

**ANTHONY WATER  
& SANITATION  
DISTRICT**

**WATER  
DISTRIBUTION  
SYSTEM**

**PRELIMINARY  
ENGINEERING  
REPORT**

**MARCH, 2016**

Preliminary Engineering Report

Anthony Water & Sanitation District  
Water Distribution System

Prepared for  
**Anthony Water & Sanitation District**  
1155 N. 4<sup>th</sup> Street  
Anthony, NM 88021

The technical material and data contained in the analysis was prepared under the supervision and direction of the undersigned, whose seal as a Professional Engineer, licensed to practice in the State of New Mexico, is affixed below.



*Wyatt Kartchner*

03/08/16

Date



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## **1.0 PROJECT PLANNING**

This Preliminary Engineering Report (PER) identifies necessary water infrastructure improvement projects for the Anthony Water and Sanitation District and determines the best alternatives for completion of these projects in terms of construction costs, operation costs, and future impacts. This report shall be utilized to attempt to obtain funds for the construction of water infrastructure projects in phases.

The PER and corresponding Environmental Document for water system improvements will include the analysis of the following projects:

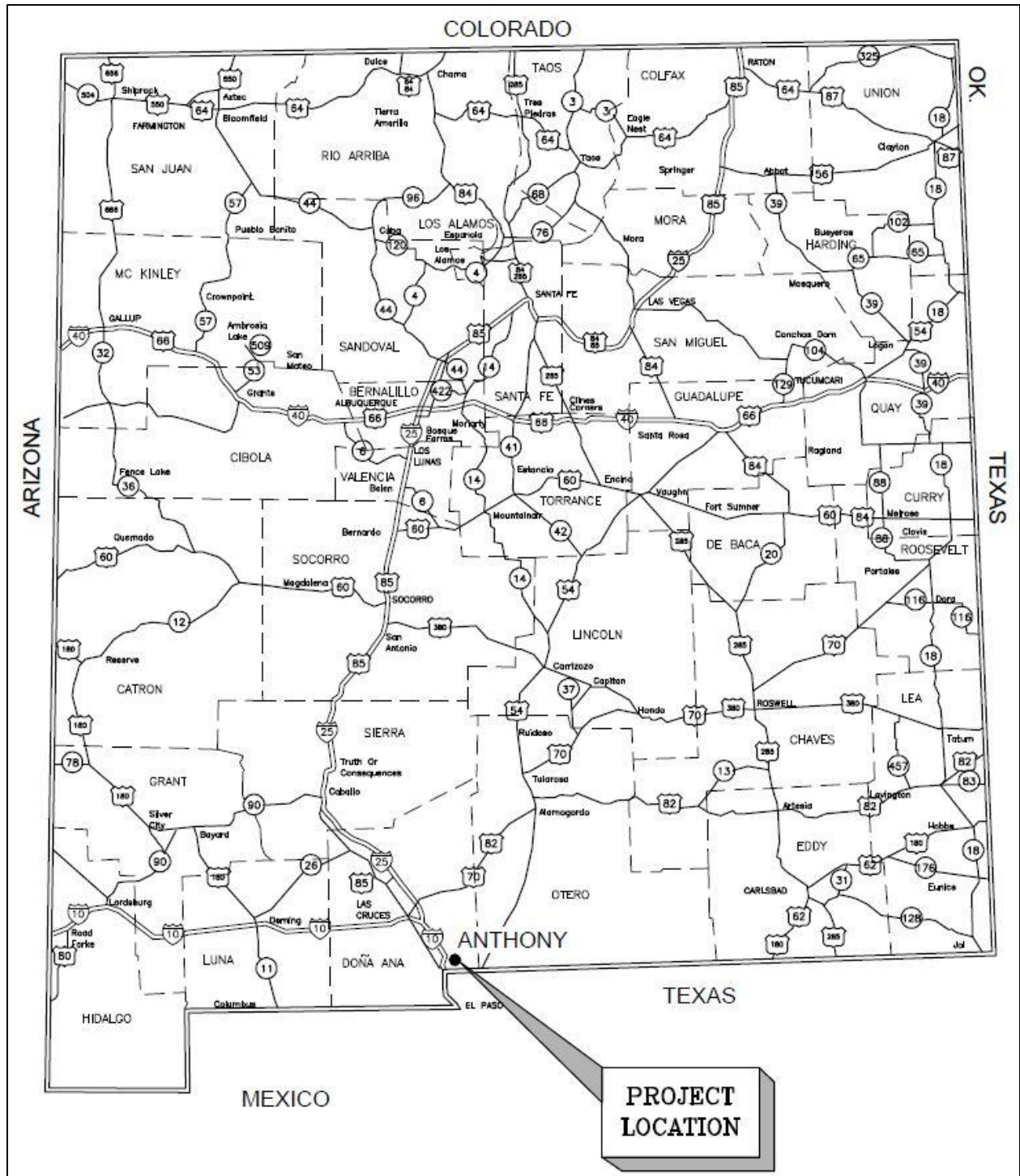
- Expansion of water service to areas currently not served. These areas include locations where property owners are on privately owned water wells which have gone dry due to the drought conditions. This water infrastructure expansion would cross the Rio Grande with the long term goal of interconnecting the La Union system to allow for redundancy if an outage occurs in either system.
- Replacement of existing polyethylene waterlines located in the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions. This older area of Anthony has many leaks and the aging infrastructure needs to be replaced to continue to provide reliable service. Waterline replacements will also be looked at within the Kalar, Timbers, Quintas De Los Lagos, Anthony Drive, and Green Meadow Estates residential areas.
- Construction of an additional storage tank. The District currently has 2 million gallons of storage, however; with the growth of the area and the increased demand for residential and commercial fire protection, there is a need for additional storage.

### **1.1. Location**

The Anthony Water & Sanitation District (AWSD) is an established member-owned community water and wastewater system located in Anthony, New Mexico. Anthony is located in south central New Mexico, in Dona Ana County, south of the City of Las Cruces, and west of El Paso, Texas. Anthony, New Mexico is along the Texas/New Mexico border and is a sister city to Anthony, Texas. Anthony, New Mexico is approximately 15 miles north of Ciudad Juarez,

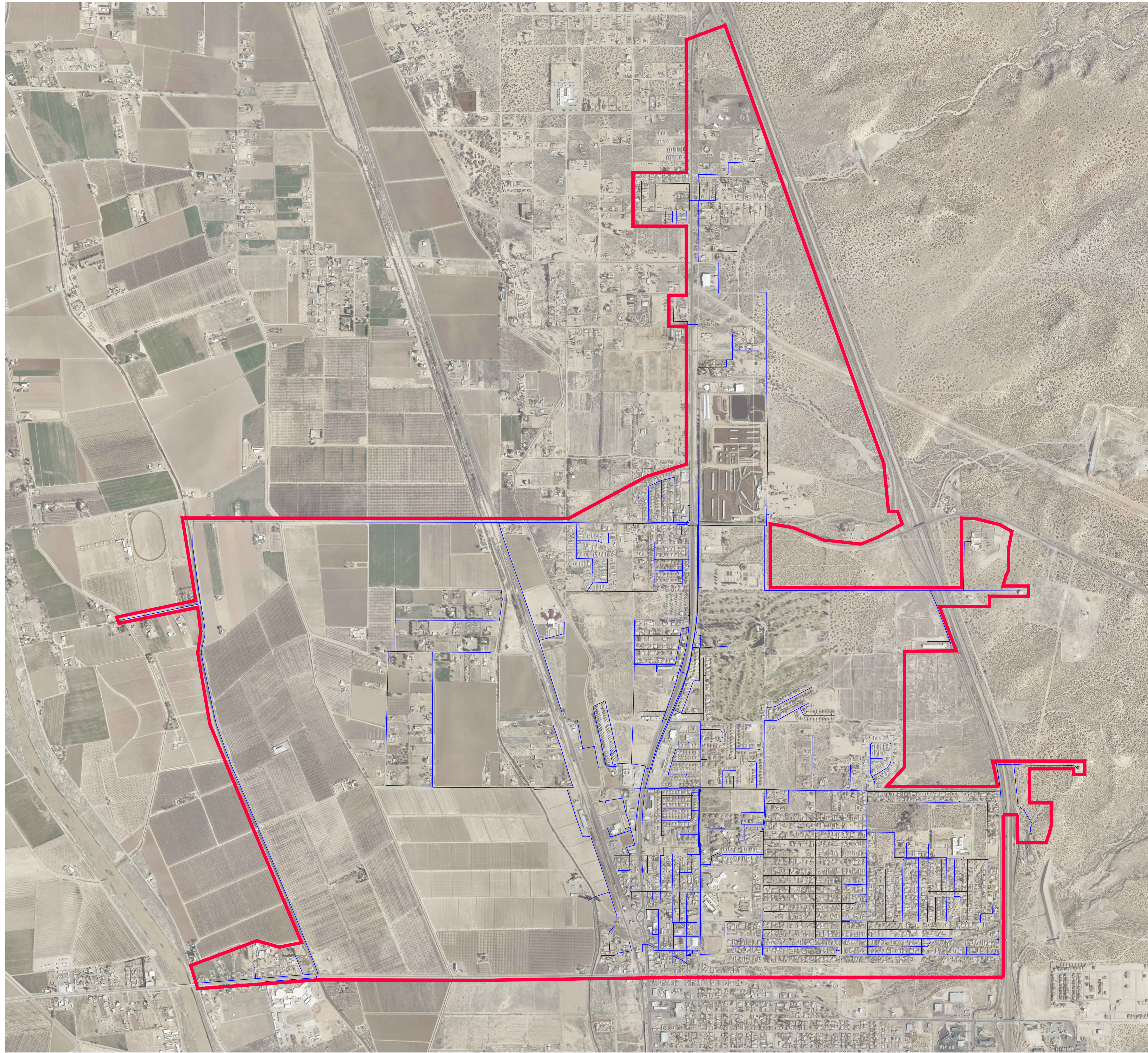
Mexico. A location map is provided on the next page in Figure 1.1.1. The current AWS limits are presented in Figure 1.1.2.

FIGURE 1.1.1. LOCATION MAP





PROJECT: WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT  
DATE: 10/20/2015  
DRAWN BY: J. HARRIS  
CHECKED BY: M. HARRIS



N  
SCALE: 1"=1000'



## **1.2. Environmental Resources Present**

A complete Environmental Information Document will be completed for this project under a separate cover. The following is a summary of the Environmental Resources.

### **1.2.1. Land Use**

The Doña Ana County Parcel map was utilized to determine the land use in close proximity to project areas.

#### **1.2.1.1. North Tank**

The north tank is currently located on a small property approximately 0.70 acres in size with Parcel ID 17-13636. Immediately to the north is a large 13 acre parcel owned by Gerrit Degraaf Fam Partnership LTD which is designated as land type “V” for Vacant Land. Immediately to the west and south are several large properties including an 11 acre parcel within the El Mercado de Anthony Summary Subdivision owned by Juan and Jose Nunez, as well as a 5.7 acre parcel owned by Barry Elizabeth and Gayle Wilkes, and a 3.95 acre lot within the El Mercado De Anthony Summary Subdivision owned by NRB LLC. These three lots are characterized by the land types associated with vacant land, commercial acreage, or commercial. Immediately to the east is property owned by the Bureau of Land Management characterized as vacant land.

#### **1.2.1.2. South Tank**

The south tank is currently located on BLM property on the southwest corner of a 564 acre parcel with Parcel ID 17-07605.

#### **1.2.1.3. Waterline Extension**

The waterline extension is proposed to be extended along existing roadway alignments through areas zoned for residential, vacant, tillable land, and commercial acreage. Land considered to be commercial acreage is property owned by the Gadsden Independent School District.

#### 1.2.1.4. Waterline Replacement

Waterline replacement is proposed within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions. The land use within this area is considered to be residential land consisting of primarily 0.25 acre lots.

### 1.2.2. Right-of Way (ROW) and Easements

#### 1.2.2.1. Waterline Extensions

The waterline extension evaluated as part of this Preliminary Engineering Report includes alternatives with varying land requirements. Among those alternatives, land requirements include the use of NMDOT and City ROW as well as the acquisition of utility easements from private property owners. Two of the alternatives would require the use of IBWC property with the construction of new waterline adjacent to the existing flood control levee. The waterline extension requires a river crossing where land requirements as part of the crossing are evaluated. These crossing methods include the use of NMDOT property by utilizing the Washington Street Bridge, IBWC and Army Corps of Engineering (ACOE) jurisdiction to trench within the Rio Grande for waterline placement, and directional drilling.

Permit requirements vary based on the alternative selected which will be further discussed in Section 5. The waterline extension to Alta Vista Early College High School has the possibility of requiring an NMDOT application to install utilities within public ROW, Elephant Butte Irrigation District (EBID) Right of Use Permit to cross EBID drainage canals, an IBWC permit to construct utilities within their jurisdiction including the river and river levees, an ACOE 404 permit to construct waterline below the ordinary high water level within waters of the USA, and private property owner negotiation for utility easements.

#### 1.2.2.2. Storage Tank

The evaluation of water storage requirements for AWS D evaluated as part of this Preliminary Engineering Report includes alternatives with varying land requirements. Among those

alternatives, land requirements include the use of an existing BLM land lease, modification of the existing BLM land lease, and the acquisition of property from private property owners adjacent to existing water storage facilities.

#### 1.2.2.3. Waterline Replacement

The evaluation of waterline conditions within AWS D service limits including various areas further discussed in section 4 of this report. Each alternative presented for waterline replacement includes the replacement or construction of new waterline within City or NMDOT ROW. Waterline replaced or constructed within NMDOT ROW would require an NMDOT application to install utilities within public ROW. Some of the alternatives also include the construction, replacement, or removal and replacement of existing waterline connections for private property owners within utility easements. Private property owners would need to be coordinated with in the event of the moving of private connections.

#### 1.2.3. Flood Zones

Flood risk information was obtained from the FEMA (Federal Emergency Management Agency) website and is included in Appendix A. Most of the AWS D service area is located on FIRM (Flood Insurance Rate Map) 35013C0925 E with the exception of the northern service limits which are located on FIRM 35013C0800 E.

The existing wells and tank are within Flood Zone X (unshaded) designated for areas outside the 500-yr flood zone. Areas west of the Anthony Lateral are either in Zone A or Zone X (shaded). Zone A is designated for areas within the 100-yr flood zone without a Base Flood Elevation while Zone X (shaded) is designated for areas within the 500-yr flood zone. Only 100-yr flood zones are considered to be FEMA Special Flood Hazard Areas.



#### 1.2.4. Climate

Table 1.2.4.1 presents a summary of average temperatures and precipitation for Las Cruces which is located approximately 25 miles north of Anthony and considered to be a good representative of Anthony's climate.

**TABLE 1.2.4.1. CLIMATE DATA**

	Precipitation	2014 Temperature Data			
	Avg Rainfall since 2007 (in)	Avg High (°F)	Avg Low (°F)	Highest Recorded (°F)	Lowest Recorded (°F)
<b>January</b>	0.38	60	30	70	17
<b>February</b>	0.13	67	40	81	20
<b>March</b>	0.13	70	42	81	32
<b>April</b>	0.17	77	48	88	34
<b>May</b>	0.40	85	56	100	41
<b>June</b>	0.27	99	70	107	62
<b>July</b>	2.51	97	70	104	65
<b>August</b>	2.03	89	67	97	62
<b>September</b>	1.81	84	63	99	54
<b>October</b>	0.27	80	52	86	42
<b>November</b>	0.37	65	38	78	23
<b>December</b>	0.52	59	35	71	22

#### 1.2.5. Historic Sites

The New Mexico Historic Preservation Division (HPD) identifies and protects New Mexico's cultural resources, including its archaeological sites, architectural and engineering achievements, cultural landscapes and diverse heritage. The most recent Listed State and National Register Properties Report does not include any sites of importance for this report.

### 1.2.6. Endangered Species/ Critical Habitats

According to the U.S. Fish & Wildlife Service Environmental Conservation Online System (ECOS), there are several threatened and endangered species in Doña Ana County which may be of interest for this project. A list of those species is provided in Appendix B.

### 1.2.7. Soils

The current AWSO service area is approximately 4,652 acres in total area with approximately 25 different soil types based on USGS available data. Harkey Loam and Bluepoint Loamy Sand are the primary soil types consisting of 47% of the entire AWSO service area. Harkey Loam is fairly well draining soil with hydrologic soil group B properties typically found in floodplains and mainly consists of fine sand. Harkey Loam can be found primarily west of the railroad tracks extending to the Rio Grande yet north of Washington Street. Bluepoint Loamy Sand is a well draining soil with hydrologic soil group A properties and consists of primarily loamy fine sand and loamy sand. Bluepoint Loamy Sand is found primarily within the residential zone just west of Interstate-10. The USGS web soil survey can be found in Appendix C.

### 1.2.8. Aquifers

Pumping tests performed at Wells 3 and 6 indicated a transmissivity near the wells of 5,350 sf/day and a hydraulic conductivity of 27 ft/day. **These wells are within the Santa Fe Group Aquifer.** Based on estimates from Wilson (1981), about 20 million acre feet of fresh water are theoretically available to wells in part of the Mesilla Valley north of Anthony within the Mesilla basin.

According to OSE data, the basin-fill aquifer in the southern Mesilla Valley can be divided into three zones of differing lithology and water quality (OSE, 2001). The upper zone extends to a depth of approximately 200 feet below the water table and consists of coarse-grain alluvium and contains slightly saline water with a total dissolved solids (TDS) value between 100 and 3,000 mg/L. The underlying intermediate zone is approximately 200 to 250 feet thick consisting of sands, silts, clays, and some gravel which contains fresh water with total dissolved solids less

than 1,000 mg/L. The deep zone beneath the immediate zone consists of saline water. Wells 3 and 6 are completed in the intermediate zone of the Mesilla Basin aquifer.

### **1.3. Population Trends**

#### **1.3.1. Current Population**

Anthony is a small community with a 2010 population of 9,360 according to the U.S. Census Bureau. The majority of the population (97.4%) of Anthony is Hispanic. The community has 44.6% of the population below the poverty line with a median household income of \$21,364.

The 2000 Census reported 7,904 people in Anthony, living in a total of 2,217 housing units. In 2010, the Census reported 9,360 residents in 2,809 housing units. In terms of population, it represents an increase of about 18 percent during this time, but with regards to housing units, the area saw almost an increase of 27 percent in one decade. This is important to take into consideration for the purposes of this PER, because a larger number of housing units results in more needs for municipal services and infrastructure such as water supply and storage.

Table 1.3.1 presents statistics regarding population, housing and income in the State of New Mexico, Doña Ana County and the City of Anthony. It is also of interest to note that the average number of persons per household in the State and County are 2.63 and 2.78, respectively; in Anthony, the average number of household occupants is 3.81. The median household income (MHI) is just about half of the State MHI.

**TABLE 1.3.1. POPULATION AND HOUSING STATISTICS**

<b>ITEM</b>	<b>NEW MEXICO</b>	<b>DOÑA ANA COUNTY</b>	<b>ANTHONY</b>
Population, 2013 estimate	2,085,287	213,460	9,378
Population, 2010 (April 1) estimates base	2,059,183	209,234	9,509
Population, percent change, April 1, 2010 to July 1, 2013	1.30%	2.00%	-1.40%
Housing units in multi-unit structures, 2008-2012	15.00%	17.30%	15.70%
Households, 2008-2012	763,844	73,183	2,508
Persons per household, 2008-2012	2.63	2.78	3.43
Per capita money income in past 12 months (2012 dollars), 2008-2012	\$23,749	\$19,517	\$9,979
Median household income, 2008-2012	\$44,886	\$38,462	\$22,813
Persons below poverty level, 2008-2012	19.50%	25.80%	41.30%

Source: Prepared using information from the 2010 Census and 2013 estimates.

### 1.3.2. Population Projection

Several factors were utilized for the population projection including 1990, 2000, and 2010 census data, 2014 census estimates, and the 2004 40-year water plan. Each one of these references was used to produce the most realistic population projection. Table 1.3.2.1 shows population growth rates based on population values from the United States Census for years 1990, 2000, and 2010. The value for 2014 is a population estimate calculated by the United States Bureau of the Census Population Estimates Program.

Table 1.3.2.1 shows several results of the population growth rate analysis. The growth rates vary from -0.11% to 4.36% between 1990 and 2014. If -0.11% or stagnant growth was used for the population projection, this would be inaccurate as the bigger picture utilizing data from 1990 to 2010 shows tremendous growth making the 2014 population estimate to be an outlier in the data set. If a more comprehensive estimate was utilized with growth from 1990 to the present determined and then projected 25 years into the future, the results would be unrealistic as the growth rate would be too high. Another option would be to use the 3.6% growth rate established by Coppler and Mannick as part of the AWS D 40-year Water Plan which does not take into

account the 2010 census. Therefore, it was determined that a separate growth rate should be determined to provide the most accurate population projection.

The population projection for this project utilizes data from the U.S. Census Bureau, shown in Table 1.3.2.1. The U.S. Census Bureau reported that Doña Ana County grew from 2000 to 2010 at a rate of 1.82 percent per year. The Anthony Census Designated Place (CDP) grew at a rate of 1.71 percent over the same time period. The New Mexico Census Tract 18.03, which has borders similar to that of the AWS D limits, grew at a yearly rate of 1.24 percent from 2000 to 2009.

**TABLE 1.3.2.1. POPULATION AND GROWTH RATES**

Census Area	2000	2010	Growth Rate
Anthony CDP	7,904	9,360	1.71%
Dona Ana County	174,682	209,233	1.82%
Census Tract 18.03	8,388	9,491	1.24%
Census Area	1990	2000	Growth Rate
Anthony CDP	5,160	7,904	4.36%
Census Area	1990	2010	Growth Rate
Anthony CDP	5,160	9,360	3.02%
Census Area	2010	2014	Growth Rate
Anthony CDP	9,360	9,318	-0.11%
<b>40-year Water Plan</b>	<b>Population Growth Rate = 3.6%</b>		
*1990, 2000, and 2010 population values come from the United States Census. The 2014 value comes from <a href="http://quickfacts.census.gov/qfd/states/35/3503820.html">http://quickfacts.census.gov/qfd/states/35/3503820.html</a>			

In the case of the AWS D, some of the service area lies outside the CDP, so using the population and growth rate for the CDP to determine the 2035 population does not account for all the existing nor potential users.

As of 2015, the AWS D has approximately 200 connections that receive water service but sewer lines have not been extended to these users. About half of these customers are located within the CDP. The remaining unsewered customers are represented by Census Tract 18.03. Thus, the population projection accounts for growth within the CDP at a growth rate of 1.71 percent and growth in the Census Tract (less the residents in CDP) at a growth rate of 1.24 percent. The

population served by the AWSD is projected to be approximately 14,500 in 2035, as seen in Table 1.3.2.2. It should be noted that geometric growth calculations were performed to produce the values found in Table 1.3.2.2.

Commercial entities are projected to grow at a rate less than 1.71 percent but greater than 1.38 percent. The average of these growth rates (1.55 percent) is used to estimate the number of commercial customers in 2035. Currently, only about 70 percent of the commercial water customers are sewerred, but the AWSD is making efforts to extend sewer to commercial entities as well as residential customers. There are anticipated to be 185 commercial users in 2035 (compared to 136 in 2015).

#### 1.3.2.1. Additional Growth

There are currently multiple subdivisions planned within the AWSD service limits. The Haciendas de Anthony subdivision is currently in construction at the intersection of Acosta Road and Clark Street with a planned build out of 101 units. With an average house hold of 3.81, this subdivision has the potential for nearly 400 additional residents. A similar subdivision is also planned.

There is a strong push for commercial and economic development in the area. Anthony has passed a Local Economic Development Act (LEDA) providing an economic development organization and strategic plan expected to have an impact on population growth.



**TABLE 1.3.2.2. PROJECTED SERVICE POPULATION**

<b>Year</b>	<b>Anthony CDP (1.71% growth)</b>	<b>(AWS Limits- Anthony CDP) census tract 18.03 (1.24% growth)</b>	<b>Total AWS Service Population</b>
2010	9,360	131	9,491
2011	9,520	133	9,652
2012	9,682	134	9,816
2013	9,847	136	9,983
2014	10,015	138	10,153
2015	10,186	139	10,325
2016	10,359	141	10,500
2017	10,536	143	10,679
2018	10,716	145	10,860
2019	10,898	146	11,045
2020	11,084	148	11,232
2021	11,273	150	11,423
2022	11,465	152	11,617
2023	11,661	154	11,815
2024	11,860	156	12,016
2025	12,062	158	12,220
2026	12,268	160	12,427
2027	12,477	162	12,638
2028	12,690	164	12,853
2029	12,906	166	13,072
2030	13,126	168	13,294
2031	13,350	170	13,520
2032	13,577	172	13,749
2033	13,809	174	13,983
2034	14,044	176	14,221
2035	14,284	178	14,462

These population and commercial growth projections will be used in Section 3 to determine the volume of water that will need to be stored in 2035.

## **1.4. Community Engagement**

The waterline extension has community support as members of the community have requested water service to their homes due to drought conditions causing their water wells to go dry.

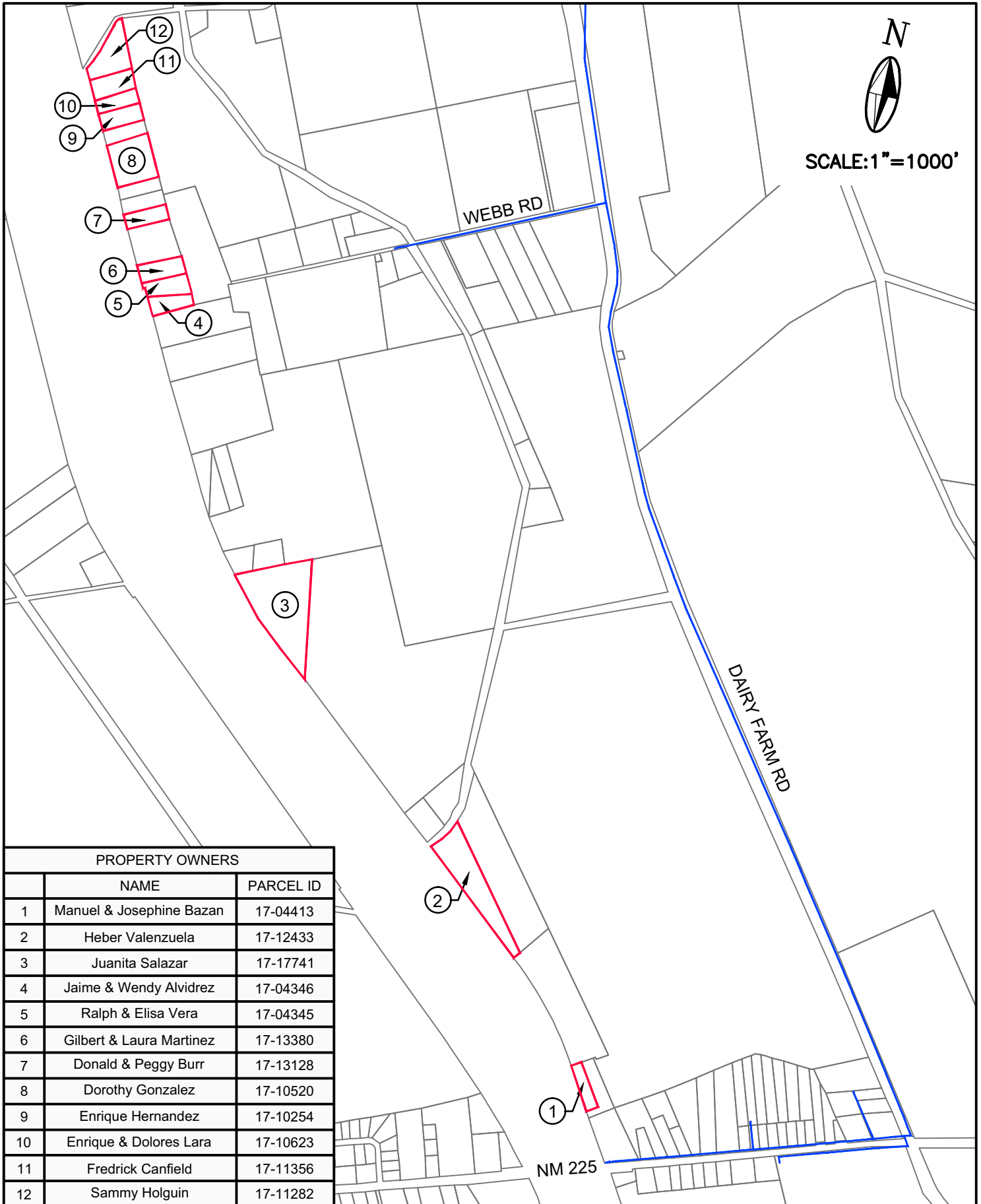
Figure 1.4.1 shows the 12 properties which have requested water service. A public meeting was held at the AWSO office on November 18<sup>th</sup>, 2015 as part of the National Environmental Protection Agency (NEPA) process.



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 DWG. LOCATION: F:\ANTHONY\ANT152-11-Water PER.DWG  
 DWG. NAME: ANT152-Figures 4.1.dwg



SCALE: 1" = 1000'



WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

**MOLZENCORBIN**

**PROPERTIES REQUESTING SERVICE**

**FIGURE 1.4.1**

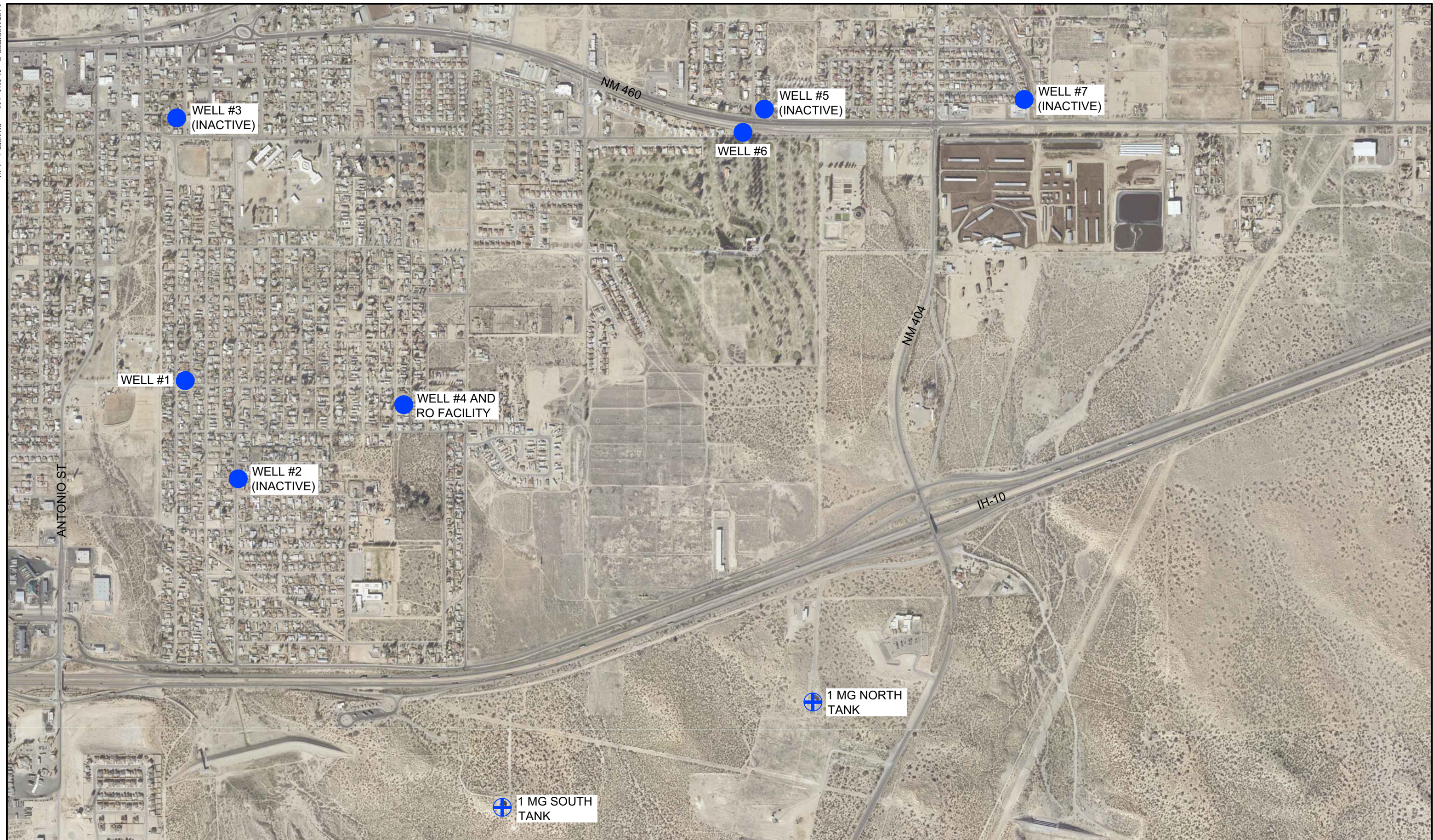
## **2.0 EXISTING FACILITIES**

### **2.1. Location Map**

Figure 2.1.1 shows the seven well locations throughout the AWS D service limits along with the two 1-million gallon storage facilities. A water system infrastructure map can be found in Appendix J showing locations of existing waterlines including size and material.



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## **2.2. History and Description of Existing Water System**

The Anthony Water and Sanitation District relies solely on groundwater for its water supply. The AWSD serves the incorporated community of Anthony, New Mexico located in the southern portion of Dona Ana County. The existing water system consists of seven wells, two water storage tanks, and several miles of various size waterlines. The water system components, wells, tanks, and distribution system, are shown in Appendix J.

The ground water pumped from the AWSD system has high levels of arsenic and total dissolved solids (TDS). Treatment of this ground water is necessary to reduce these contaminant levels to meet the drinking water standards administered by the New Mexico Environment Department and Environmental Protection Agency. A central Reverse Osmosis (RO) treatment plant is used to treat all water within the District.

The raw water is treated by blending raw/untreated water with permeate from the RO units. The water from all four wells is piped in the water treatment facility where a portion is diverted to the RO units for treatment while the remaining bypasses the treatment operation. The permeate from the RO unit is blended with the diverted well water and is stored in the finished water reservoir on site. The blended water is then pumped into the distribution system by three on-site booster pumps. The locations of these existing facilities are shown in Figure 2.1.1.

### 2.2.1. Wells

All wells within the project area are located on the west side of I-10 and east of NM 478 within the community of Anthony, New Mexico and outside of the river valley. As-built drawings can be found in Appendix J.

#### 2.2.1.1. Well 1

In January 2006, the new maximum contaminant level (MCL) for arsenic went into effect lowering the MCL from 0.05 mg/L to 0.01 mg/L. A 0.06026 mg/L sampling event in February 2008 caused NMED to notify AWSD of the violation at Well 1. As a result of this violation, Well 1

needed to be monitored more frequently to verify the Well provided water below the arsenic level consistently. Well 1 ended up being re-drilled in February 2010.

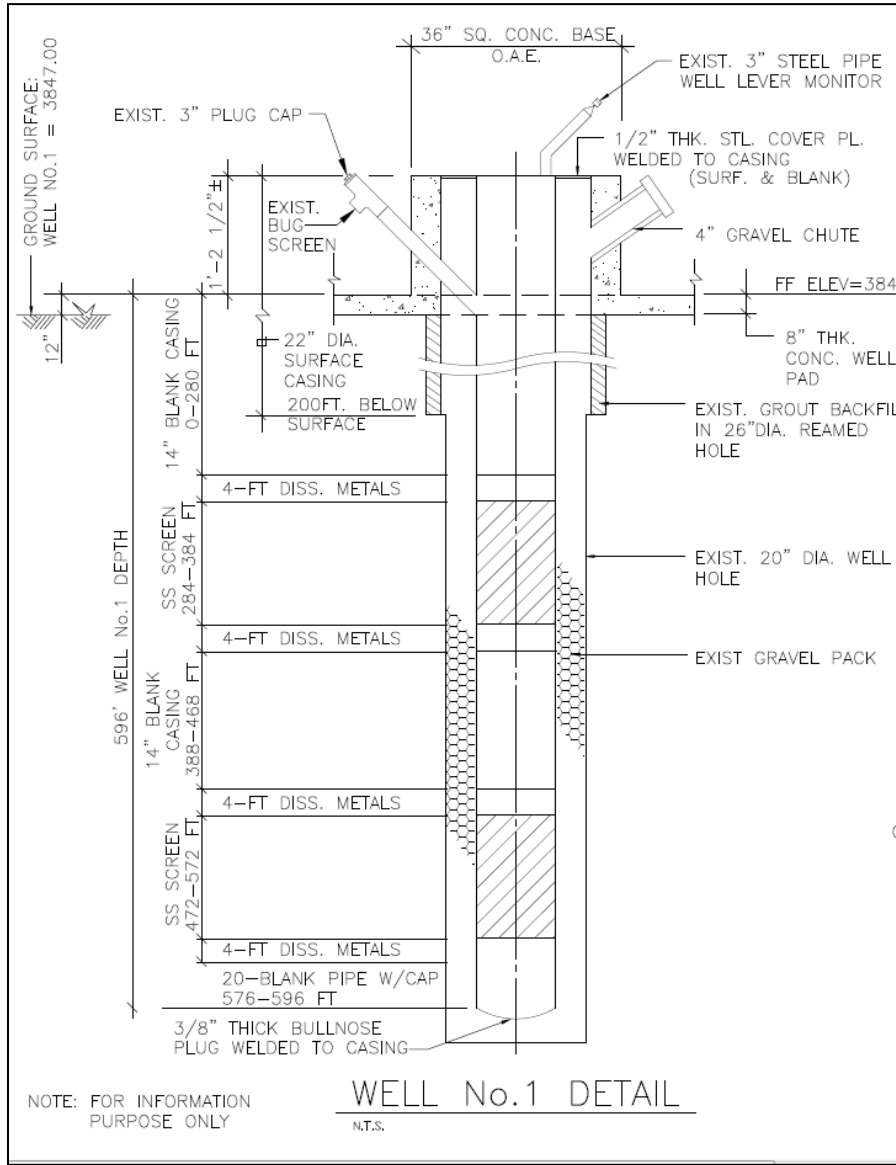
Well 1 is located between Mckinley Street and Livesay Street on the west side of Charles Avenue. The facility consists of a well and associated pressure pump, associated pipes, pressure release and control valves, metering and a water test sampling point. Electrical control equipment is also provided. A well house provides security and protection for the equipment.

Well 1 contains a vertical turbine pump, pumping control valves, an ultrasonic flowmeter, and a well control panel with a programmable logic controller (PLC) is connected to a centralized PLC and SCADA system located at Well 4. The PLC issues pump start and pump stop commands based on the water level in the reservoir.

Well 1 was originally drilled in 1970 and rated at 550 gpm before encountering a sand pumping problem which required a sand separator. Well 1 has since been re-drilled within the past 8 years and has a capacity of 600 gpm. Figure 2.2.1.1.1 shows the site plan for Well 1 while Figure 2.2.1.1.2 shows the Well 1 detail. Figure 2.2.1.1.3 shows the existing Well 1 site.



**FIGURE 2.2.1.1.2. WELL 1 DETAIL**



**FIGURE 2.2.1.1.3. WELL 1**



2.2.1.2. Well 2

Well 2 is located on the north side of the intersection of Church Street and Katherine Street.

Well 2 has not been in service for many years. Figure 2.2.1.2.1 shows the existing Well 2 site.



**FIGURE 2.2.1.2.1. WELL 2**



### 2.2.1.3. Well 3

Well 3 is located on the second parcel southeast of the intersection of Mckinely Street and ST Anthony Street. The facility consists of a well and associated pressure pump, associated pipework, pressure release and control valves, metering and a water test sampling point. Electrical control equipment is also provided. A well house provides security and protection for the equipment. Well 3 is provided with a vertical turbine pump, pumping control valves, an ultrasonic flow meter and a well control panel with a programmable logic controller (PLC) and connected to a centralized PLC and SCADA system located at Well 4. The PLC issues pump start and pump stop commands based on the liquid level in the reservoir.

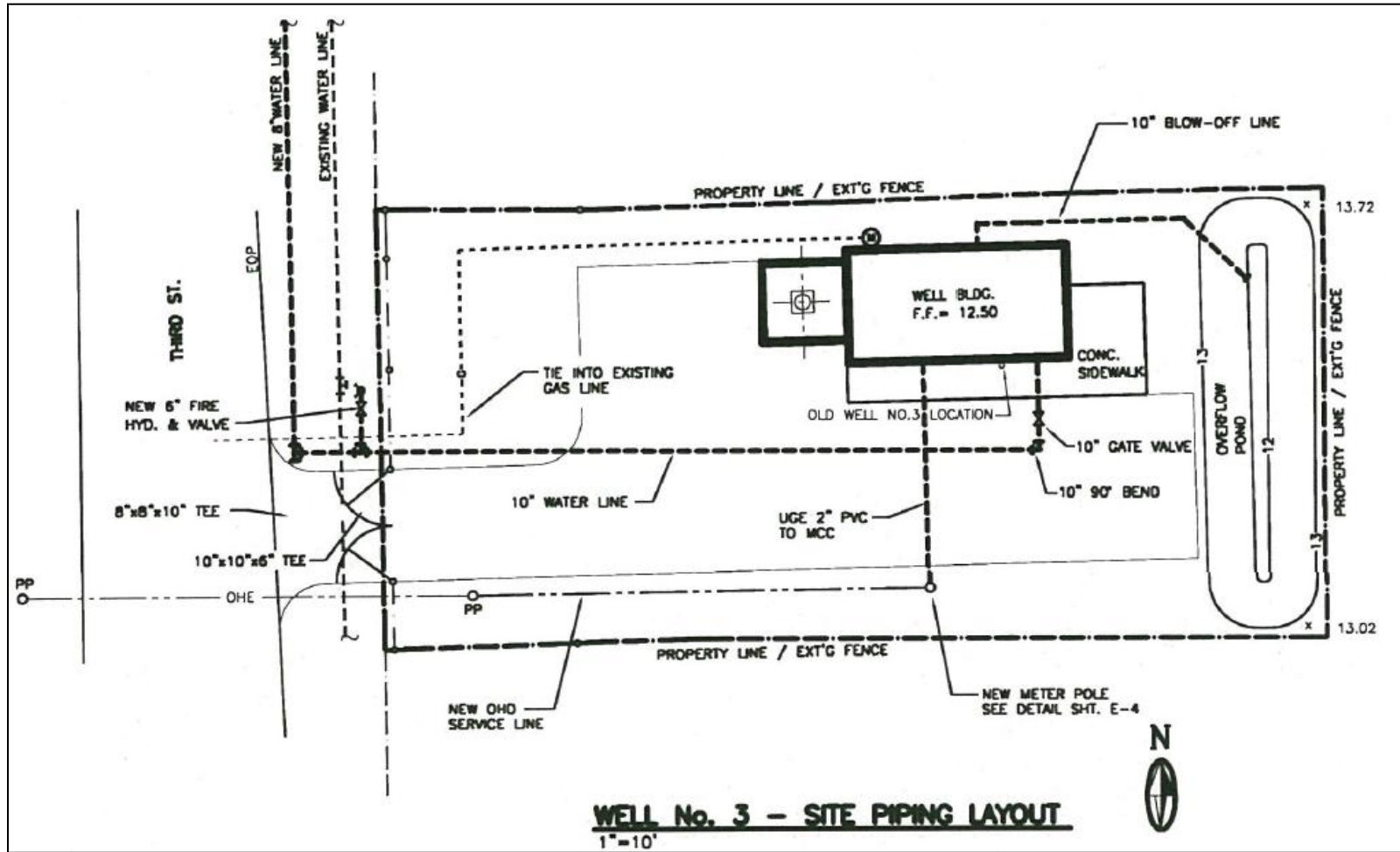


Well 3 was originally drilled in 1955 and had a capacity of 300 gpm. It has since been re-drilled and now has a capacity of 600 gpm. The 1998 Shomaker and Associates Report suggests that the well has a continuous 14 inch diameter type 304 stainless steel wire-wound screen from 280 to 480 ft with a 20 ft blank sump from 480 to 500 feet. The well utilizes an 8-16 gradation gravel pack with a 0.050 inch slot opening. The casing has a 14 inch diameter with a 3/8 inch wall thickness. Well 3 is capable of producing 1,200 gpm on a long term basis, but had a 600 gpm pump installed. The pump setting of 260 feet should have provided adequate submergence, as a projected static water level with a depth of 224 feet was projected for 2018 based on a 1,200 gpm pumping rate. Appendix D contains excerpts from the Shomaker Report. Figure 2.2.1.3.1 shows the existing Well 3 site. Figure 2.2.1.3.2 shows the site piping layout for Well 3 without a scale.

**FIGURE 2.2.1.3.1. WELL 3**



FIGURE 2.2.1.3.2 WELL 3 SITE PLAN

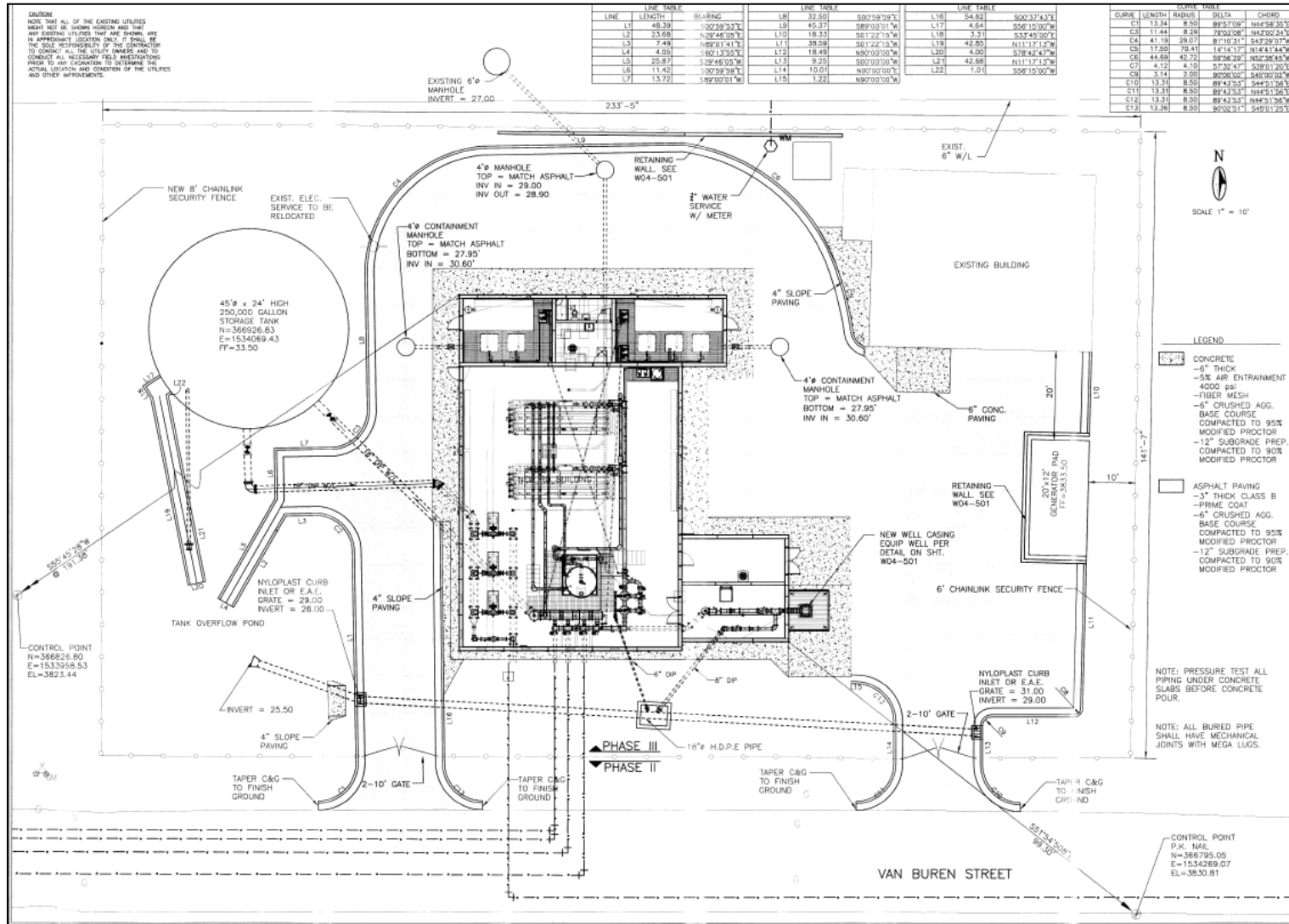


#### 2.2.1.4. Well 4

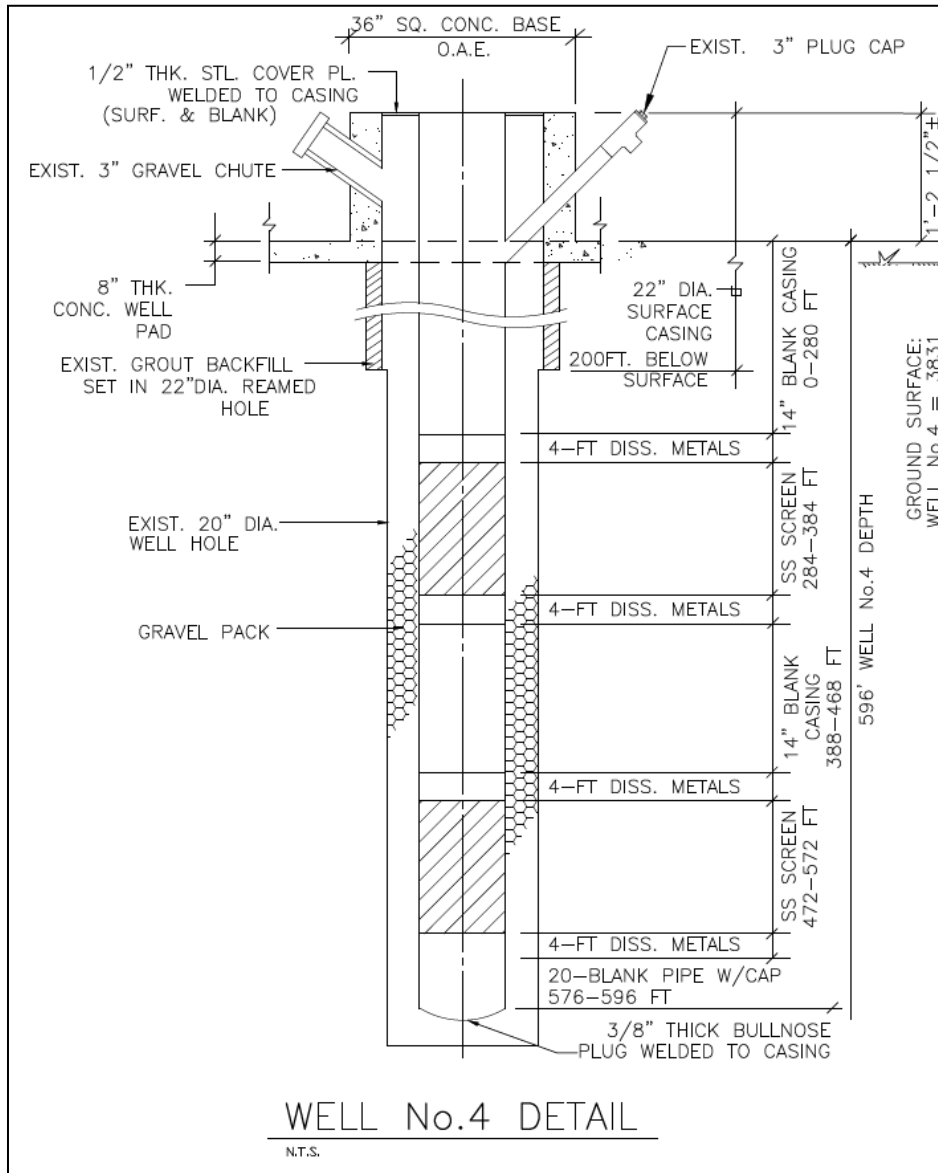
In January 2010, NMED notified AWSO that monitoring results for nitrates had exceeded the allowable limits at Well 4. The original Well had been drilled in 1955 and had to be re-drilled to meet water quality requirements. The new Well was completed in February 2010.

Well 4 is located on the north side of Van Buren Avenue between Charles Avenue and Ruth Street. Well 4 was drilled in 1955 and had a capacity of 425 gpm, but it was taken out of service due to elevated nitrate levels above the maximum contaminant level (MCL). Well 4 has since been re-drilled and now has a capacity of 1100 gpm. Well 4 is located on the same property as the 2014 Arsenic Removal facility and is utilized the most out of any other well within the system. Figure 2.2.1.4.1 shows the site plan for Well 4 while Figure 2.2.1.4.2 shows the Well detail. Well 2.2.1.4.3 shows the existing Well 4 site.

FIGURE 2.2.1.4.1. WELL 4 SITE PLAN



**FIGURE 2.2.1.4.2. WELL 4 DETAIL**





**FIGURE 2.2.1.4.3. WELL 4**



2.2.1.5. Well 5

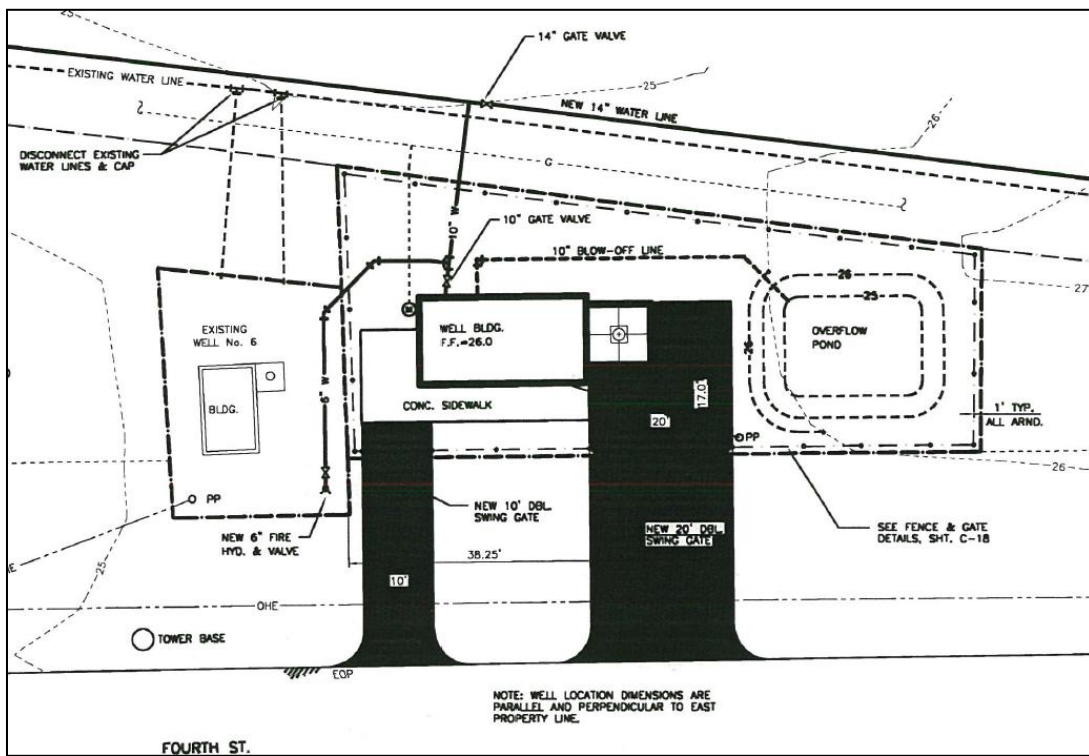
Well 5 is located near the intersection of Duffer Lane and Dos Lagos Boulevard. Well 5 has not been in service for many years. It is unknown where exactly Well 5 is located at this time.

2.2.1.6. Well 6

Well 6 is located on the southwest corner of the intersection of Fourth Street and Duffer Lane. Well 6 has been re-drilled and has a capacity of 600 gpm. The 1998 Shomaker and Associates Report suggests that the well has a continuous 14 inch diameter type 304 stainless steel wire-wound screen from 300 to 480 ft with a 20 ft blank sump from 480 to 500 feet. The well utilizes an 8-16 gradation gravel pack with a 0.050 inch slot opening. The casing has a 14 inch diameter

with a 3/8 inch wall thickness. Well 6 is capable of producing 1,200 gpm on a long term basis, but had a 600 gpm pump installed. The pump setting of 260 feet below ground level should have provided adequate submergence as the projected static water level in 2018 is estimated to be 222 feet based on a 1,200 gpm pumping rate. Appendix D contains excerpts from the Shomaker Report. Well 6 is currently not in use because the water quality has recently degraded, making it unusable without additional treatment. Figure 2.2.1.6.1 shows a site plan for Well 6 without a scale. Figure 2.2.1.6.2 shows the existing well 6 site.

**FIGURE 2.2.1.6.1. WELL 6 SITE PLAN**





**FIGURE 2.2.1.6.2. WELL 6**



2.2.1.7. Well 7

Well 7 is located on the northeast corner of the northeast cul-de sac of Deer Circle. Well 7, with a capacity of 110 gpm, has not been in use since 1996. Figure 2.2.1.7.1 shows the existing well 7 site.

**FIGURE 2.2.1.7.1. WELL 7**



### 2.2.2. Water Storage Tanks

There are two 1-million gallon water storage facilities located east of I-10 and south of NM 404. These two storage facilities are known as the north and south tanks. The north tank is located southeast of Dona Ana Community College which is southeast of the I-25/ NM-404 interchange. The south tank is located directly east of Acosta Road on the east side of I-25. As-built drawings can be found in Appendix J. These tanks are equipped with cathodic protection which was replaced in 2013. The tanks also have SCADA equipment including level transducers which communicate with the Arsenic Removal Facility. These tanks are 1-million gallon in storage with inside diameters of 78 feet and heights of 29 feet. The tanks were constructed in the 1990's

with the north tank in 1995 and the south tank in 1993. Figure 2.2.2.1 shows the north tank while Figure 2.2.2.2 shows the south tank.

**FIGURE 2.2.2.1. NORTH TANK**





**FIGURE 2.2.2.2. SOUTH TANK**



### 2.2.3. Arsenic Removal Facility

In 2013 the Anthony Water & Sanitation District completed a project to treat their water for Arsenic. This facility constructed at the Well 4 site utilizes RO for the removal of Arsenic and other contaminants to meet United States Environmental Protection Agency (EPA) Safe Drinking Water Act. The MCL of arsenic was lowered from 50 parts per billion to 10 parts per billion in 2006. An arsenic sampling above the MCL in 2008 resulted in the re-drilling of Well1 and eventually the construction of the arsenic removal facility in 2013. The RO facility is a centralized treatment plant where water from Wells 1, 3, 4 and 6 are piped in dedicated transmission lines for treatment. Water from each well enters the treatment facility in an inlet

head containing multiple valves which allow the operator to determine the Well to be treated with the RO Unit and the wells to be bypassed. This inlet header allows the operator to control the flow and pressures of each well as it enters the facility.

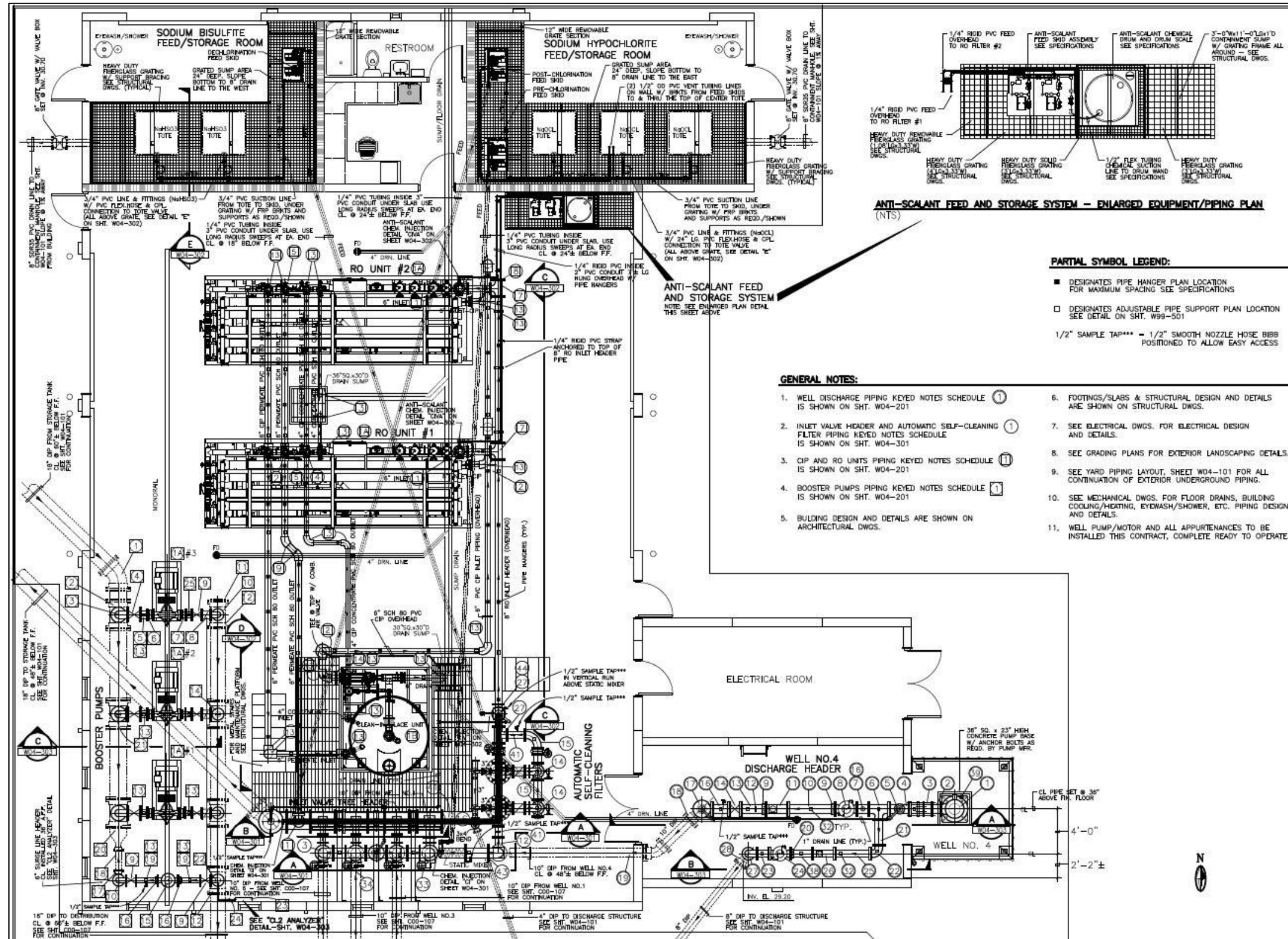
Water being treated by the RO Unit is first chlorinated with Sodium Hypochlorite to oxidize the Arsenic III to Arsenic IV for more effective removal. The water then passes through a 10 micron filter and is injected with Sodium Bisulfite to eliminate any residual chlorine in the water. The water then passes through one of two RO Units. The RO Units treat the water and the permeate (treated water) is piped back to the inlet header where it is blended with untreated water. The concentrate (reject) water from the RO process is then piped to an underground storage tank where it is used for construction water, any excess concentrate flows into the sanitary sewer system.

Permeate from the RO Units and the raw water are blended and injected with Sodium Hypochlorite for disinfection before being stored in an onsite 250,000 gallon tank. Water is then pumped into the distribution system by three on-site booster pumps. These 40 HP pumps have a capacity of 300 gallons per minute at 163 psi and cycle between lead and lag to allow even wear of the pumps. Figure 2.2.3.1 shows the inside of the RO facility while Figure 2.2.3.2 shows the layout for the Arsenic Removal Facility.

**FIGURE 2.2.3.1. REVERSE OSMOSIS FACILITY**



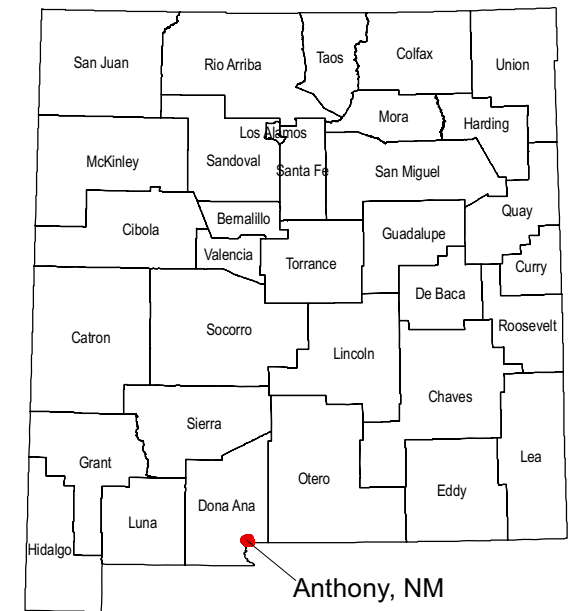
FIGURE 2.2.3.2. ARSENIC REMOVAL FACILITY



#### 2.2.4. Distribution System

The distribution system consists of mostly PVC pipes ranging in size from 1.25 inches to 16 inches. The waterline from the north tank is 14 inches while the waterline from the south tank is 16 inches. The storage tanks are floating on the distribution system as there is one waterline in/out of the tanks. The water system functions based on gravity with the only booster pumps within the system being at the water treatment facility at Well 4. The pumps turn on based on water surface elevations within the storage tanks and have a pumping capacity of 2700 gpm with one pump on standby. When the storage tank water level drops, the pumps will kick on as needed to supply the storage tanks with the amount of water needed. Air release, Ball, flush, gate, and pressure reducing valves are used within the system as needed. Figure 2.2.4.1 shows the approximate locations, sizes, and materials of the waterlines within the system.



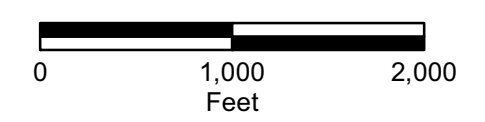
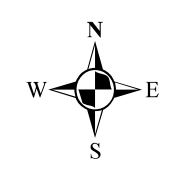


**Legend**

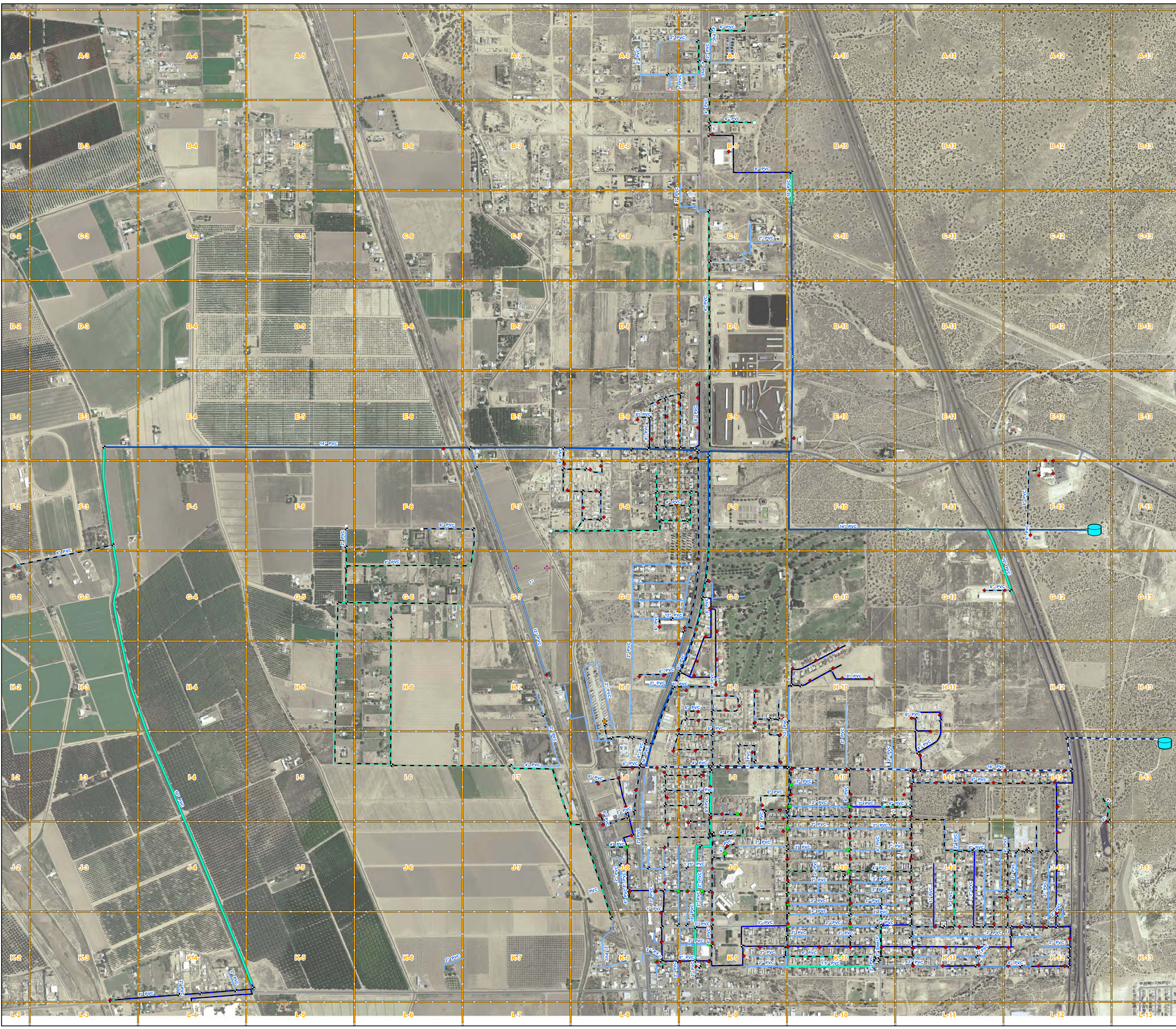
- Storage Tank
- Hydrants
- Private Hydrant
- Hydrant (Not GPS'd)
- Air Release
- Ball
- Flush
- Flush (Not GPS'd)
- Gate
- Gate (Not GPS'd)
- Pressure Reducing
- Well

**Distribution Lines**

- 1.5"
- 2"
- 3"
- 4"
- 6"
- 8"
- 10"
- 12"
- 14"
- 16"



**Anthony Water  
 & Sanitation District**  
 FIGURE 2.2.4.1  
**Water System Map**  
 July 2011





### 2.2.5. Power Supply System

The electrical power system consists of an El Paso Electric pole-mounted or pad mounted service transformer, 480 V power distribution equipment and 120 V panel boards and circuits. Three phase power is available at each well site based on the existing equipment at each site.

All wells are controlled by the Supervisory Control and Data Acquisition (SCADA) system's primary programmable logic controller (PLC) located in the electrical room of the water treatment facility. Wells are called to start and stop based on the levels of the two water storage tanks located on the east side of Interstate 10. Two wells are called to run at a time. One well is called for Bypass operations and the other for treatment through the RO system. Well 6 is currently not being used due to the poor water quality. In the event of a power outage at a well facility, with the exception of well No. 4, the well facilities will not be operational. During and after an outage, the SCADA system may identify several alarm conditions that should be acknowledged and reset after power is restored. Well No. 4 is backed by the water treatment facility's standby generator set.

## **2.3. Condition of Existing Facilities**

### 2.3.1. Wells

Based on the existing operation of the four wells, the system has an average day pumping capacity of approximately 2.51 million gallons per day (MGD), based on the wells operating 60% of the time, which is commonly accepted in municipal water system design. The theoretical peak day capacity of 4.18 MGD is based on the wells operating 24-hours per day. The peak and average day capacities of the existing wells in operation are presented in Table 2.3.1. With Well 6 not in use at the moment, the peak day capacity is reduced to 3.32 MGD.

**TABLE 2.3.1.1. WATER SUPPLY WELL CAPACITIES**

Well	Rated Peak Day Capacity		Average Day Capacity	
	gpm	MGD	gpm	MGD
1	600	0.86	360	0.52
2	0	0.00	0	0.00
3	600	0.86	360	0.52
4	1100	1.58	660	0.95
5	0	0.00	0	0.00
6	600	0.86	360	0.52
7	0	0.00	0	0.00
Totals	2900	4.18	1740	2.51

Wells 1, 3, 4, and 6 are considered to be in good condition as improvements were completed within the past few years for these wells. However, Well 6 is not in use due to poor water quality. Wells 2, 5, and 7 need work to be completed in order to put them back into service. The original Well 4 was plugged September 2012 prior to the re-drilling of Well 4. At the date of plugging, the static water level was measured to be 71 feet below ground level.

Well Drawdown data is limited. Step drawdown tests were performed during the completion of the most recent wells and are the most recent data available pertaining to drawdown. Table 2.3.1.2 shows the static ground water level data available for Wells 1, 3, 4, and 6. It is recommended that the groundwater level be monitored at each of the wells to ensure the water level never drops below the pump or screen settings.

**TABLE 2.3.1.2. AVAILABLE GROUNDWATER LEVEL**

Well	Drill/Re-Drill Date	Static Water Level (ft) at Drilling	Depth to Water after Testing	Pump Setting (ft)	Screen Placement (ft)	Well Depth (ft)	Pump Capacity (gpm)
1	February, 2010	94	176 ft at 1,009 gpm	Bowl at 440 feet	284-384, 472-572	596	600
3	October, 1998	89	152 ft at 1,200 gpm	260	280-480	500	600
4	September, 2012	74	162 ft at 1,209 gpm	Bowl at 440 feet	284-384, 472-572	596	1100
6	October, 1998	102	150 ft at 1,200 gpm	260	300-500	520	600

2.3.1.1. Well No. 3

A pilot hole was drilled to a total depth of 1,011 feet in November 1998 for determination of screen placement for the construction of the well. Well 3 has a capacity of 600 gpm with a continuous screen from 280 to 480 feet. The pump setting of 260 feet is expected to provide adequate submergence as Shomaker and Associates predicted a static water level of approximately 224 feet for year 2019 based on a 1,200 gpm pumping rate.

The step drawdown and constant rate tests performed in 1998 determined the specific capacity to range from 11.7 to 13.1 gpm/ft while the aquifer transmissivity was estimated at 40,000 gpd/ft. The 1998 study took into account the present day non pumping water level, short term drawdown, long term drawdown, and an estimated 2ft/yr decline due to wells within the area to estimate future static water levels. Using a pumping rate of 1,200 gpm, the static water levels were estimated to be 176 feet in 2000, 202 feet in 2009 and 224 feet in 2019.

2.3.1.2. Well No. 6

Similar to Well 3, a pilot hold was drilled to a total depth of just of 1,011 feet in October 1998 for determination of screen placement for the construction of the well. It was determined that the best option for the screen would be to have a continuous screened interval from 300 feet to 500

feet. The pump setting of 260 feet is expected to provide adequate submergence as Shomaker and Associates predicted a static water level of approximately 222 feet for year 2019 based on a 1,200 gpm pumping rate.

The step drawdown and constant rate tests performed in 1998 determined the specific capacity to be approximately 12.1 gpm/ft while the aquifer transmissivity was estimated at 40,000 gpd/ft. The 1998 study took into account the present day non pumping water level, short term drawdown, long term drawdown, and an estimated 2ft/yr decline due to wells within the area to estimate future static water levels. Using a pumping rate of 1,200 gpm, the static water levels were estimated to be 173 feet in 2000, 199 feet in 2009 and 222 feet in 2019.

### 2.3.2. Tanks

The two 1-million gallon storage tanks are in fairly good condition. The south tank has moisture around the ring wall foundation. The total storage volume needed in 2035 was determined by summing the equalization, fire, and emergency storage volumes. This calculation determined that 2.8 million gallons was required in 2035. The detailed calculations including assumptions can be found in section 4 of this report where the system storage will be analyzed for a 20-year planning period.



### 2.3.3. Arsenic Removal Facility

The water treatment facility is the newest water infrastructure within the system as it was put into use in 2013. This facility is in good condition.



### 2.3.4. Distribution System

The distribution system is functioning as needed, but requires maintenance and repairs to keep the system function as efficiently as possible. Waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions are considered to be in poor condition as they require monthly attention. There are various other 2-inch waterlines within the system within the Green



Meadows Estates, Kaylar and Timbers Addition, and Quintas De Dos Lagos Subdivisions which require attention.

Within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions are the waterlines in the poorest condition analyzed within this report. The existing waterlines along Donaldson, south Gorman, and Ramsey Streets are 6-inch PVC waterlines. The existing waterlines along Timber Street is a 4-inch PVC waterline. The existing waterline along Davis Street is a 3-inch PVC waterline.

#### 2.3.5. Maintenance

AWSD works diligently to maintain each piece of infrastructure within their system. However, maintenance prolongs the life of the system but does not mean that parts of the system will not require replacement over time. Many of the waterlines and valves were installed over 50 years ago. The following list primarily serves as a to-do list for the AWSD personnel for general maintenance requiring immediate attention.

Current maintenance issues needing attention include:

- Water system is lacking valve exercising including lost isolation valves, and valve boxes full of dirt or debris.
- Meter sites need to be cleaned and hydrants need to be re-painted.
- Existing well and storage tank sites could use general maintenance.

#### 2.4. Financial Status of Any Existing Facilities

Table 2.4.1 shows the current residential and commercial water rates.

**TABLE 2.4.1. RESIDENTIAL AND COMMERCIAL WATER RATES**

Residential Water Rates				
Meter Size (in)	Monthly Charge per Unit (\$)	First 15,000 Gallons of Usage (\$/1000 gallons)	15,001 to 50,000 Gallons of Usage (\$/1000 gallons)	Over 50,000 Gallons of Usage (\$/1000 gallons)
5/8 or 3/4	\$14.33	\$2.02	\$2.34	\$2.66
1	\$20.05	\$2.02	\$2.34	\$2.66
1 1/2	\$23.18	\$2.02	\$2.34	\$2.66

Commercial Water Rates					
Meter Size (in)	Monthly Charge per Unit (\$)	0 to 15,000 Gallons of Usage (\$/1000 gallons)	15,001 to 50,000 Gallons of Usage (\$/1000 gallons)	50,000 to 250,000 Gallons of Usage (\$/1000 gallons)	Gallons of Usage (\$/1000 gallons)
5/8 or 3/4	\$20.05	\$2.02	\$2.34	\$2.66	\$2.66
1	\$23.88	\$2.02	\$2.34	\$2.66	\$2.66
1 1/2	\$26.52	\$2.02	\$2.34	\$2.66	\$2.66
2	\$29.71	\$2.02	\$2.34	\$2.66	\$2.66
3	\$47.74	\$2.02	\$2.34	\$2.66	\$2.66
4	\$62.59	\$2.02	\$2.34	\$2.66	\$2.66
6	\$328.88	\$2.02	\$2.05	\$2.02	\$2.12

The current debt payment for the 2016 fiscal year is \$192,545 while the debt reserve is \$40,000.

2.4.1. Existing Debts

The AWSD is currently in the process of paying off a **total amount of \$4.8 million in loans through the Rural Utilities Service (RUS) as well as the New Mexico Finance Authority (NMFA)**. The AWSD currently makes an approximate monthly payment of \$22,243.85 in total for their current loans. Most of the total loan amount comes from the RUS loans for the water system as well as the arsenic/nitrate project. AWSD started making payments on the RUS water system purchase loan in 1993 and will make their last payment in 2033 at the minimum monthly payment. The arsenic/nitrate removal facility was funded through the aid of a RUS loan valued at \$1.5 million where AWSD is expected to make their last payment in year 2052. The loan expected to be paid off the quickest is the arsenic/nitrate project loan WTB-0048 from the NMFA which is expected to be paid in full in year 2027. Table 2.4.1.1.1 shows the NMFA and RUS loan and grant funds used for AWSD improvements from 1993 to the present date.

**TABLE 2.4.1.1. RUS AND NMFA LOAN AND GRANT FUNDING**

Loan or Grant	Total	Monthly Payment	Yearly Payment	Due Date	Start Date	Completion Date
<b>Rural Utilities Service (RUS) Loans</b>						
Water System Purchase	\$1,930,000	\$9,631	\$115,572	16th Month	9/16/1993	9/16/2033
Arsenic/Nitrate Project	\$1,493,000	\$4,733	\$56,796	7th Month	3/7/2012	3/7/2052
<b>New Mexico Finance Authority (NMFA) Loans and Grants</b>						
Arsenic/Nitrate Project Loan WTB-0048	\$75,000		\$3,911.36	June 1st	9/28/2007	6/1/2027
Arsenic/Nitrate Project Grant WTB-0048	\$675,000					
Arsenic/Nitrate Project Loan WTB-75	\$100,000		\$5,132.00	June 1st	7/23/2010	6/1/2030
Arsenic/Nitrate Project Grant WTB-75	\$400,000					
Meter Replacement Project Loan 2741-DW-Aggregate Rep. Principal	\$212,500	\$1,082.32	\$12,987.84	1st Month	11/1/2014	5/1/2033
Meter Replacement Project 2741-DW-Aggregate Forgiven Amount	\$637,500					
Refunding and Equipment Loan 3272 PP Refinance 3 RUS Loans & Equipment	\$982,356	\$6,797.53	\$81,570.36	1st Month	5/15/2015	5/1/2038
Sonic LS Replacement Project Loan 3167-CIF-WW Syst. Imp.	\$10,000		\$256.00	June 1st	4/10/2015	6/1/2034
Sonic LS Replacement Project Grant 3167-CIF-WW Syst. Imp.	\$90,000					

**Totals                                    \$6,605,356    \$22,243.85    \$276,225.56**

**Total Loan Amount                    \$4,802,856**

**Total Grant Amount                    \$1,802,500**

The refunding and equipment loan 3272 consists of approximately \$283,515 with refunding amounts of \$314,190, \$175,982, and \$208,669. See Appendix L for the loan and grant documents from AWSD.

**2.4.2. Reserve Requirements**

Table 2.4.2.1 shows the reserve requirements for 2014. See Appendix M for reserve documents received from AWSD.



**TABLE 2.4.1.2.1. 2014 RESERVE REQUIREMENTS**

<b>Account</b>	<b>Payments 2014</b>
N/P RUS BLDG	\$1,398.00
N/P RUS Effluent Outfall	\$1,743.96
N/P RUS Effluent Outfall	\$936.00
N/P RUS Effluent Outfall	\$10,896.00
N/P - RUS Drink Water	\$6,951.60
BEIF Grant O&M Reserve	\$11,515.34
BEIF Grant R&R Reserve	\$26,924.76
	<b>\$60,365.66</b>

2.4.3. Capital Improvement Plan

Table 2.4.3.1 shows the AWS D capital improvement plan through year 2021.

TABLE 2.4.3.1. 2017-2021 AWS D INFRASTRUCTURE CAPITAL IMPROVEMENT PLAN

Infrastructure Capital Improvement Plan FY 2017-2021													
Anthony WSD													
Project Summary													
ID	Year	Rank	Project Title	Category	Funding to Date	2017	2018	2019	2020	2021	Total Project Cost	Amount Not Yet Funded	Phases
23833	2017	1	Wastewater Treatment Plant Upgrade/ Improvement	Wastewater	\$50,000	\$550,000	\$2,450,000	\$5,000,000	\$5,000,000	\$4,000,000	\$17,050,000	\$17,000,000	Yes
18135	2017	2	Farmers Market/ Youth Recreation Center/ Park	Public Parks (Local)	\$369,000	\$1,160,000	\$350,000	\$0	\$0	\$0	\$1,879,000	\$1,510,000	Yes
25297	2017	3	Water Distribution Extension	Water Supply	\$134,000	\$306,000	\$750,000	\$550,000	\$200,000	\$2,000,000	\$3,940,000	\$3,806,000	Yes
21613	2017	4	Water Line Replacement Timber Addition	Water Supply	\$0	\$35,000	\$100,000	\$1,000,000	\$0	\$0	\$1,135,000	\$1,135,000	Yes
20311	2017	5	Lift Station Improvements	Wastewater	\$2,280,000	\$1,500,000	\$0	\$0	\$0	\$0	\$3,780,000	\$1,500,000	No
16453	2017	6	Wastewater Collection Line Extensions Unserve Area	Wastewater	\$0	\$190,000	\$810,000	\$0	\$0	\$0	\$1,000,000	\$1,000,000	Yes
28506	2017	7	Administration Building Upgrades	Adm/Service Facilities (Local)	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$100,000	No
28507	2017	8	Community Park	Public Parks (Local)	\$0	\$35,000	\$40,000	\$500,000	\$0	\$0	\$575,000	\$575,000	Yes
28511	2017	9	Farmers Market New Well	Water Supply	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$50,000	Yes
28502	2018	1	Water interceptor Line Extensions	Wastewater	\$0	\$0	\$75,000	\$1,000,000	\$0	\$0	\$1,075,000	\$1,075,000	No
28488	2018	2	New 2.0 Million Gallon Water Storage Tank	Water Supply	\$0	\$0	\$35,000	\$120,000	\$1,200,000	\$0	\$1,355,000	\$1,355,000	Yes
28490	2018	3	West Side Water Service	Water Supply	\$0	\$0	\$250,000	\$50,000	\$200,000	\$2,000,000	\$2,500,000	\$2,500,000	Yes
28496	2018	4	Re-Coating Existing Storage Tanks	Water Supply	\$0	\$0	\$40,000	\$200,000	\$0	\$0	\$240,000	\$240,000	No
28545	2018	5	Wastewater Treatment Plant Solar Energy	Wastewater	\$0	\$0	\$50,000	\$1,200,000	\$1,000,000	\$0	\$2,250,000	\$2,250,000	Yes
28469	2019	1	Water Rights Acquisition	Water Rights	\$0	\$0	\$0	\$40,000	\$20,000	\$250,000	\$310,000	\$310,000	Yes
28505	2019	2	Wasterwater Lift Station Elimination	Wastewater	\$0	\$0	\$0	\$75,000	\$500,000	\$500,000	\$1,075,000	\$1,075,000	No
28514	2019	3	Well No. 2 Redevelopment	Water Supply	\$0	\$0	\$0	\$35,000	\$20,000	\$700,000	\$755,000	\$755,000	Yes
29318	2019	4	Well No. 5 Redevelopment	Water Supply	\$0	\$0	\$0	\$55,000	\$50,000	\$650,000	\$755,000	\$755,000	Yes
30540	2019	5	Effluent Reuse	Wastewater	\$0	\$0	\$0	\$200,000	\$1,200,000	\$0	\$1,400,000	\$1,400,000	Yes
28548	2020	1	Equipment, Vehicles and Backhoes	Water Supply	\$260,000	\$0	\$0	\$0	\$120,000	\$0	\$380,000	\$120,000	Yes
				<b>Totals</b>	<b>\$3,093,000</b>	<b>\$3,926,000</b>	<b>\$4,950,000</b>	<b>\$10,025,000</b>	<b>\$9,510,000</b>	<b>\$10,100,000</b>	<b>\$41,604,000</b>	<b>\$38,511,000</b>	

## **2.5. Water/Energy/Waste Audits**

### **2.5.1. Energy Efficiency**

Table 2.5.1.1 shows the energy usage and efficiency at the four wells in use taken from a combination of well specific data from the first five months of 2015 and the last seven months of 2014. The peak monthly usage varied from well to well when compared to the average monthly usage.

The most energy was used at the site for Well 4. This well requires the most energy usage as the arsenic removal facility operates at the same property. Regardless of energy use, Well 4 also supplies the most water to the system. Well 4 efficiency values should not be viewed in a negative manner due to the arsenic removal facility operating in conjunction with Well 4. However, the variation in efficiency between Well 1 and Well 3 is noticeable and should be taken into consideration.

Well 6 is also an interesting case, a significant amount of energy has been used over the course of 2014 and 2015 without any water being supplied to the system. This is due to the water quality at Well 6 being poor; therefore Well 6 is not functioning at this time. Operators are flushing the well weekly and the HVAC and other electrical equipment are being used, which is suspected to be the source of the energy usage.

General maintenance personnel did mention that they average one leak per week on the older waterlines which could have an effect on the efficiency of the system.



**TABLE 2.5.1.1. WELL ENERGY USAGE**

Well	Address	Peak Monthly Usage (KWH)	AVG Monthly Usage (KWH)	AVG Monthly Cost	Peak Pumping Volume (ac-ft)	AVG Pumping Volume (ac-ft)	Average Efficiency (\$/ac-ft)
1	1025 E. Livesay St .	18,632	7,611	\$760.62	38.2	16.25	\$61.09
3	132 Saint Anthony's St.	17,000	9,850	\$1,602.06	53	19.48	\$83.37
4	1127 Van Buren St.	94,720	67,495	\$6,998.48	80.9	65.73	\$120.51
6	1361 Fourth St.	256	222	\$528.45	0	0	N/A

2.5.2. Water Distribution System Efficiency

The AWS D keeps records showing monthly water production as well as a total gallons sold. Using these records from October 2014 through October 2015, **The AWS D on average produces 32.3 million gallons per month with 25 million gallons sold. This means that on average, 22.02% is lost through accountable or unaccountable means.** Table 2.5.2.1 shows the water distribution system efficiency.

**TABLE 2.5.2.1. WATER DISTRIBUTION SYSTEM EFFICIENCY**

Date	Gallons Produced	Gallons Sold	Total Loss	Unaccounted-Loss	Unaccounted Percent Loss
Nov-14	27,861,000	20,676,000	25.79%	2,991,300	10.74%
Dec-14	21,675,000	17,424,250	19.61%	695,250	3.21%
Jan-15	23,162,000	19,811,000	14.47%	1,046,000	4.52%
Feb-15	21,545,125	18,371,475	14.73%	114,475	0.53%
Mar-15	25,393,000	17,911,350	29.46%	5,332,150	21.00%
Apr-15	34,752,000	26,557,000	23.58%	3,745,000	10.78%
May-15	36,267,000	26,935,000	25.73%	4,446,000	12.26%
Jun-15	42,758,000	31,727,000	25.80%	5,713,000	13.36%
Jul-15	41,042,000	33,713,000	17.86%	2,249,795	5.48%
Aug-15	40,687,000	31,476,000	22.64%	3,419,000	8.40%
Sep-15	42,787,000	31,785,000	25.71%	5,725,500	13.38%
Oct-15	29,701,000	24,101,000	18.85%	1,535,500	5.17%
<b>Average</b>	<b>32,302,510</b>	<b>25,040,673</b>	<b>22.02%</b>	<b>3,084,414</b>	<b>9.07%</b>

Table 2.5.2.2 shows the itemized losses as documented by the AWSD. The important takeaways from Table 2.5.2.2 are that approximately 42.5% of the water lost is not accounted for with a volume of approximately 3.09 million gallons per month. Also, it should be noted that the RO waste stream accounts for approximately 2.6 million gallons per month correlating to 36.4% of the total water lost per month. The RO waste stream accounts for approximately 8.2% of the total water produced per month. Unaccounted losses could include water line breaks, hydrant flushing, or tank overflow among a variety of other factors.

**TABLE 2.5.2.2. WATER LOSS**

Date	Total Loss (gallons)	RO Waste (gallons)	AWSD Facilities (gallons)	AWSD Liftstations (gallons)	Net Computer Adjustment (gallons)	Community Water (gallons)	Unaccounted Loss (gallons)
11-14	7,185,000	2,635,200	176,000		1,227,500	155,000	2,991,300
12-14	4,250,750	2,196,000	61,000	1,000	1,231,500	66,000	695,250
1-15	3,351,000	990,000	85,000	1,000	1,228,000	1,000	1,046,000
2-15	3,173,650	1,458,000	244,000	1,000	1,231,000	125,000	114,475
3-15	7,481,650	1,782,000	111,000	1,000	123,500	132,000	5,332,150
4-15	8,195,000	2,520,000	317,000	1,000	1,233,000	179,000	3,745,000
5-15	9,332,000	3,177,000	353,000	1,000	1,230,000	105,000	4,466,000
6-15	11,031,000	3,330,000	633,000	1,000	1,233,000	114,000	5,713,000
7-15	7,329,000	3,411,000	300,205	3,000	1,233,000	132,000	2,249,795
8-15	9,211,000	4,023,000	203,000	3,000	1,244,000	319,000	3,419,000
9-15	11,002,000	3,564,000	134,000	3,000	1,236,500	339,000	5,725,500
10-15	5,600,000	2,619,000	98,000	2,000	1,236,500	109,000	1,535,500
<b>Average</b>	<b>7,261,838</b>	<b>2,642,100</b>	<b>226,267</b>	<b>1,636</b>	<b>1,140,625</b>	<b>148,000</b>	<b>3,086,081</b>

The total loss correlates to 267.5 ac-ft/yr while the loss not accounted for correlates to 113.6 ac-ft/year.

## **2.6. Historic Water Use**

### **2.6.1. Water Usage and Demand**

Historically, water use has declined within the AWSD system as water use was approximately 174.62 gpcd in 1995 and was reduced to 106.64 gpcd in 1999 despite an increase in metered customers of 7% annually between 1993 and 1999 ( OSE, 2001). Based on the total water

pumped in 2005 and 2006, the average use in the service area was approximately 91 gallons per capita per day (gpcd) in 2005 and 117 gpcd in 2006. Low month per capita use over the same time frame was 65 gpcd in 2005 and 76 gpcd in 2006, while high month per capita use was 124 and 168 gpcd, respectively.

As of May 2015 there are approximately 2356 residential customers and 106 commercial customers with the peak usage within the past year coming in July 2014 with a total number of gallons sold equivalent to 34,855,280 gallons. During July 2014, there were 2364 residential users and 111 commercial users. The peak water usage estimated for July 2014 is 423 gpd (gallons per day) per meter among residential users and 1122 gpd per meter among commercial users. Based on an estimated service population of approximately 10,155 people for 2014, that average usage becomes 111 gpcd (gallons per capita per day) including commercial users. The average usage would be 120 gpcd during the peak month if the 2010 population were to be utilized. The average water use for AWS D is approximately 77 gpcd based on values from 2014.

These values seemed low; therefore another methodology was utilized for GPCD calculations to compare. The other methodology was derived to not include the population estimate as it is difficult to determine the exact number of people served by AWS D based on Anthony CDP population estimates and existing meter data. This methodology consists of the summation of the residential and commercial gallons sold with the division of that value by the days within the month multiplied by a value of 3.44 persons per meter. The value of 3.44 persons per household was obtained from 2014 US Census Bureau estimates for the Anthony CDP. Values based on this calculation appear to be more realistic as the peak month gpcd usage was determined to be 132 gpcd and the average gpcd determined to be 93 gpcd. Table 2.6.1.1 shows the calculation comparisons.



TABLE 2.6.1.1. AWS D GPCD 2014/2015 DETERMINATIONS

Year	Month	Residential Customers	Commercial Customers	Residential Gallons Sold	Commercial Gallons Sold	Estimated Population	Residential GPD/Meter	Commercial GPD/Meter	* Combined GPCD-Projected Population	**Residential GPCD-Housing Unit Based	**Combined GPCD-Housing Unit Based
2014	May	2,364	114	22,722,620	3,039,210	10,155	310.1	860.0	81.8	90.1	97.5
2014	June	2,363	111	23,977,000	4,232,000	10,155	338.2	1,270.9	89.6	98.3	106.9
2014	July	2,364	111	30,995,080	3,860,200	10,155	422.9	1,121.8	110.7	122.9	132.1
2014	August	2,366	109	27,787,480	2,990,000	10,155	378.9	884.9	97.8	110.1	116.6
2014	September	2,354	109	24,461,950	3,207,930	10,155	346.4	981.0	87.9	100.7	105.3
2014	October	2,357	110	25,499,730	3,088,000	10,155	349.0	905.6	90.8	101.5	108.7
2014	November	2,348	112	18,767,000	2,222,000	10,155	266.4	661.3	66.7	77.4	80.0
2014	December	2,344	112	18,115,000	2,605,000	10,155	249.3	750.3	65.8	72.5	79.1
2015	January	2,353	111	15,173,250	2,317,000	10,328	208.0	673.4	54.6	60.5	66.6
2015	February	2,353	107	18,274,000	1,631,000	10,328	277.4	544.4	62.2	80.6	75.9
2015	March	2,354	108	16,930,650	1,489,030	10,328	232.0	444.8	57.5	67.4	70.2
2015	April	2,356	106	16,069,350	1,842,000	10,328	227.4	579.2	55.9	66.1	68.2
2015	May	2,356	106	24,039,000	2,562,000	10,328	329.1	779.7	83.1	95.7	101.3
<b>Average</b>		<b>2,356</b>	<b>110</b>	<b>21,754,778</b>	<b>2,698,875</b>	<b>10,222</b>	<b>303</b>	<b>804</b>	<b>77</b>	<b>88</b>	<b>93</b>
* GPCD calculation is based on population estimates from the population projection											
** GPCD calculation is a value of 3.44 persons per household. For these calculations, it is assumed that there are 3.44 persons per meter. 3.44 was the value obtained from the US Census Bureau.											

2.6.2. Well Usage

The Anthony Water and Sanitation District is required to pump a maximum of 2244.9 acre feet per annum from the 7 wells within the system. Table 2.6.2.1 shows the annual volume of water

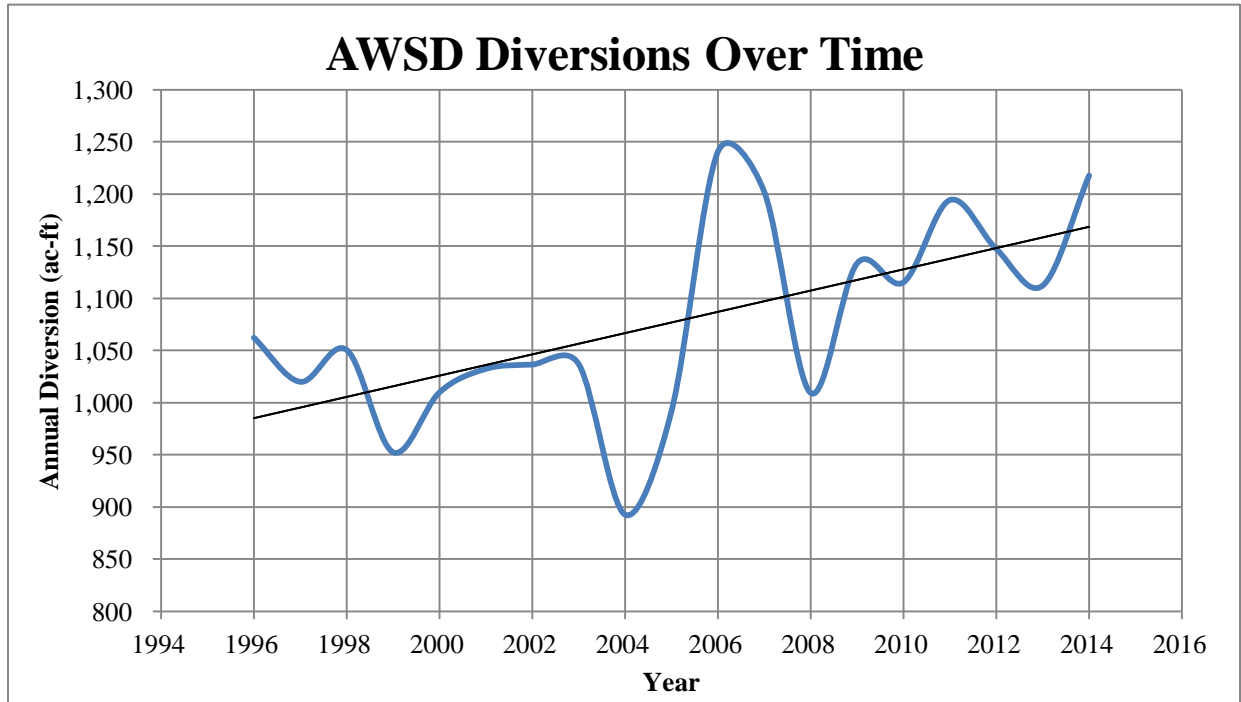


pumped from Wells within the system. Figure 2.6.2.1 shows the variation in annual water demands supported by the AWSD. Figure 2.6.2.1 includes a linear trend line to show the overall growth trend of the pumping volume per annum by the AWSD.

**TABLE 2.6.2.1. ANNUAL AWSD WELL DIVERSIONS**

OSE Metered Diversions LRG-04793 All Wells	
Year	Cumulative Diversion (ac-ft/year)
1996	1,062
1997	1,020
1998	1,051
1999	952
2000	1,010
2001	1,032
2002	1,037
2003	1,037
2004	892
2005	992
2006	1,241
2007	1,202
2008	1,009
2009	1,134
2010	1,115
2011	1,194
2012	1,147
2013	1,112
2014	1,218
<i>2012: 1,703.6 ac-ft is reported with (amount in WATERS 1,147.4 ac-ft)</i>	

**FIGURE 2.6.2.1. ANNUAL AWSD WELL DIVERSIONS**



### 2.6.3. Future Water Usage and Demand

The peak day usage is difficult to measure because the storage tanks attenuate daily peaks. For most municipal water systems the peak daily factor is typically 1.5 to 3.5 times the average daily use. Peak day usage generally occurs in the month with the highest usage. Using a peaking factor of 1.8, the current system peak day usage for the service area is estimated to be 1.72 mgd with a future projection of 2.42 mgd for the year 2035.

Based on a comparison with the well capacities, the water system is currently able to meet the average and peak daily water demand exerted by its customers. The existing wells can produce 3.32 million gallons per day with the three pumps operating 24 hours per day. Therefore, the water system facilities are currently able to meet the peak day demand.



In order to meet the storage requirements, the water system must have the capacity for equalization, two hours of fire flow, and emergency storage. Equalization storage required was determined to be approximately 200,000 gallons based on the system capacity of 1,550 gpm through the RO system with two wells functioning. Fire storage was determined to be 180,000 gallons based on 1,500 gpm for 2 hours. The emergency storage was determined to be 1.7 million gallons for 2015 and 2.4 million gallons for 2035 using the maximum daily demand. The maximum daily demand was used for emergency storage because AWS D currently relies on three functioning wells meaning that if one or two Wells went down, AWS D would need to rely on the emergency storage. The water system currently has 2 million gallons of storage. Therefore, the system does not have adequate storage to meet the estimated current need of 2.1 million gallons of storage which is projected to grow to 2.8 million gallons by 2035.

As described in Section 2, the estimated population for the service area for the year 2015 is 10,328 while it is 14,462 people for the year 2035.



Existing data from Table 2.6.1.1 was utilized for projected water system demands. A usage of 93 gpcd and 132 gpcd were utilized for average and high month daily demands. A peak daily demand was determined to be 167 gpcd utilizing a factor of 1.8 multiplied by the average daily demand (Lin, 2001). The estimated daily demands are shown in Table 2.6.3.1. The existing three wells that are currently in service will be able to meet the expected average daily demands and peak demands for 2035. They will also be able to meet the future projected average daily demands for 2035; however, it is important that at least one of the wells not in service be put into service to provide a factor of safety.



**TABLE 2.6.3.1. PROJECTED WATER SYSTEM DEMANDS**

Year	Population	Average Day Demand		High Month Daily Demand		Peak Daily Demand	
		gpm	mgd	gpm	mgd	gpm	mgd
2015	10,328	667.02	0.96	946.73	1.36	1,197.76	1.72
2035	14,462	934.00	1.34	1,325.68	1.91	1,677.19	2.42

## **2.7. Water Rights**

All New Mexico water rights are regulated by the Office of the State Engineer (OSE) and the Water Resource Allocation Program (WRAP). Anthony, NM is located in the Lower Rio Grande Underground Water Basin, which is monitored by District 4 of the OSE. The OSE and WRAP are responsible for processing water rights applications, conducting the scientific research for making those water rights decisions, maintaining water rights records, monitoring water use, and enforcing any conditions of restrictions on water use.

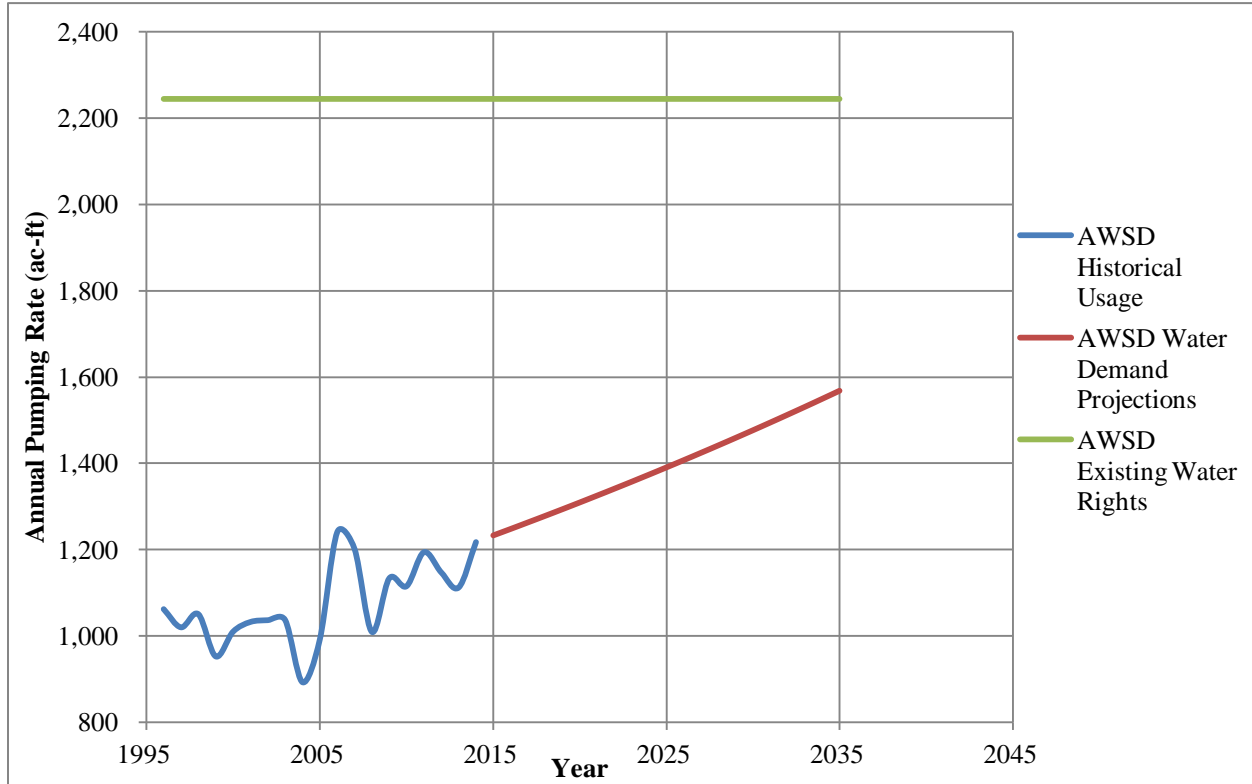
Future water demands demonstrate that the AWS D will not need to pursue the acquisition of more water rights. If AWS D service population were to increase by approximately 52%, it is expected that Anthony would not need additional water rights as they are currently utilizing only 54.1% of their rights. Future water demands exceed the current permitted amount. The acquisition of more water rights would require the AWS D to submit an application to OSE or purchase water rights from other sources. Table 2.7.2.1 shows some water rights projections based on cumulative rates of diversion amongst the existing wells per annum. The linear projection utilizes the linear trend line produced on Table 2.6.2.1. The power projection utilizes a small exponential increase based on existing data to determine the future pumping demands. The final projection method utilizes the average percentage change in pumping volumes from year to year to estimate the future demands of the system. Figure 2.7.1 shows the water rights projections presented in Table 2.7.1.

**TABLE 2.7.1. WATER RIGHTS DEMAND PROJECTIONS**

Year	Pumping Volume (ac-ft)		
	Linear	Power	Average 1.21 % Growth
2015	1,178	1,196	1,233
2016	1,188	1,207	1,248
2017	1,198	1,218	1,263
2018	1,208	1,230	1,278
2019	1,218	1,241	1,293
2020	1,229	1,253	1,309
2021	1,239	1,264	1,325
2022	1,249	1,276	1,341
2023	1,259	1,288	1,357
2024	1,269	1,300	1,374
2025	1,279	1,312	1,390
2026	1,290	1,324	1,407
2027	1,300	1,336	1,424
2028	1,310	1,349	1,441
2029	1,320	1,361	1,459
2030	1,330	1,374	1,476
2031	1,340	1,387	1,494
2032	1,351	1,399	1,512
2033	1,361	1,412	1,531
2034	1,371	1,425	1,549
2035	1,381	1,439	1,568



**FIGURE 2.7.1. WATER RIGHTS DEMAND PROJECTIONS**



The current amount of water rights owned by AWS D is 2,249.9 acre- ft. The AWS D pumped approximately 1,217.5 acre-ft from four of their seven wells during the year of 2014 showing room for growth within their system. During the year, 2014 the AWS D used 54.1% of their allotted volume of water they were allowed to divert. Table 2.7.2 does not show water rights associated with Wells 2, 5, and 7 which are not in use. This is why the sum of the water rights values is not equal to the 2,249.9 acre-feet per year allotted to AWS D. Documents explaining AWS D water rights in more detail can be found in Appendix F.

**TABLE 2.7.2. EXISTING WATER RIGHTS**

Well No.	Water Rights (ac-ft/yr)	Water Rights (MG/yr)	Max Pumping avg (MGD)
1	581	189.31	0.519
3	290	94.49	0.259
4	968	315.40	0.864
6	100	32.58	0.089
<b>Totals</b>	<b>1939</b>	<b>631.78</b>	<b>1.731</b>

2.7.1. Water Rights History

On April 13, 1984, Anthony Water Works Inc. (AWW) filed declarations claiming ownership of five wells in the Lower Rio Grande Underground Water Basin which were drilled prior to declaration of the Lower Rio Grande Underground Water Basin on September 11, 1980 (OSE, 2001). The declared quantity of ground water to be appropriated and beneficially used was 1,750 acre-feet per year (afy).

On July 18, 1988, AWW filed amended declarations for the five wells (LRG-4793 through LRG-4793-S-4) where the declared quantity of water to be appropriated was 2,225.9 afy from all wells combined with a claimed priority of 1955. AWSO acquired the wells and water rights of AWW and filed changes of ownership for wells LRG-4793 through LRG-4793-S-4, S-7, and S-8 in October of 1993.

AWSO obtained federal funding in 1996 for the construction of new wells. These wells needed to be completed quickly to avoid facing the loss of funding, therefore AWSO drilled replacement wells within 100 feet of the existing wells LRG-4793-S-8 and LRG4793-S-2. As of 2014, AWSO has pumped a maximum historic amount of 1,241 afy which is 55.3% of the maximum allotted 2,244.9 afy.

OSE application Nos. LRG-4793-S-8 and LRG-4793-S-2 for permits to change location of wells were approved and subject to conditions. Well 6 (LRG-4793-S-8) may increase diversion from 100 afy to 800 afy. Well 3 (LRG-4793-S-2) may increase diversion from 290 afy to 800 afy. Total diversion of all wells shall not exceed 2,244.9 afy measured at the wellheads. Well 6 can

divert up to a maximum of 800 afy provided that the total annual diversion from all of its wells combined does not exceed 1,160.55 afy measured at the well heads. Well 3 has similar conditions regarding the 800 afy diversion. OSE permits should be reviewed and verified before any changes to volumes of diversions. A copy of the 2001 OSE document can be found in Appendix F.



### **3.0 NEED FOR PROJECT**


There are areas within the AWS D boundaries which currently do not have service. The residents have been providing their own water through the use of private water wells; however, with the drought conditions many of these wells have gone dry leaving the residents without water.

These residents have asked for the AWS D to expand water service to this area in order for them to have a reliable water source. The Gadsden Independent School District has also requested that the AWS D expand their water service to serve both Gadsden High School and the Alta Vista Early College High School.

This Preliminary Engineering Report (PER) identifies necessary water infrastructure improvement projects for the Anthony Water and Sanitation District and determines the best alternatives for completion of these projects in terms of construction costs, operation costs, and future impacts. This report shall be utilized to attempt to obtain funds for the construction of water infrastructure projects in phases.

The PER and corresponding Environmental Document for water system improvements will include the following projects:

- Expansion of water service to areas currently not served. These areas include locations where property owners are on privately owned water wells which have gone dry due to the drought conditions. This expansion would also begin the infrastructure to cross the Rio Grande with the long term goal of interconnecting the La Union system to allow for redundancy if an outage occurs in either system.
- Replacement of existing polyethylene waterlines located in the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions. This older area of Anthony has many leaks and the aging infrastructure needs to be replaced to continue to provide reliable service. AWS D responded to work orders pertaining to water line leaks totaling 91 leaks in 2013, and 106 leaks in 2014 within the system. The work orders have been included in Appendix N.

- Construction of an additional storage tank. The District currently has 2 million gallons of storage, however; with the growth of the area and the need for emergency storage, an additional 1 million gallon tank is needed. 
- Recommendations for replacement of existing waterlines within the Green Meadows Estates, Kaylar and Timbers Addition, and Quintas De Dos Lagos Subdivisions which lack capacity for fire flow.

### **3.1. Health, Sanitation, and Security**

Table 3.1.1 shows the results of several tests done on behalf of the AWS D. Hall Environmental Analysis Laboratory (HEAL) conducted most of the tests between February 2014 and March 2015 with a sampling point of the blended water after the water has passed through the RO facility. General Electric (GE) conducted their test in August of 2014. Though the tests include levels of various other contaminants that are not considered to be above the maximum contaminant levels (MCL), Table 3.1.1 only shows the measured arsenic levels for each test along with levels of secondary contaminants that were considered to be above the MCL. The water quality tests can be found in Appendix G.

**TABLE 3.1.1. WATER QUALITY TESTS COMPLETED**

<b>Primary Contaminant Arsenic (ppm)</b>		
Testing Organization	Test Date	MCL= 0.010
HEAL	2/20/2014	0.0130
HEAL	5/23/2014	0.0082
HEAL	5/23/2014	0.0019
HEAL	5/23/2014	0.0079
HEAL	5/23/2014	0.0130
GE	8/7/2014	<0.0100
HEAL	11/7/2014	0.0072
HEAL	11/21/2014	0.0072
HEAL	2/5/2014	0.0110
HEAL	3/31/2015	0.0091
<b>Secondary Contaminant Iron (ppm)</b>		
Testing Organization	Date	MCL= 0.30
HEAL	5/23/2014	13
HEAL	5/23/2014	3.9
HEAL	5/23/2014	1.8
GE	8/7/2014	0.002
<b>Secondary Contaminant Chloride (ppm)</b>		
Testing Organization	Test Date	MCL= 250
HEAL	5/23/2014	400
HEAL	5/23/2014	380
HEAL	5/23/2014	390
GE	8/7/2014	17.9
<b>Secondary Contaminant Manganese (ppm)</b>		
Testing Organization	Test Date	MCL= 0.05
HEAL	5/23/2014	0.12
GE	8/7/2014	0.012



With the exception of three of the ten tests, the arsenic levels were reported under the MCL of 0.01 parts per million. The levels of Iron, Chloride, and Manganese all were above the MCL during one or more tests, however, the most recent test conducted by GE showed levels to be below the MCL.



### **3.2. Aging Infrastructure**

The waterlines within the **Enchanted Hills, Mesa Addition, and Las Familias Subdivisions have surpassed their design life and are due for replacement.** This older area of Anthony has many leaks and the aging infrastructure needs to be replaced to continue to provide reliable and efficient service.

20% of the distribution lines need immediate attention as some of the distribution lines were installed in the mid 1950's. Waterlines range in material including cast iron, steel, asbestos, and poly materials. AWS D averages one leak per week on those aging lines. Various lines are smaller than what is needed to provide fire flow. The storage tanks are 21 years old and are under-sized for the system due to population growth and an increase in demand. Wells 1 and 4 were re-drilled in 2012, wells 3 and 6 are approximately 20 years old, and the remaining wells are the original wells constructed in the 1950's to the 1970's.

AWS D maintains approximately 150 fire hydrants and two pressure zones with a minimum of 47 psi for the upper zone and 85 psi for the lower zone. AWS D replaces hydrants on a yearly basis for leaking valves and faulty hydrant seats.

### **3.3. Reasonable Growth**



Like other parts of Doña Ana County, **The city of Anthony is growing,** which means more users for the AWS D to serve and more water. Currently the AWS D is not using the maximum amount of water that it is allotted. Currently AWS D is only utilizing approximately 54% of their allotted water rights. Utilizing the population projection, AWS D is not expected to need additional water rights in the next 20 years.

Due to drought conditions, many Anthony residents have lost water service due to their private property wells going dry. **These property owners have requested water service from the AWS D which would require expansion of the system.**

### **3.4. Long Term Community Benefit**

This project will greatly improve the quality of life for the residents that currently do not have water service to drought conditions causing their private wells to go dry and depriving those residents of reliable water service. This project will help provide the residents with a safe and reliable drinking supply. The waterline extension could allow for increased reliability to the Gadsden Independent School District and could also improve safety by providing adequate water for fire protection.

The waterline expansion could positively impact approximately 350 residents or 90 households and could also allow for the future interconnection of the La Union community which will further increase the system reliability and the service to not only the AWSO customers but also the La Union residents.

An additional storage tank could provide necessary water storage for excessive peak flow and fire demands in conjunction with projected population growth. Replacement of the existing waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions could provide the residents with a more efficient and reliable water system.

## **4.0 ALTERNATIVES CONSIDERED**

This section evaluates the various alternatives for the proposed waterline extension, additional storage tank, and waterline replacement. Cost estimates and descriptions regarding the proposed projects involving the waterline replacement as well as the additional storage tank are presented in section six.

### **4.1. Waterline Extension**

#### **4.1.1. Description**

The AWS D is proposing to expand the water system west across the Rio Grande to accept more people into the service area. These areas include locations where property owners are on privately owned water wells which have gone dry due to the drought conditions; this also includes the Gadsden Independent School District. This expansion would continue along NM 225/Washington Street and provide water service to residents and to Gadsden High School before continuing south along NM 28 to provide service to Alta Vista Early College High School. This expansion would also help with the long term goal of interconnecting with the La Union System to allow for redundancy if an outage occurs in either system.

It is recommended as part of each alternative that a 6-inch waterline be installed just west of NM 478 connecting the existing waterlines on Ohara Road and Willow Avenue. This waterline would be approximately 1,425 feet in length and would provide approximately 50 residential lots with another source of water. Properties within Green Meadow Estates, and Whispering Dove subdivisions would benefit from the additional waterline. These properties would be without water if anything were to happen to the existing 4-inch waterline west of NM 478 and north of Washington Street. The proposed waterline would be constructed within EBID Right-of-Way parallel to an existing drain. The waterline would require an EBID Right of Use Permit. Compliance with the International Boundary and Water Commission may be required. There are several alignments, river crossing methods, as well as pipe size alternatives. All of which are to be analyzed as part of this report.



For the waterline extension across the Rio Grande to Gadsden High School and Alta Vista Early College High School, 10 alternatives will be presented. These alternatives include the no-build alternative, a combination of three different alignment alternatives and three different river crossing methods.

#### 4.1.2. No-Build Alternative

There is an existing 14-inch waterline along O'Hara Road to Dairy Farm Road where there is a 10-inch waterline. There is a 6-inch waterline from Dairy Farm Road down Webb Road approximately 1,650 feet. There is an 8-inch waterline from Dairy Farm Road west down Washington Street approximately 2,500 feet to the east side of the Rio Grande.

The no-build alternative would not include any type of new construction to these waterlines. The no-build alternative would be to tell the twelve property owners and the Gadsden Independent School District requesting water service that they AWSO cannot provide them water meaning they would have to find another source of water to meet their needs. This alternative provides a savings for AWSO by not adding any waterline extensions to the system meaning that no maintenance is added to the current work load. It also provides a savings by not requiring any funding for waterline extension projects. However, the no-build alternative does not meet the purpose and needs statement of this PER. The goal of the waterline extension alternatives as part of this PER is to provide service to the twelve property owners, Gadsden High School, and Alta Vista Early College High School.

#### 4.1.3. Alignment Alternatives

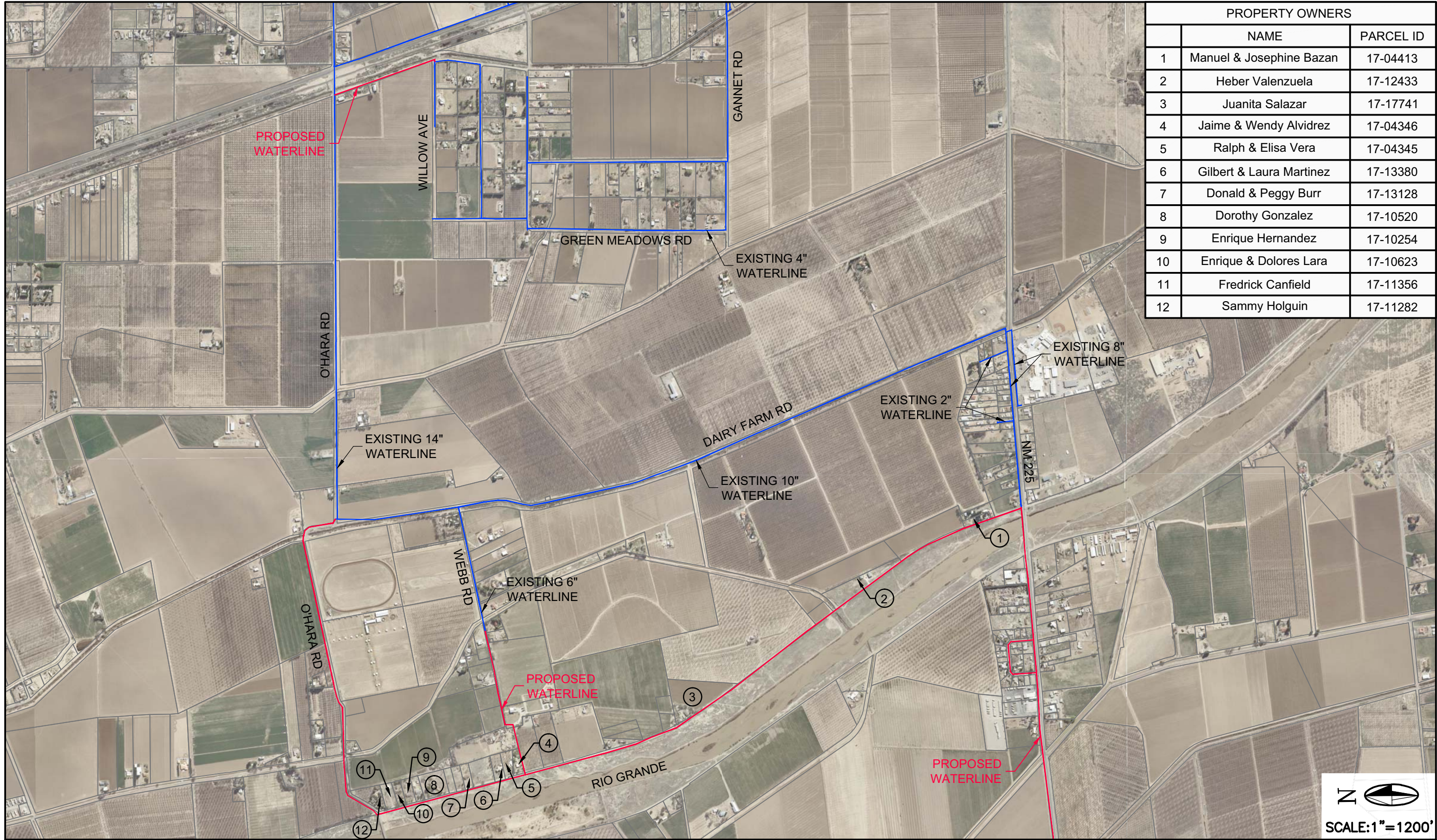
Currently there is an existing 14-inch waterline which travels the alignment of O'Hara Road west to Dairy Farm Road where it meets an existing 10-inch waterline at a gate valve. This 10-inch waterline has existing services west of Dairy Farm Road at Webb Road as well as Washington Street. The existing 6-inch waterline along Webb Road ends just west of the EBID lateral. The 10-inch existing waterline along Dairy Farm Road meets an existing 8-inch waterline just north of the intersection with Washington Street. The existing 8-inch waterline continues west along Washington Street with several services tied to it. The 8-inch PVC waterline ends just before the Rio Grande on the north side of Washington Street at Waterfront Road. The different alignment alternatives are primarily for the east side of the Rio Grande, as there are more alignment possibilities west of the river to Washington Street. Once the waterline has crossed over the Rio Grande, there is just one path to both Gadsden High school as well as Alta Vista Early College High School. The small loop through the residential area isn't considered to be a large expense and has been added to each alternative west of the river.

#### 4.1.3.1. Alternative 1

The east side of alignment alternative 1 consists of a waterline loop extending from the intersection of O'Hara Road/ Dairy Farm Road west to the river and then along the river levy south to Washington Street. A waterline extension on Webb Road would also be applied. The west side of the river would feature a waterline extension from the intersection of the new loop along the river levy and the existing waterline on Washington Street across the river to continue on Washington Street to Gadsden High school and then south along NM 28 to Alta Vista Early College High School. A small waterline loop would also be provided along Boone Circle to provide service to residents within the Boone A J subdivision. Figures 4.1.3.1.1 and 4.1.3.1.2 show the alternative alignments for the waterline extension.



LAST MODIFIED: Dec 21, 2015 - 1:56pm BY USER: jayhaid  
 DWG LOCATION: I:\ANTHONY\ANT15-11-Water PER.DWG  
 DWG NAME: ANT15-11-Figures 4.1.dwg



PROPERTY OWNERS		
	NAME	PARCEL ID
1	Manuel & Josephine Bazan	17-04413
2	Heber Valenzuela	17-12433
3	Juanita Salazar	17-17741
4	Jaime & Wendy Alvidrez	17-04346
5	Ralph & Elisa Vera	17-04345
6	Gilbert & Laura Martinez	17-13380
7	Donald & Peggy Burr	17-13128
8	Dorothy Gonzalez	17-10520
9	Enrique Hernandez	17-10254
10	Enrique & Dolores Lara	17-10623
11	Fredrick Canfield	17-11356
12	Sammy Holguin	17-11282



LAST MODIFIED: Dec 21, 2015 - 2:13pm BY USER: jmgpauld  
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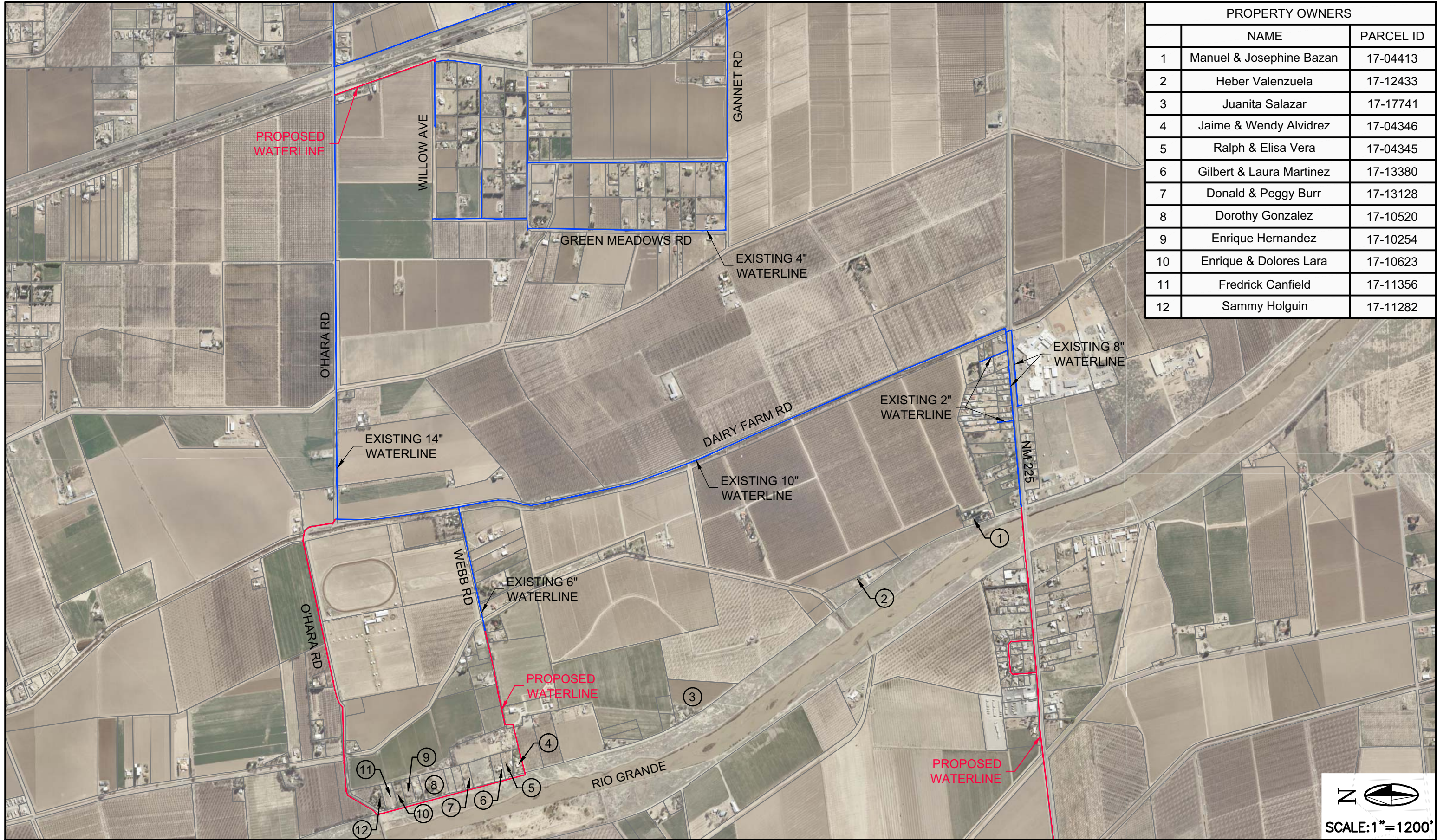


#### 4.1.3.2. Alternative 2

The east side of alignment alternative 2 consists of a waterline loop extending from the intersection of O'Hara Road/Dairy Farm Road west to the river and then south along the levy to Webb Road where a connection to the existing waterline on Webb Road would be provided. The west side of the river would feature the same alignment as alternative 1, as this seems to be the most direct route to provide service to both Gadsden High School as well as Alta Vista Early College High School. Figures 4.1.3.2.1 and 4.1.3.2.2 show Alternative 2.



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 DWG NAME: ANT15-11-Figures 4.1.dwg



PROPERTY OWNERS		
	NAME	PARCEL ID
1	Manuel & Josephine Bazan	17-04413
2	Heber Valenzuela	17-12433
3	Juanita Salazar	17-17741
4	Jaime & Wendy Alvidrez	17-04346
5	Ralph & Elisa Vera	17-04345
6	Gilbert & Laura Martinez	17-13380
7	Donald & Peggy Burr	17-13128
8	Dorothy Gonzalez	17-10520
9	Enrique Hernandez	17-10254
10	Enrique & Dolores Lara	17-10623
11	Fredrick Canfield	17-11356
12	Sammy Holguin	17-11282



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DWG LOCATION: I:\ANTHONY\ANT15-11-Water PER.DWG  
DWG NAME: ANT15-11-Figures 4.1.dwg



**MOLZENCORBIN**

WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

**WATERLINE EXTENSION ALIGNMENT ALTERNATIVE 2 WEST**

**FIGURE 4.1.3.2.2**



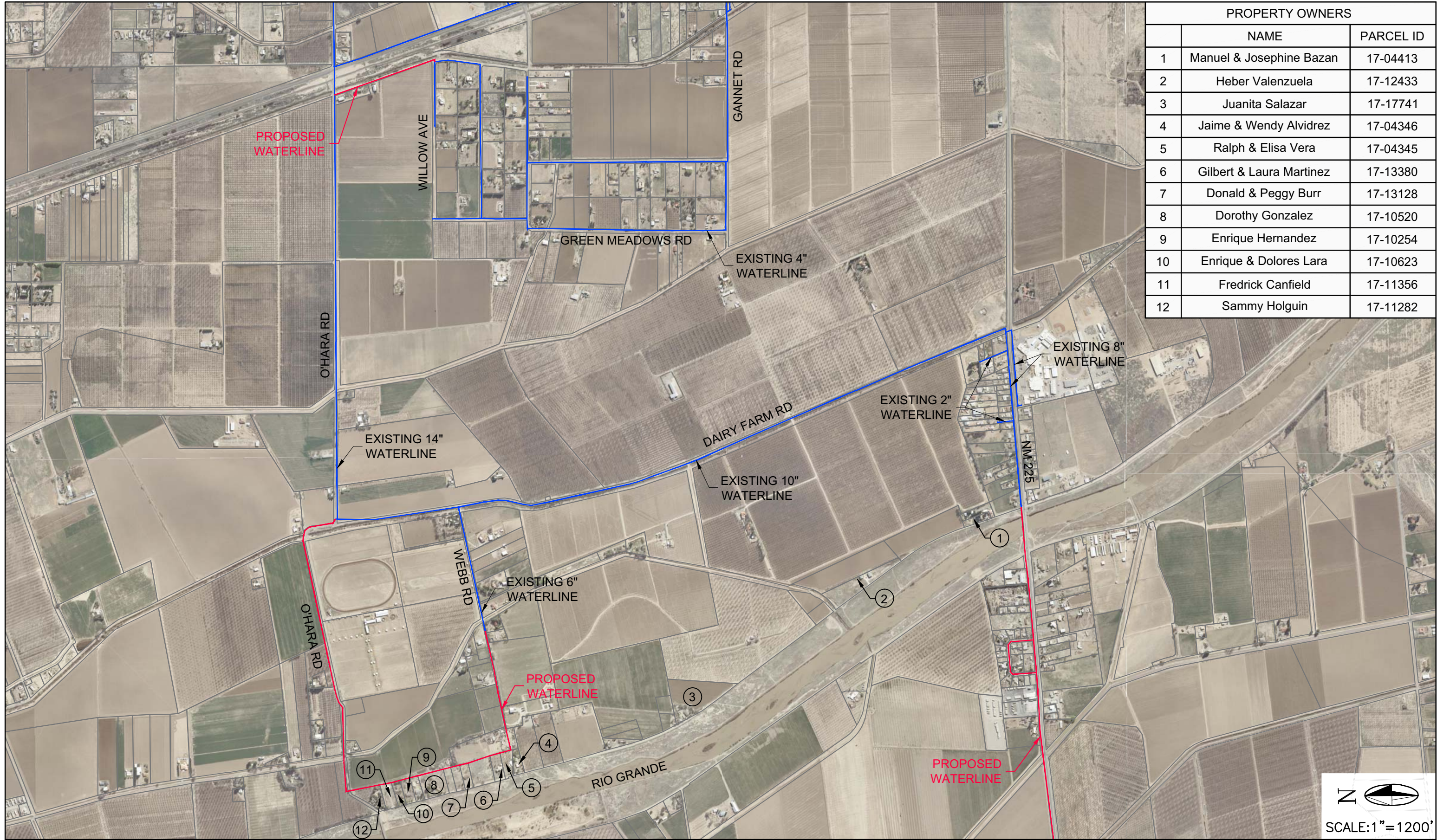
#### 4.1.3.3. Alternative 3



The east side of alignment alternative 3 consists of a waterline extension from O'Hara Road just to the west of the EBID lateral to the east side of the properties adjacent to the river. The waterline would then follow the property line boundary to Webb Road where it would form a loop with a waterline extension from Webb Road. A waterline extension would cross the river at Washington Street and continue to Gadsden High School and Alta Vista Early College High School similar to the other alignment alternatives. Figure 4.1.3.3.1 and Figure 4.1.3.3.2 show Alternative 3.



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 DWG LOCATION: I:\ANTHONY\ANT15-11-Water PER.DWG  
 DWG NAME: ANT15-11-Figures 4.1.dwg



PROPERTY OWNERS		
	NAME	PARCEL ID
1	Manuel & Josephine Bazan	17-04413
2	Heber Valenzuela	17-12433
3	Juanita Salazar	17-17741
4	Jaime & Wendy Alvidrez	17-04346
5	Ralph & Elisa Vera	17-04345
6	Gilbert & Laura Martinez	17-13380
7	Donald & Peggy Burr	17-13128
8	Dorothy Gonzalez	17-10520
9	Enrique Hernandez	17-10254
10	Enrique & Dolores Lara	17-10623
11	Fredrick Canfield	17-11356
12	Sammy Holguin	17-11282



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DWG LOCATION: I:\ANTHONY\ANT15-11-Water PER.DWG  
DWG NAME: ANT15-11-Figures 4.1.dwg



**MOLZENCORBIN**

WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

**WATERLINE EXTENSION ALIGNMENT ALTERNATIVE 3 WEST**

**FIGURE 4.1.3.3.2**



#### 4.1.4. Crossing Alternatives

The proposed waterline regardless of alignment alternative will need to cross the Rio Grande. There are several alternatives to cross the Rio Grande including directional drilling, a bridge crossing, and pipe trenching. Depending on the alternative, a different type of permit or permits may be required.

The International Boundary & Water Commission (IBWC) requires permits to be completed through them if a pipeline is to be constructed through or under Rio Grande levees or the Rio Grande itself. The NMDOT requires their approval for any crossings that will use an NMDOT bridge. The Army Corps of Engineers requires permitting through them for trenching within waters of the USA.

##### 4.1.4.1. Directional Drilling

The technology exists for the waterline to be constructed through trenchless technologies such as directional drilling. With this method, the contractor is capable of boring along a planned path to a designated location. The new pipe is assembled above ground and can be pulled into place behind the drill bit. Directional drilling is convenient as it does not disrupt river flows and is done without excavation of an access pit or a trench. Directional drilling though convenient can be costly. Permitting for this type of river crossing would be limited to the International Boundary & Water Commission (IBWC) as well as the Elephant Butte Irrigation District (EBID).

##### 4.1.4.2. Bridge Crossing

A bridge crossing would consist of the waterline crossing over the Rio Grande with the aid of some sort of structural support as the pipe is supported by either hangars or a cantilever support along the side or beneath the bridge. Most likely the waterline would need to be ductile iron or of similar material with a stronger collapse pressure when compared to C900 PVC pipe or C900 PVC pipe encased in steel. An option consisting of C900 or similar material encased in steel would be the ideal option as it provides an opportunity for protection from freezing temperatures



through insulation. The encasement would be approximately six to ten inches larger in diameter than the carrier pipe. Permitting for construction utilizing this method would consist of New Mexico Department of Transportation (NMDOT) as well as International Boundary & Water Commission (IBWC) approval.

#### 4.1.4.3. Pipe Trenching

Pipe trenching would consist of laying the new pipe in an open trench. Ideally, this method could be used in the winter when flows within the river are low to nonexistent. Permitting for this type of river crossing would be limited to the New Mexico Environment Department (NMED), International Boundary & Water Commission (IBWC), Army Corps of Engineers (ACOE), as well as the Elephant Butte Irrigation District (EBID).

#### 4.1.5. Design Criteria

Preliminary design criteria utilized for the waterline extension included a fire flow of 1,500 gpm from Gadsden Middle School across the river to Gadsden High School as well as Alta Vista Early College High School. School water demand was assumed to be different when compared to typical residential and commercial use, as four students most likely would not use as much water as a 4 person household. Therefore an assumed average gpcd usage consistent with multi-family residential was used. This value for Las Cruces is estimated at 51 gpcd. An assumed average gpcd usage for schools of 55 gpcd was used.

Based on an existing enrollment at Gadsden High School of 1,581 students and an assumed staff of 75, the average daily demand is 63 gpm resulting in a volume of 91,080 gallons per day. Utilizing factors of 1.8 and 4, the maximum daily demand was determined to be 114 gpm while the peak hour demand was determined to be 253 gpm. The population projection did not seem appropriate for the school, therefore an assumed occupancy of 2,000 was assumed. 2035 water demands were determined to be 76, 138, and 306 gpm for the average daily, maximum daily, and peak hourly demands.

The Alta Vista Early College High school currently enrolls 134 students with an estimated staff of 15. The existing water demands of the school were estimated to be 6, 10, and 23 for the average daily, maximum daily, and peak hourly demands. A letter from the Gadsden Independent School District requesting water service can be found in Appendix O.

Preliminary design criteria utilized for the waterline extension included a fire flow of 2,000 gpm from Gadsden Middle School across the river to Gadsden High School as well as Alta Vista Early College High School. Head loss calculations were performed for various sizes of pipe so major and minor head losses would not cause too much pressure loss within the system. Calculations are included within Appendix I.

#### 4.1.6 Environmental Impacts

The longer the waterline extension is, the more potential for environmental impacts. Therefore the waterline extension utilizing alignment alternative 3 is considered to have the least potential for negative environmental impacts.

#### 4.1.7. Land Requirements

Regardless of alternative, most of the project would be constructed within NMDOT or Dona Ana County Road right-of-way. Alternatives 1 and 2 recommend utilizing the levee for the waterline. This would result in the use of IBWC land which would require their approval.

Each alternative requires crossing the Rio Grande. If pipe trenching is to be utilized, the ACOE and IBWC would require permitting prior to construction. If the bridge is used for the river crossing, NMDOT permitting would be required. Directional drilling would require the use of existing utility easements as well as the possible need for a temporary construction easement. Directional drilling would also require coordination with the IBWC.

Alignment alternative 3 would require easements from approximately 15 property owners at the rear of their properties. At one point, AWSD was considering a well in the area and acquired 10-foot utility easements in this location for six of the properties. Alignment alternative 3

recommends following the path of those existing utility easements with the addition of utility easements for 9 more properties which will be put on water service.

The extensions along Ohara, Webb, and Dairy Farm Roads will all be constructed within the existing 40-foot Dona Ana County Road right-of-way.

#### 4.1.8. Potential Construction Problems

Issues of concern include permitting which is discussed in more detail in section six. We also feel that the most likely area to face construction problems could be the river crossing. Therefore, care will be taken in design to prevent a negative impact upon the river, bridge, or flood control levees. Other possible construction problems include encountering archaeological remains, utility line crossings, permitting restrictions, and the need for bore pit construction easements.

The discovery of archaeological remains at a proposed location for any of the waterline extensions would be an issue as it would cause an increase in overall cost of the project. Most likely, a different alignment could be utilized for the waterline extension to avoid any archaeological remains. However, if the alignment of the proposed waterline extension could not be changed then the State Historic Preservation Office (SHPO) would need to be coordinated with immediately. The New Mexico State Prehistoric and Historic Sites Protection Act of 1989 would need to be adhered to which would most likely require some clearing and site mitigation in cooperation with SHPO.

Existing utilities are avoided as much as possible through the use of design locates. However, it is possible for the construction locates to pick up a utility line that wasn't initially located, or for excavation to uncover an existing utility line. In the event of the discovery of a utility line in the way of a proposed waterline location, the proposed vertical or horizontal alignment of a waterline can be changed to avoid the utility. This adds cost to the product by requiring additional restraints, fittings, concrete, etc.



Permitting restrictions may require changes in design such as added distance between a proposed waterline and an EBID canal or possibly the Rio Grande which creates an added cost. Bore pits may be required for EBID, roadway and river crossings. These bore pits will utilize existing easements, ROW, or future utility easements. However, these easements may require additional width for the bore pits. In this event, a construction easement would be required which would require coordination with property owners including NMDOT, City of Anthony, Doña Ana County, or possibly private property owners. These things are added costs to the project due to coordination time.

It is impossible to forecast and avoid every issue during construction during the project planning period, but we do everything we can to predict potential construction problems by designing the best possible alternative for the water system with construction practices in mind.

#### 4.1.9. Sustainability Considerations

PVC pipe is proposed to be the pipe material for the waterline extension except for any jack and bore crossings where ductile iron pipe or ductile iron pipe within a steel casing may be utilized. PVC is sustainable with a long design life. The water system is a gravity system without the aid of booster pump stations with the exception of the well sites. The waterline extension is proposed to utilize gravity and avoid the use of a booster pump station in order to provide a more environmentally friendly, and sustainable system.

Disinfection byproducts are not expected to be an issue as chlorine is used at the Arsenic Removal Facility but removed prior to water passing through the RO membranes. It is possible that stagnant water could be an issue in the waterline extension across the river with, however fire hydrants are proposed as part of this project which provides a flushing opportunity for AWS. AWS can add hydrant flushing for the proposed hydrants to their maintenance schedule to prevent stagnant water within the proposed waterline extensions areas.

#### 4.1.10. Cost Estimates

Cost estimates have been prepared for the various waterline extension alternatives. In general, directional drilling techniques were considered to be more expensive than the bridge crossing while alignment alternative 3 was determined to be the most cost effective alignment due to less waterline. Costs for trenching are expected to be less if performed in the winter. Detailed construction cost estimates for each alternative are included in Appendix K. Table 4.1.10.1 shows the construction cost estimates for the waterline extension alternatives.

Table 4.1.10.2 shows the life cycle cost estimates for the alternatives which assumed a salvage value of \$0 for each of the alternatives.

**TABLE 4.10.1. WATERLINE EXTENSION COST COMPARISONS**



Alternative	Alignment	River Crossing	Estimated Construction Cost
1	1	Bridge	\$1,170,032
2	2	Bridge	\$1,004,482
3	3	Bridge	\$911,422
4	1	Directional Drill	\$1,285,807
5	2	Directional Drill	\$1,110,357
6	3	Directional Drill	\$1,086,047
7	1	Trenching	\$1,236,747
8	2	Trenching	\$1,067,897
9	3	Trenching	\$1,046,447
10	No-Build	No-Build	\$0

**TABLE 4.10.2. WATRLINE EXTENSION LIFE CYCLE COST ESTIMATES**

Waterline Extension 20-year Life Cycle Costs								
Alternative	1. Probable Construction Cost	2. Design Costs	3. Capital Costs	4. Anticipated Annual O&M Cost	5. USPW (O&M)	6. Salvage Value	7. SPPW	8. Net Present Value
1	\$1,170,032	\$97,347	\$1,267,378	\$11,325	\$200,338	\$0	\$0	\$1,467,716
2	\$1,004,482	\$83,573	\$1,088,054	\$10,875	\$192,378	\$0	\$0	\$1,280,432
3	\$911,422	\$75,830	\$987,252	\$10,855	\$192,024	\$0	\$0	\$1,179,276
4	\$1,285,807	\$106,979	\$1,392,786	\$11,325	\$200,338	\$0	\$0	\$1,593,124
5	\$1,110,357	\$92,382	\$1,202,738	\$10,875	\$192,378	\$0	\$0	\$1,395,116
6	\$1,086,047	\$90,359	\$1,176,406	\$10,875	\$192,378	\$0	\$0	\$1,368,783
7	\$1,236,747	\$102,897	\$1,339,644	\$11,325	\$200,338	\$0	\$0	\$1,539,982
8	\$1,067,897	\$88,849	\$1,156,745	\$10,875	\$192,378	\$0	\$0	\$1,349,123
9	\$1,046,447	\$87,064	\$1,133,511	\$10,875	\$192,378	\$0	\$0	\$1,325,889
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Description								
1. Probable Construction Cost: Includes all estimated construction costs associated with the project including contingencies								
2. Design Costs: Taken from ASCE Curve A for estimated design costs based on the construction cost								
3. Capital Costs: The sum of the probable construction costs and design costs								
4. Anticipated Annual O&M Costs: ((value of hydrants+value of valves)/20 years)+estimated average yearly salary								
5. Uniform Series Present Worth (O&M): The real discount rate of 1.2% applied over 20 years to the annual O&M Costs								
6. Salvage Value: A salvage value of \$0 was assumed for the improvements								
7. Single Payment Present Worth of the salvage value: Estimated to be \$0 based on the assumed salvage value								
8. Net Present Value: $NPV = \text{Capital costs} + \text{USPW (O\&M)} - \text{SPPW}$								





## **4.2. Additional Water Storage Tank**

### **4.2.1. Description**

Currently, the system has 2 million gallons of storage with the two existing 1-million gallon tanks. Both tanks are east of Interstate 10 and are considered the north and south tank sites as the north tank site is just south of NM 404 east of I-10 while the south tank site is just east of Acosta Road on the east side of I-10. Preliminary design calculations described in section 4.2.2 show the system currently meets storage requirements as 1.9 million gallons is needed while 2-million gallons is available. However, storage needs projected for 2035 show a need of 2.8 million gallons of storage. Therefore, it is recommended that an additional tank with a volume of approximately 1 million gallons be constructed to meet future water system demands. Four separate alternatives are presented in this section including three construction alternatives for the additional 1 million gallon storage tank and the no-build alternative.



### **4.2.2. Alternatives**

#### **4.2.2.1. Alternative 1- Additional Storage Tank at North Tank Site**

This alternative suggests the addition of a 1 million gallon tank to meet current and future storage demands at the north tank site. In order to be consistent in terms of pressure within the system, it is in the best interest to construct the new tank at the same elevation as the existing tank. The north tank is located on a 0.69 acre parcel with parcel ID 17-13636 owned by the AWSD. An additional tank in close proximity to the existing tank would require the acquisition of land from private property owners if the tank was to be constructed anywhere north, south, or west of the property. Land to the east of the existing tank is owned by the Bureau of Land Management which could be leased.

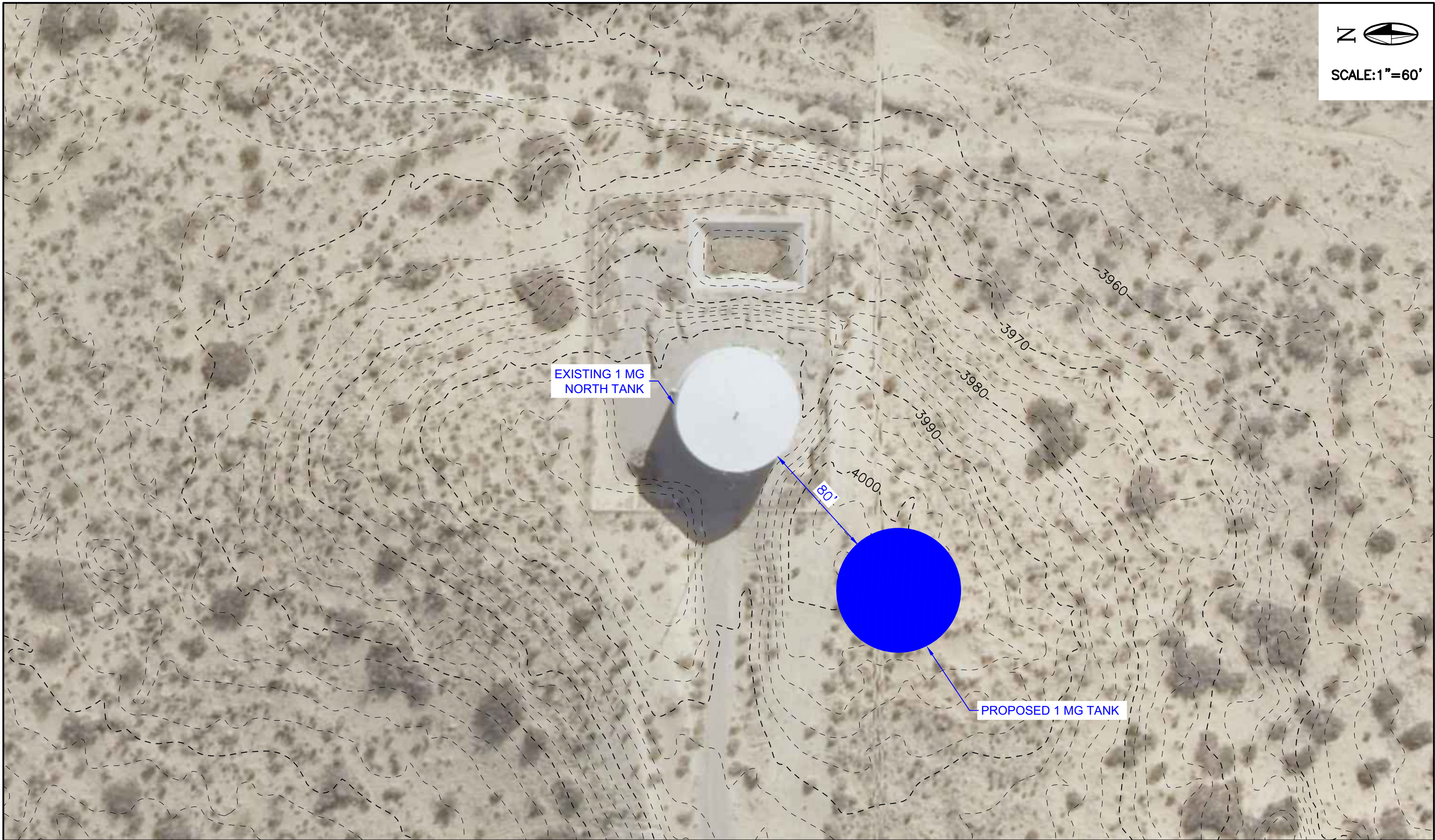
Based on existing topography, it appears that the best locations at the north tank site were immediately northwest or southwest of the existing tank with the land to the southwest having more space to construct a tank at the existing tank's elevation. Figure 4.2.2.1.1 shows alternative 1 with a future 1 million gallon storage tank approximately 80 feet to the southwest of the

existing tank which would require purchasing a small piece of an 11.07 acre parcel with parcel ID 17-19068 owned by Juan and Jose Nunez..





SCALE: 1" = 60'



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DWG LOCATION: I:\ANTHONY\ANT15-11-Water PER.DWG  
DWG NAME: ANT15-11-Figures 4.2.dwg

WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

**MOLZENCORBIN**

**ALTERNATIVE 1 - ADDITIONAL STORAGE TANK AT NORTH TANK SITE**

**FIGURE 4.2.2.1.1**



#### 4.2.2.2. Alternative 2- Additional Storage Tank at South Tank Site

This alternative suggests the addition of a 2 million gallon tank to meet current and future storage demands at the south tank site. In order to be consistent in terms of pressure within the system, it is in the best interest to construct the new tank at the same elevation as the existing tank. The south tank is located near the southwest corner of a 563.54 acre parcel owned by the Bureau of Land Management. The property for the south tank is currently leased by AWSO from the BLM. An additional tank in close proximity to the existing tank would require the current lease with the BLM to be modified to include additional land for the new tank.

Based on existing topography, it appears that the best location at the south tank site is immediately northeast of the existing tank with. Figure 4.2.2.2.1 shows alternative 2 with a future 2 million gallon storage tank approximately 80 feet to the northeast of the existing tank which would require modification of the current BLM lease.





SCALE: 1" = 60'



LAST MODIFIED: Dec 21, 2015 - 2:23pm BY USER: jwphild  
DWG LOCATION: I:\ANTHONY\ANT15-11-Water PER.DWG  
DWG NAME: ANT15-11-Figures 4.2.dwg



#### 4.2.2.3. Alternative 3- Removal and Enhancement of Existing Tanks

This alternative includes the upgrade of one of the 1 million gallon tanks to a 2 million gallon tank, while rehabilitating the other existing tank to meet current and future storage demands. In order to be consistent in terms of pressure within the system, it is in the best interest to construct the new tank at the same elevation as the existing tank. The 2 million gallon tank is expected to be approximately 107 feet in diameter versus the existing 1 million gallon tank which has a 79 foot diameter. Though the tank is 28 feet larger in diameter when compared to the existing tank, it appears the tank would fit within the existing leased land from BLM if the tank is constructed approximately 25 feet west of the existing tank location. Figure 4.2.2.3.1 shows alternative 3 with a future 2 million gallon storage tank in place of the existing tank at the south tank site which would not require modification of the current BLM lease. The north tank site did not have enough space for the 2 million gallon storage tank.

This alternative is feasible if construction takes place during winter months when the water demands are below average. Using Table 2.6.1.1, the current average usage is approximately 74.4 gpcd between November and March. Using 75 gpcd for emergency storage, and 180,000 gallons of fire storage; the storage required during construction would be just under 1-million gallons meaning the system could function under the construction term while the other 1-million gallon tank is being demolished and then reconstructed with more storage capacity.





SCALE: 1" = 60'



PROPOSED 2 MG TANK



#### 4.2.2.4. Alternative 4- No-Build

This alternative does not include any improvements to the existing system. The two 1-million gallon tanks would need to be maintained as much as possible to prolong their design life. This alternative creates more of a need to get all Wells up and running to decrease the likelihood of emergency storage from being required. However, the equalization storage will most likely become a concern in the future based on population projections showing that the arsenic removal facility won't be able to keep up with future water demands, requiring an additional equalization storage. This alternative poses a risk in the event of an emergency situation within the AWSD system such as a Well contamination or failure.

#### 4.2.3. Design Criteria

Preliminary Calculations were based on design criteria for storage based on the principle that a system be capable of storing three different parameters. These parameters include equalization storage, fire storage, and emergency storage.

Equalization storage for 2015 and 2035 was calculated by determining the difference in storage between the max day demand based on the population as well as the amount of good quality water that the water system could produce. 2015 calculations showed that the system could produce more good quality water than was required as part of the maximum day demand resulting in 0 equalization storage required. 2035 calculations showed that approximately 200,000 gallons of equalization storage was required.

Fire storage was determined by using 1,500 gpm of fire flow for 2 hours. This resulted in 180,000 gallons of fire storage. This volume was utilized in both the 2015 and the 2035 storage calculations.

Emergency storage varies from water system to water system. The City of Las Cruces utilizes half of the average day demand for emergency storage. However, the City of Las Cruces has approximately 40 wells compared to AWSD's three functioning Wells. It is much more of an issue if Anthony if one of its Wells goes down and isn't able to produce. Therefore, it was

determined that Anthony should have one maximum day demand of emergency storage. This would be beneficial should any of their Wells have an issue, as the extra storage would provide more time to get the Well up and running. For 2015, the emergency storage was determined to be 1.7 million gallons by multiplying 167 gpcd by the current population. The 2035 emergency storage was determined by multiplying 167 gpcd by the estimated 2035 population of 14,462 which yields 2.4 million gallons.

#### 4.2.4. Environmental Impacts

Each alternative proposes that the storage tank be constructed at the same elevation as the existing tanks, in order to create enough pressure within the system to avoid the use of booster pump stations. A gravity system is considered to be more environmentally friendly, as energy consumption is reduced.

In terms of site development, the addition of developed land to the existing tank sites will alter historical drainage patterns creating increased erosion. The site would need to be developed to minimize erosion and allow historical drainage volumes and flow rates to remain constant.

#### 4.2.5. Land Requirements

Regardless of alternative, existing tank sites will be utilized as much as possible. Alternative 1 requires AWS D to purchase a portion of an 11.07 acre parcel from Juan and Jose Nunez as the existing north tank is located on a 0.69 acre parcel and does not have enough land for an additional tank. Alternative 2 requires that the current BLM lease be modified to include additional land for construction of the 2 million gallon tank 80 feet to the northeast of the existing tank. Alternative 3 may not require any additional land to be acquired, as the 3 million gallon tank in place of the existing south tank, could be constructed to fit within the BLM easement limits.



#### 4.2.6. Potential Construction Problems

Issues of concern include permitting which is discussed in more detail in section six. Other possible construction problems include encountering archaeological remains, and utility line crossings

The discovery of archaeological remains at a proposed tank would be an issue as it would cause an increase in overall cost of the project. A different location could be looked into for tank construction but that would be unlikely. The State Historic Preservation Office (SHPO) would need to be coordinated with immediately. The New Mexico State Prehistoric and Historic Sites Protection Act of 1989 would need to be adhered to which would most likely require some clearing and site mitigation in cooperation with SHPO.

Existing utilities are avoided as much as possible through the use of design locates. However, it is possible for the construction locates to pick up a utility line that wasn't initially located, or for excavation to uncover an existing utility line. In the event of the discovery of a utility line in the way of a proposed tank location, the existing utility line may need to be relocated. This would require the coordination with the utility company as well as the added cost to the contractor for labor and materials.

It is impossible to forecast and avoid every issue during construction during the project planning period, but we do everything we can to predict potential construction problems by designing the best possible alternative for the water system with construction practices in mind.

#### 4.2.7. Sustainability Considerations

The proposed alternatives all utilize gravity flow which is more sustainable in terms of energy consumption and maintenance costs when compared to the use of booster pumps stations. These proposed tanks can also be constructed utilizing materials and construction practices to exceed a 20 year design life as it is possible to achieve a design life exceeding 50 years.

#### 4.2.8. Cost Estimation

Table 4.2.8.1 shows the estimated construction costs for the 4 separate alternatives while Table 4.2.8.2 shows the estimated life-cycle cost analyses. The life cycle cost analysis assumed a salvage value of \$0 for the improvements. The life cycle cost analysis also assumed similar maintenance activities for the two or three tanks within the system depending on the alternative.

**TABLE 4.2.8.1. TANK ESTIMATED CONSTRUCTION COSTS**

Alternative	Estimated Construction Cost
1	\$ 1,308,815.00
2	\$ 1,281,502.50
3	\$ 1,489,250.00
4	\$ -

**TABLE 4.2.8.2. TANK ESTIMATED CONSTRUCTION COSTS**

Alternative	1. Probable Construction Cost	2. Design Costs	3. Capital Costs	4. Anticipated Annual O&M Cost	5. USPW (O&M)	6. Salvage Value	7. SPPW	8. Net Present Value
1	\$1,308,815	\$108,632	\$1,417,447	\$29,725	\$525,834	\$0	\$0	\$1,943,281
2	\$1,281,503	\$106,365	\$1,387,867	\$29,725	\$525,834	\$0	\$0	\$1,913,701
3	\$1,489,250	\$123,608	\$1,612,858	\$29,725	\$525,834	\$0	\$0	\$2,138,692
4	\$0	\$0	\$0	\$21,725	\$384,314	\$0	\$0	\$384,314
<b>Description</b>								
1. Probable Construction Cost: Includes all estimated construction costs associated with the project including contingencies								
2. Design Costs: Taken from ASCE Curve A for estimated design costs based on the construction cost								
3. Capital Costs: The sum of the probable construction costs and design costs								
4. Anticipated Annual O&M Costs: ((value of hydrants+value of valves)/20 years)+estimated average yearly salary								
5. Uniform Series Present Worth (O&M): The real discount rate of 1.2% applied over 20 years to the annual O&M Costs								
6. Salvage Value: A salvage value of \$0 was assumed for the improvements								
7. Single Payment Present Worth of the salvage value: Estimated to be \$0 based on the assumed salvage value								
8. Net Present Value: $NPV = \text{Capital costs} + \text{USPW (O\&M)} - \text{SPPW}$								



### **4.3. Waterline Replacement**

#### **4.3.1. Description**

Currently, the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions is experiencing many leaks and unreliable water service due to poor water infrastructure. The existing polyethylene waterlines are older and need to be replaced in order to provide reliable water service. Table 4.3.1.1 shows the existing lengths and sizes of waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions while Figure 4.3.1.1 shows the locations of the existing waterlines.

**TABLE 4.3.1.1. EXISTING WATERLINES**

<b>Street</b>	<b>Size (in)</b>	<b>Length (ft)</b>
Timbers	4	1250
Davis	3	1250
Gorman (south)	6	500
Ramsey	6	1250
Archer (south)	2	500
San Andres	8	1250
Donaldson	6	1850
Donaldson	2	525
Donaldson (west)	4	350
Church	6	950
Church (east)	8	750
<b>Alleyway Distribution Lines Between Through Streets</b>		
Davis and Gorman	2	1250
Gorman and Ramsey	2	650
Ramsey and Archer	2	750
Archer and Marquez	2	1250
Marquez and San Andres	2	1050







## 4.3.2. Alternatives

### 4.3.2.1. Alternative 1- No-Build

The No Build alternative is simply that, no build. For this alternative, all lines would not be replaced and would instead be maintained as AWSD is doing currently.

### 4.3.2.2. Alternative 2- 4" Waterline

This alternative includes the replacement of all waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions with new 4" C-900 PVC waterline. This would be an increase in pipe diameter for all of the 2 and 3-inch waterlines, but would be a decrease in capacity for any of the 6 and 8-inch waterlines. All 2-inch waterlines in the alleys would be abandoned in place and capped. Connections to the new waterlines would be installed for each residential property which currently utilizes a connection to the rear of the property. If 4-inch waterlines are to be installed, existing fire hydrants may need to be replaced. Figure 4.3.2.2.1 shows the plan view for alternative 2.







#### 4.3.2.3. Alternative 3- 6” Waterline

This alternative includes the replacement of all waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions with new 6” C-900 PVC waterline. This would be an upgrade to all waterlines by adding capacity except for 6-inch waterlines where the capacity would not change, but quality would. The 8-inch waterline along San Andres Street would be decreased in size to a 6-inch waterline. Connections to the new waterlines would be installed for each residential property which currently utilizes a connection to the rear of the property. Figure 4.3.2.3.1 shows the plan view for alternative 3.







#### 4.3.2.3. Alternative 4- 2”, 6” and 8” Waterline

This alternative includes removal and replacement of all of the waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions with the only changes in size being the upgrade of any 3 or 4-inch waterlines to 6-inch. C-900 waterline would be used for each replacement. Figure 4.3.2.4.1 shows the plan view for alternative 4.







#### 4.3.2.3. Alternative 5- 6” and 8” Waterline

This alternative includes removal and replacement of all of the waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions without any decrease in pipe size. 6-inch waterline would be utilized for all areas with 6-inch or smaller diameter waterlines. The waterline along San Andres Street would be replaced with an 8-inch waterline in order to keep capacity the same. C-900 waterline would be used for each replacement. Connections to the new waterlines would be installed for each residential property which currently utilizes a connection to the rear of the property. Figure 4.3.2.5.1 shows the plan view for alternative 5.







### 4.3.3. Design Criteria

Table 4.3.3.1 shows capacities for waterline sizes utilizing C-900 PVC DR 25 waterline for velocities of 5, 7 and 10 ft/s. Flow rates are shown in gallons per minute (GPM). This table shows the capacity of the different waterline sizes at the various velocities. Fire flow demand is typically higher than the peak hour or maximum day demand flows.

**TABLE 4.3.3.1. WATERLINE CAPACITIES**

Pipe Size (in)	Nominal ID (in)	5ft/s	7 ft/s	10 ft/s
		Max Flow Rate Q (gpm)	Max Flow Rate Q (gpm)	Max Flow Rate Q (gpm)
2	2	49	69	98
4	4.39	236	330	472
6	6.31	487	682	975
8	8.28	839	1,175	1,678
10	10.16	1,263	1,769	2,527
12	12.08	1,786	2,500	3,572

### 4.3.4. Environmental Impacts

Negative environmental impacts are not expected as additional impervious area is not planned to be created. If the waterline to be replaced is beneath an existing roadway, the pavement section will be removed and replaced.

### 4.3.5. Land Requirements

Regardless of alternative, existing utility easements will be utilized. The existing 2-inch waterlines are generally within approximately 10-foot un-paved alleyways which would be utilized for replacement of the 2-inch waterlines. Properties within the Enchanted Hills Subdivision, Mesa Addition contain 5-foot Easements to the rear of the properties which make up the 10-foot alleyways. Waterlines larger than 2-inches in diameter are generally within the roadways which would require pavement removal and replacement

#### 4.3.6. Potential Construction Problems

Issues of concern include permitting which is discussed in more detail in section six. Other possible construction problems include encountering archaeological remains, utility line crossings, permitting restrictions, and the need for bore pit construction easements.

The discovery of archaeological remains at a proposed location for any of the waterline extensions would be an issue as it would cause an increase in overall cost of the project. Most likely, a different alignment could be utilized for the waterline extension to avoid any archaeological remains. However, if the alignment of the proposed waterline extension could not be changed then the State Historic Preservation Office (SHPO) would need to be coordinated with immediately. The New Mexico State Prehistoric and Historic Sites Protection Act of 1989 would need to be adhered to which would most likely require some clearing and site mitigation in cooperation with SHPO.

Existing utilities are avoided as much as possible through the use of design locates. However, it is possible for the construction locates to pick up a utility line that wasn't initially located, or for excavation to uncover an existing utility line. In the event of the discovery of a utility line in the way of a proposed waterline location, the proposed vertical or horizontal alignment of a waterline can be changed to avoid the utility. This adds cost to the product by requiring additional restraints, fittings, concrete, etc.

Permitting restrictions may require changes in design such as added distance between a proposed waterline and an EBID canal which creates an added cost. Bore pits may be required for EBID, roadway and river crossings. These bore pits will utilize existing easements, ROW, or future utility easements. However, these easements may require additional width for the bore pits. In this event, a construction easement would be required which would require coordination with property owners including NMDOT, City of Anthony, Doña Ana County, or possibly private property owners. These things are added costs to the project due to coordination time.



It is impossible to forecast and avoid every issue during construction during the project planning period, but we do everything we can to predict potential construction problems by designing the best possible alternative for the water system with construction practices in mind.

4.3.7. Sustainability Considerations

PVC pipe is proposed to be the pipe material for the waterline replacement. PVC is sustainable with a long design life. The water system is a gravity system without the aid of lift stations or booster pump stations with the exception of the well sites. The waterline extension is proposed to utilize gravity and avoid the use of a lift station in order to provide a more environmentally friendly, and sustainable system.

4.3.8. Cost Estimation

Table 4.3.8.1 shows the estimated construction cost estimates for the various alternatives. Table 4.3.8.2 shows the life cycle cost estimates for the various alternatives. Anticipated annual salary calculated as part of the life cycle cost analyses take into account the maintenance for valves, hydrants, as well as annual salary. Design costs are estimated based on ASCE design fee curves which predict 8% to 9% of the estimated construction costs.

**TABLE 4.3.8.1. WATERLINE REPLACEMENT COST ESTIMATIONS**

Alternative	Estimated Construction Cost
1	\$ -
2	\$ 482,913.75
3	\$ 658,633.75
4	\$ 629,970.00
5	\$ 662,428.75

**TABLE 4.3.8.2. WATERLINE REPLACEMENT 20-YR LIFE CYCLE COST ESTIMATES**

Alternative	1. Probable Construction Cost	2. Design Costs	3. Capital Costs	4. Anticipated Annual O&M Cost	5. USPW (O&M)	6. Salvage Value	7. SPPW	8. Net Present Value
1	\$0	\$0	\$0	\$16,323	\$288,747	\$0	\$0	\$288,747
2	\$482,914	\$42,690	\$525,603	\$6,441	\$113,939	\$0	\$0	\$639,542
3	\$658,634	\$58,223	\$716,857	\$9,791	\$173,201	\$0	\$0	\$890,058
4	\$629,970	\$55,689	\$685,659	\$8,882	\$157,125	\$0	\$0	\$842,784
5	\$662,429	\$58,559	\$720,987	\$9,831	\$173,908	\$0	\$0	\$894,896
Description								
1. Probable Construction Cost: Includes all estimated construction costs associated with the project including contingencies								
2. Design Costs: Taken from ASCE Curve A for estimated design costs based on the construction cost								
3. Capital Costs: The sum of the probable construction costs and design costs								
4. Anticipated Annual O&M Costs: ((value of hydrants+value of valves)/20 years)+estimated average yearly salary								
5. Uniform Series Present Worth (O&M): The real discount rate of 1.2% applied over 20 years to the annual O&M Costs								
6. Salvage Value: A salvage value of \$0 was assumed for the improvements								
7. Single Payment Present Worth of the salvage value: Estimated to be \$0 based on the assumed salvage value								
8. Net Present Value: $NPV = \text{Capital costs} + \text{USPW (O\&M)} - \text{SPPW}$								



## **5.0 SELECTION OF AN ALTERNATIVE**

### **5.1. Waterline Extension**

#### **5.1.1. Decision Matrix**

A decision matrix was developed to determine the best alternative for the AWS D waterline extension to provide service to residents in need as well as Gadsden High School and Alta Vista Early College High School. Each alternative was rated on 3 different categories including cost, land acquisition, permitting, and the number of customers served. More of an emphasis is placed on the number of customers served which is the main goal of this project. There were a total of nine different alternatives based on the different alignments east of the Rio Grande as well as the type of river crossing.

##### **5.1.1.1. Cost**

It was determined that the most expensive alignment would be alignment 1 as it featured the longest length of waterline. The most expensive bridge crossing was determined to be the directional drill technique. The alternative with the lowest cost would receive the highest point value. The costs include the life cycle cost analyses performed for each alternative.

##### **5.1.2.1. Ease of Permitting**

The permitting agency for the waterline extension adjacent or within an existing levee Right of Way would be the IBWC. The IBWC and the NMDOT would be the permitting agencies for the river crossing depending on if the bridge would be utilized or not. The IBWC is very stringent when it comes to a waterline being built across, or adjacent to the river levees. They also have various regulations regarding trenching or directional drilling. Trenching within Waters of the USA would require an ACOE 404 permit which is expected to be costly and time consuming. The NMDOT prefers not to use bridge crossings involving waterlines. The NMED requires a Federal Dredge and Fill Permit (CWA 404) for trenching within the river. Therefore, it was

determined that utilizing direction drilling techniques to cross the river would be the best in terms of permitting.

#### 5.1.3.1. Customers Served

Two schools along with twelve residential properties have requested water service. The number of customers served is the largest if alignment alternative 1 is used. Alignment 1 includes all of the properties which requested service while alignment alternatives 2 and 3 miss three of the residential properties.

**TABLE 5.1.1. DECISION MATRIX – WATERLINE EXTENSION**

Alternative	Alignment	River Crossing Method	Cost (least expensive)	Ease of Permitting	Most Customers Served	Totals	Rank
1	1	Bridge	3	2	20	25	1
2	2	Bridge	1	2	16	19	8
3	3	Bridge	2	5	16	23	3
4	1	Directional Drill	1	1	20	22	5
5	2	Directional Drill	0	1	16	17	10
6	3	Directional Drill	0	9	16	25	1
7	1	Trench	2	1	20	23	3
8	2	Trench	1	1	16	18	9
9	3	Trench	2	4	16	22	5
10	N/A	N/A	10	10	0	20	7
Totals			10	10	20	40	

The decision matrix shows the best alternative would be to utilize alignment alternative 3 and cross river utilizing the directional drilling techniques to install the waterline under the river and levees without obstructing river flows. The decision matrix shows that any one of the alternatives utilizing alignment 3 are considered to be much better than any of the other alignment alternatives due to permitting issues. Directional drilling is determined to be the most expensive river crossing technique but is expected to save money in terms of permitting issues.

#### 5.1.2. Life Cycle Cost Analysis

A life cycle analysis is defined in the white house circular A-94 as the overall estimated cost for a particular alternative over the design life including direct and indirect initial costs plus any



periodic or continuing costs of operation and maintenance. Using the estimated capital and annual O&M costs, a life cycle cost analysis was performed for each alternative. The life cycle present worth value for each alternative is determined by relating the estimated expenditures (present and future) in present dollars.

A life cycle cost analysis was determined based on maintenance of valves, hydrants, and the time for a water operator level I to perform the tasks associated with maintenance. The valve and hydrant maintenance costs were calculated by dividing the replacement costs by the design life of 20 years. The salary was determined by using a \$20/hr salary and multiplying it by 1 hour a day for a year. The real discount rate of 1.2% was applied over 20 years for the annual O&M Costs. A salvage value of \$0 was assumed for the improvements. The design costs were calculated based on ASCE design curves which suggested between 7% and 11% based on estimated construction costs. The no-build alternative doesn't include any maintenance costs because maintenance activities are not increased as part of the no-build alternative.

**TABLE 5.1.2.1. WATERLINE EXTENSION LIFE CYCLE COST ANALYSIS**

Waterline Extension 20-year Life Cycle Costs								
Alternative	1. Probable Construction Cost	2. Design Costs	3. Capital Costs	4. Anticipated Annual O&M Cost	5. USPW (O&M)	6. Salvage Value	7. SPPW	8. Net Present Value
1	\$1,170,032	\$97,347	\$1,267,378	\$11,325	\$200,338	\$0	\$0	\$1,467,716
2	\$1,004,482	\$83,573	\$1,088,054	\$10,875	\$192,378	\$0	\$0	\$1,280,432
3	\$911,422	\$75,830	\$987,252	\$10,855	\$192,024	\$0	\$0	\$1,179,276
4	\$1,285,807	\$106,979	\$1,392,786	\$11,325	\$200,338	\$0	\$0	\$1,593,124
5	\$1,110,357	\$92,382	\$1,202,738	\$10,875	\$192,378	\$0	\$0	\$1,395,116
6	\$1,086,047	\$90,359	\$1,176,406	\$10,875	\$192,378	\$0	\$0	\$1,368,783
7	\$1,236,747	\$102,897	\$1,339,644	\$11,325	\$200,338	\$0	\$0	\$1,539,982
8	\$1,067,897	\$88,849	\$1,156,745	\$10,875	\$192,378	\$0	\$0	\$1,349,123
9	\$1,046,447	\$87,064	\$1,133,511	\$10,875	\$192,378	\$0	\$0	\$1,325,889
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Description								
1. Probable Construction Cost: Includes all estimated construction costs associated with the project including contingencies								
2. Design Costs: Taken from ASCE Curve A for estimated design costs based on the construction cost								
3. Capital Costs: The sum of the probable construction costs and design costs								
4. Anticipated Annual O&M Costs: ((value of hydrants+value of valves)/20 years)+estimated average yearly salary								
5. Uniform Series Present Worth (O&M): The real discount rate of 1.2% applied over 20 years to the annual O&M Costs								
6. Salvage Value: A salvage value of \$0 was assumed for the improvements								
7. Single Payment Present Worth of the salvage value: Estimated to be \$0 based on the assumed salvage value								
8. Net Present Value: NPV = Capital costs + USPW (O&M) - SPPW								

### 5.1.3. Non-Monetary Factors

#### 5.1.3.1. Permitting and Approval

The permitting authorities for the various alternatives would consist of the NMDOT, IBWC, and EBID. Each permitting authority would be affected differently based on the different alignment and river crossing alternatives. This section presents requirements pertaining to permitting for the river crossing. Section six includes information regarding additional permitting agencies.

##### *5.1.3.1.1. International Boundary & Water Commission*

A license or permit is required from the USIBWC (United States International Boundary & Water Commission) for any proposed activities crossing or encroaching upon the floodplains of IBWC flood control projects and right-of-way. The IBWC will review the project based on the US Section Directive Volume IV Chapter 315 Dated July 27, 2000. This document provides guidance pertaining to construction within the limits of IBWC floodways. There are several takeaways from the document which are provided below (IBWC, 2000):

- Small Diameter pipes (2”- 8”) shall be placed a minimum of two feet below the levee road surface and side slopes.
- Small diameter pipes must be properly designed and constructed to prevent flotation, scouring or erosion of the embankment slopes from leakage or currents.
- Levee integrity is to be maintained with any pipeline crossing.
- Pipeline installations shall not parallel the levees on either the channel or land side of the levees (this avoids utility corridors). Pipelines are allowed only to cross perpendicular to channels, rivers or US IBWC right-of-way and levees.
- The pipe itself and joints must be water tight to prevent leakage at levee and river crossings.
- Directional drilling through levees is strictly prohibited. The installation of pipes 10 inches in diameter or larger through levees shall be performed using the open cut method.
- Pipes crossing beneath levees shall be constructed with open excavation methods.



- Directional crossings under levees have the least environmental impact to any alternate method and offer maximum depth of cover.
- Pipes constructed with directional drilling methods should proceed only after a comprehensive evaluation of the following: comprehensive understanding of the subsurface soil and groundwater conditions to a minimum depth of 20 feet below the lowest pipe elevation, locations of the pipe penetration entry and exit, drilling procedure, allowable uplift pressures, on-site quality control and quality assurance monitoring during drilling operation, grouting of the pipe annulus, backfilling of any excavated areas, and repair of the construction-staging areas.
- Installation of pipes in existing levees by tunneling or jacking is strictly prohibited.
- All pipes allowed to penetrate the embankment or foundation of a levee must be provided with devices to assure positive closure.
- Work requiring the open cut method shall be scheduled during the non-flood seasons corresponding to November 1<sup>st</sup> through May 31<sup>st</sup>.
- No constrictions or diversions are allowed between June 1<sup>st</sup> and October 31<sup>st</sup>.
- The pipeline shall be constructed in a straight alignment for a minimum distance of 15 feet beyond the landside of the levee toe.
- Pipes crossing over the Rio Grande shall require a Department of Transportation permit (US Coast Guard).

#### *5.1.3.1.2. New Mexico Department of Transportation*

The Washington Street or NM Highway 225 Bridge over the Rio Grande is an NMDOT managed roadway. Therefore, if a waterline were to be installed utilizing the bridge, NMDOT permit would be needed. Placing a waterline on a bridge would also require approval from the NMDOT Bridge Section and District 1 Maintenance.

## **5.2. Additional Storage Tank**

### **5.2.1. Decision Matrix**

A decision matrix was developed to determine the best alternative for the AWSD additional storage tank to provide the water system with adequate capacity for current and future demand. Each alternative was rated on 5 different categories including cost, land acquisition, and aesthetics. There were a total of 4 different alternatives.

#### **5.2.1.1. Cost**

It was determined that the most expensive alternative would be alternative 3 as it includes the construction of a 2 million gallon storage tank. The least expensive construction alternative was determined to be alternative 2 which included a 1 million gallon storage tank at the south tank site. The alternative with the lowest cost would receive the highest point value. The costs take into account the life-cycle cost analysis.

#### **5.2.2.2. Land Acquisition**

Alternative 3 is the best option in terms of land acquisition as it doesn't require any additional land. Alternative 1 is the worst option in terms of land acquisition as it requires the AWSD to purchase 1 to 2 acres from a private property owner. The alternative that receives the highest point value has the least amount of land acquisition required.

#### **5.2.3.1. Aesthetics**

Alternative 3 is considered to be more aesthetically pleasing as the future outcome of alternative 3 includes two tanks instead of three. The other two alternatives receive their point value based on placement of the tanks in terms of public perception. The alternative considered to be the most aesthetically pleasing receives the highest point value.



#### 5.2.4.1. Future Storage Capacity

This section evaluates the alternative's storage capacity. The alternatives recommending the construction of an additional storage tank received points while the no-build alternative did not. This category received double the weight of the other categories as this category evaluated the alternative's ability to meet the purpose and need.

#### 5.2.5.1. Constructability

This category takes into account the difficulty for construction. Alternative 3 requires the water distribution system to be without a tank during the duration of construction. Alternative 3 requires winter construction as well as an expedited schedule.

**TABLE 5.2.1. DECISION MATRIX – ADDITIONAL STORAGE TANK**

Alternative	Cost (least expensive)	Least Land Acquisition	Aesthetics	Future Storage Capacity	Constructability	Totals	Rank
1	1	4	7	20	10	42	3
2	1	9	8	20	10	48	1
3	0	10	9	20	6	45	2
4	8	10	10	0	10	38	4
Totals	10	10	10	20	10	60	

The decision matrix shows the best alternative would be alternative 2. Alternative 2 is the least expensive construction option which requires modification of the BLM land lease to place a tank north east of the existing tank at the south tank site. Alternative 1 received the lowest point value due to the land acquisition difficulties, requiring the AWSO to purchase land. Alternative 3 doesn't require any additional land and is considered to be the most aesthetically pleasing, yet it is the most expensive alternative. The no-build alternative does not meet the purpose and need of this project.

### 5.2.2. Life Cycle Cost Analysis

A life cycle analysis is defined in the white house circular A-94 as the overall estimated cost for a particular alternative over the design life including direct and indirect initial costs plus any periodic or continuing costs of operation and maintenance. Using the estimated capital and annual O&M costs, a life cycle cost analysis was performed for each alternative. The life cycle present worth value for each alternative is determined by relating the estimated expenditures (present and future) in present dollars.

A life cycle cost analysis was determined based on maintenance of interior and exterior coating, painting, cathodic protection and the time for a water operator level I to perform the tasks associated with maintenance. The coating, painting, and cathodic protection maintenance costs were calculated by dividing the replacement costs by the design life of 20 years. The salary was determined by using a \$20/hr salary and multiplying it by 1 hour a day for a year. The real discount rate of 1.2% was applied over 20 years for the annual O&M Costs. A salvage value of \$0 was assumed for the improvements. The design costs were calculated based on ASCE design curves which suggested between 7% and 11% based on estimated construction costs. Maintenance costs include the costs associated with maintenance to the existing and proposed tanks.

**TABLE 5.2.2.1. ADDITIONAL STORAGE TANK LIFE CYCLE COST ANALYSIS**

Storage Tank Alternatives 20-year Life Cycle Costs								
Alternative	1. Probable Construction Cost	2. Design Costs	3. Capital Costs	4. Anticipated Annual O&M Cost	5. USPW (O&M)	6. Salvage Value	7. SPPW	8. Net Present Value
1	\$1,308,815	\$108,632	\$1,417,447	\$29,725	\$525,834	\$0	\$0	\$1,943,281
2	\$1,281,503	\$106,365	\$1,387,867	\$29,725	\$525,834	\$0	\$0	\$1,913,701
3	\$1,489,250	\$123,608	\$1,612,858	\$29,725	\$525,834	\$0	\$0	\$2,138,692
4	\$0	\$0	\$0	\$21,725	\$384,314	\$0	\$0	\$384,314
Description								
1. Probable Construction Cost: Includes all estimated construction costs associated with the project including contingencies								
2. Design Costs: Taken from ASCE Curve A for estimated design costs based on the construction cost								
3. Capital Costs: The sum of the probable construction costs and design costs								
4. Anticipated Annual O&M Costs: ((value of hydrants+value of valves)/20 years)+estimated average yearly salary								
5. Uniform Series Present Worth (O&M): The real discount rate of 1.2% applied over 20 years to the annual O&M Costs								
6. Salvage Value: A salvage value of \$0 was assumed for the improvements								
7. Single Payment Present Worth of the salvage value: Estimated to be \$0 based on the assumed salvage value								
8. Net Present Value: NPV = Capital costs + USPW (O&M) - SPPW								

### **5.3. Waterline Replacement**

#### **5.3.1. Decision Matrix**

A decision matrix was developed to determine the best alternative for waterline replacement within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions. Each alternative was rated on 3 different categories rated equally including cost, capacity, design life, and fire flow. There were a total of 5 different alternatives.

##### **5.3.1.1. Cost**

It was determined that the most expensive alternative would be alternative 5 which includes replacement of each waterline with a new 6-inch waterline with the exception of San Andres which would include an 8-inch waterline. The least expensive alternative was determined to be alternative 1 which does not include any improvements to the existing system. The alternative with the lowest cost would receive the highest point value.

##### **5.3.2.1. Capacity**

Alternative 5 is the best option in terms of capacity as every waterline is increased in capacity with the exception of the waterlines along San Andres, Gorman, Ramsey, and Donaldson which would utilize the existing pipe size. Alternative 2 is the worst option in terms of capacity as it would decrease the capacity of the 6-inch and 8-inch waterlines while improving the capacity of the 2-inch waterlines. The alternative that receives the highest point value has the largest increase in capacity to the system. Table 5.3.2.1.1 shows capacities for different sizes of waterline based on diameter and velocity.



**TABLE 5.3.2.1.1. WATERLINE CAPACITIES**

Pipe Size	GPM (7 ft/s)	GPM (12 ft/s)
2"	69	117
4"	330	566
6"	682	1,170
8"	1,175	2,014
10"	1,769	3,032
12"	2,500	4,286

5.3.3.1. Design Life and Maintenance

Alternatives 2 through 5 are expected to have a minimum design life of 20 years, while alternative 1 requires constant maintenance from year to year. The alternative with the longest design life and least maintenance receives the highest point value.

5.3.4.1. Fire Flow

Fire flow was determined to be approximately 1100 gpm (Chin, 2006) for family dwellings. This value was used to compare with table 5.3.2.1.1 to determine which diameter of pipe would be capable of conveying 1100 gpm of flow. Alternatives utilizing the most waterline 6 inches or larger in diameter, receives the highest point value.

**TABLE 5.3.1.1. DECISION MATRIX – WATERLINE REPLACEMENT**

Alternative	Cost (least expensive)	Capacity	Design Life & Maintenance	Fire Flow	Totals	Rank
1	10	6	0	5	21	5
2	7	6	7	3	23	4
3	4	9	9	9	31	2
4	6	6	8	7	27	3
5	3	10	10	10	33	1
Totals	10	10	10	10	40	

The decision matrix shows the best alternative would be alternative 5. Alternative 5 is the most expensive option, yet it has the most capacity for fire flow and future growth. Alternative 1 received the lowest point value due the design life and continuing maintenance issues. Alternative 2 is inexpensive and provides an increase in capacity to some of the existing waterlines, yet it proposes a decrease in capacity in some areas and doesn't have the capacity for fire flow.

### 5.3.2. Life Cycle Cost Analysis

A life cycle analysis is defined in the white house circular A-94 as the overall estimated cost for a particular alternative over the design life including direct and indirect initial costs plus any periodic or continuing costs of operation and maintenance. Using the estimated capital and annual O&M costs, a life cycle cost analysis was performed for each alternative. The life cycle present worth value for each alternative is determined by relating the estimated expenditures (present and future) in present dollars.

A life cycle cost analysis was determined based on maintenance of valves, hydrants, and the time for a water operator level I to perform the tasks associated with maintenance. The valve and hydrant maintenance costs were calculated by dividing the replacement costs by the design life of 20 years. The salary was determined by using a \$20/hr salary and multiplying it by 1 hour a day for a year. The real discount rate of 1.2% was applied over 20 years for the annual O&M Costs. A salvage value of \$0 was assumed for the improvements. The design costs were calculated based on ASCE design curves which suggested between 7% and 11% based on

estimated construction costs. The no-build alternative doesn't include any maintenance costs because maintenance activities are not increased as part of the no-build alternative. Table 5.3.2.1 shows a life cycle cost analysis for the waterline replacement.

**TABLE 5.3.2.1. ADDITIONAL STORAGE TANK LIFE CYCLE COST ANALYSIS**

Alternative	1. Probable Construction Cost	2. Design Costs	3. Capital Costs	4. Anticipated Annual O&M Cost	5. USPW (O&M)	6. Salvage Value	7. SPPW	8. Net Present Value
1	\$0	\$0	\$0	\$16,323	\$288,747	\$0	\$0	\$288,747
2	\$482,914	\$42,690	\$525,603	\$6,441	\$113,939	\$0	\$0	\$639,542
3	\$658,634	\$58,223	\$716,857	\$9,791	\$173,201	\$0	\$0	\$890,058
4	\$629,970	\$55,689	\$685,659	\$8,882	\$157,125	\$0	\$0	\$842,784
5	\$662,429	\$58,559	\$720,987	\$9,831	\$173,908	\$0	\$0	\$894,896
<b>Description</b>								
1. Probable Construction Cost: Includes all estimated construction costs associated with the project including contingencies								
2. Design Costs: Taken from ASCE Curve A for estimated design costs based on the construction cost								
3. Capital Costs: The sum of the probable construction costs and design costs								
4. Anticipated Annual O&M Costs: ((value of hydrants+value of valves)/20 years)+estimated average yearly salary								
5. Uniform Series Present Worth (O&M): The real discount rate of 1.2% applied over 20 years to the annual O&M Costs								
6. Salvage Value: A salvage value of \$0 was assumed for the improvements								
7. Single Payment Present Worth of the salvage value: Estimated to be \$0 based on the assumed salvage value								
8. Net Present Value: NPV = Capital costs + USPW (O&M) - SPPW								



## **6.0 PROPOSED PROJECT (RECOMMENDED ALTERNATIVE)**

The proposed project for the waterline extension would be to utilize alignment alternative 3 and cross the river utilizing directional drilling methods. This alignment would allow for nine properties near the river in addition to Gadsden High School and Alta Vista Early College High School to be put on the AWS D water system as their water wells have gone dry. The extension would form a loop between O'hara and Webb Roads utilizing existing utility easements for a portion of the extension. Utility easements would need to be obtained from 8 property owners. The extension west along Washington Street across the river would provide service to both Gadsden High School and Alta Vista Early College High School.

The proposed project for the additional storage tank would be to utilize alternative 2 by constructing a 1-million gallon storage tank in close proximity to the existing South 1-million gallon storage tank. This alternative doesn't require any additional land acquisition other than the modification of the current BLM lease. The additional storage would give AWS D the storage they need to meet current demands as well as future demands. Currently, the system has 2 million gallons of storage but is projected to need 2.8 million gallons of storage by 2035 in order to provide equalization, fire flow, and emergency storage.



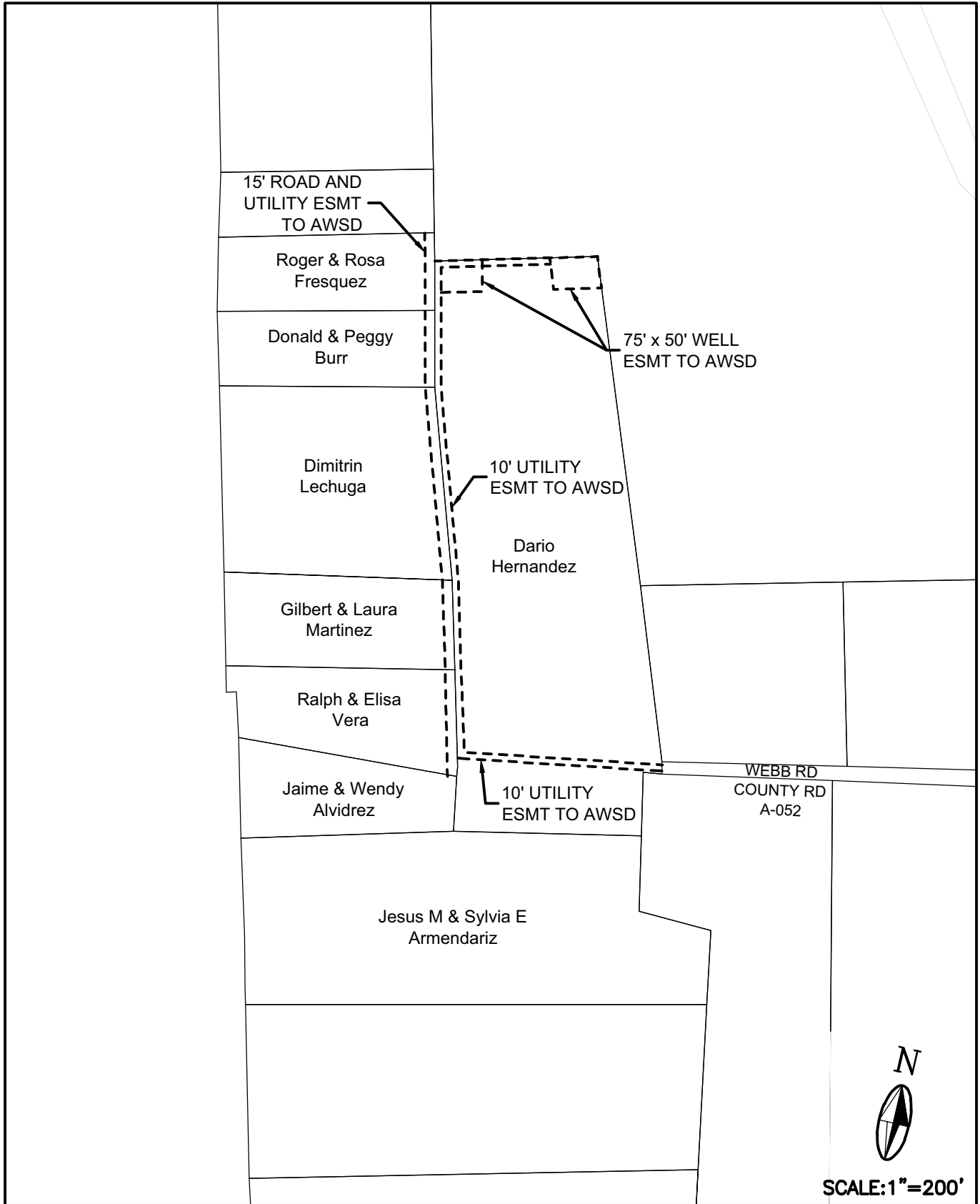
It is recommended that the older waterlines within the Enchanted Hills Subdivision 2, Mesa Addition 1, and Las Familias Subdivisions be replaced to prevent loss of pressure and provide for a more reliable water system. The proposed project for the waterline replacement would be to utilize alternative 5. Alternative 5 provides the residential neighborhood with an increase in capacity within the system, capable of sustaining fire flow. Approximately 5,000 feet of 2-inch waterline, 1,250 feet of 3-inch waterline, and 1,600 feet of 4-inch waterline would be replaced with 6-inch waterline. Existing 6-inch and 8-inch waterline within the residential area would be replaced with new waterline of the same diameter. Fire hydrants and gate valves would be added to the water system within the area to provide fire protection as well as give AWS D the opportunity to shut off water and isolate waterlines within the area should they need to. Each waterline replacement would utilize C-900 PVC pipe which provides for less head losses and a chemically inert material capable of lasting beyond its 20 year design life.

## **6.1. Preliminary Project Design**

### **6.1.1. Waterline Extension**

The preliminary design of the waterline extension has been shown previously with a waterline extension west down O'Hara Rd. to the back of the Singh Sammy Holguin Jr property where a utility easement would need to be obtained on approximately 8 properties and an existing 15-foot utility easement on the properties of Mr and Mrs. Fresquez, Mr. and Mrs. Burr, Mr. Lechuga, Mr. and Mrs. Martinez, Mr. and Mrs. Vera, Mr. and Mrs. Alvidrez, and Dario Hernandez would be utilized to loop the waterline extension with an extension on Webb Road. Figures 6.1.1.1 and 6.1.1.2. show the existing utility easements through the private properties in close proximity to Webb Road.

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WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

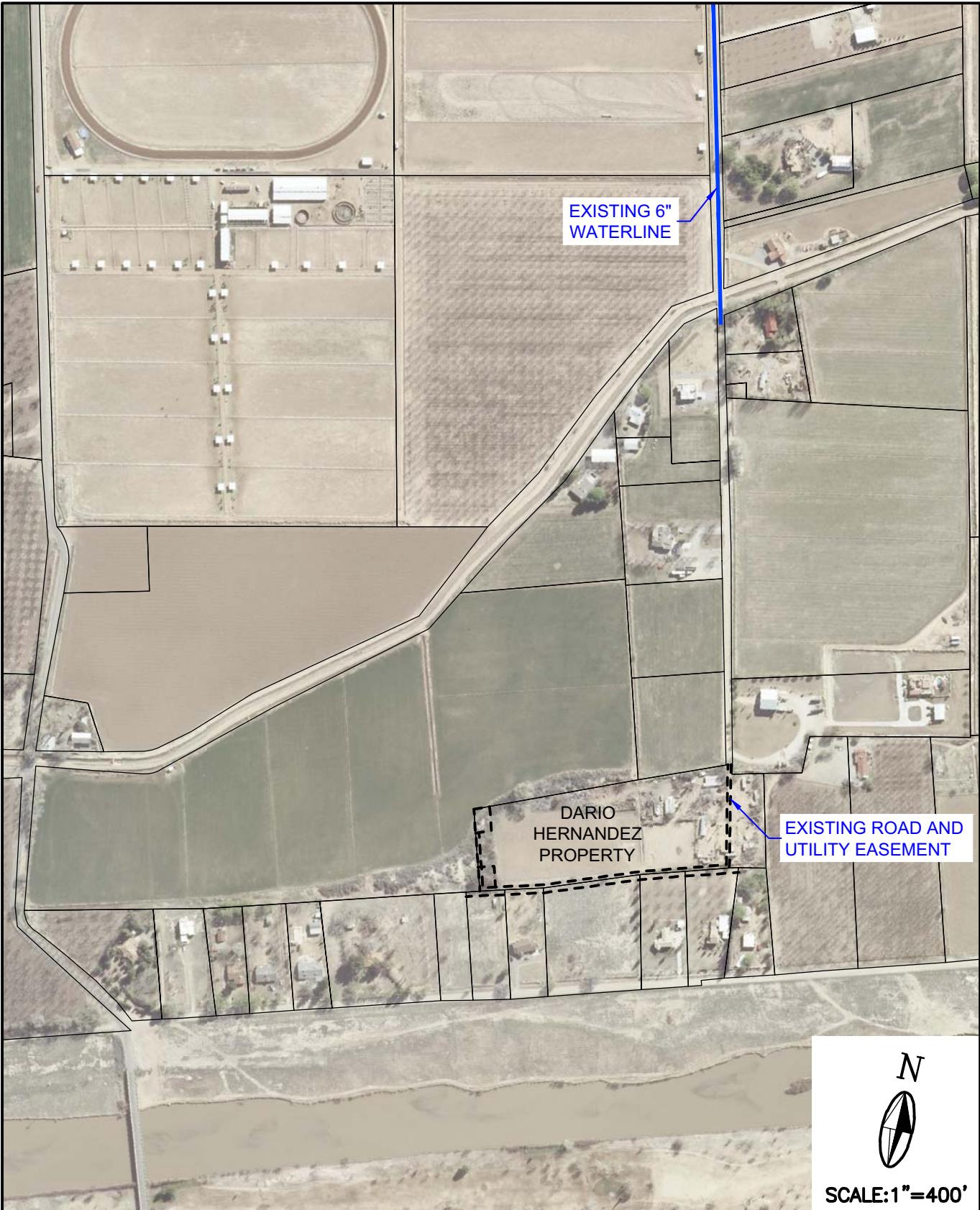
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**EXISTING AWSD UTILITY EASEMENTS**

**FIGURE 6.1.1.1**



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WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

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**EXISTING AWSD UTILITY EASEMENTS**

**FIGURE 6.1.1.2**

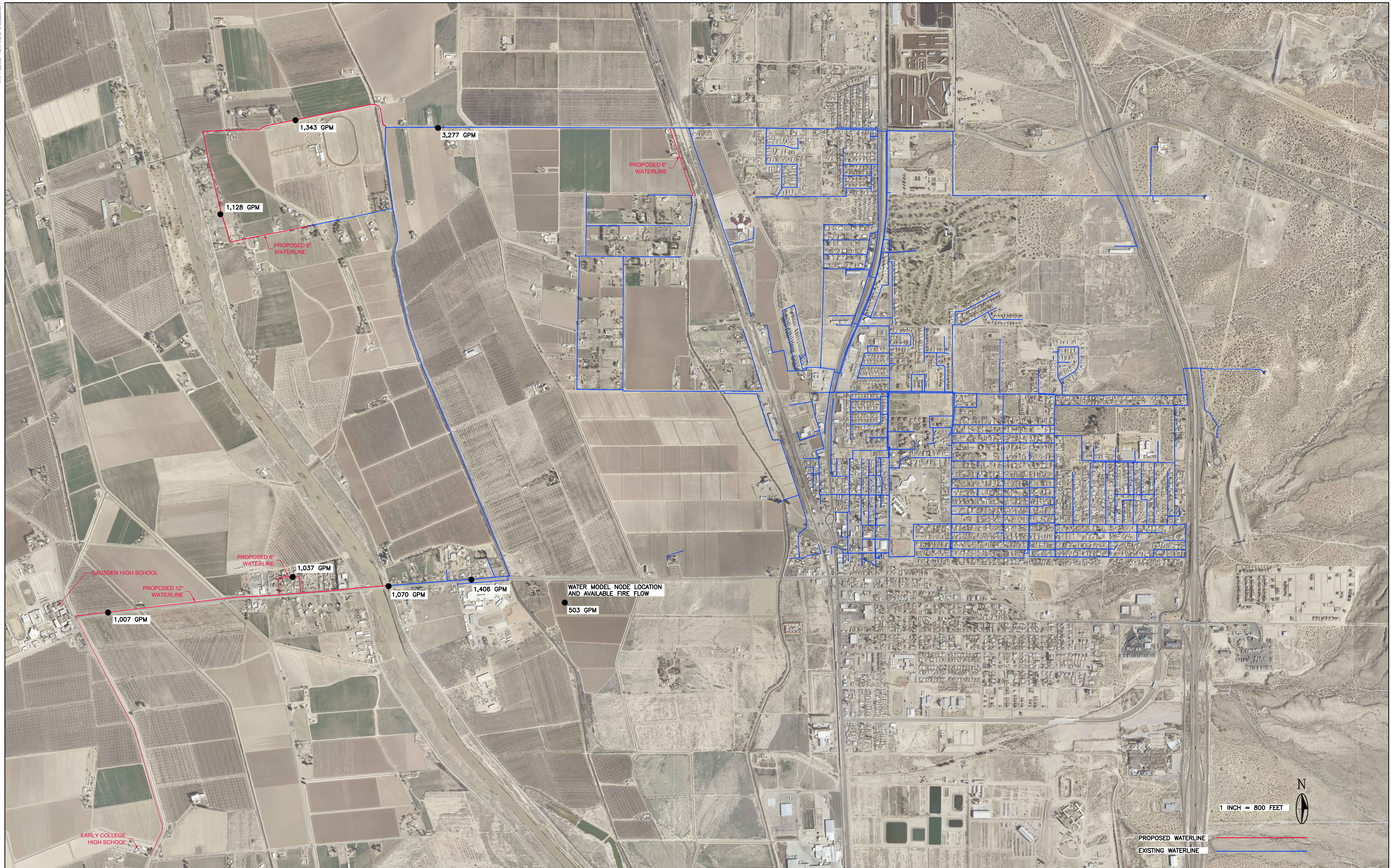
Water modeling has been completed for the recommended alternative to verify headlosses within the system. This water model showed that AWS D cannot provide fire flow to Gadsden High School and the Alta Vista Early College High School. The Gadsden Independent School District will need to find a way to provide fire flow, possibly using their existing system in conjunction with the proposed improvements. Despite not being able to provide fire flow to the two schools, the waterline extension across the river would allow for an alternative source to the schools. Figures 6.1.1.3 and 6.1.1.4 show the recommended waterline extension layout along with the results of the water modeling completed for the proposed waterline extension at minimum 20 psi residual pressure.

The headlosses due to the long stretch of 10-inch waterline on Dairy Farm Road prevent 1,500 gpm of fire flow from being available at the school. The model shows the results utilizing a 12-inch waterline across the river. Though a 14 or 16-inch waterline would aid in the reduction of headlosses across the river, 1,500 gpm is not available prior to crossing the river.

Water modeling will also need to be utilized at the time of design to determine the best alternative for the size of the waterline. At this time a 12-inch waterline is utilized in cost estimation. The waterline will be extended across the river at Washington Street utilizing directional drill methods. This will require coordination with both the EBID as well as the IBWC.



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WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

FIGURE 6.1.1.3. PROPOSED WATER LINE EXTENSION

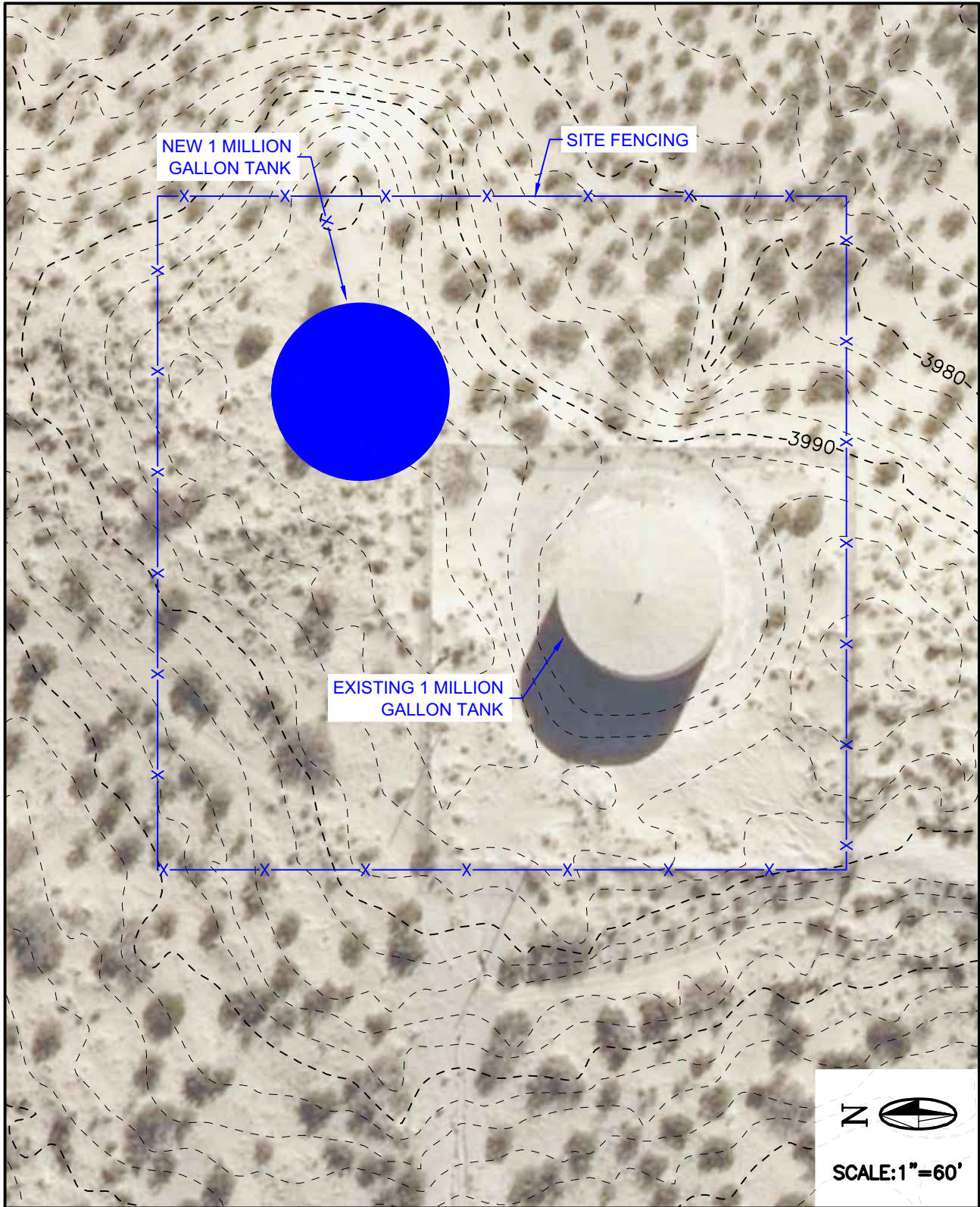


### 6.1.2. Additional Water Tank

Instead of acquiring more land, we feel that it would be easiest to construct a new tank adjacent to an existing tank and modify the BLM lease agreement to extend the property boundaries to fit a new tank on the property. The south tank site is better suited for this type of project when compared to the north tank well site as the north tank site would require the acquisition of land from a private property owner.

We recommend constructing the 1 million gallon tank at the south well site to the north east of the existing tank. In order to match existing head requirements, this tank would be constructed at the same elevation and match the height of the existing tank. Since the new tank will have the same capacity of the existing tank, the new tank will have a similar diameter. The new tank is estimated to have a diameter of at least 78 feet with a height of at least 28 feet. Figure 6.1.2.1 shows a preliminary site plan for the construction of a new 1 million gallon storage tank.

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WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

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**PROPOSED 1 MILLION GALLON WATER  
STORAGE TANK - FIGURE 6.1.2.1**

### 6.1.3. Waterline Replacement

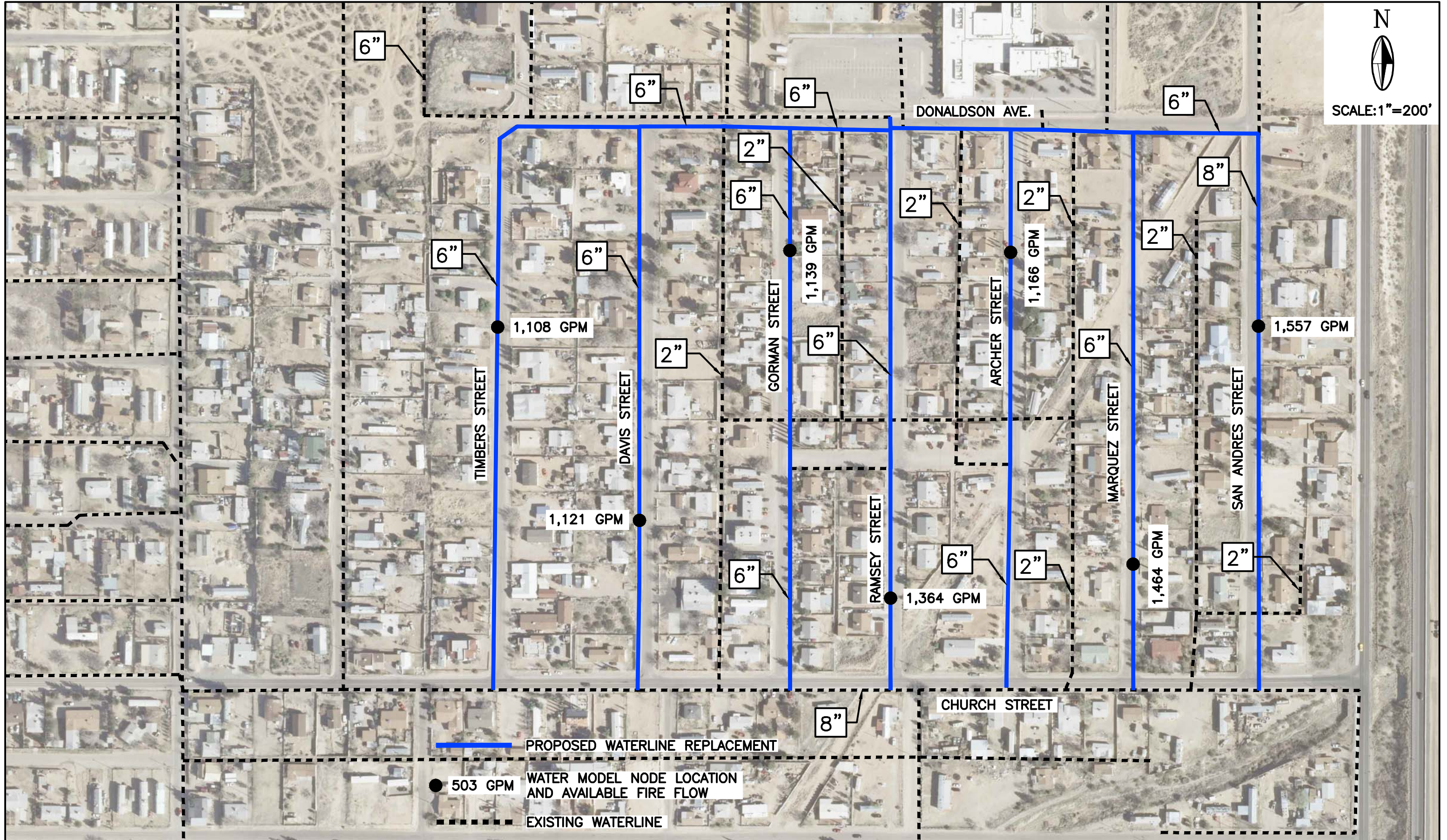
AWSD personnel have dealt with many issues with the current water infrastructure within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions. This includes waterlines along Donaldson Avenue, Timbers, Davis, Gorman, Ramsey, Archer, Marquez, and San Andres Streets. Each one of these waterlines is believed to be in poor condition where replacement would eliminate maintenance costs and provide the AWSD residents with a much more reliable water system. Alternative 5 was selected, though most expensive, provides the most capacity including the capability of fire flow which is crucial within the residential area. Figure 6.1.3.1 shows the results of the available fire flows at minimum 20 psi residual pressure along with the recommended waterline replacement locations. .



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#### 6.1.4. Waterline Replacement for Fire Flow

AWSD personnel have many concerns pertaining to the water infrastructure within the Green Meadows Estates, Kalar, Timbers, and Quintas de Los Lagos Subdivisions. Each one of these residential areas contains 2-inch waterlines which do not have the capacity for fire flow. It is recommended that these waterlines be replaced with 6-inch waterlines to provide AWSD customers with safety in the event of a fire. Water modeling has been completed for these areas to show the effects the proposed waterline replacements would have on the existing system within the area. Figures 6.1.4.1 through 6.1.4.8 show the various locations with existing versus proposed fire flows at minimum 20 psi residual pressure.

Figures 6.1.4.1 and Figure 6.1.4.2 show the existing waterlines and recommended waterline replacement for the Kalar and Timbers residential areas. Figures 6.1.4.3 and Figure 6.1.4.4 show the existing waterlines and recommended waterline replacement for the Quintas De Los Lagos residential area. Figures 6.1.4.5 and Figure 6.1.4.6 show the existing waterlines and recommended waterline replacement for Anthony Drive. Figures 6.1.4.7 and Figure 6.1.4.8 show the existing waterlines and recommended waterline replacement for the Green Meadows Estates residential areas.

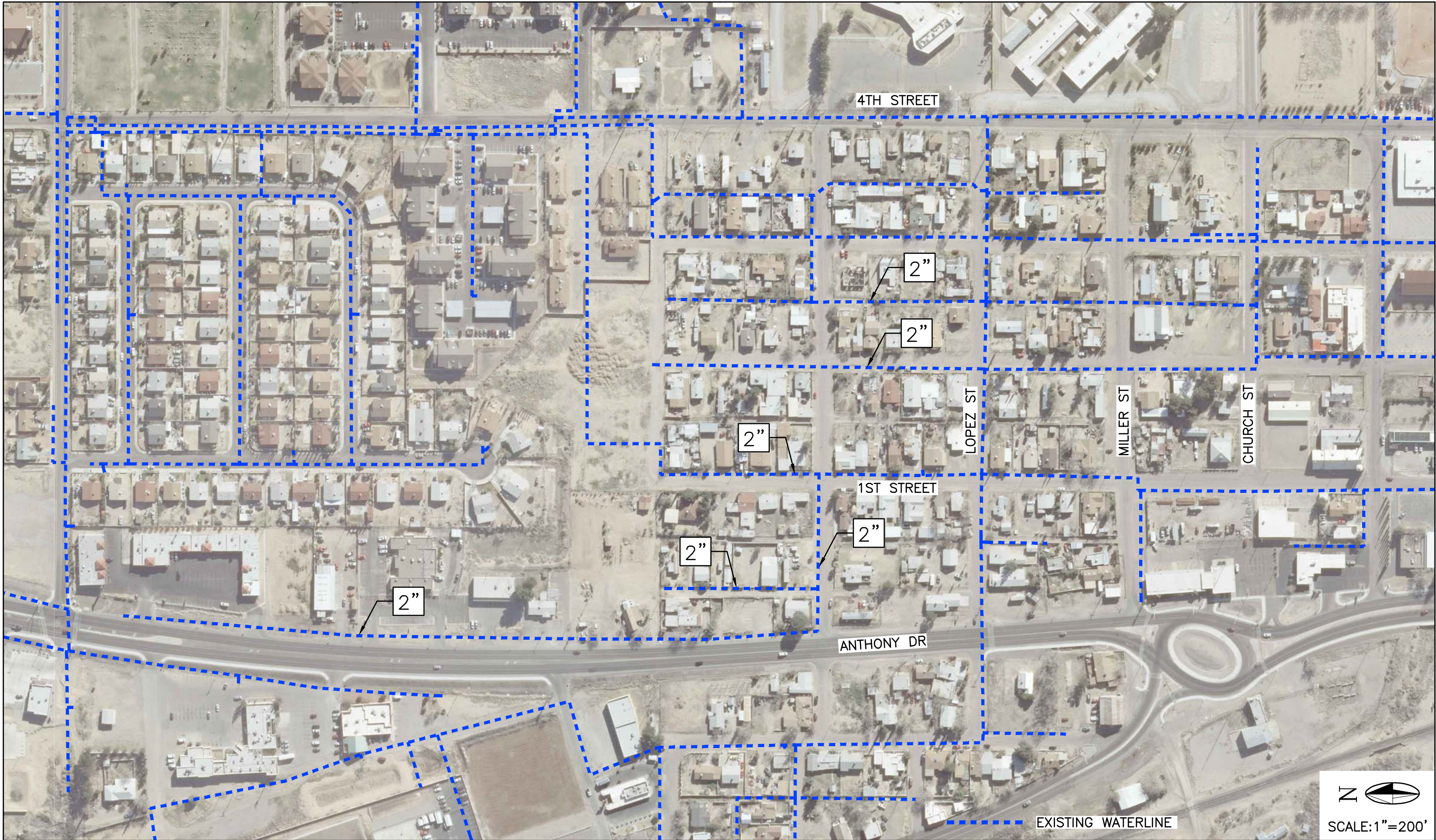




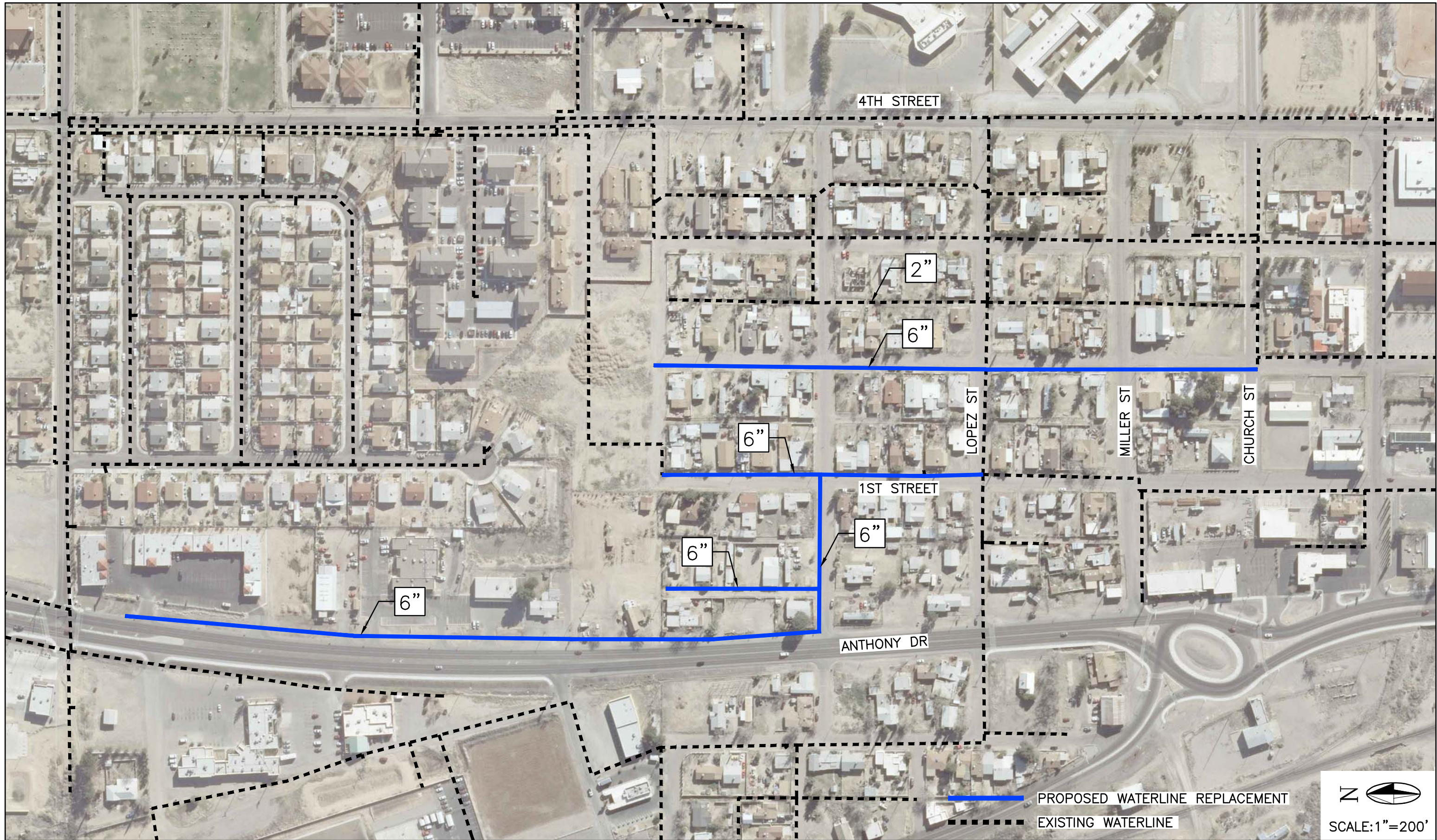






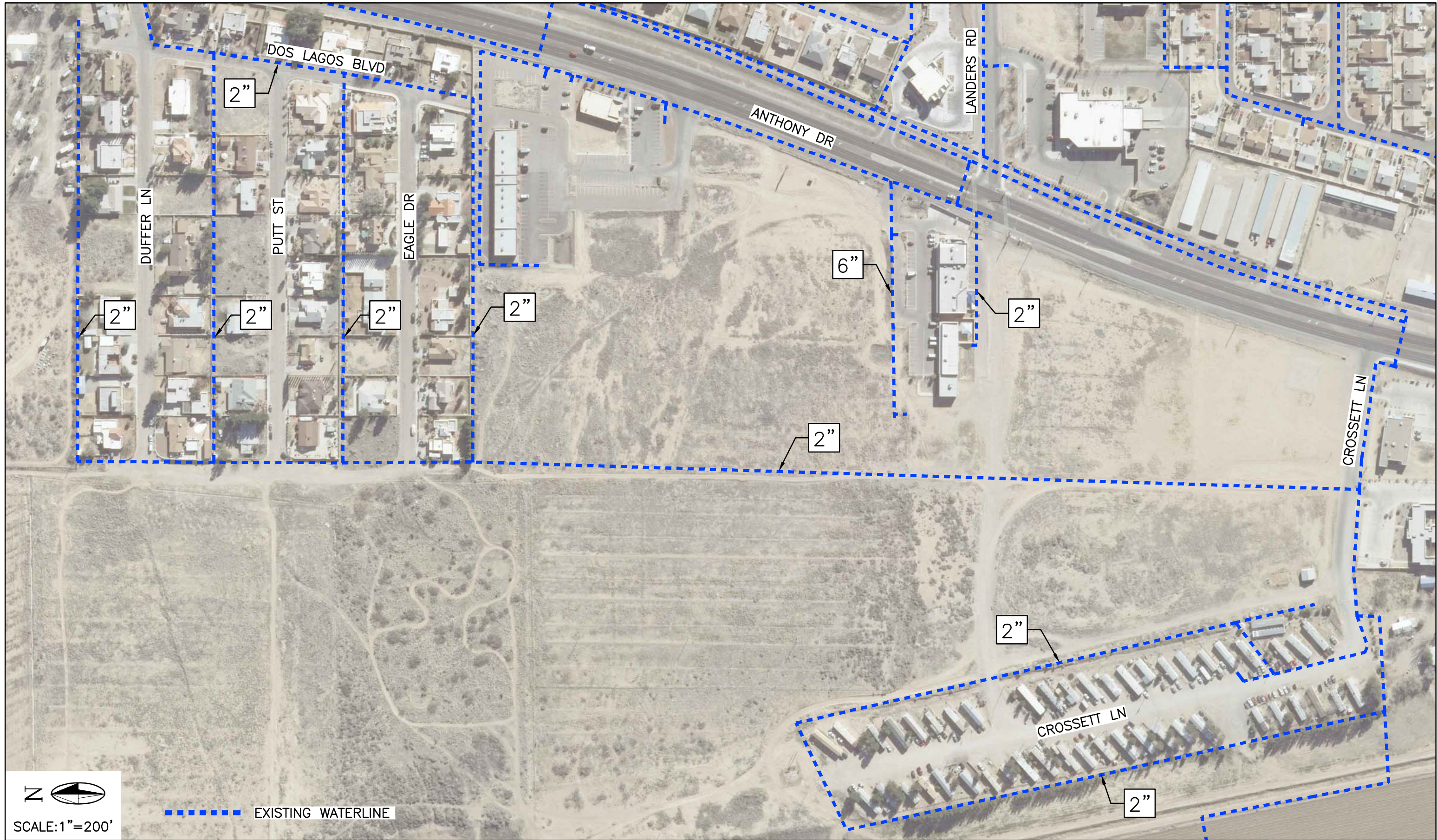








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EXISTING WATERLINE

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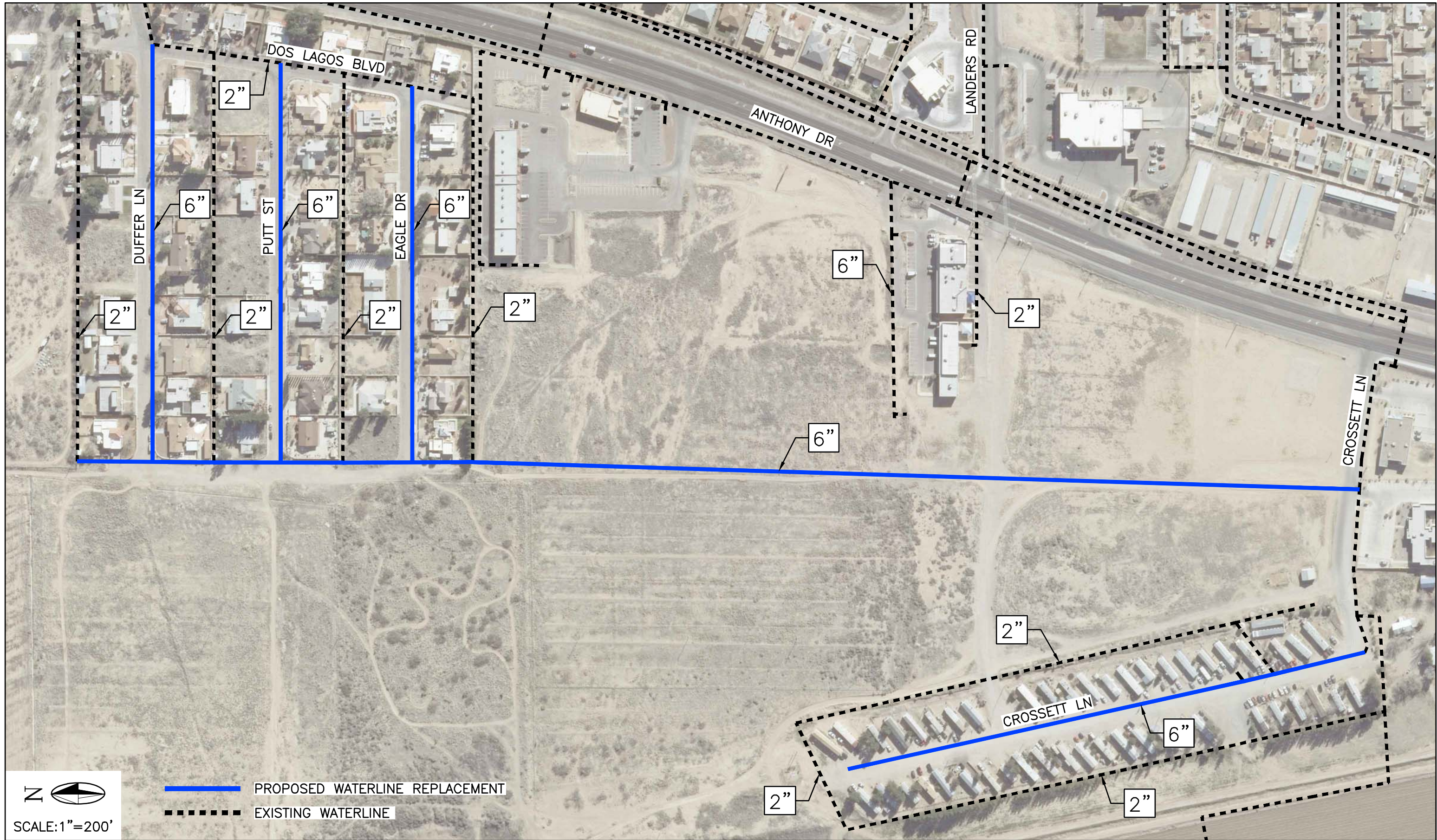
WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

**EXISTING WATERLINES WITHIN THE ANTHONY DRIVE RESIDENTIAL AREA**

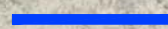
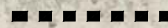
**FIGURE 6.1.4.5**



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-  PROPOSED WATERLINE REPLACEMENT
-  EXISTING WATERLINE

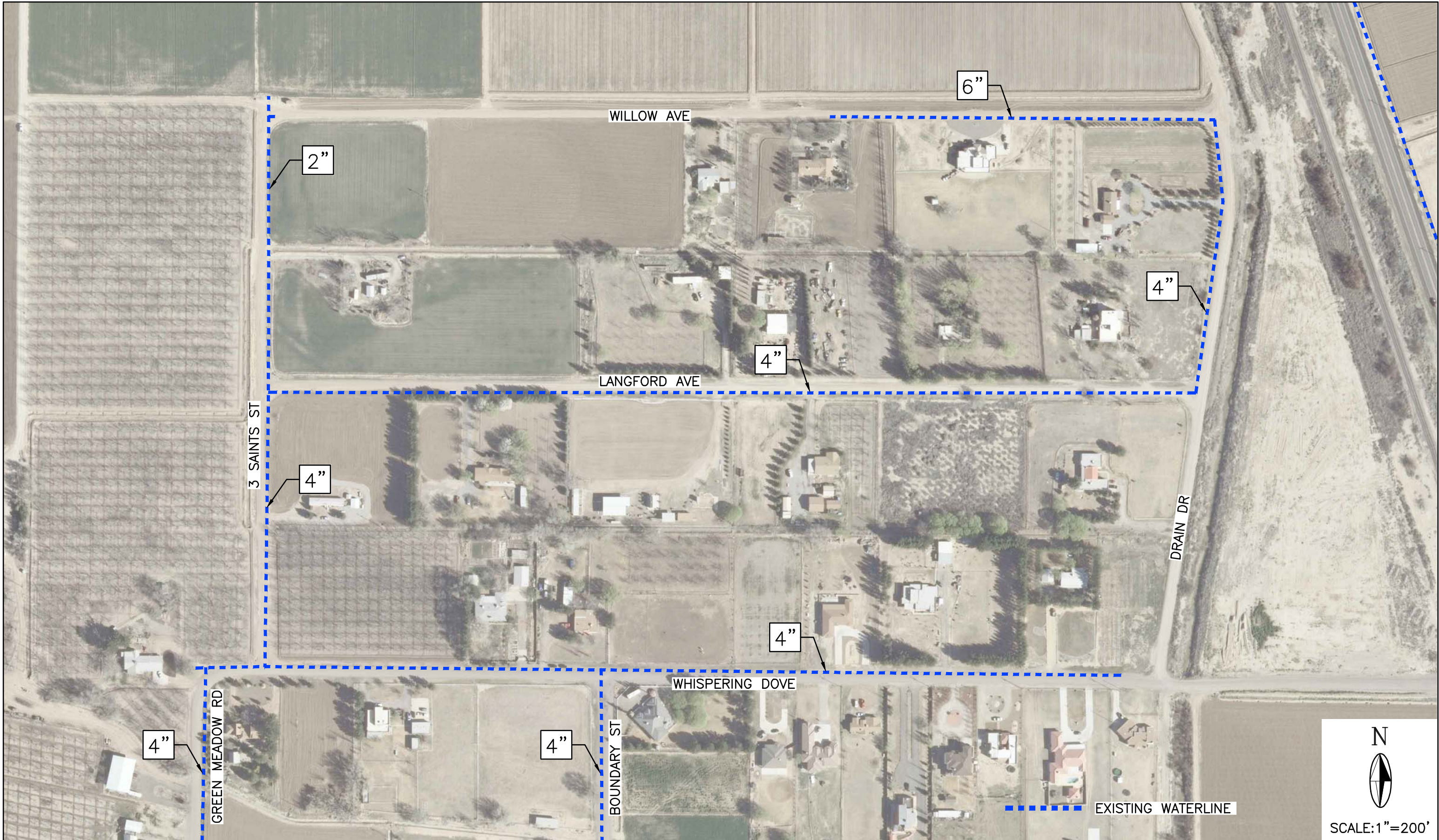
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WATER DISTRIBUTION SYSTEM PRELIMINARY ENGINEERING REPORT

**PROPOSED WATERLINES WITHIN THE ANTHONY DRIVE RESIDENTIAL AREA**

**FIGURE 6.1.4.6**











## **6.2. Project Schedule**

Currently, the AWSO has approximately \$900,000 for water infrastructure projects through colonias and capital outlay funding. These projects are recommended to be completed through phasing as funding becomes available. Table 6.2.1 shows a preliminary estimate of the design and construction schedule for the projects discussed.

**TABLE 6.2.1. PRELIMINARY PROJECT SCHEDULES**

<b>Waterline Extension</b>			
<b>Task</b>	<b>Duration (months)</b>	<b>Start Date</b>	<b>Completion Date</b>
Design	7	Feb-16	Sep-16
Bid/ Award	2	Sep-16	Nov-16
Construction	7	Nov-16	Jun-17
<b>Total Project Time</b>	<b>16</b>	<b>Feb-16</b>	<b>Jun-17</b>
<b>*Additional Storage Tank</b>			
<b>Task</b>	<b>Duration (months)</b>		
NEPA Coordination	18		
Design	2		
Bid/Award	1		
Construction	4		
<b>Total Project Time</b>	<b>25</b>		
<b>*Waterline Replacement</b>			
<b>**Task</b>	<b>**Duration (months)</b>		
Design	7		
Bid/ Award	2		
Construction	7		
<b>Total Project Time</b>	<b>16</b>		

\*Projects will be phased based on available funding

\*\*Schedule for waterline replacement applies to each residential area discussed

## **6.3. Permit Requirements**

The permitting authorities for the various alternatives would consist of the NMDOT, IBWC, and EBID. Each permitting authority would be affected differently based on the different alignment and river crossing alternatives.

### 6.3.1. International Boundary & Water Commission

A license or permit is required from the USIBWC (United States International Boundary & Water Commission) for any proposed activities crossing or encroaching upon the floodplains of IBWC flood control projects and right-of-way. The IBWC will review the project based on the US Section Directive Volume IV Chapter 315 Dated July 27, 2000. This document provides guidance pertaining to construction within the limits of IBWC floodways. There are several takeaways from the document which are provided below (IBWC, 2000):

- Small Diameter pipes (2”- 8”) shall be placed a minimum of two feet below the levee road surface and side slopes.
- Small diameter pipes must be properly designed and constructed to prevent flotation, scouring or erosion of the embankment slopes from leakage or currents.
- Levee integrity is to be maintained with any pipeline crossing.
- Pipeline installations shall not parallel the levees on either the channel or land side of the levees (this avoids utility corridors). Pipelines are allowed only to cross perpendicular to channels, rivers or US IBWC right-of-way and levees.
- The pipe itself and joints must be water tight to prevent leakage at levee and river crossings.
- Directional drilling through levees is strictly prohibited. The installation of pipes 10 inches in diameter or larger through levees shall be performed using the open cut method.
- Pipes crossing beneath levees shall be constructed with open excavation methods.
- Directional crossings under levees have the least environmental impact to any alternate method and offer maximum depth of cover.
- Pipes constructed with directional drilling methods should proceed only after a comprehensive evaluation of the following: comprehensive understanding of the subsurface soil and groundwater conditions to a minimum depth of 20 feet below the lowest pipe elevation, locations of the pipe penetration entry and exit, drilling procedure, allowable uplift pressures, on-site quality control and quality assurance monitoring



during drilling operation, grouting of the pipe annulus, backfilling of any excavated areas, and repair of the construction-staging areas.

- Installation of pipes in existing levees by tunneling or jacking is strictly prohibited.
- All pipes allowed to penetrate the embankment or foundation of a levee must be provided with devices to assure positive closure.
- Work requiring the open cut method shall be scheduled during the non-flood seasons corresponding to November 1<sup>st</sup> through May 31<sup>st</sup>.
- No constrictions or diversions are allowed between June 1<sup>st</sup> and October 31<sup>st</sup>.
- The pipeline shall be constructed in a straight alignment for a minimum distance of 15 feet beyond the landside of the levee toe.
- Pipes crossing over the Rio Grande shall require a Department of Transportation permit (US Coast Guard).

The permits and license checklist can be found in Appendix H.

#### 6.3.2. New Mexico Department of Transportation

The Washington Street or NM Highway 225 Bridge over the Rio Grande is an NMDOT managed roadway. Therefore, if a waterline were to be installed utilizing the bridge, an application for permit to install utility facilities within public right of way would be needed. The permit application can be found within Appendix H.

#### 6.3.3. Elephant Butte Irrigation District

EBID requires that a Right of Use Special Use Permit be completed through them if a utility line is to cross one of their facilities such as an irrigation canal. O'Hara Road, Webb Road, and Washington Street each cross an EBID canal requiring a Right of Use Permit.

EBID requires all utility crossings for canals and laterals to be under an existing culvert with a minimum clear distance of 12 inches between the bottom of the culvert and the top of the utility conduit. For drains, EBID allows utility crossings to be made above an existing culvert with a minimum clear distance of 12 inches between the bottom of the utility conduit and the top of the

culvert conduit. Where the culvert is CMP, the applicant may be required to go under the culvert with jack and bore techniques. A minimum cover of 12 inches shall be provided from the top of the utility conduit to any roadway surface.

Steel pipe shall be used in place of plastic pipe at waterway crossings unless the plastic pipe is encased within steel pipe within the limits of the established rights-of-way. All utility lines shall have warning tape placed 12 inches over the utility line. Utilities installed parallel to a canal or lateral centerline shall be buried along and within the outside five feet of the right-of-way, and not less than three feet below the invert of the channel or surrounding natural ground, whichever is lowest. Utilities adjacent to drains shall be installed a minimum of three feet below the natural surface. The permit application can be found in Appendix H.

#### 6.3.4. Bureau of Land Management

The Bureau of Land Management (BLM) requires a Cultural Resource Use Permit in order to acquire land for use. AWSD acquired use of BLM land for the use of the existing water storage tank sites. In order to construct an additional 2 million gallon storage tank at the south tank site, the AWSD would need to use form NM-8151-6 with the BLM for a Request for Modification of Cultural Resource Use Permit which can be found in Appendix H.

### **6.4. Sustainability Considerations**

#### 6.4.1. Water and Energy Efficiency

Currently, the AWSD is producing approximately 32.3 million gallons per month on average. Approximately 10% of that is lost per month and is unaccounted for. The AWSD responds to approximately 100 work orders annually corresponding to water leaks. The proposed waterline replacements are expected to help reduce the number of work orders AWSD must respond to, as well as decrease the amount of water lost within the system. With less water being lost throughout the system, more energy is expected to be saved based on less water being pumped annually and ran through the RO facility.



#### 6.4.2. Green Infrastructure

The tank will be located at a higher elevation to utilize gravity and decrease the need for booster pumps.

#### 6.4.3. Other

PVC C-900 is the pipe material to be utilized as it is long lasting and sustainable due to its chemically inert properties.

### **6.5. Total Project Cost Estimate**

#### 6.5.1. Waterline Extension

A cost estimate has been completed for the proposed waterline extension utilizing alignment 3 with a directional drill crossing. Waterline sizes were based on the existing waterlines on Washington Street, O'Hara Road, and Webb Road as well as calculations utilizing the Bernoulli equation as well as the Hazen Williams equation for friction loss. Calculations can be found in Appendix I. Table 6.5.1.1 shows the cost estimate for the proposed waterline extension construction. Table 6.5.1.2 shows the estimated non-construction costs including the total project cost associated with construction and non-construction.

**TABLE 6.5.1.1. WATERLINE EXTENSION CONSTRUCTION COST ESTIMATE**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$17	\$24,225
6" Gate Valve	EA	2	\$1,200	\$2,400
Fire Hydrants	EA	2	\$3,000	\$6,000
<b>Sub total</b>				<b>\$32,625</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$15,000	\$15,000
12" Waterline	LF	6350	\$33	\$209,550
12" Gate Valve	EA	3	\$2,300	\$6,900
6" Waterline	LF	1100	\$17	\$18,700
6" Gate Valve	EA	2	\$1,200	\$2,400
Directional Drill Across River	LF	900	\$150	\$135,000
Jack & Bore	LF	200	\$250	\$50,000
Jack & Bore Road Crossing	EA	1	\$25,000	\$25,000
Fire Hydrants	EA	8	\$3,000	\$24,000
<b>Sub total</b>				<b>\$486,550</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4100	\$31	\$127,100
14" Gate Valve	EA	2	\$2,400	\$4,800
Jack & Bore	LF	100	\$220	\$22,000
Pavement Removal & Replacement	SY	30	\$33	\$990
Fire Hydrants	EA	2	\$3,000	\$6,000
<b>Sub total</b>				<b>\$154,890</b>
<b>Webb Road</b>				
6" Waterline	LF	1300	\$17	\$22,100
6" Gate Valve	EA	1	\$1,200	\$1,200
Fire Hydrants	EA	2	\$3,000	\$6,000
<b>Sub total</b>				<b>\$29,300</b>
<b>Property Line Loop</b>				
8" Waterline	LF	2650	\$19	\$50,350
8" Gate Valve	EA	3	\$1,600	\$4,800
Fire Hydrants	EA	5	\$3,000	\$15,000
<b>Sub total</b>				<b>\$70,150</b>
<b>NM 28</b>				
Mobilization	LS	1	\$15,000	\$15,000
12" Waterline	LF	5300	\$33	\$174,900
12" Gate Valve	EA	5	\$2,300	\$11,500
Fire Hydrant	EA	4	\$3,100	\$12,400
Fire Hydrant	EA	4	\$3,100	\$12,400
<b>Sub total</b>				<b>\$213,800</b>
<b>Project Sub total Cost</b>				<b>\$987,315</b>
Contingencies @ 10%				\$98,732
<b>Total Construction Cost</b>				<b>\$1,086,047</b>



**TABLE 6.5.1.2. WATERLINE EXTENSION TOTAL PROJECT COSTS**

<b>Estimated Non-Construction Costs and Total Project Cost</b>	
Design	\$75,000
Survey	\$22,000
Legal (easements, ROW, etc.)	\$10,000
Permitting	\$10,000
Observation	\$90,000
Contingencies @10%	\$20,700
<b>Total Soft Costs</b>	<b>\$227,700</b>
<b>Total Construction Cost</b>	<b>\$1,086,047</b>
<b>Total Project Costs</b>	<b>\$1,313,747</b>

6.5.2. Water Storage Tank

A cost estimate has been completed for the addition of a 1 million gallon storage tank to the AWSD system. The water storage tank is estimated as part of a lump sum with all construction related activities including tank connections etc. included as part of the lump sum. Table 6.5.2.1 shows the cost estimate for the proposed 1 million gallon storage tank.

**TABLE 6.5.2.1. STORAGE TANK COST ESTIMATE**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$80,000	\$80,000
1 Million Gallon Water Storage Tank	LS	1	\$1,000,000	\$1,000,000
Site Grading	LS	1	\$25,000	\$25,000
16" Water Line	LF	275	\$34	\$9,350
<b>Subtotal</b>				<b>\$1,114,350</b>
Contingencies @ 15%				\$167,153
<b>Total</b>				<b>\$1,281,503</b>
<b>Estimated Non-Construction Costs and Total Project Cost</b>				
Design				\$106,500
Survey				\$3,000
Legal (easements, ROW, etc.)				\$12,500
Permitting				\$12,500
Observation				\$100,000
Contingencies @10%				\$23,450
<b>Total Soft Costs</b>				<b>\$257,950</b>
<b>Total Project Costs</b>				<b>\$1,539,453</b>

### 6.5.3. Waterline Replacement

A cost estimate has been completed for the waterline replacement within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions. 6-inch waterline was used for each waterline with the exception of San Andres Street which is an 8-inch waterline. Table 6.5.3.1 shows the cost estimate for the proposed waterline replacement.

**TABLE 6.5.3.1. WATERLINE REPLACEMENT COST ESTIMATE**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$15,000	\$15,000
6" Waterline	LF	9475	\$17	\$161,075
6" Gate Valve	EA	18	\$1,200	\$21,600
8" Waterline	LF	1250	\$19	\$23,750
8" Gate Valve	EA	2	\$1,600	\$3,200
Pavement Replacement	SY	4800	\$33	\$158,400
Water Service Connection	EA	130	\$1,000	\$130,000
Fire Hydrants	EA	21	\$3,000	\$63,000
<b>Subtotal</b>				<b>\$576,025</b>
Contingencies @ 15%				\$86,404
<b>Total</b>				<b>\$662,429</b>
<b>Estimated Non-Construction Costs</b>				
				\$59,000
				\$12,000
				\$15,000
				\$10,000
				\$50,000
				\$14,600
				<b>\$160,600</b>
				<b>\$823,029</b>



6.5.4. Additional Waterline Replacements

**TABLE 6.5.4.1. KALAR & TIMBERS WATERLINE REPLACEMENT COSTS**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$15,000	\$15,000
6" Waterline	LF	16775	\$17	\$285,175
6" Gate Valve	EA	22	\$1,200	\$26,400
Pavement Replacement	SY	7475	\$33	\$246,675
Fire Hydrants	EA	36	\$3,000	\$108,000
<b>Subtotal</b>				<b>\$681,250</b>
Contingencies @ 15%				\$102,188
<b>Total</b>				<b>\$783,438</b>
<b>Estimated Non-Construction Costs</b>				
	Design			\$65,000
	Survey			\$10,000
	Legal (easements, ROW, etc.)			\$15,000
	Permitting			\$10,000
	Observation			\$55,000
	Contingencies @ 10%			\$15,500
	Total Soft Costs			<b>\$170,500</b>
	<b>Total Project Costs</b>			<b>\$953,938</b>

**TABLE 6.5.4.2. QUINTAS DE LOS LAGOS WATERLINE REPLACEMENT COSTS**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$15,000	\$15,000
6" Waterline	LF	6775	\$17	\$115,175
6" Gate Valve	EA	12	\$1,200	\$14,400
Pavement Replacement	SY	3015	\$33	\$99,495
Fire Hydrants	EA	14	\$3,000	\$42,000
<b>Subtotal</b>				<b>\$286,070</b>
Contingencies @ 15%				\$42,911
<b>Total</b>				<b>\$328,981</b>
<b>Estimated Non-Construction Costs</b>				
	Design			\$27,000
	Survey			\$8,000
	Legal (easements, ROW, etc.)			\$10,000
	Permitting			\$5,000
	Observation			\$20,000
	Contingencies @ 10%			\$7,000
	Total Soft Costs			<b>\$77,000</b>
	<b>Total Project Costs</b>			<b>\$405,981</b>

**TABLE 6.5.4.3. ANTHONY DRIVE WATERLINE REPLACEMENT COSTS**

Item	Unit	Quantity	Unit Price	Total Price
Mobilization	LS	1	\$15,000	\$15,000
6" Waterline	LF	5875	\$17	\$99,875
6" Gate Valve	EA	10	\$1,200	\$12,000
Pavement Replacement	SY	2625	\$33	\$86,625
Fire Hydrants	EA	13	\$3,000	\$39,000
<b>Subtotal</b>				<b>\$252,500</b>
Contingencies @ 15%				\$37,875
<b>Total</b>				<b>\$290,375</b>
<b>Estimated Non-Construction Costs</b>				
	Design			\$30,000
	Survey			\$8,000
	Legal (easements, ROW, etc.)			\$10,000
	Permitting			\$5,000
	Observation			\$20,000
	Contingencies @ 10%			\$7,300
	Total Soft Costs			<b>\$80,300</b>
	<b>Total Project Costs</b>			<b>\$370,675</b>

**TABLE 6.5.4.4. GREEN MEADOW ESTATES WATERLINE REPLACEMENT COSTS**

<b>Estimated Construction Costs</b>				
Item	Unit	Quantity	Unit Price	Total Price
Mobilization	LS	1	\$15,000	\$15,000
6" Waterline	LF	7050	\$17	\$119,850
6" Gate Valve	EA	6	\$1,200	\$7,200
Pavement Replacement	SY	3150	\$33	\$103,950
Fire Hydrants	EA	16	\$3,000	\$48,000
<b>Subtotal</b>				<b>\$294,000</b>
Contingencies @ 15%				\$44,100
<b>Total</b>				<b>\$338,100</b>
<b>Estimated Non-Construction Costs</b>				
	Design			\$25,000
	Survey			\$8,000
	Legal (easements, ROW, etc.)			\$8,000
	Permitting			\$5,000
	Observation			\$15,000
	Contingencies @ 10%			\$6,100
	Total Soft Costs			<b>\$67,100</b>
	<b>Total Project Costs</b>			<b>\$405,200</b>



**6.6. Annual Operating Budget**

The State of New Mexico Department of Finance and Administration Local Government Division reviewed the proposed budget for Fiscal Year 2016 and granted approval and certification for use pending the reception of a resolution adopting the operating budget for Fiscal Year 2016, the fourth quarter financial report, a resolution approving the fourth quarter financial report, and a revised budget recap page to include updated unaudited beginning cash balances as of July 1, 2015.

The following tables show that the AWSD plans to operate on a budget of just below \$3.5 million for the 2016 fiscal year. The largest revenue comes from water sales of \$1.3 million with most other revenue sources being in the form of grants. Expenses match AWSD revenues with the largest expenses being personnel services and operation expenses totaling just above \$2.1 million.

**TABLE 6.6.1. FISCAL YEAR 2016 REVENUES**

<b>Revenues-Fiscal Year 07/01/2015 - 06/30/2016</b>	
<b>Line Item</b>	<b>Value</b>
Water Sales	\$1,300,500.00
Water/Sewer Tax	\$107,865.00
Water/Sewer Connection Fees	\$57,000.00
Sewer Charges	\$856,800.00
Miscellaneous/Other Charges	\$378,362.00
Other Charges Billing Contracting/Chamberino	\$88,031.00
Interest Earned (Water & Sewer)	\$3,100.00
BECC Energy Project	\$50,000.00
NMFA 3232 WWTP Planning	\$50,000.00
NMFA 3231 Water Planning	\$50,000.00
Farmers Market SAP-2014	\$146,000.00
NMFA Colonias 3168 Water Planning	\$82,000.00
NMFA Colonias 3167 Wastewater	\$100,000.00
Sonic Lift Station Project	\$138,299.00
<b>Total Revenues</b>	<b>\$3,407,957.00</b>

**TABLE 6.6.2. FISCAL YEAR 2016 EXPENSES**

<b>Expenses-Fiscal Year 07/01/2015 - 06/30/2016</b>	
<b>Line Item</b>	<b>Value</b>
Personnel Services	\$878,005.00
Operation Expense	\$1,235,580.00
Fuel and Power	\$367,528.00
Contingency/ Capitol Outlay	\$78,000.00
Debt Payment	\$192,545.00
Debt Reserve	\$40,000.00
BECC Energy Project	\$50,000.00
NMGA 3232 WWTP Planning	\$50,000.00
NMFA 3231 Water Planning	\$50,000.00
Farmers Market SAP-2014	\$146,000.00
NMFA Colonias 3168 Water Planning	\$82,000.00
NMFA Colonias Wastewater	\$100,000.00
Sonic Lift Station Project	\$138,299.00
<b>Total Expenditures</b>	<b>\$3,407,957.00</b>

6.6.1. Income from Residential and Commercial Consumers

The water rates presented in tables 6.6.1.1 and 6.6.1.2 show the current water rates adopted in August of 2013. The income from residential and commercial consumers represents the primary income for AWSD.

**TABLE 6.6.1.1. RESIDENTIAL WATER RATES**

<b>Residential Water Rates</b>				
<b>Meter Size (in)</b>	<b>Monthly Charge per Unit (\$)</b>	<b>First 15,000 Gallons of Usage (\$/1000 gallons)</b>	<b>15,001 to 50,000 Gallons of Usage (\$/1000 gallons)</b>	<b>Over 50,000 Gallons of Usage (\$/1000 gallons)</b>
5/8 or 3/4	\$14.33	\$2.02	\$2.34	\$2.66
1	\$20.05	\$2.02	\$2.34	\$2.66
1 1/2	\$23.18	\$2.02	\$2.34	\$2.66



**TABLE 6.6.1.2. COMMERCIAL WATER RATES**

Commercial Water Rates					
Meter Size (in)	Monthly Charge per Unit (\$)	0 to 15,000 Gallons of Usage (\$/1000 gallons)	15,001 to 50,000 Gallons of Usage (\$/1000 gallons)	50,000 to 250,000 Gallons of Usage (\$/1000 gallons)	Gallons of Usage (\$/1000 gallons)
5/8 or 3/4	\$20.05	\$2.02	\$2.34	\$2.66	\$2.66
1	\$23.88	\$2.02	\$2.34	\$2.66	\$2.66
1 1/2	\$26.52	\$2.02	\$2.34	\$2.66	\$2.66
2	\$29.71	\$2.02	\$2.34	\$2.66	\$2.66
3	\$47.74	\$2.02	\$2.34	\$2.66	\$2.66
4	\$62.59	\$2.02	\$2.34	\$2.66	\$2.66
6	\$328.88	\$2.02	\$2.05	\$2.02	\$2.12

6.6.2. Annual O&M Costs

Annual O&M Costs for the 2016 fiscal year are estimated to be \$1,235,580 with personnel services estimated to be \$878,005. The projected cost for operation and maintenance is approximately 36% of the total expenditures for the 2016 fiscal year. These values can be reduced by the replacement of the older infrastructure such as the waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions.

6.6.3. Debt Repayments and Reserves

Debt payments are estimated to be \$192,545 for the 2016 fiscal year with debt reserves estimated at \$40,000. These numbers were given by AWS D. For a more detailed debt and reserves description, please see Section 2.

## **7.0 CONCLUSIONS AND RECOMMENDATIONS**

We recommend that the waterline extension be completed as soon as possible to provide the residents and the Gadsden Independent School District with an additional reliable water source. This will also provide the 9 residents located near the river with a reliable water source. We recommend utilizing alignment 3 as discussed with the directional drilling techniques to cross the river.

We recommend a 1 million gallon storage tank to be constructed at the south tank site east of Interstate-10. This site has been determined to be the most appropriate. We recommend the tank is constructed at the same elevation as the existing tank matching the height of the existing tank in order to match existing pressures within the system.

We recommend replacing the waterlines within the Enchanted Hills, Mesa Addition, and Las Familias Subdivisions along the alignments of the existing 8 roadways. These existing waterlines are aged and in poor condition. Replacement will provide a much more efficient water system by resolving water leak issues and provide the residents within the area with better water service and capacity to sustain fire flows.

We recommend the replacement of the waterlines within the Green Meadows Estates, Kaylar and Timbers Addition, and Quintas De Dos Lagos Subdivisions which lack capacity for fire flow. The upgrade to 6-inch waterlines will greatly improve the system by cutting down on headlosses and giving those residential areas the capacity for fire protection.



## **8.0 REFERENCES**

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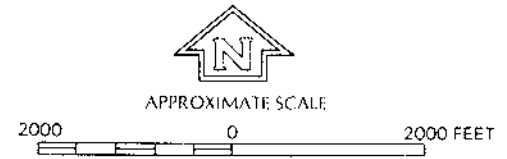
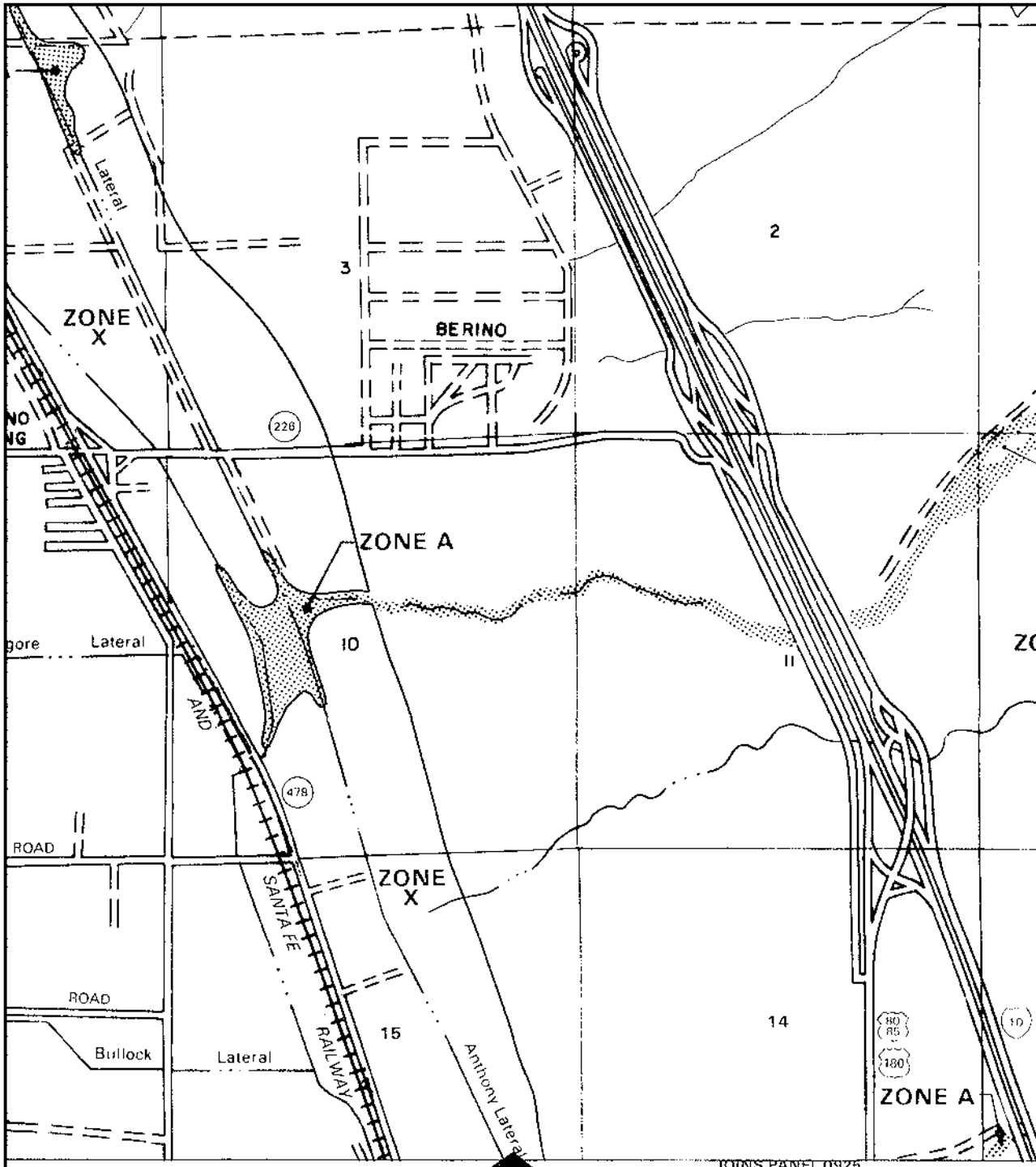
**9.0 APPENDICES**

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NRCS Web Soil Survey..... C  
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# **APPENDIX A**

## **FEMA Flood Insurance Rate Maps**



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM  
 FLOOD INSURANCE RATE MAP**

**DONA ANA COUNTY,  
 NEW MEXICO AND  
 INCORPORATED AREAS**

**PANEL 800 OF 1050**  
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

**CONTAINS**

COMMUNITY	NUMBER	PANEL	SUFFIX
UNINCORPORATED AREAS	350312	0800	E



PANEL LOCATION

**MAP NUMBER  
 35013C0800 E**

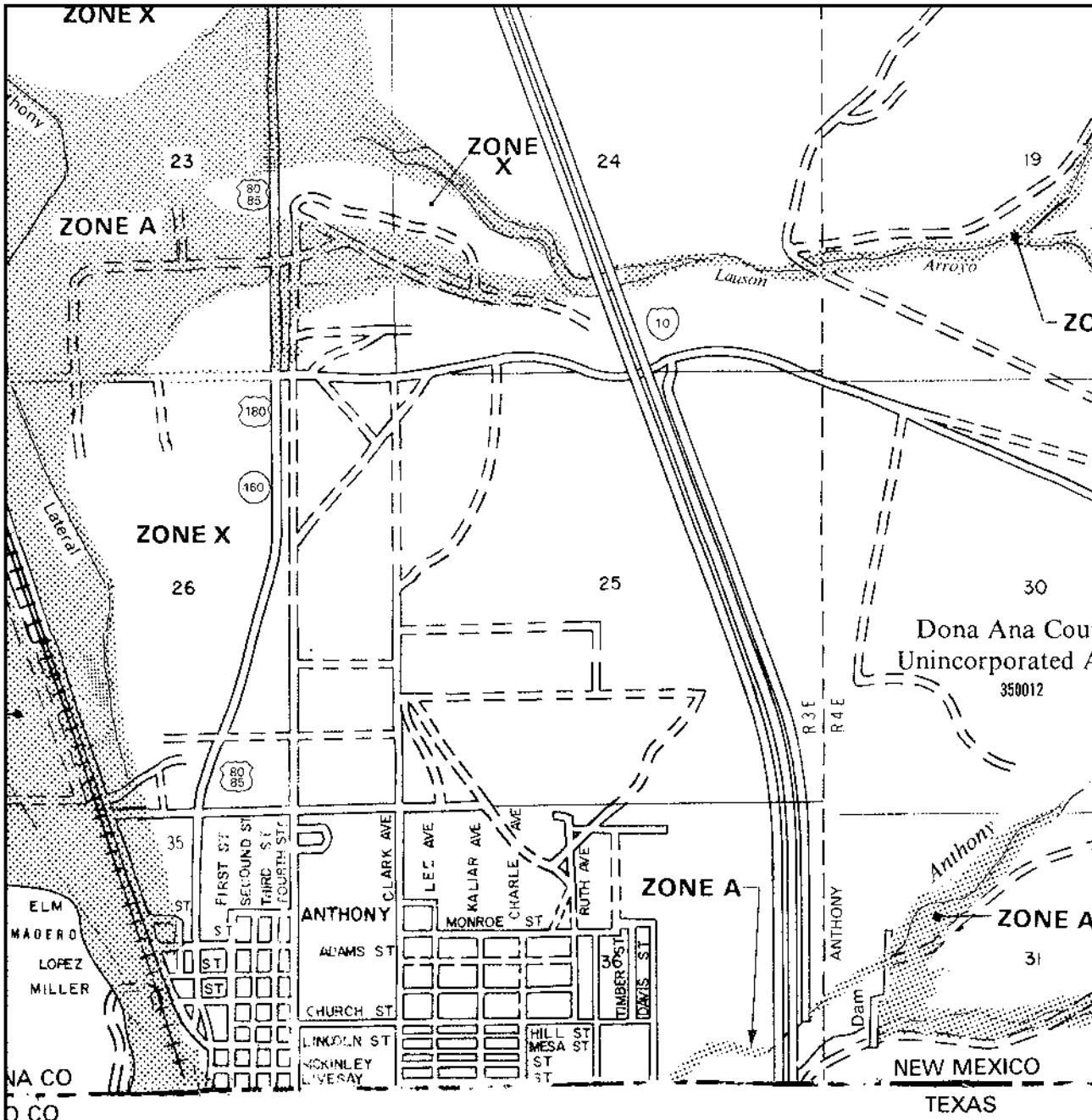
**EFFECTIVE DATE:  
 SEPTEMBER 27, 1991**



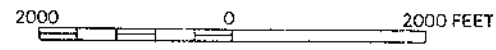
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)





APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

DONA ANA COUNTY,  
NEW MEXICO AND  
INCORPORATED AREAS

PANEL 925 OF 1050  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
UNINCORPORATED AREAS	350012	0925	E



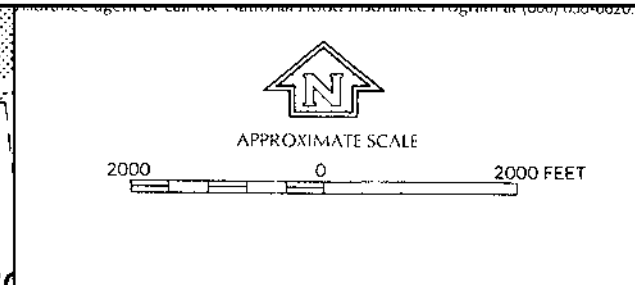
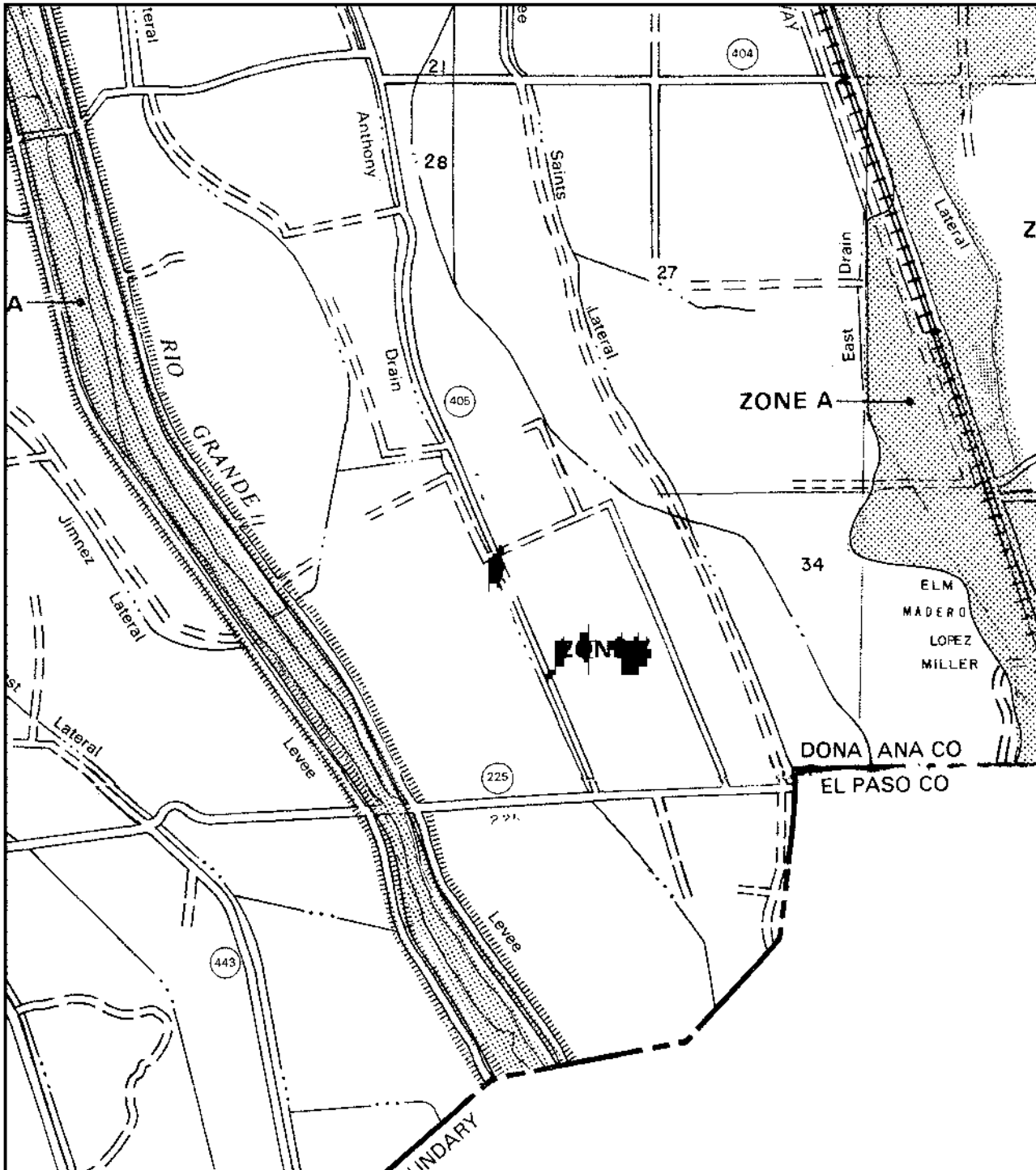
MAP NUMBER  
35013C0925 E

EFFECTIVE DATE:  
SEPTEMBER 27, 1991



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



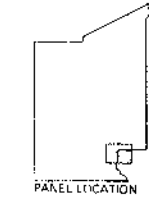
**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**DONA ANA COUNTY,**  
**NEW MEXICO AND**  
**INCORPORATED AREAS**

PANEL 925 OF 1050  
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

**CONTAINS:**

COMMUNITY	NUMBER	PANEL	SUFFIX
UNINCORPORATED AREAS	350012	9925	F



**MAP NUMBER**  
**35013C0925 E**  
**EFFECTIVE DATE:**  
**SEPTEMBER 27, 1991**



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



# **APPENDIX B**

## **Endangered Species**



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## Report County + Status Species List for Dona Ana + State NM: Threatened

15 species returned.

Taxonomic Group	# Species	Taxonomic Group	# Species
Birds	12	Molluscs	1
Mammals	2		

[Export to Excel](#)

Species ID	SpeciesLink	Common Name	Scientific Name	Habitat Map	Photo
050095	<a href="#">Spotted Bat</a>	Spotted Bat	Euderma maculatum	Yes	
050146	<a href="#">Organ Mtns. Colorado Chipmunk</a>	Organ Mtns. Colorado Chipmunk	Tamias quadrivittatus australis	Yes	
040040	<a href="#">Common Black Hawk</a>	Common Black Hawk	Buteogallus anthracinus	Yes	
040370	<a href="#">Bald Eagle</a>	Bald Eagle	Haliaeetus leucocephalus	Yes	
040384	<a href="#">Peregrine Falcon</a>	Peregrine Falcon	Falco peregrinus anatum	Yes	
040385	<a href="#">Arctic Peregrine Falcon</a>	Arctic Peregrine Falcon	Falco peregrinus tundrius	Yes	no photo
040195	<a href="#">Neotropic Cormorant</a>	Neotropic Cormorant	Phalacrocorax brasilianus	Yes	
040905	<a href="#">Broad-billed Hummingbird</a>	Broad-billed Hummingbird	Cynanthus latirostris	Yes	
040925	<a href="#">Costa's Hummingbird</a>	Costa's Hummingbird	Calypte costae	Yes	
040950	<a href="#">Violet-crowned Hummingbird</a>	Violet-crowned Hummingbird	Amazilia violiceps	Yes	
042190	<a href="#">Bell's Vireo</a>	Bell's Vireo	Vireo bellii		
042200	<a href="#">Gray Vireo</a>	Gray Vireo	Vireo vicinior	Yes	
041785	<a href="#">Baird's Sparrow</a>	Baird's Sparrow	Ammodramus bairdii	Yes	
040125	<a href="#">Varied Bunting</a>	Varied Bunting	Passerina versicolor		
060370	<a href="#">Dona Ana Talussnail</a>	Dona Ana Talussnail	Sonorella todsoni	Yes	no photo



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### Report County + Status Species List for Dona Ana + BLM Sensitive: NM State Office (NMSO)

33 species returned.

Taxonomic Group	# Species	Taxonomic Group	# Species
Fish	2	Molluscs	1
Reptiles	1	Crustaceans	1
Birds	14	Coleoptera; beetles	1
Mammals	12	Myriapoda; centipedes, millipedes, etc.	1

[Export to Excel](#)

Species ID	SpeciesLink	Common Name	Scientific Name	Habitat Map	Photo
050025	<a href="#">Pale Townsend's Big-eared Bat</a>	Pale Townsend's Big-eared Bat	Corynorhinus townsendii	Yes	
050032	<a href="#">Arizona Myotis</a>	Arizona Myotis	Myotis occultus	Yes	no photo
050047	<a href="#">Fringed Myotis</a>	Fringed Myotis	Myotis thysanodes	Yes	no photo
050059	<a href="#">Long-legged Myotis</a>	Long-legged Myotis	Myotis volans	Yes	
050085	<a href="#">Western Red Bat</a>	Western Red Bat	Lasiurus blossevillii	Yes	no photo
050093	<a href="#">Western Small-footed Myotis</a>	Western Small-footed Myotis	Myotis ciliolabrum	Yes	
050095	<a href="#">Spotted Bat</a>	Spotted Bat	Euderma maculatum	Yes	
050103	<a href="#">Yuma Myotis</a>	Yuma Myotis	Myotis yumanensis	Yes	
050037	<a href="#">Big Free-tailed Bat</a>	Big Free-tailed Bat	Nyctinomops macrotis	Yes	no photo
050146	<a href="#">Organ Mtns. Colorado Chipmunk</a>	Organ Mtns. Colorado Chipmunk	Tamias quadrivittatus australis	Yes	
050270	<a href="#">Desert Pocket Gopher</a>	Desert Pocket Gopher	Geomys arenarius arenarius		no photo
050496	<a href="#">Pecos River Muskrat</a>	Pecos River Muskrat	Ondatra zibethicus ripensis	Yes	no photo
040970	<a href="#">White-faced Ibis</a>	White-faced Ibis	Plegadis chihi	Yes	
040370	<a href="#">Bald Eagle</a>	Bald Eagle	Haliaeetus leucocephalus	Yes	
040610	<a href="#">Northern Goshawk</a>	Northern Goshawk	Accipiter gentilis		no photo
040805	<a href="#">Ferruginous Hawk</a>	Ferruginous Hawk	Buteo regalis	Yes	
042050	<a href="#">Black Tern</a>	Black Tern	Chlidonias niger		
041320	<a href="#">Burrowing Owl</a>	Burrowing Owl	Athene cunicularia	Yes	



041750	<b>Loggerhead Shrike</b>	Loggerhead Shrike	Lanius ludovicianus		
042190	<b>Bell's Vireo</b>	Bell's Vireo	Vireo bellii		
041005	<b>Pinyon Jay</b>	Pinyon Jay	Gymnorhinus cyanocephalus	Yes	
042075	<b>Bendire's Thrasher</b>	Bendire's Thrasher	Toxostoma bendirei	Yes	no photo
041475	<b>Sprague's Pipit</b>	Sprague's Pipit	Anthus spragueii	Yes	no photo
041785	<b>Baird's Sparrow</b>	Baird's Sparrow	Ammodramus bairdii	Yes	
041845	<b>Grasshopper Sparrow</b>	Grasshopper Sparrow	Ammodramus savannarum perpallidus	Yes	no photo
040115	<b>Painted Bunting</b>	Painted Bunting	Passerina ciris	Yes	no photo
030070	<b>Texas Horned Lizard</b>	Texas Horned Lizard	Phrynosoma cornutum	Yes	
010150	<b>Speckled Chub</b>	Speckled Chub	Macrhybopsis aestivalis	Yes	
010060	<b>Smallmouth Buffalo</b>	Smallmouth Buffalo	Ictiobus bubalus	Yes	
060370	<b>Dona Ana Talussnail</b>	Dona Ana Talussnail	Sonorella todseni	Yes	no photo
070060	<b>Moore's Fairy Shrimp</b>	Moore's Fairy Shrimp	Streptocephalus moorei	Yes	no photo
196870	<b>Anthony Blister Beetle</b>	Anthony Blister Beetle	Lytta mirifica	Yes	no photo
350010	<b>Slate Millipede</b>	Slate Millipede	Comanchelus chihuanus	Yes	

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### Report County + Status Species List for Dona Ana + State NM: Endangered

6 species returned.

Taxonomic Group # Species

Birds 6

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Species ID	SpeciesLink	Common Name	Scientific Name	Habitat Map	Photo
041400	<a href="#">Brown Pelican</a>	Brown Pelican	<i>Pelecanus occidentalis</i>	Yes	
040380	<a href="#">Aplomado Falcon</a>	Aplomado Falcon	<i>Falco femoralis</i>	Yes	
042070	<a href="#">Least Tern</a>	Least Tern	<i>Sternula antillarum</i>	Yes	
040690	<a href="#">Common Ground-dove</a>	Common Ground-dove	<i>Columbina passerina</i>	Yes	
041235	<a href="#">Buff-collared Nightjar</a>	Buff-collared Nightjar	<i>Antrostomus ridgwayi</i>	Yes	no photo
040521	<a href="#">Southwestern Willow Flycatcher</a>	Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	Yes	

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### Report County + Status Species List for Dona Ana + State NM: Endangered

6 species returned.

Taxonomic Group # Species

Birds 6

[Export to Excel](#)

Species ID	SpeciesLink	Common Name	Scientific Name	Habitat Map	Photo
041400	<a href="#">Brown Pelican</a>	Brown Pelican	<i>Pelecanus occidentalis</i>	Yes	
040380	<a href="#">Aplomado Falcon</a>	Aplomado Falcon	<i>Falco femoralis</i>	Yes	
042070	<a href="#">Least Tern</a>	Least Tern	<i>Sternula antillarum</i>	Yes	
040690	<a href="#">Common Ground-dove</a>	Common Ground-dove	<i>Columbina passerina</i>	Yes	
041235	<a href="#">Buff-collared Nightjar</a>	Buff-collared Nightjar	<i>Antrostomus ridgwayi</i>	Yes	no photo
040521	<a href="#">Southwestern Willow Flycatcher</a>	Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	Yes	

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## Report County + Status Species List for Dona Ana + Federal: Threatened

**2 species returned.**  
**Taxonomic Group # Species**  
Birds 2

[Export to Excel](#)

Species ID	SpeciesLink	Common Name	Scientific Name	Habitat Map	Photo
040250	<a href="#">Yellow-billed Cuckoo (western pop)</a>	Yellow-billed Cuckoo (western pop)	Coccyzus americanus occidentalis		
041375	<a href="#">Mexican Spotted Owl</a>	Mexican Spotted Owl	Strix occidentalis lucida	Yes	

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## NEW MEXICO STATE ENDANGERED PLANT SPECIES (19.21.2.8 NMAC)

Detailed information and images of many of these and other rare plants can be found at the New Mexico Rare Plants website (<http://nmrareplants.unm.edu/index.html>) (plants marked with an \* are not listed on the NMRPTC website)

<b>Botanical Name</b>	<b>Common Name</b>	<b>New Mexico Counties</b>
<i>Aliciella formosa</i>	Aztec gilia	San Juan
<i>Allium gooddingii</i> *	Goodding's onion	San Juan, McKinley, Catron, Lincoln, Santa Fe
<i>Amsonia tharpii</i>	Tharp's bluestar	Eddy
<i>Argemone pleiacantha subsp. pinnatisecta</i> ( <i>A. pinnatisecta</i> )	Sacramento prickly poppy	Otero
<i>Astragalus humillimus</i>	Mancos milkvetch	San Juan
<i>Cirsium vinaceum</i>	Sacramento Mountains thistle	Otero
<i>Cirsium wrightii</i>	Wright's marsh thistle	Chaves, Grant, Guadalupe, Otero, Sierra, Socorro
<i>Cleome multicaulis</i> ( <i>Peritoma multicaulis</i> )	slender spiderflower	Grant, Hidalgo
<i>Coryphantha scheeri</i> var. <i>scheeri</i>	Scheer's pincushion cactus	Chavez, Eddy
<i>Cylindropuntia viridiflora</i>	Santa Fe cholla	Santa Fe
<i>Cypripedium parviflorum</i> var. <i>pubescens</i> *	golden lady's slipper	San Juan, Grant, San Miguel
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>	Kuenzler's hedgehog cactus	Chavez, Eddy, Lincoln, Otero
<i>Erigeron hessii</i>	Hess' fleabane	Catron
<i>Erigeron rhizomatus</i>	Zuni fleabane	Catron, McKinley, San Juan
<i>Eriogonum gypsophilum</i>	gypsum wild buckwheat	Eddy
<i>Escobaria duncanii</i>	Duncan's pincushion cactus	Sierra
<i>Escobaria organensis</i>	Organ Mountain pincushion cactus	Doña Ana
<i>Escobaria sneedii</i> var. <i>leei</i>	Lee's pincushion cactus	Eddy

<i>Escobaria sneedii</i> var. <i>sneedii</i>	Sneed's pincushion cactus	Doña Ana
<i>Escobaria villardii</i>	Villard's pincushion cactus	Doña Ana, Otero
<i>Hedeoma todsenii</i>	Todsen's pennyroyal	Otero, Sierra
<i>Helianthus paradoxus</i>	Pecos sunflower	Cibola, Valencia, Socorro, Guadalupe, Chavez
<i>Hexalectris nitida</i>	shining coralroot	Eddy, Otero
<i>Hexalectris spicata</i> *	crested coralroot	Sierra, Otero, Hidalgo
<i>Ipomopsis sancti-spiritus</i>	Holy Ghost ipomopsis	San Miguel
<i>Lepidospartum burgessii</i>	gypsum scalebroom	Otero
<i>Lilium philadelphicum</i> *	wood lily	Otero, Los Alamos, Sandoval, San Miguel, Santa Fe
<i>Mammillaria wrightii</i> var. <i>wilcoxii</i> *	Wilcox pincushion cactus	Hidalgo, Grant, Doña Ana, Luna
<i>Opuntia arenaria</i>	sand prickly pear	Doña Ana, Luna, Socorro
<i>Pediocactus knowltonii</i>	Knowlton's cactus	San Juan
<i>Pediomelum pentaphyllum</i>	Chihuahua scurfpea	Hidalgo
<i>Peniocereus greggii</i>	night-blooming cereus	Doña Ana, Grant, Hidalgo, Luna
<i>Polygala rimulicola</i> var. <i>mescalerorum</i>	San Andres milkwort	Doña Ana
<i>Puccinellia parishii</i>	Parish's alkali grass	Catron, Cibola, Grant, Hidalgo, McKinley, Sandoval, San Juan
<i>Sclerocactus cloveriae</i> subsp. <i>brackii</i>	Brack's cactus	San Juan, Rio Arriba, Sandoval
<i>Sclerocactus mesae-verdae</i>	Mesa Verde cactus	San Juan
<i>Spiranthes magnicamporum</i> *	lady tresses orchid	Bernalillo, Santa Fe, Guadalupe, Rio Arriba



# **APPENDIX C**

## **NRCS Web Soil Survey**



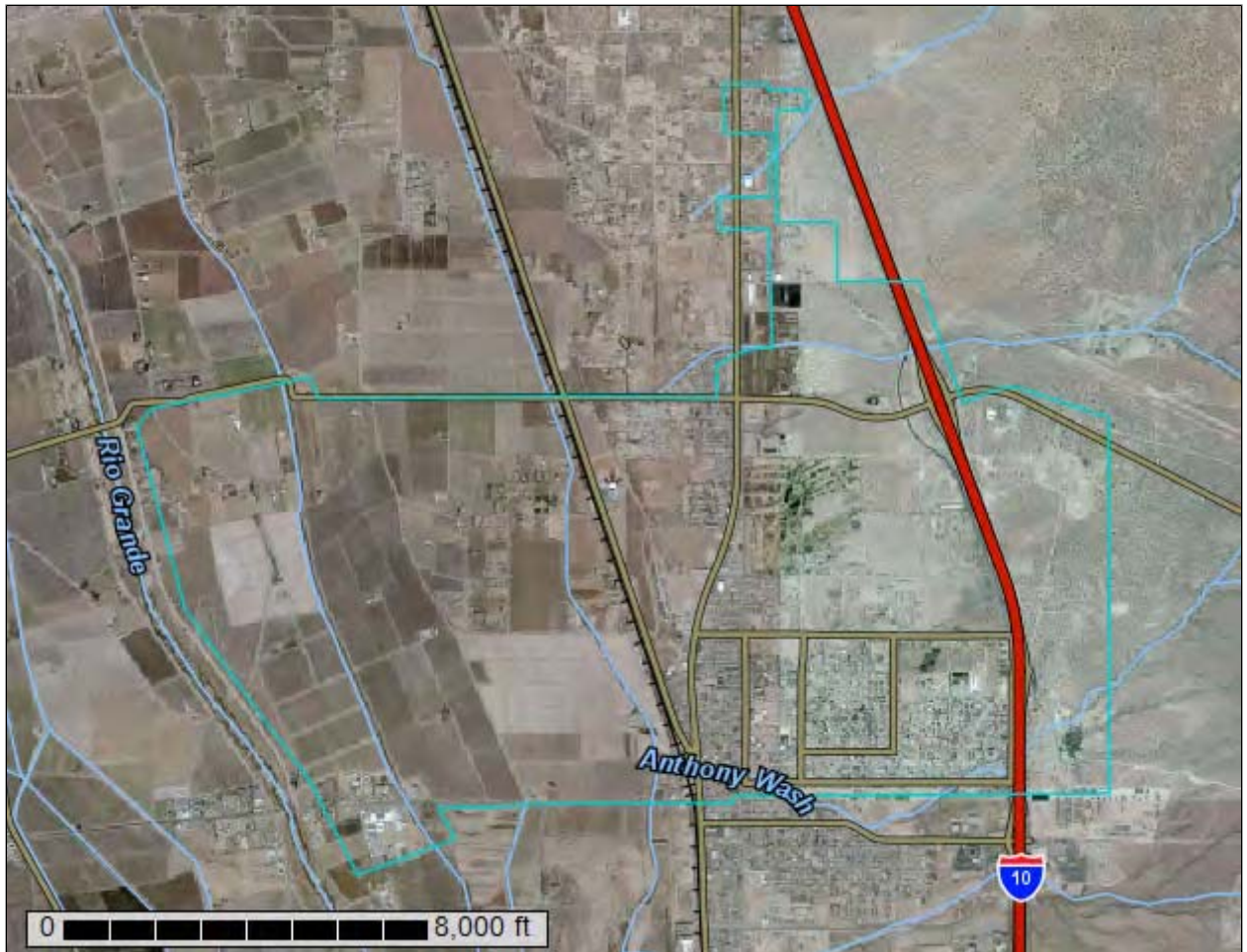
United States  
Department of  
Agriculture

**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for Dona Ana County Area, New Mexico, and El Paso County, Texas (Main Part)





# Preface

---

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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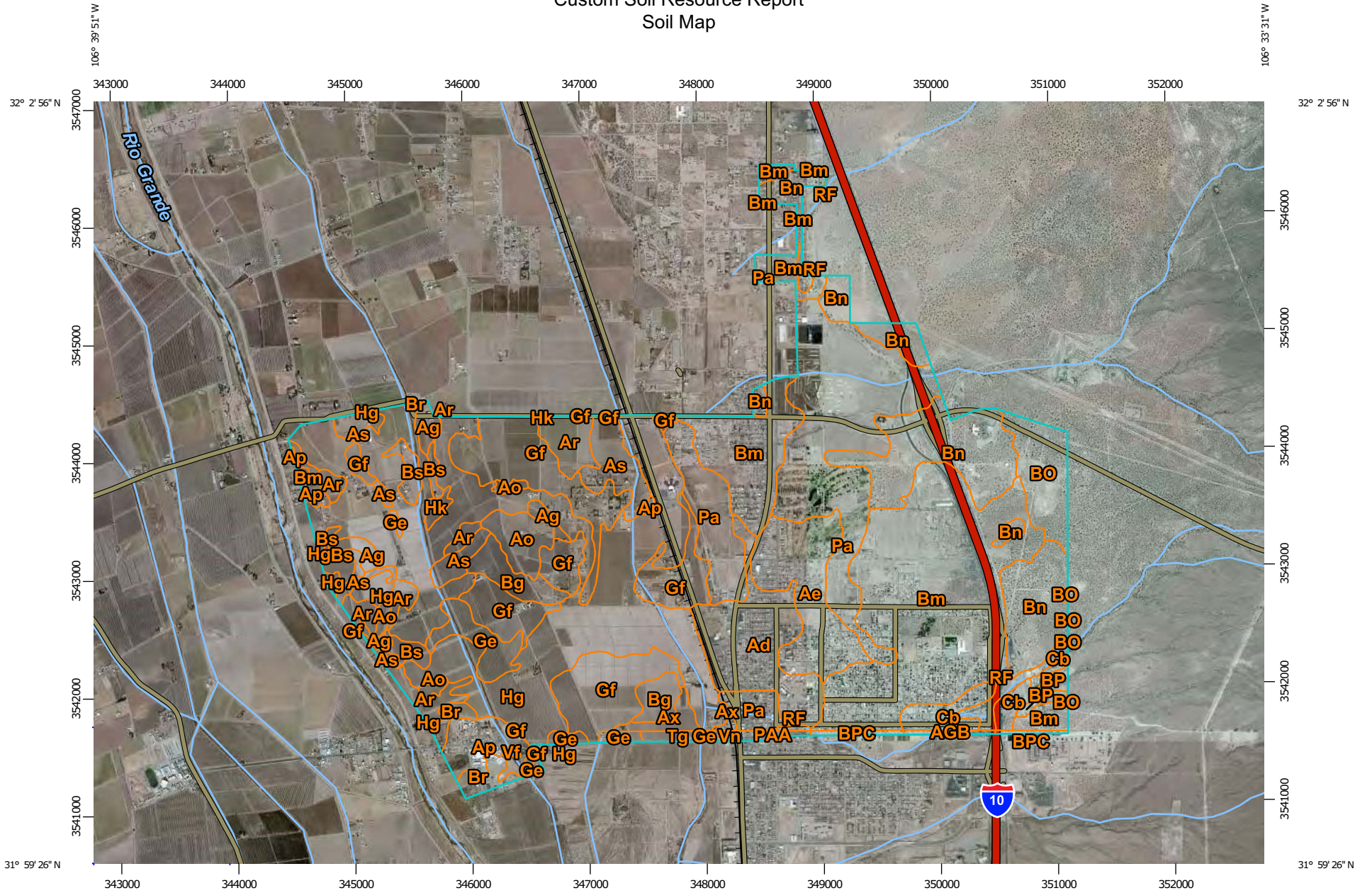


# Soil Map

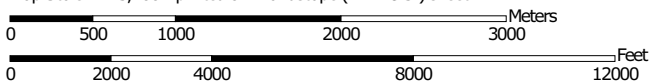
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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

# Custom Soil Resource Report Soil Map



Map Scale: 1:45,700 if printed on A landscape (11" x 8.5") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 13N WGS84




### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)




















**Soils**







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

**Special Point Features**






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at scales ranging from 1:24,000 to 1:31,700.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dona Ana County Area, New Mexico  
 Survey Area Data: Version 12, Sep 26, 2014

Soil Survey Area: El Paso County, Texas (Main Part)  
 Survey Area Data: Version 10, Sep 30, 2014

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 13, 2011—Sep 3, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Dona Ana County Area, New Mexico (NM690)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ad	Adelino sandy clay loam	200.0	4.3%
Ae	Adelino clay loam	184.9	4.0%
Ag	Agua silt loam, 0 to 2 percent slopes MLRA 42.2	58.3	1.3%
Ao	Anapra clay loam	72.1	1.6%
Ap	Anthony-Vinton fine sandy loams	87.6	1.9%
Ar	Anthony-Vinton loams, 0 to 1 percent slopes MLRA 42.2	127.2	2.7%
As	Anthony-Vinton clay loams	124.7	2.7%
Ax	Armijo clay	27.2	0.6%
Bg	Belen clay	79.2	1.7%
Bm	Bluepoint loamy sand, 0 to 5 percent slopes MLRA 42	841.1	18.1%
Bn	Bluepoint loamy sand, 5 to 15 percent slopes MLRA 42	416.6	9.0%
BO	Bluepoint loamy sand, 1 to 15 percent slopes MLRA 42	102.2	2.2%
BP	Bluepoint-Caliza-Yturbide complex	14.2	0.3%
Br	Brazito loamy fine sand, 0 to 1 percent slopes MLRA 42.2	39.4	0.8%
Bs	Brazito very fine sandy loam, thick surface	50.8	1.1%
Cb	Canutio and Arizo gravelly sandy loams MLRA 42	78.2	1.7%
Ge	Glendale loam	68.4	1.5%
Gf	Glendale clay loam, 0 to 1 percent slopes MLRA 42.2	461.4	9.9%
Hg	Harkey loam	931.0	20.0%
Hk	Harkey clay loam	10.8	0.2%
Pa	Pajarito fine sandy loam	581.9	12.5%
RF	Riverwash-Arizo complex	37.3	0.8%
Vf	Vinton variant fine sandy loam	3.1	0.1%
<b>Subtotals for Soil Survey Area</b>		<b>4,597.6</b>	<b>98.8%</b>
<b>Totals for Area of Interest</b>		<b>4,652.0</b>	<b>100.0%</b>

El Paso County, Texas (Main Part) (TX624)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AGB	Agustin association, undulating	6.9	0.1%



## Custom Soil Resource Report

El Paso County, Texas (Main Part) (TX624)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BPC	Bluepoint association, rolling	12.0	0.3%
Ge	Glendale silty clay loam	9.0	0.2%
PAA	Pajarito association, level	9.6	0.2%
Tg	Tigua silty clay	13.2	0.3%
Vn	Vinton fine sandy loam	3.6	0.1%
<b>Subtotals for Soil Survey Area</b>		<b>54.4</b>	<b>1.2%</b>
<b>Totals for Area of Interest</b>		<b>4,652.0</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

## Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.



# **APPENDIX D**

## **1998 Shomaker Well 3-6 Report**

file

**JOHN SHOMAKER & ASSOCIATES, INC.**  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS

2703 BROADBENT PARKWAY NE, SUITE D  
ALBUQUERQUE, NEW MEXICO 87107  
(505) 345-3407, FAX (505) 345-9920

December 10, 1998

Mr. Richard Aguilar  
Molzen-Corbin Engineering  
880 S. Telshor Blvd., Suite 200  
Las Cruces, New Mexico 88011

Re: well completion recommendations, Anthony Well No. 3

Dear Richard:

The pilot hole for Anthony Well No. 3 was drilled to a total depth of 1,011 ft, and geophysical logs were obtained on November 23, 1998. Stratigraphy at Well No. 3 correlates fairly well with that of Anthony Well No. 6, and the results of our interpretations are understandably similar.

From near ground surface to about 480 ft, the pilot hole consists of fine- to medium-grained silty sand with clayey silty lenses. Below 480 ft to 880 ft, the section is composed primarily of silty clay, tan to gray in color with notable presence of evaporite minerals. From 880 ft to total depth, the pilot hole penetrated limestone and limey shale beds.

Water samples were collected from 4 zones in the pilot hole by completing temporary wells with the drill pipe and air-lift pumping water from the zones until produced water was fairly clean and specific conductance had stabilized. Water samples were submitted to New Mexico State University SWAT lab for analyses. The analyses are intended to screen for parameters known to be problematic in the area. Results of water-quality analysis are presented in the following table.

**Table 1. Results for Well No. 3 zone samples and US EPA drinking-water standards**

parameter	zone 1 (920-940)	zone 2 (450-470)	zone 3 (330-350)	zone 4 (230-250)	US EPA drinking water standards, mcl
Fe, mg/l	0.66	0.44	0.66	0.49	0.3 <sup>a</sup>
Mn, mg/l	0.03	0.04	0.03	0.02	0.05 <sup>a</sup>
Cl, mg/l	247.9	229	305	309.5	250 <sup>a</sup>
F, mg/l	1.89	0.75	0.63	0.91	2 <sup>a</sup>
cond., µmhos/cm	1,580	1,400	1,830	1,940	none
TDS, mg/l	1,032	786	1,145	1,114	500 <sup>a,b</sup>
As, µg/l	7.7	7.8	11.0	15.1	50

<sup>a</sup> aesthetic standard

<sup>b</sup> 1,000 mg/l New Mexico standard

µg/l micrograms per liter

µmhos/cm micromhos per centimeter

mg/l milligrams per liter

mcl maximum contaminant level



Water-Quality Anthony Well No. 3

It is surprising that the water quality in zone 1 is as good as it appears from the analytical results, having fairly low total dissolved solids (TDS) and arsenic. It is good to know what the general water quality in the limestone is, but no completion there is recommended. Zones 2, 3, and 4 are from the upper sand section and appear to contain fairly good quality water. Iron is slightly above the standard, and chloride and TDS are above the aesthetic standard, but otherwise, the water meets standards for the constituents listed.

We recommend that Anthony Well No. 3 be completed similarly to the completion of Anthony Well No. 6 with a continuous screened interval spanning from 280 ft to 480 ft and a 20-ft blank sump from 480 to 500 ft. Produced water should be similar to that collected from zones 2 and 3, see Table 1.

Based on review of sieve-analysis results of the cutting samples, an 8-16 gradation gravel pack and a 0.050-in. slot opening should provide sand-free production without sacrificing well efficiency. The 14-in. diameter blank casing, specified as ASTM A53 and 3/8-in. wall thickness, is adequate although it is susceptible to accelerated corrosion due to galvanic potential between mild steel and stainless steel.

The contractor should address the rod area and wire altitude of the 14-in. diameter type 304 stainless steel wire-wound screen. Rod and wire configurations determine column and collapse strength; calculations supporting the screen manufacturer's recommendations should be provided. A diagram showing recommended material settings is attached.

If you have any questions or wish to discuss the project, please let me know.

Sincerely,

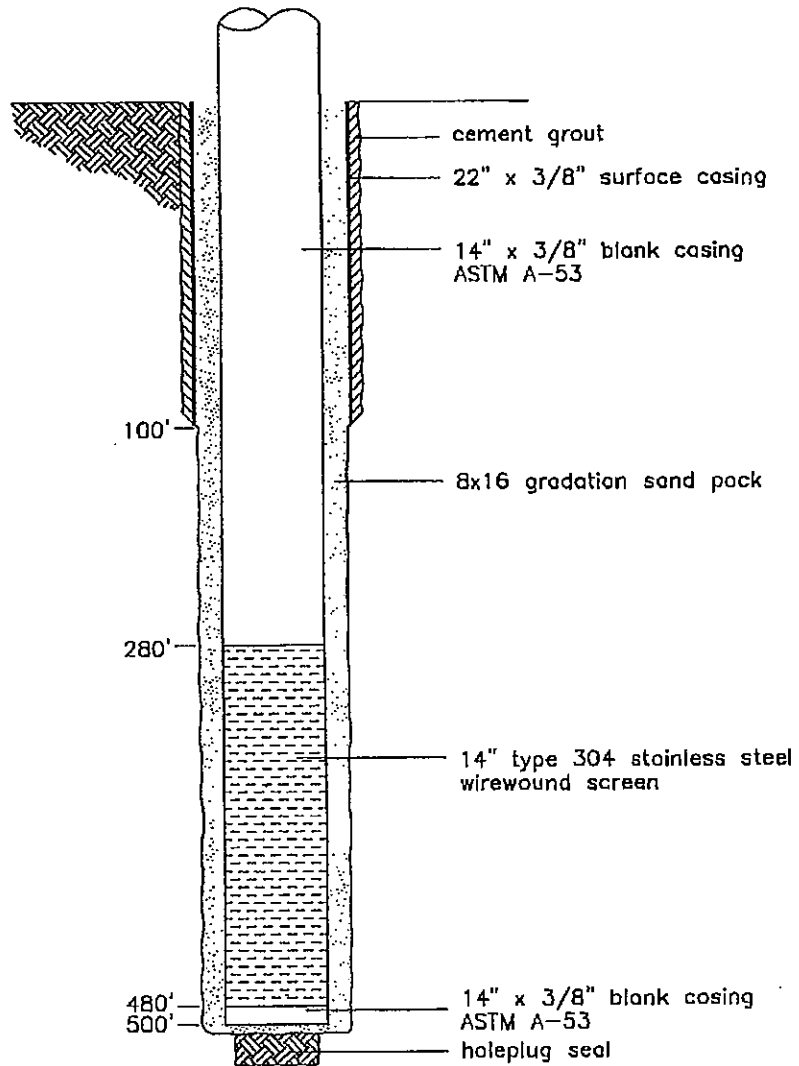
JOHN SHOMAKER & ASSOCIATES, INC.



Jeffrey B. Watson, CPG

encl.

JBW:jw



not to scale

Diagram showing recommended completion, Anthony Well No. 3.



JOHN SHOMAKER & ASSOCIATES, INC.  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS

2703 BROADBENT PARKWAY NE, SUITE D  
ALBUQUERQUE, NEW MEXICO 87107  
(505) 345-3407, FAX (505) 345-9920

file  
Filed/Marked  
Jan 7 99

January 6, 1999

Mr. Richard Aguilar  
Molzen-Corbin Engineering  
880 S. Telshor Blvd., Suite 200  
Las Cruces, New Mexico 88011

Re: test pumping results and equipment rate recommendations, City of Anthony Well No. 3

Dear Richard:

Test pumping of Anthony Well No. 3 was performed December 29-31, 1998. We have analyzed the test data and our findings are summarized below. Well performance is much like that of Anthony Well No. 6; aquifer transmissivity and well efficiency are near identical. Consequently, Well No. 3 may also be equipped at 1,200 gpm.

Step Drawdown Test

The step drawdown test was performed on December 29 and involved pumping the well at four progressive flow rates for 100 minutes each. The well was pumped at rates of 740, 946, 1,117, and 1,354 gpm. Specific capacity at the end of each step ranged from 13.1 gpm/ft to 11.8 gpm/ft. Sand production during the step-drawdown test never exceeded 0.5 ppm.

Constant-Rate Test

The constant-rate test was performed December 30-31 at an average flow rate of 1,229 gpm for 24 hours. The contractor apparently had some trouble maintaining a constant flow rate. The irregularities in the drawdown curve indicate that some departure from the targeted rate of 1,230 gpm occurred. Fortunately, a good recovery curve allows comparison and confirmation of the test values used to calculate aquifer transmissivity.

Aquifer transmissivity was estimated, using the Jacob straight-line method, at about 40,000 gpd/ft. Specific capacity at the end of the test was 11.7 gpm/ft. Sand production was 3.7 ppm after 20 minutes of pumping, about 1.6 ppm after 60 minutes of pumping, and 1 ppm after 100 minutes of pumping. A water sample was collected during the test to check for the presence of bacteriological contamination. No water samples were collected for

comprehensive chemical analysis due to an understanding between the contractor and engineer that the New Mexico Environment Department would sample the well later. However, temperature and specific conductance were measured during the test at 82° F and 1490 µmhos/cm respectively.

Pumping Rate Recommendations and Projected Pumping Water Levels

Anthony Well No. 3 is capable of producing 1,200 gpm on a long-term basis. Projected pumping-water-levels were estimated by summing the present-day non-pumping water level, short-term drawdown, long-term drawdown, and an increment of water level decline caused by pumping of other wells in the basin (estimated @ 2 ft/yr). Estimates were made with the assumptions that flow rate is constant and potential boundary effects will not impair well performance as the area of the well's influence increases.

Projected pumping water level, ft below ground level, Anthony Well No. 3

flow rate, gpm	1,000 minutes	1 year	10 years	20 years
1,200	152	176	202	224

Pump Setting Depth

Based on pumping-water-level projections, a pump setting of 260 ft should provide adequate submergence for more than 20 years and enable the pump to be set above the screened interval (280-480 ft).

If you have any questions or wish to discuss the project, please let me know.

Sincerely,

JOHN SHOMAKER & ASSOCIATES, INC.

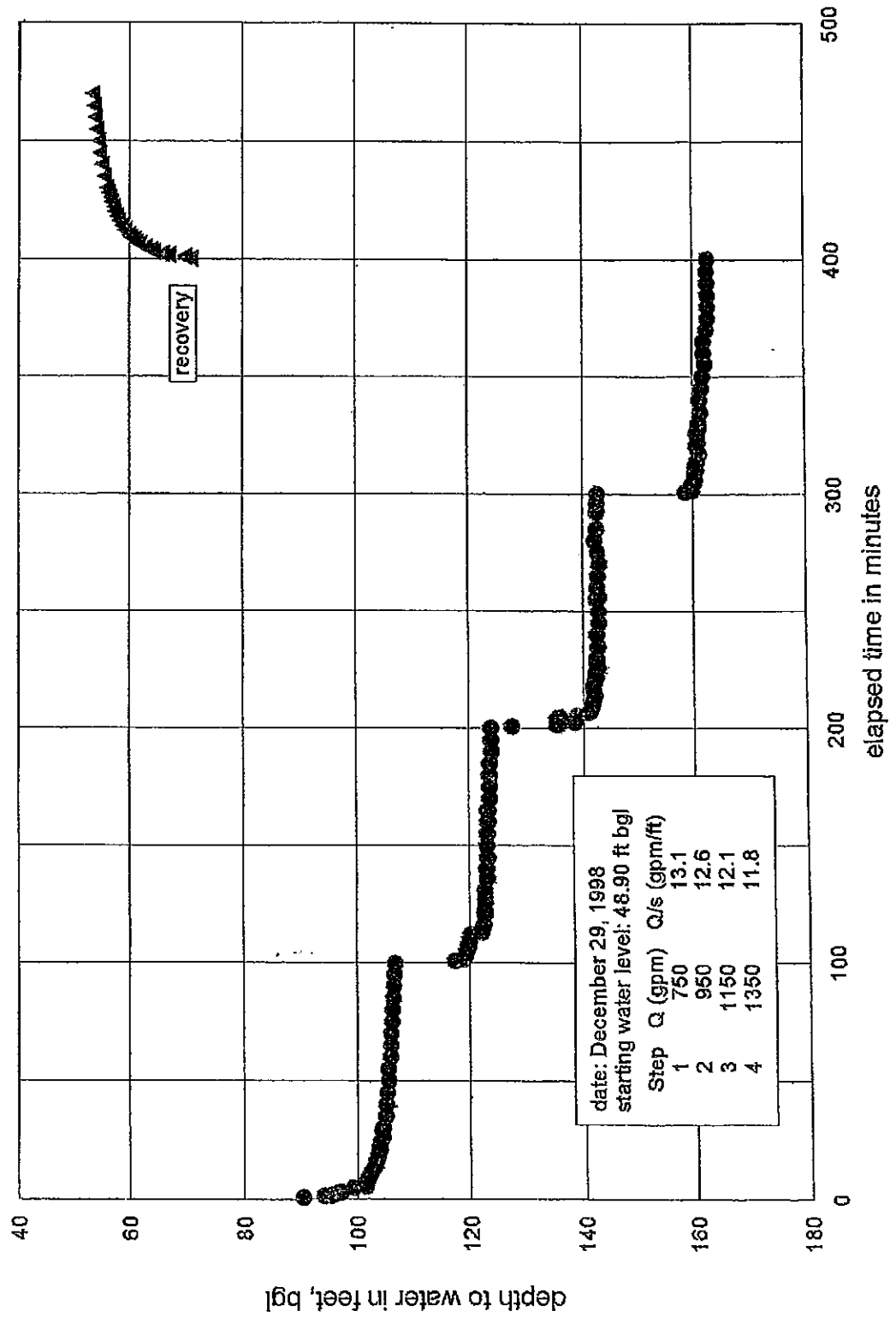
Jeffrey B. Watson, CPG

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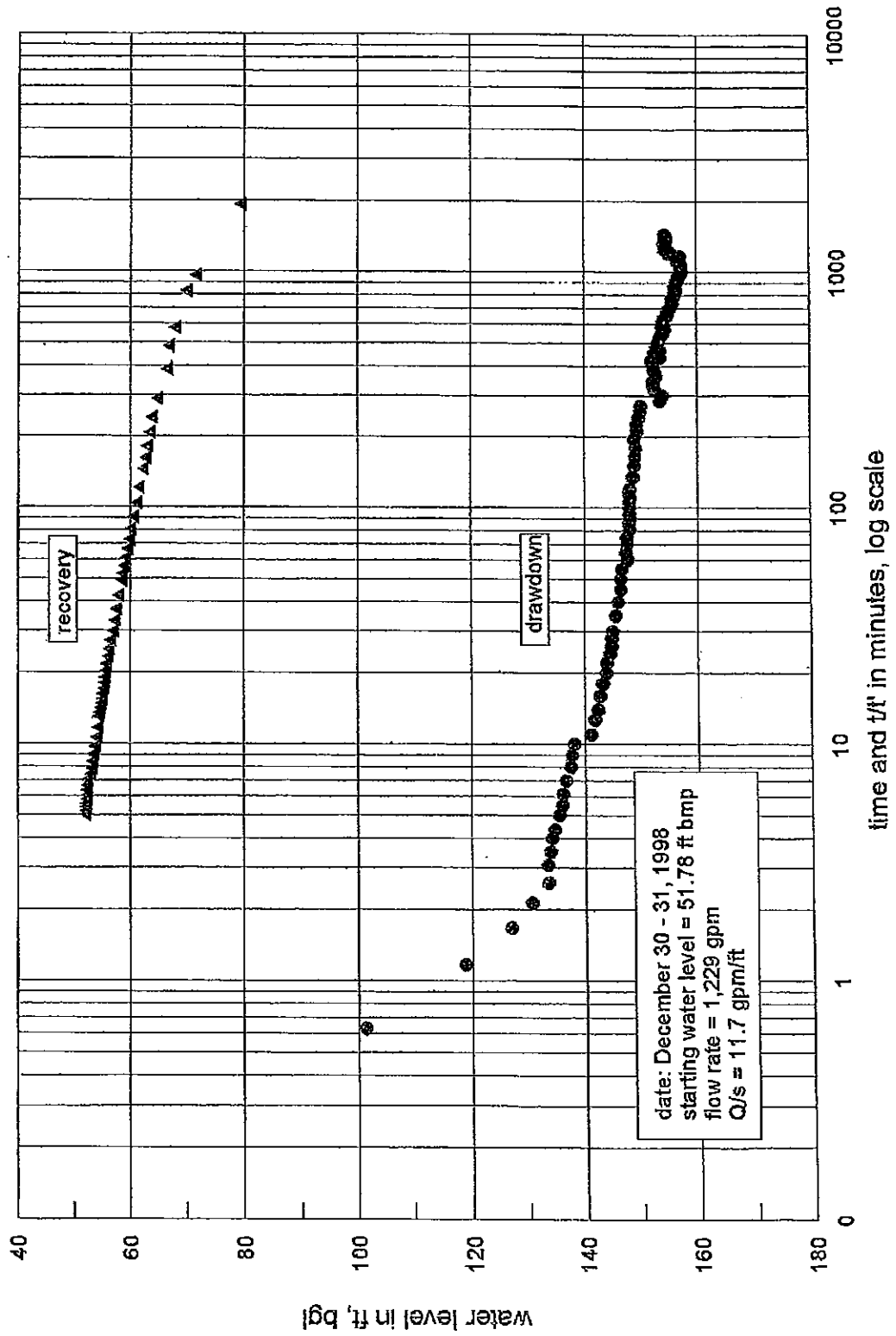
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**Anthony Water & Sanitation District  
Step-Drawdown Pumping Test  
Anthony Well #3**



Anthony Water & Sanitation District  
Constant-Rate Pumping Test  
Anthony Well #3





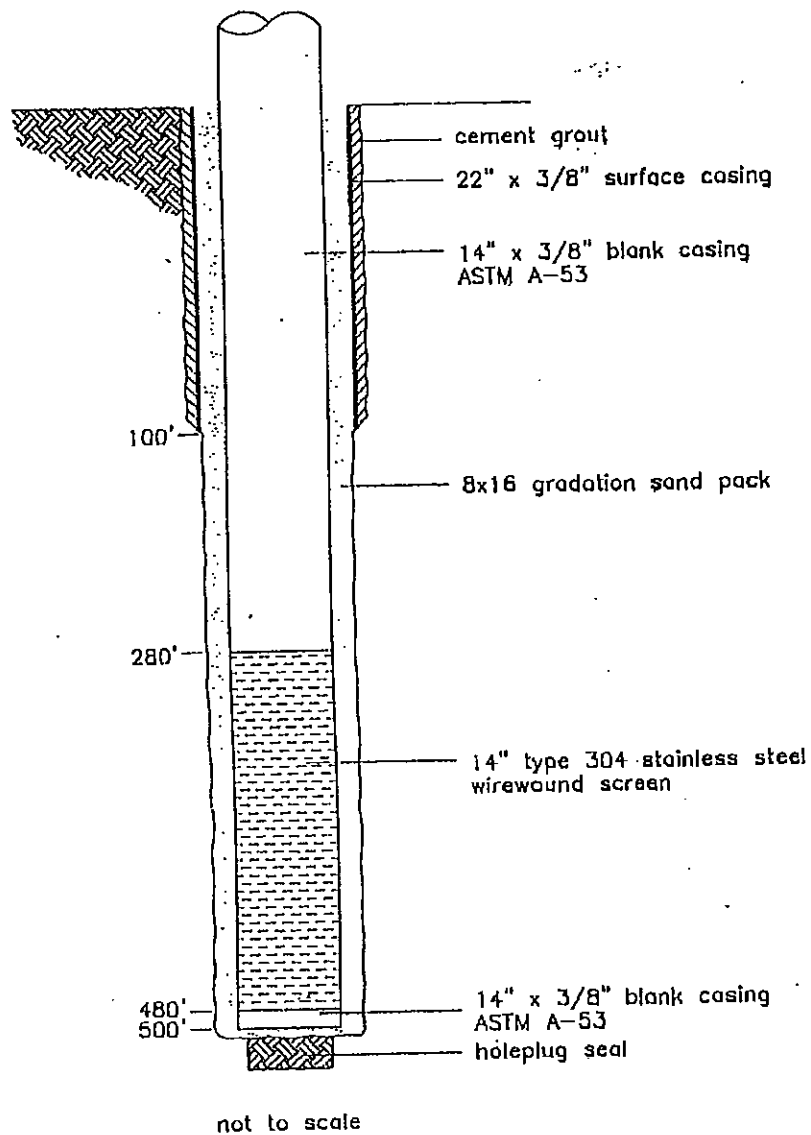


Diagram showing recommended completion, Anthony Well No. 3.

JOHN SHOMAKER & ASSOCIATES, INC.

JSAI copy

**JOHN SHOMAKER & ASSOCIATES, INC.**  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS

2703 BROADBENT PARKWAY NE, SUITE D  
ALBUQUERQUE, NEW MEXICO 87107  
(505) 345-3407, FAX (505) 345-9920

October 22, 1998

Mr. Jerry Paz  
Molzen-Corbin Engineering  
880 S. Telshor Blvd., Suite 200  
Las Cruces, New Mexico 88011

Re: well completion recommendations, Anthony Well No. 6

Dear Jerry:

As you know, the pilot hole for Anthony Well No. 6 was drilled to a total depth of 1,011 ft, and geophysical logs were obtained on October 3, 1998. The e-log and, to a lesser degree, the cuttings log, indicate the section consists of fairly distinct intervals of relatively resistive sand separated by intervals of silty clay. Intervals of overall sandy material versus more clayey material, picked from the e-log, are described in Table 1.

**Table 1. Summary interpretation of e-log and lithology log data, Anthony Well No. 6**

depth, feet	range of resistivity, ohm-meters	typical lithology	relative permeability
50 - 285	4 - 8	silty clay	poor
285 - 515	7 - 16	silty sand	moderate
515 - 682	4 - 8	silty clay	poor
682 - 750	8 - 27	sand, gravel	good
750 - 1,000	4 - 12	silty sand and clay	poor

Based on our interpretation of the e-log and sample log, and our conversations with your office, four zones were ultimately selected for water-quality sampling. Water samples were collected by completing temporary sample wells in selected zones and producing water by air-lift pumping. Water samples were successfully collected from three of the four zones and submitted for analysis. Zone 1 failed to yield a sample because of the low-permeable clay that dominates the lower part of the section. A summary of information on each zone and of field-water-quality data is provided in the Table 2.



Table 2. Summary of sample zone data, Anthony Well No. 6

zone number	depth, feet	sample integrity	field parameters		
			cond., $\mu\text{mhos/cm}$	temp., $^{\circ}\text{F}$	pH
1	902 - 912	no sample	n/a	n/a	n/a
2	715 - 725	good	2,910	84	8.85
3	464 - 474	good	1,530	80	8.46
4	322 - 332	good	1,620	76	8.3

cond. conductivity  $\mu\text{mhos/cm}$  micromhos per centimeter  
temp. temperature  $^{\circ}\text{F}$  degrees Fahrenheit

Water samples from zones 2, 3, and 4 were submitted to New Mexico State University SWAT lab for analyses. The analyses are intended to screen for parameters known to be problematic in the area. Preliminary results were obtained today and are provided below in Table 3.

Table 3. Water-quality analytical results for Anthony Well No. 6 zone samples 2, 3, and 4 and US EPA drinking-water standards

parameter	zone 2	zone 3	zone 4	US EPA drinking water standards, mcl
Fe, mg/l	3.04	2.63	1.45	0.3 <sup>a</sup>
Mn, mg/l	0.05	0.06	0.04	0.05 <sup>a</sup>
Cl, mg/l	647	209.1	223.3	250 <sup>a</sup>
F, mg/l	2.28	1.62	1.69	2 <sup>a</sup>
cond., $\mu\text{mhos/cm}$	4,000	1,590	1,660	none
TDS, mg/l	1,727	891	960	500 <sup>a, b</sup>
As, mg/l	n/d	n/d	n/d	0.050

<sup>a</sup> aesthetic standard

<sup>b</sup> 1,000 mg/l New Mexico standard

$\mu\text{mhos/cm}$  micromhos per centimeter  
mg/l milligrams per liter  
mcl maximum contaminant level

Water-Quality Distribution

The quality of ground water in the vicinity of Anthony varies greatly over relatively small areas and with depth. The shallow water is typically poor throughout the area with total dissolved solids (TDS) exceeding 1,000 mg/l. Beneath the shallow water is a zone of intermediate-quality water (500-1,000 mg/l TDS) occurring as a lens, bounded by deep faults coincident with the outer valley on the east and extending several miles to the west. Beneath and adjacent to the lens of intermediate-quality water, water quality returns to high TDS (1,000 to 3,000 mg/l). A conduit of fresh water with TDS of less than 500 mg/l appears to flow along the axis of the Rio Grande within the lens of intermediate-quality water. It probably occurs at depths of between 500 and 1,000 ft where present.

Anthony Well No. 6

We believe that Anthony Well No. 6 is located on the eastern edge of the intermediate-quality zone and that it is indicative of the water from zones 3 and 4. Below 515 ft, water quality probably degrades toward the water collected from zone 2. We recommend that Anthony Well No. 6 be completed with a continuous screened interval spanning from 300 ft to 500 ft. Produced water should be similar to that collected from zones 3 and 4, see Table 3, with TDS concentration less than 1,000 mg/l.

Based on review of sieve-analysis results of the cutting samples, an 8-16 gradation gravel pack and a 0.050-in. slot opening should provide sand-free production without sacrificing well efficiency. The 14-in. diameter blank casing, specified as ASTM A53 and 3/8-in. wall thickness, is adequate although it is susceptible to accelerated corrosion due to galvanic potential between mild steel and stainless steel.

The contractor should address the rod area and wire altitude of the 14-in. diameter type 304 stainless steel wire-wound screen. Rod and wire configurations determine column and collapse strength; calculations supporting the screen manufacturer's recommendations should be provided. A diagram showing recommended material settings is attached.

If you have any questions or wish to discuss the project, please let me know.

Sincerely,

JOHN SHOMAKER & ASSOCIATES, INC.

Jeffrey B. Watson, CPG

encl.

JBW:jw

JOHN SHOMAKER & ASSOCIATES, INC.  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS



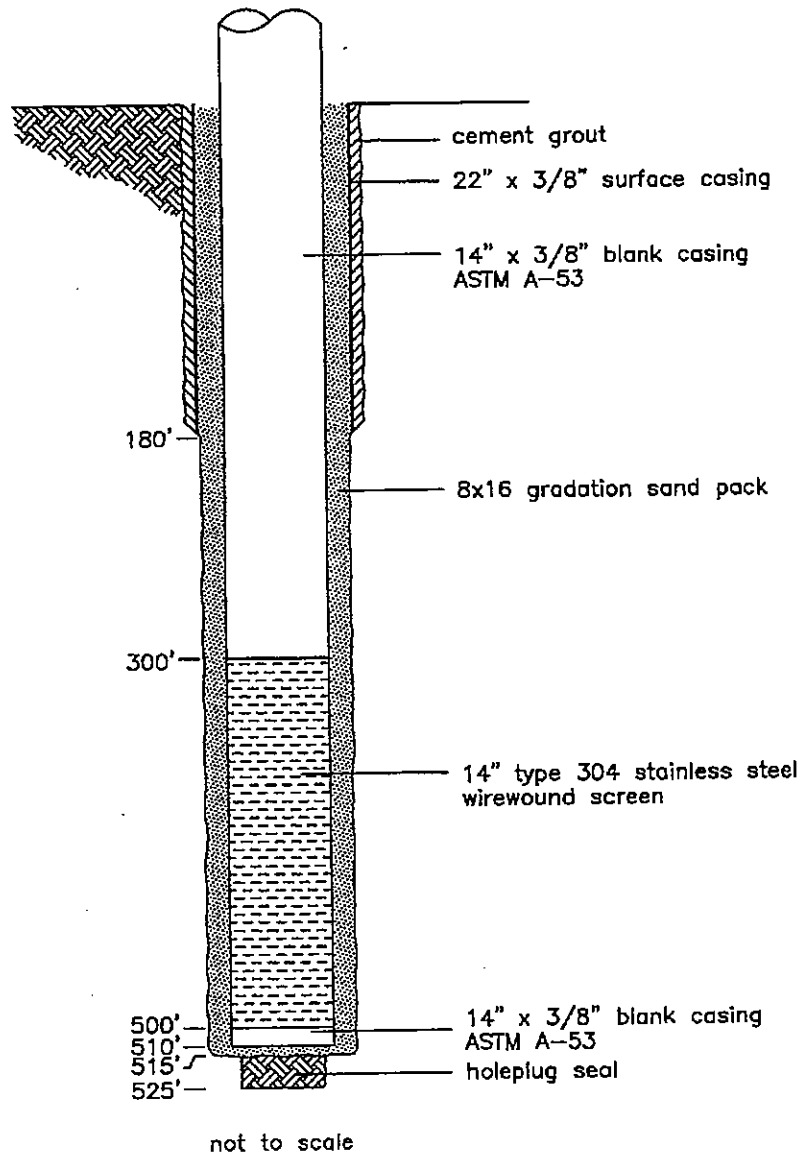


Diagram showing recommended completion, Anthony Well No. 6.

Date: 10/22/98

**ANALYTICAL REPORT**

To: Molzen Corbin & Assoc. 522-0049  
 8800 South Telshor Suite 200  
 Las Cruces, NM 88011

Purchase Order #

Below are the results for submitted sample(s). (MDL=Method detection limit)

Sample I.D. AA98016

Sample Description: Well #6 Anthony 714.5-724.5'  
 Sample collection date: 10/16/98 Sample collection time: 14:30  
 Submittal date: 10/16/98 Submittal time: 15:27  
 WSS# Request ID No. Collector: DOUG SHIELDS  
 Sample Purpose: Sampling Information:

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Iron by ICP-	EPA 200.7	3.04	mg/L	0.05	10/19/98	MBL
Manganese by ICP-	EPA 200.7	.05	mg/L	0.02	10/19/98	MBL
Chloride by Autoanalyzer	EPA 325.2	647	mg/L	5	10/21/98	BJH
Fluoride by electrode	EPA 340.2	2.28	mg/L	0.05	10/20/98	JH
Electrical Conductivity	EPA 120.1	4000	micromhos/cm	1	10/20/98	RM
Total Dissolved Solids	StdMtd 2540C	1727	mg/L	1	10/21/98	BJH
Arsenic	EPA 200.8	Less than	ug/L	0.3	10/20/98	HJP

Sample I.D. AA98017

Sample Description: AWSO Well #6 464-474'  
 Sample collection date: 10/17/98 Sample collection time: 11:10  
 Submittal date: 10/19/98 Submittal time: 08:30  
 WSS# Request ID No. Collector: DOUG SHIELDS  
 Sample Purpose: Sampling Information:

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Iron by ICP-	EPA 200.7	2.63	mg/L	0.05	10/19/98	MBL
Manganese by ICP-	EPA 200.7	.06	mg/L	0.02	10/19/98	MBL
Chloride by Autoanalyzer	EPA 325.2	209.1	mg/L	2.5	10/21/98	BJH
Fluoride by electrode	EPA 340.2	1.62	mg/L	0.05	10/20/98	JH
Electrical Conductivity	EPA 120.1	1590	micromhos/cm	1	10/20/98	RM
Total Dissolved Solids	StdMtd 2540C	891	mg/L	1	10/21/98	BJH
Arsenic	EPA 200.8	Less than	ug/L	0.3	10/20/98	HJP



Sample I.D. AA08018

Sample Description: AWSO Well #6 322-332'

Sample collection date: 10/17/98

Sample collection time: 17:10

Submittal date: 10/19/98

Submittal time: 08:30

WSS# Request ID No.

Collector: DOUG SHIELDS

Sample Purpose:

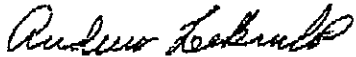
Sampling Information:

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Iron by ICP-	EPA 200.7	1.45	mg/L	0.05	10/19/98	MBL
Manganese by ICP-	EPA 200.7	.04	mg/L	0.02	10/19/98	MBL
Chloride by Autoanalyzer	EPA 325.2	223.3	mg/L	2.5	10/21/98	BJH
Fluoride by electrode	EPA 340.2	1.69	mg/L	0.05	10/20/98	JH
Electrical Conductivity	EPA 120.1	1660	micromhos/cm	1	10/20/98	RM
Total Dissolved Solids	StdMtd 2540C	960	mg/L	1	10/21/98	RJH
Arsenic	EPA 200.8	Less than	ug/L	0.3	10/20/98	HJP

Results relate only to the items tested. This report shall not be reproduced except in full, without the written approval of the laboratory. This laboratory is accredited by the American Association for Laboratory Accreditation (A2LA) and the results shown in this report have been determined in accordance with the laboratory's terms of accreditation unless stated otherwise in the report. Those tests not presently accredited are noted by a hyphen.

Please advise should you have questions concerning these data.

Respectfully submitted,



Andrew Lee Bristol

Laboratory Manager

(505)646-4422

JOHN SHOMAKER & ASSOCIATES, INC.  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS

2703 BROADBENT PARKWAY NE, SUITE D  
ALBUQUERQUE, NEW MEXICO 87107  
(505) 345-3407, FAX (505) 345-9920

**FAXED**  
DATE 10/26/98

**FAX COVER SHEET**

TO: Mr. Jerry Paz  
Molzen-Corbin

FAX NUMBER: 522-7884 local  w/in state  outside

FROM: Jeff Watson

FAX NUMBER: (505) 345-9920

NUMBER OF PAGES, INCLUDING THIS ONE: 7

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PROJECT NUMBER: \_\_\_\_\_

IF YOU DO NOT RECEIVE ALL PAGES, OR ANY ARE NOT LEGIBLE, CALL 345-3407.



JOHN SHOMAKER & ASSOCIATES, INC.  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS

2703 BROADBENT PARKWAY NE, SUITE D  
ALBUQUERQUE, NEW MEXICO 87107  
(505) 345-3407, FAX (505) 345-9920

December 1, 1998

Mr. Richard Aguilar  
Molzen-Corbin Engineering  
880 S. Telshor Blvd., Suite 200  
Las Cruces, New Mexico 88011

FAX (505) 522-7884

Re: test pumping results and equipment rate recommendations, Anthony Well No. 6

Dear Richard:

We have finished our analysis of the pumping tests of Anthony Well No. 6, and our findings are summarized below. Well No. 6 is a high-capacity well capable of producing in excess of 1,000 gpm and appears very efficient. The pumping tests consisted of a step-drawdown test and a 24-hour constant-rate test, each of which is discussed separately. Plots of the test data are attached.

Step Drawdown Test

The step drawdown test involved pumping the well at four progressive flow rates for 100 minutes each. The well was pumped at rates of 750; 950; 1,150; and 1,400 gpm. Specific capacity at the end of each step was over 13 gpm/ft. Sand production during the step-drawdown test was negligible (less than 1/4 ppm).

Step-drawdown data were used to estimate well efficiency by the Bierschenk method. The Bierschenk method allows the drawdown components of aquifer loss (head loss in the aquifer) and well loss (head loss due to turbulent flow in and near the well) to be separated. Well efficiency is calculated as the ratio of aquifer loss to total drawdown. The following table lists estimated well efficiency for each flow rate. A graphical presentation of the Bierschenk method is attached.

Estimated well efficiency, Anthony Well No. 6

flow rate, gpm	well loss, ft	aquifer loss, ft	total drawdown, ft	well efficiency, percent
750	1.82	53.59	55.39	97
950	3.09	67.86	70.95	96
1,150	3.90	82.14	86.04	95
1,400	6.64	100.00	106.64	94

gpm gallons per minute

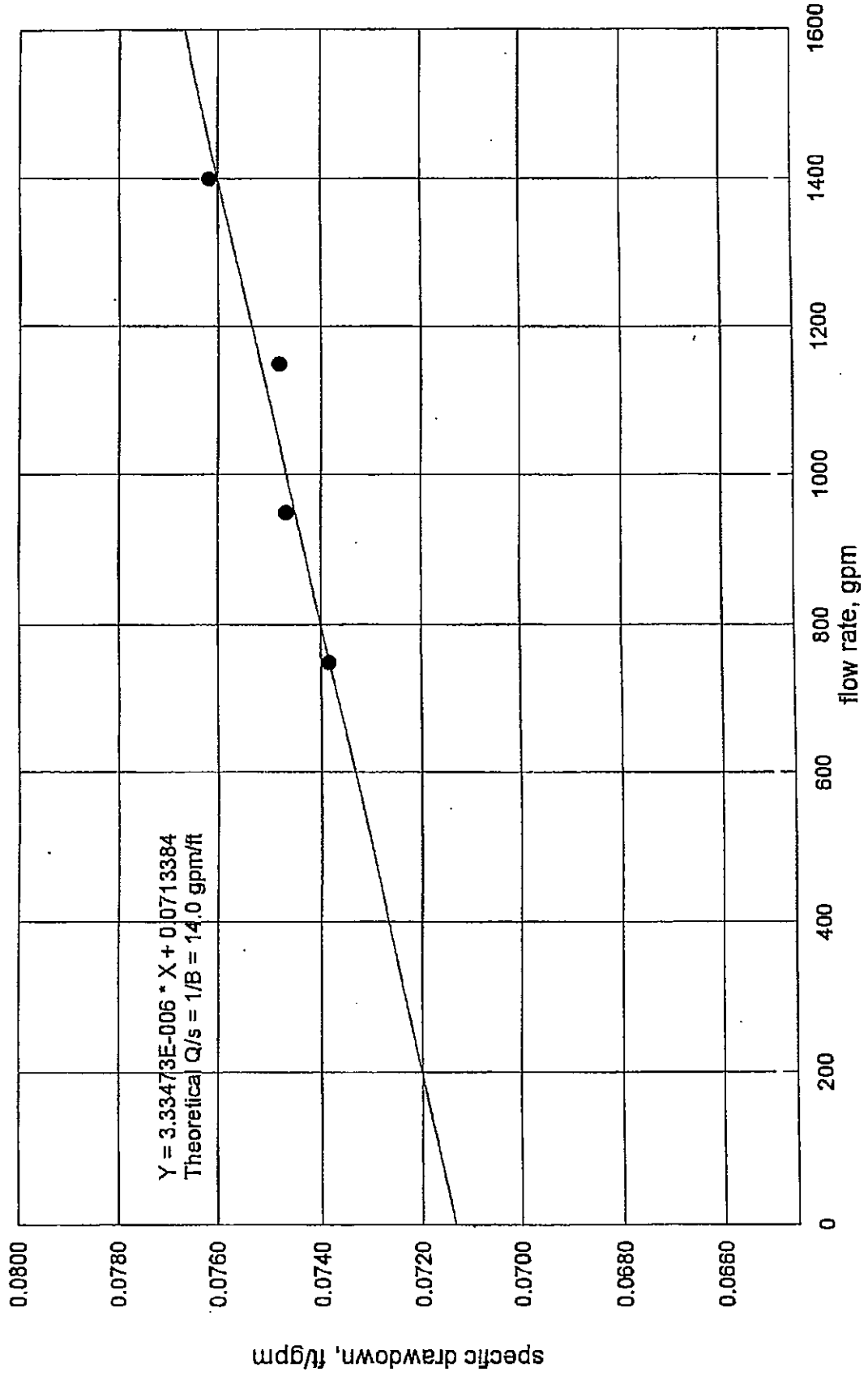
ft feet





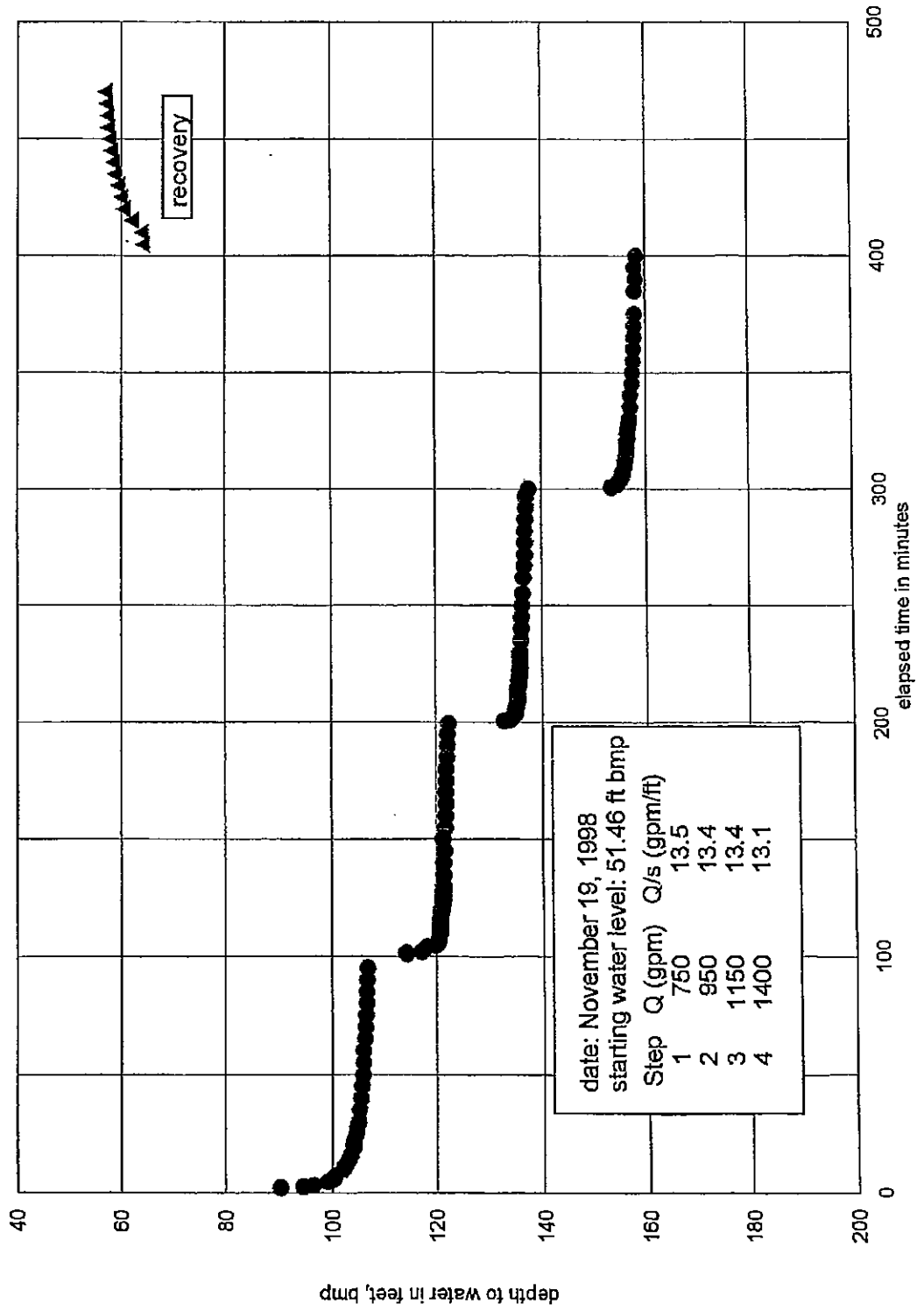


# Anthony Well No. 6, Bierschenk Plot





Anthony Water & Sanitation District: Anthony Well No. 6  
 Step-Drawdown Test



JOHN SHOMAKER & ASSOCIATES, INC.  
WATER-RESOURCE AND ENVIRONMENTAL CONSULTANTS

2703 BROADBENT PARKWAY NE, SUITE D  
ALBUQUERQUE, NEW MEXICO 87107  
(505) 345-3407, FAX (505) 345-9920

DATE 12/2/98

**FAX COVER SHEET**

TO: Mr. Richard Aguilar  
Molzen-Corbin

FAX NUMBER: 522-7884 local  with State  outside

FROM: Jeff Watson

FAX NUMBER: (505) 345-9920

NUMBER OF PAGES, INCLUDING THIS ONE: 6

MESSAGE: Original will follow  
by mail

PROJECT NUMBER:

IF YOU DO NOT RECEIVE ALL PAGES, OR ANY ARE NOT LEGIBLE, CALL 345-3407.



# **APPENDIX E**

## **Well Production Logs**

**ANTHONY WATER & SANITATION DISTRICT**  
**P.O. BOX 1751**  
**ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: May 28, 2015 (28th of each month)

1. James Wellsite (#1 POD 14) 163256000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 001027000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 107065000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000724000
  
4. Van Buren Wellsite (#4 POD 13) 074047000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 72013867(distribution)installed 2-18-15  
New meter serial # 70272418 (discharge) 001571000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000932000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production



**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: May 28, 2015

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14)	Present: <u>May</u>	<u>163256000</u>
James Wellsite #1 Livesay & Charles St.	Previous: <u>April</u>	<u>163256000</u> 0 gals 0 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>	Present: _____	_____
Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Previous: _____ (Out of service)	_____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u>	Present: <u>May</u>	<u>107065000</u>
McKinley Wellsite #3 132 Saint Anthony St	Previous: <u>April</u>	<u>094835000</u> 12,230,000 gals 37.5 acft

Date: May 28, 2015

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>May</u>  Previous: <u>April</u> BACK ON AUGUST 9 2013	<u>074047000</u>  <u>049197000</u> 24,850,000 gals 76.3 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>May</u>  Previous: <u>April</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>May</u> Previous: <u>April</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 37,080,000 Gallons**  
**Total acre Feet: 113.8**  
**Total gals. to date: 148,613,000**  
**Total acre feet to date: 456.2**



# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month May 2015    Year 2015

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:26	Randy	1119756	
2	9:00	Randy	1120399	
3	8:15	Randy	1120909	
4	8:30	Randy	1121476	.613
5	8:19	Randy	1122089	.599
6	8:20	Randy	1122689	.653
7	8:11	Randy	112334	
8	8:15	Randy	1123962	
9	8:09	Randy	1124540	
10	8:10	Randy	1125243	
11	8:09	Randy	1125924	
12	8:10	Randy	1126557	
13	8:30	Randy	1127110	
14	8:35	Randy	1127801	
15	8:10	Randy	1128391	
16	8:00	Randy	1128940	
17	8:13	Randy	1129589	
18	8:06	Randy	1130192	
19	8:09	Randy	1130828	
20	8:10	Randy	1131468	
21	8:22	Randy	1132097	
22	8:14	Randy	1132708	
23	8:04	Randy	1133333	
24	7:47	Randy	1133839	
25	8:15	Randy	1134436	
26	8:49	Randy	1135114	
27	7:06	Randy	1135899	
28	8:05	Randy	1136319	
29	8:10	Randy	1136962	
30	7:50	C-C	1137632	
31	7:10	C-C	1138239	
1	8:13	Randy	1138931	
Average				
Low				
High				

28th - 28th    Total 18,464,000  
 acct 56.7

ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

Date: April 28, 2015 (28th of each month)

1. James Wellsite (#1 POD 14) 163256000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 001023000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 094835000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000712000
  
4. Van Buren Wellsite (#4 POD 13) 049197000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 72013867(distribution)installed 2-18-15  
New meter serial # 70272418 (discharge) 001555000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000921000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: April 28, 2015

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>April</u>  Previous: <u>March</u>	<u>163256000</u>  <u>159586000</u> 3,670,000 gals 11.3 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>  Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____  Previous: _____ (Out of service)	_____  _____  <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>April</u> Previous: <u>March</u>	<u>094835000</u> <u>088237000</u> 6,598,000 gals 20.2 acft



Date: April 28, 2015

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>April</u>  Previous: <u>March</u> BACK ON AUGUST 9 2013	<u>049197000</u>  <u>024074000</u> 25,123,000 gals 77.1 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ 0

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>April</u>  Previous: <u>March</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>April</u> Previous: <u>March</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0acft

**Total: 35,391,000 Gallons**  
**Total acre Feet: 108.7**  
**Total gals. to date: 111,533,000**  
**Total acre feet to date: 342.4**

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month April    Year 2015

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:09	Ryan	1101102	0.507
2	8:36	<del>SB</del>	1101609 @ 0.47	0.480
3	8:15	G.C.	1102094	0.462
4	8:18	G.C.	1102574	0.513
5	8:10	G.C.	1103036	0.516
6	8:13	Ryan	1103599	0.517
7			?	0.624
8	8:25	Ryan	1104582	0.642
9		Ryan	1105206	0.624
10	8:09	<del>SB</del>	1105848 @ 0.71	0.614
11	9:00	Randy	1106472 @ 0.71	0.582
12				0.662
13	8:17	Joe	1107700	0.545
14	9:41	<del>SB</del>	1108282 @ 0.67	0.584
15	11:10	<del>SB</del>	1108944 @ 0.50	6.558
16	8:41	<del>SB</del>	1109487 @ 0.83	0.609
17	8:34	Ryan	1110073	0.785
18	8:09	Joe	1110631	0.434
19	8:09	Joe	1111240	1.616
20	8:18	Ryan	1111998	0.642
21	8:15	Ryan	1112632	0.594
22	8:13	Ryan	1114248	0.556
23	8:42	Ryan	1114890	0.551
24	8:08	Ryan	1115484	0.642
25	7:16	Ryan	1116040	0.622
26	8:33	Ryan	1116591	0.633
27	8:09	<del>SB</del>	1117233 @ 0.88	0.618
28	8:07	<del>SB</del>	1117855 @ 0.74	0.650
29	8:10	Ryan	1118488	
30	8:09	Randy	1119100	
31			1119756	
1				
Average	0.600			
Low	0.462			
High	1.616			

28<sup>th</sup> - 28<sup>th</sup> 19,131,000

58.8 acft

18,004,000 ÷ 30 =

0.600  
mgd  
avg.

**ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: March 28, 2015 (28th of each month)

1. James Wellsite (#1 POD 14) 159586000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 001017000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 088237000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000703000
  
4. Van Buren Wellsite (#4 POD 13) 024074000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 72013867(distribution)installed 2-18-15  
New meter serial # 70272418 (discharge) 001540000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000921000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production



**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: March 28, 2015

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>March</u> Previous: <u>February</u>	<u>159586000</u> <u>158634000</u> 952,000 gals 2.9 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>March</u> Previous: <u>February</u>	<u>088237000</u> <u>080009000</u> 8,228,000 gals 25.3 acft

Date: March 28, 2015

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>March</u>  Previous: <u>February</u> BACK ON AUGUST 9 2013	<u>024074000</u>  <u>005954000</u> 18,120 ,000 gals 55.7 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>March</u>  Previous: <u>February</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>March</u> Previous: <u>February</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 27,300,000 Gallons**  
**Total acre Feet: 83.8**  
**Total gals. to date: 76,142,000**  
**Total acre feet to date: 233.7**

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month March    Year 2015

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:30	Ryan	1083169	0.630
2	8:10	Ryan	1083799	0.510
3	8:06	<del>DB</del>	1084309 @ 0.76	0.499
4	8:08	Ryan	1084808	0.519
5	8:52	Ryan	1085227	0.549
6	8:03	Ryan	1085876	0.531
7	8:03	Ryan	1086407	0.559
8	8:03	Ryan	1086916	0.619
9	8:06	<del>DB</del>	1087885 @ 0.66	0.604
10	8:09	<del>DB</del>	1088189 @ 0.75	0.585
11	8:15	Ryan	1088774	0.528
12	8:40	Ryan	1089302	0.551
13	8:10	Ryan	1089857	0.672
14	12:05	G.C	1090525	1.025
15	8:40	G.C	1091550	0.052
16	8:10	Ryan	1091602	0.614
17	8:04	<del>DB</del>	1092216 @ 0.78	0.546
18	8:06	<del>DB</del>	1092722 @ 0.66	0.609
19	8:47	Ryan	1093371	0.571
20	8:12	Ryan	1093948	0.565
21	8:00	Joe	1094513	0.572
22	8:10	Joe	1095085	0.642
23	8:31	Ryan	1095727	0.594
24	8:16	Ryan	1096321	0.613
25	8:09	Ryan	1096934	0.597
26	8:14	Ryan	1097571	0.618
27	8:11	Ryan	1098149	0.575
28	8:09	Joe	1098724	0.588
29	8:09	Joe	1099312	0.591
30	8:20	Ryan	1099903	0.570
31	8:02	<del>DB</del>	1100493 @ 0.36	0.609
1	8:09	Ryan	1101102	
Average	0.578			
Low	0.052			
High	1.025			

28<sup>th</sup> - 28<sup>th</sup>    16,151,000  
50.0 acft

17,933,000 ÷ 31 = 0.57  
mgd  
avg



**ANTHONY WATER & SANITATION DISTRICT**  
**P.O. BOX 1751**  
**ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: February 28, 2015 (28th of each month)

1. James Wellsite (#1 POD 14) 158634000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 001012000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 080009000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000685000
  
4. Van Buren Wellsite (#4 POD 13) 005954000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 72013867(distribution)installed 2-18-15  
New meter serial # 70272418 (discharge) 001513000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000912000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: February 28, 2015

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>February</u> Previous: <u>January</u>	<u>158634000</u> <u>151399000</u> 7,235,000 gals 22.2 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>February</u> Previous: <u>January</u>	<u>080009000</u> <u>080009000</u> 0 gals .0 acft

Date: February 28, 2015

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>February</u>  Previous: <u>January</u> BACK ON AUGUST 9 2013 Please note: meter went broken Early January this is an average. New meter 2-18-15	<u>005954000</u>  <u>000</u> 18,445,000 gals 56.6 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>February</u>  Previous: <u>January</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>February</u> Previous: <u>January</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 25,680,000 Gallons**  
**Total acre Feet: 78.8**  
**Total gals. to date: 48,842,000**  
**Total acre feet to date: 149.9**



# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month February    Year 2015

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:04	Jose	1067707	0.518
2	7:02		1068225	0.474
3	8:10	Ryan	1068699	0.470
4	8:01	Ryan	1069169	0.604
5	9:06	Ryan	1069773	0.539
6	8:06	Ryan	1070312	0.508
7	9:05	Randy	1070820	0.541
8	8:07	Randy	1071361	0.584
9	8:02	Randy	1071955	0.581
10	8:21	Ryan	1072536	0.568
11	8:12	Ryan	1073104	0.577
12	8:49	Ryan	1073681	0.512
13	8:10	Ryan	1074193	0.601
14	8:08	Joe	1074794	0.597
15	8:08	Joe	1075391	0.571
16	8:08	Joe	1075962	0.626
17	8:43	Ryan	1076588	0.527
18	8:10	Ryan	1077115	0.551
19	7:00	Ryan	1077666	0.524
20	8:06		1078190	
21	8:40	G-C	1079655	
22	<del>8:40</del>	<del>G-C</del>	<del>1079623</del>	1079625
23	<del>8:12</del>	<del>G-C</del>	<del>1079623</del>	1079925
24	8:07	Daniel	1080225	0.504
25	8:04		1080729	0.547
26	8:52		1081476	0.588
27	8:20	Ryan	1082064	0.509
28	8:14	Randy	1082573	0.596
29				
30				
31				
1	8:30		1083169	
Average	0.530			
Low			40	
High				

8:13 Ryan

28th - 28th    16,658,000  
51 acft

14,866,000 ÷ 28 = 0.530  
mgd  
avg

ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS- PLEASE NOTE: REVISED COPY

Date: January 28, 2015 (28th of each month)

1. James Wellsite (#1 POD 14) 151399000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000998000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 080009000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000682000
  
4. Van Buren Wellsite (#4 POD 13) 356835000  
1127 Vau Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001513000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000396000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: January 28, 2015

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>January</u> Previous: <u>December</u>	<u>151399000</u> <u>148747000</u> 2,652,000 gals 8.1 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>January</u> Previous: <u>December</u>	<u>080009000</u> <u>079986000</u> 2,300 gals .07 acft



Date: January 28, 2015

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>January</u>  Previous: <u>December</u> BACK ON AUGUST 9 2013 Please note: meter went broken Early January this is an average.	<u>00000000</u>  <u>355334000</u> 20,510,000 gals 63.0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>January</u>  Previous: <u>December</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>January</u> Previous: <u>December</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 23,162,000 Gallons**  
**Total acre Feet: 71.08**  
**Total gals. to date: 23,162,000**  
**Total acre feet to date: 71.08**

**ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: January 28, 2015 (28th of each month)

1. James Wellsite (#1 POD 14) 151399000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000998000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 080009000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000682000
  
4. Van Buren Wellsite (#4 POD 13) 356835000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001513000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000396000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: January 28, 2015

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>January</u>	<u>151399000</u>
	Previous: <u>December</u>	<u>148747000</u> 2,652,000 gals 8.1 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>	Present: _____	_____
Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Previous: _____ (Out of service)	_____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>January</u>	<u>080009000</u>
	Previous: <u>December</u>	<u>079986000</u> 2,300 gals .07 acft



Date: January 28, 2015

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>January</u>  Previous: <u>December</u> BACK ON AUGUST 9 2013 Please note: meter went broken Early January this is an average.	<u>00000000</u>  <u>355334000</u> <del>12,280,000 gals</del> 37.7 acft

20,510,000  
63.0

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ 0

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>January</u>  Previous: <u>December</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>January</u> Previous: <u>December</u>	<u>00166300 temp meter</u> <u>00166300</u> 0 gals .0.acft

Total: 14,934,000 Gallons  
Total acre Feet: 45.8  
Total gals. to date: 14,934,000  
Total acre feet to date: 45.8

23,162,000  
71.08  
23,162,000  
71.08

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month Jan.    Year 2015

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	9:30	Ryan	1052288	0.519
2	8:12	Joe	1052807	0.488
3	8:07	Joe	1053295	0.498
4	8:08	Joe	1053793	0.522
5	9:35	Ryan	1054315	0.491
6	8:21	Randy	1054806	0.477
7	8:10	Ryan	1055283	0.496
8	<del>8:58</del>	<del>Joe</del>	1055779	0.572
9	08:07	<del>Joe</del>	1056251	0.447
10	8:05	Gerc	1056698	0.524
11	8:15	Gerc	1057222	503
12	08:09	<del>Joe</del>	1057725	0:507
13	08:12	Ryan	1058232	489
14	08:08	<del>Joe</del>	1058721	0.488
15	8:18	Ryan	1059209	542
16	08:09	<del>Joe</del>	1059751	0.571
17	8:10	Randy	1060282	0.583
18	8:05	Randy	1060805	0.509
19	8:06	Randy	1061374	0.545
20	8:09	Ryan	1061919	0.499
21	8:10	Ryan	1062418	525
22	8:04	<del>Joe</del>	1062943	0.559
23	8:11	Ryan	1063502	0.556
24	9:20	Gerc	1064052	0.420
25	9:45	Gerc	1064478	0.484
26	8:25	Ryan	1064962	0.475
27	8:10	Ryan	1065437	0.478
28	8:06	Ryan	1065915	0.485
29	8:15	Ryan	1066400	0.441
30	8:04	<del>Joe</del>	1066841	0.413
31	8:07	Joe	1067254	0.453
1	8:04	Joe	1067707	0.518
Average	8:04	<del>Joe</del>	1068225	0.67
Low	0.413			
High	0.583			

0.482

$14,966,000 \div 31 = 0.482 \text{ m. avg}$

Total acft 45.9

**ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: December 28, 2014 (28th of each month)

1. James Wellsite (#1 POD 14) 148747000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000992000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 079986000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000641000
  
4. Van Buren Wellsite (#4 POD 13) 355334000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001503000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000887000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production



**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: December 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>December</u>  Previous: <u>November</u>	<u>148747000</u>  <u>148745000</u> 2,000 gals .0061 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>  Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____  Previous: _____ (Out of service)	_____  _____  <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>December</u> Previous: <u>November</u>	<u>079986000</u> <u>072165000</u> 7,821 ,000 gals 24.0acft

Date: December 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>December</u>  Previous: <u>November</u> BACK ON AUGUST 9 2013	<u>355334000</u>  <u>342933000</u> 12,401,000 gals 38.1 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ 0

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>December</u>  Previous: <u>November</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>December</u> Previous: <u>November</u>	<u>00166300 temp meter</u> <u>00166300</u> 0 gals .0acft

**Total: 20,224,000 Gallons**  
**Total acre Feet: 62.07**  
**Total gals. to date: 396,759,000**  
**Total acre feet to date: 1218.07**

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month December Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:05	Ryan	1037263	0.615
2	8:07	Ryan	1033878	0.575
3	8:10	Ryan	1034453	0.622
4	9:07	Ryan	1035075	552
5	08:04	<del>Ryan</del>	1035427	<del>0.575</del>
6	8:10	Gera	1036202	0.637
7	8:20	Gera	1036835	552
8	8:05	<del>Ryan</del>	1037377	0.588
9	8:05	Ryan	1037975	0.568
10	8:08	Ryan	1038543	0.592
11	8:03	Ryan	1039135	571
12	8:04	<del>Ryan</del>	1039714	0.512
13	8:07	Joe	1040228	1.828
14	8:13	Joe	1042056	1.071
15	8:14	Ryan	1043127	577
16	8:03	<del>Ryan</del>	1043704	0.602
17	8:09	Ryan	1044306	588
18	<del>8:05</del>	<del>Ryan</del>	<del>1044306</del>	1044894
19	08:07	<del>Ryan</del>	1045323	0.515
20	8:20	Gera	1045898	0.571
21	7:45	Gera	1046469	572
22	8:05	<del>Ryan</del>	1047041	0.607
23	8:10	Ryan	1047648	0.517
24	8:36	Ryan	1048165	0.523
25	8:50	Gera	1048888	0.471
26	8:04	Ryan	1049119	0.460
27	8:01	Ryan	1049579	0.503
28	8:12	Randy	1050082	482
29	8:04	<del>Ryan</del>	1050564	599
30	8:06	<del>Ryan</del>	1051163	0.591
31	8:35	Ryan	1051754	0.534
1	9:30	Ryan	1052288	
Average	0.596	mgd		
Low	0.431	mgd		
High	1.828	mgd		

2 = 812    Joe    1052

56.75 acft

$18,491,000 \div 31 =$

0.596  
mgd  
avg.



ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

2

Date: November 28, 2014 (28th of each)

1. James Wellsite (#1 POD 14) 1487.0000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000983000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 072165000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000396000
  
4. Van Buren Wellsite (#4 POD 13) 342933000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001492000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000875000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: November 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>November</u>  Previous: <u>October</u>	<u>148745000</u>  <u>146527000</u> 2,218,000 gals 6.8 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>  Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____  Previous: _____ (Out of service)	_____  _____  <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>November</u> Previous: <u>October</u>	<u>072165000</u> <u>064402000</u> 7,763,000 gals 23.8acft

Date: November 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>November</u> Previous: <u>October</u> BACK ON AUGUST 9 2013	<u>342933000</u> <u>323985000</u> 18,948,000 gals 58.0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u> Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____ Previous: _____	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u> Gillete Wellsite #6 1361 Fourth St.	Present: <u>November</u> Previous: <u>October</u>	<u>002819000</u> <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>November</u> Previous: <u>October</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0acft

**Total: 28,929,000 Gallons**  
**Total acre Feet: 88.8**  
**Total gals. to date: 376,535,000**  
**Total acre feet to date: 1156.0**



# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month November Year 2014

8:06

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1			1010268	.547
2			1010810	.568
3			1011378	.582
4	8:09	Ryan	1011960	1.359
5	8:06	Ryan	1013319	.530
6	8:08	Ryan	1013849	.524
7	<del>8:08</del>	<del>Ryan</del>	<del>1012850</del> 1014373	.675
8	Gera	8:00	1015048	.598
9	Gera	8:00	1015646	1.062
10	Ryan	8:10	1016708	.594
11	7:33	Gera	1017302	.688
12	8:08	Ryan	1017990	1.819
13	8:10	Ryan	1019809	.613
14	8:06	Ryan	1020440	.573
15	8:00	Joe	1021013	.623
16	8:08	Joe	1021636	1.017
17	8:08	Ryan	1022653	1.076
18	8:07	Ryan	1023729	.603
19	8:06	Ryan	1024332	.633
20	8:58	Ryan	1024965	.896
21	8:10	Ryan	1025861	.548
22	8:23	Ryan	1026409	.612
23	8:30	Ryan	1027021	.565
24	8:10	Ryan	1027584	.613
25	8:09	Ryan	1028179	.634
26	8:12	Ryan	1028813	.622
27	8:06	Ryan	1029435	1.166
28	8:07	Joe	1030601	.578
29	8:08	Joe	1031179	.649
30	8:06	Joe	1031828	1.435
31				
1	8:05	Ryan	1033263	
Average				
Low				
High				

Please Note:  
Calculated 28th-28th

Total    22,164,000 ÷ 30  
Ave        0.73  
Acft        68.0

ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

3

Date: October 28, 2014 (28th of e

1. James Wellsite (#1 POD 14) \_\_\_\_\_  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000889000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 064402000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000381000
  
4. Van Buren Wellsite (#4 POD 13) 323985000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001478000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000863000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: October 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14)	Present: <u>October</u>	<u>146527000</u>
James Wellsite #1 Livesay & Charles St.	Previous: <u>September</u>	<u>144329000</u> 2,098,000 gals 6.4 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>	Present: _____	_____
Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Previous: _____ (Out of service)	_____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u>	Present: <u>October</u>	<u>064402000</u>
McKinley Wellsite #3 132 Saint Anthony St	Previous: <u>September</u>	<u>055621000</u> 8,781,000 gals 27.0acft



Date: October 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>October</u>  Previous: <u>September</u> BACK ON AUGUST 9 2013	<u>323985000</u>  <u>302464000</u> 21,521,000 gals 66.0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ 0

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>October</u>  Previous: <u>September</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>October</u> Previous: <u>September</u>	<u>00166300 temp meter</u> <u>00166300</u> 0 gals .0.acft

**Total: 32,400,000 Gallons**  
**Total acre Feet: 99.4**  
**Total gals. to date: 347,606,000**  
**Total acre feet to date: 1067.2**

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log      Month 057      Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1			989957	0.644
2	8:35	Ryan	990601	0.683
3	8:07	Ryan	991284	0.652
4	8:09	Joe	991936	0.669
5	8:10	Joe	992605	0.737
6	8:13	Ryan	993342	0.707
7	8:06	Ryan	994049	0.585
8	0804	DANIEL	994634	0.647
9	0807	DANIEL	995221	0.708
10	8:05	Ryan	995989	0.677
11	9:10	G-C	996666	0.641
12	8:15	G-C	997307	0.698
13	8:10	G-C	998005	0.665
14	8:06	Ryan	998670	0.623
15	8:09	Ryan	999293	0.664
16	8:16	Ryan	999957	0.623
17	7:15	Ryan	1000580	0.625
18	8:08	Joe	1001205	0.667
19	8:08	Joe	1001872	0.732
20	8:10	DAN	1002604	0.602
21	8:06	DAN	1003206	0.547
22	8:10	DAN	1003853	0.605
23	8:13	DAN	1004458	0.509
24	8:08	DAN	1004967	0.577
25	8:10	G-C	1005542	1.926
26	8:00	G-C	1007470	0.635
27	8:07	DAN	1007105	0.612
28	8:06	DAN	1007717	0.720
29	8:12	Ryan	1008437	0.648
30	8:12	Ryan	1009085	0.626
31	8:07	Ryan	1009711	0.552
1	8:27	Joe	1010263	
Average	0.637			
Low	0.547			
High	1.926			

2 - 807    JOSE    1010810

3    807    DANIEL    1011378    @ 0.86

19,754,000 ÷ 31 =

60.6 Acft

0.63  
Mgd  
avg

ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

Date: September 28, 2014 (28th of ea

CF

1. James Wellsite (#1 POD 14) 14  
Livesay & Charles St  
Serial #70272419 8" Neptune (d  
Serial #70272415 6" Neptune (discharge) 000881000  
started up May 2, 2013
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
3. McKinley Wellsite (#3) 055621000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000366000
4. Van Buren Wellsite (#4 POD 13) 302464000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001458000
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000835000
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production



**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: September 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14)	Present: <u>September</u>	<u>144329000</u>
James Wellsite #1 Livesay & Charles St.	Previous: <u>August</u>	<u>135706000</u> 8,623,000 gals 26.5 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>	Present: _____	_____
Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Previous: _____ (Out of service)	_____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u>	Present: <u>September</u>	<u>055621000</u>
McKinley Wellsite #3 132 Saint Anthony St	Previous: <u>August</u>	<u>051610000</u> 4,011,000 gals 12.3acft

Date: September 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>September</u>  Previous: <u>August</u> BACK ON AUGUST 9 2013	<u>302464000</u>  <u>279985000</u> 22,479,000 gals 69.0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>September</u>  Previous: <u>August</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>September</u> Previous: <u>August</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 35,113,000 Gallons**  
**Total acre Feet: 107.8**  
**Total gals. to date: 315,206,000**  
**Total acre feet to date: 967.8**

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month September    Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18	8:41	Ryan	<del>980</del> 980662	0.854
19	8:47	Ryan	981516	0.677
20	8:10	Ryan	982193	0.707
21	8:54	Ryan	982900	0.750
22	8:40	Ryan	983650	0.678
23	8:10	Ryan	984328	0.679
24	8:07	Ryan	985007	0.717
25	8:24	Ryan	985724	0.694
26	8:15	Ryan	986448	0.577
27	8:10	G-C	986995	0.88
28	8:15	G-C	987876	0.710
29	8:18	Ryan	988586	0.723
30	8:10	Ryan	989309	0.648
31				
1	8:10	Ryan	989957	
Average	0.665			
Low	0.577			
High	0.881			

Flow totalizer not working

TOTA 19,950,000 GALLONS

61.224 ACRE- FEET

$8647 \div 13 =$

0.665 mgd avg.



ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

5

WELLSITE READINGS

Date: August 28, 2014 (28th of each month)

1. James Wellsite (#1 POD 14) 135706000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000865000  
started up May 2, 2013
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
3. McKinley Wellsite (#3) 051610000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000362000
4. Van Buren Wellsite (#4 POD 13) 279985000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001440000
5. Gillete Wellsite (#6) 002919000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000809000
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: August 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>August</u>  Previous: <u>July</u>	<u>135706000</u>  <u>135248000</u> 458,000 gals 1.4 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>  Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____  Previous: _____ (Out of service)	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>August</u> Previous: <u>July</u>	<u>051610000</u> <u>038744000</u> 12,866,000 gals 39.5acft

Date: August 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>August</u>  Previous: <u>July</u> BACK ON AUGUST 9 2013	<u>279985000</u>  <u>256832000</u> 23,153,000 gals 71.1 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>August</u>  Previous: <u>July</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>August</u> Previous: <u>July</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 36,477,000 Gallons**  
**Total acre Feet: 111.9**  
**Total gals. to date: 280,093,000**  
**Total acre feet to date: 860.0**



# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month August    Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1				
2				
3				
4			flow totalizer not	
5			working. Due to	
6			electrical malfunctions	
7				
8				
9				
10				
11			0.44 mgd avg.	
12			from Daily instantaneous	
13			flow readings from	
14			parshall flume.	
15				
16				
17				
18				
19				
20				
21				
22				
23			0.44 MGD * 31 DAYS	
24			= 13.6 MGD MONTH	
25				
26				
27				
28				
29				
30				
31				
1				
Average				
Low				
High				

TOTAL 13.6 MGD MONTH  
13,640,000 GALLONS MONTH  
41.86 ACRF FT

ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

Date: July 28, 2014 (28th of each month)

- C
1. James Wellsite (#1 POD 14) 1352480  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000856000  
started up May 2, 2013
  2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  3. McKinley Wellsite (#3) 038744000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000345000
  4. Van Buren Wellsite (#4 POD 13) 25683000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001423000
  5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000751000
  6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: July 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>July</u> Previous: <u>June</u>	<u>135248000</u> <u>122794000</u> 12,454,000 gals 38.2 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>July</u> Previous: <u>June</u>	<u>038744000</u> <u>035001000</u> 3,743,000 gals 11.5acft



Date: July 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>July</u>  Previous: <u>June</u> BACK ON AUGUST 9 2013	<u>256832000</u>  <u>230484000</u> 26,348,000 gals 80.9 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u> Gillete Wellsite #6 1361 Fourth St.	Present: <u>July</u>  Previous: <u>June</u>	<u>002819000</u> <u>002819000</u> 0 gals 0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u> O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>July</u>  Previous: <u>June</u>	<u>00166300 temp meter</u> <u>00166300</u> <u>0 gals</u> .0 acft

Total: 42,545,000 Gallons  
Total acre Feet: 130.6  
Total gals. to date: 243,616,000  
Total acre feet to date: 748.1

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month July    Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	0843	DANIEL	954068	<del>0.625</del> .625
2	0915	DANIEL	954733	<del>0.639</del> .639
3	8:10	Ryan	955372	.868
4	10:40	Etseido	956240	.630
5	8:10	A-C	956870	
6	7:40	A-C	958787	
7	8:10	Ryan	958315	1.943
8	8:10	Ryan	960258	<del>0.692</del> .692
9	8:10	Ryan	960950	<del>0.705</del> .705
10	8:10	Ryan	961655	.726
11	8:10	Ryan	962381	.689
12	8:10	Joe	963020	1.209
13	8:10	Joe	964279	.796
14	8:10	DANIEL	965075	1.629
15	8:10	Ryan	966704	.709
16	8:10	Ryan	967413	.676
17	8:03	DANIEL	968089	.711
18	0804	DANIEL	968800	.841
19	8:10	Ryan	969645	.910
20	8:15	Ryan	970551	1.970
21	8:25	Ryan	972521	.725
22	8:07	DANIEL	973244	.680
23	7:07	DANIEL	973924	.812
24	7:10	DANIEL	974738	.724
25	7:17	DANIEL	975512	.669
26	8:05	Ryan	976181	.693
27	<del>8:10</del>	<del>Ryan</del>	<del>976275</del> 976874	<del>.582</del> .582
28	8:07	DANIEL	977456	.638
29	8:05	Ryan	978094	.715
30	7:06	DANIEL	978809	.743
31	8:12	DANIEL	979552	.597
1		Ryan	980149	
Average	0.822			
Low				
High	1.970			

25,484,000 ÷ 31 = 0.822 mgd avg

**ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: JUNE 28, 2014 (28th of each month)

1. James Wellsite (#1 POD 14) 122794000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000846000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 035001000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000336000
  
4. Van Buren Wellsite (#4 POD 13) 230484000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001407000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000751000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production



**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: JUNE 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>June</u>  Previous: <u>May</u>	<u>122794000</u>  <u>114445000</u> 8,349,000 gals 25.6 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>  Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____  Previous: _____ (Out of service)	_____  _____  <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>June</u>  Previous: <u>May</u>	<u>035001000</u> <u>017730000</u> 17,271,000 gals 53.0acft

Date: June 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>June</u>  Previous: <u>May</u> BACK ON AUGUST 9 2013	<u>230484000</u>  <u>210467000</u> 20,017,000 gals 61.4 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>June</u>  Previous: <u>May</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u>  O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>June</u>  Previous: <u>May</u>	<u>00166300 temp meter</u>  <u>00166300</u> <u>0 gals</u> .0.acft

Total: 45,637,000 Gallons  
Total acre Feet: 140.1  
Total gals. to date: 201,071,000  
Total acre feet to date: 617.5

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month June    Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:15	Ryan	931767	1.069
2	8:09	Joe	932630	0.293
3	8:10	Ryan	933129	0.718
4	8:10	Ryan	933847	0.721
5	8:10	Ryan	934568	0.793
6	8:30	Ryan	935361	0.984
7	8:07	Joe	936345	0.773
8	8:06	Joe	937118	0.445
9	8:10	Ryan	<del>937000</del> 937563	0.667
10	8:07	Ryan	<del>937000</del> 938230	0.667
11		Ryan	938897	0.509
12	8:10	Ryan	939406	0.633
13	8:10	Ryan	940039	0.732
14	8:15	G.C	940771	0.681
15	8:08	G.C	941452	0.663
16	8:10	Ryan	942115	0.692
17	8:10	Ryan	942887	0.678
18	8:10	Ryan	943485	0.835
19	9:10	Ryan	944320	0.672
20	8:15	Ryan	944992	0.707
21	8:07	Joe	945699	0.728
22	8:07	Joe	946927	0.711
23	8:15	Ryan	947135	1.142
24	8:10	Ryan	948280	0.720
25	8:15	Ryan	949000	1.444
26	7:35	Ryan	950444	0.748
27	8:15	Ryan	951192	0.706
28	8:10	Ryan	951898	0.794
29	8:20	Ryan	952692	0.638
30	8:10	Ryan	953330	0.738
31				
1		Ryan	954068	
Average	0.719			
Low	0.293			
High	1.444			

0.677

0.721

0.655

0.788

Total  
21,563,000 gal ÷ 30 = 0.719  
mgd  
Avg.



ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

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WELLSITE READINGS

Date: MAY 28, 2014 (28th of each month)

1. James Wellsite (#1 POD 14) 114445000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000843000  
started up May 2, 2013
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
3. McKinley Wellsite (#3) 017730000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000328000
4. Van Buren Wellsite (#4 POD 13) 210467000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001284000
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000751000
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: MAY 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>May</u>  Previous: <u>April</u>	<u>114445000</u>  <u>108352000</u> 6,093,000 gals 18.7 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u>  Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____  Previous: _____ (Out of service)	_____  _____  <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>May</u>  Previous: <u>April</u>	<u>017730000</u> <u>009343000</u> 8,387,000 gals 25.7acft

Date: May 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>May</u>  Previous: <u>April</u> BACK ON AUGUST 9 2013	<u>210467000</u>  <u>185884000</u> 24,583,000 gals 75.4 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>May</u>  Previous: <u>April</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u>  O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>April</u>  Previous: <u>March</u>	<u>00166300 temp meter</u>  <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 39,063,000 Gallons**  
**Total acre Feet: 119.8**  
**Total gals. to date: 155,434,000**  
**Total acre feet to date: 477.4**



# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log

Month May

Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:40	Ryan	911014	0.622
2	8:10	Ryan	911636	0.673
3	8:00	G.C	<del>911230</del> 912209	0.560
4	8:10	G.C	912869	0.656
5	8:10	Ryan	913525	0.684
6	8:10	Ryan	914209	0.649
7	8:10	Ryan	914858	0.897
8	8:10	Ryan	915755	0.605
9	8:10	Ryan	916360	0.537
10	6:08	Joe	916897	0.630
11	8:07	Joe	917527	0.530
12	8:10	G.C	918057	0.688
13	8:10	Ryan	918715	0.626
14	8:10	Ryan	919341	0.673
15	8:25	Ryan	920014	0.632
16	8:10	Ryan	920646	0.572
17	7:55	G.C	921218	0.660
18	8:00	G.C	921878	0.644
19	8:10	Ryan	922522	0.657
20	8:10	Ryan	923179	0.699
21	8:10	Ryan	923878	0.673
22	8:20	Ryan	924551	0.663
23	8:45	Ryan	925214	1.175
24	8:13	Joe	926389	0.637
25	8:07	Joe	927026	0.607
26	8:07	Joe	927633	0.692
27	8:10	Ryan	928325	0.785
28	8:07	Joe	929110	0.712
29	8:35	Ryan	929822	0.741
30	10:20	Ryan	930563	0.569
31	8:10	Ryan	931182	0.635
1				
Average	0.649			
Low	0.530			
High	1.175			

0.638

0.640

0.648

0.747

total  
20, 118, 000 gal ÷ 31 = 0.648

0.649  
mgd  
avg.

**ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021**

**WELLSITE READINGS**

Date: April 28, 2014 (28th of each month)

1. James Wellsite (#1 POD 14) 108352000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000837000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 009343000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000291000
  
4. Van Buren Wellsite (#4 POD 13) 185884000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001275000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000751000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: April 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>April</u> Previous: <u>March</u>	<u>108352000</u> <u>097644000</u> 10,708,000 gals 32.9 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>April</u> Previous: <u>March</u>	<u>009343000</u> <u>007114000</u> 2,229,000 gals 6.9acft



Date: April 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>April</u>  Previous: <u>March</u> BACK ON AUGUST 9 2013	<u>185884000</u>  <u>162285000</u> 23,599,000 gals 72.4 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>April</u>  Previous: <u>March</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u>  O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>April</u>  Previous: <u>March</u>	<u>00166300 temp meter</u>  <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 36,536,000 Gallons**  
**Total acre Feet: 112.2**  
**Total gals. to date: 116,371,000**  
**Total acre feet to date: 357.6**

# Anthony Water & Sanitation District

## Wastewater Treatment Facilities

Process Control Log

Month APR

Year 20-14

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1			892547	0.589
2	8:16	Joe	893136	0.586
3	8:05	Joe	893722	0.614
4	8:10	Ryan	894336	0.570
5	8:20	G-C	894906	0.565
6	8:05	G-C	895471	0.582
7	8:10	Ryan	896053	0.629
8	8:41	Joe	896682	0.613
9	8:10	Ryan	897295	0.616
10	8:20	Ryan	897911	0.614
11	8:10	Ryan	898525	0.585
12	8:06	Joe	899110	0.582
13	8:05	Ryan	899692	0.571
14	9:30	St.	900263	0.522
15	8:08	Ryan	900785	0.788
16	8:25	Ryan	901573	0.680
17	8:35	Ryan	902253	0.586
18	8:18	G-C	902839	0.582
19	8:35	G-C	903421	0.577
20	8:40	G-C	903998	0.592
21	8:15	Ryan	904590	0.707
22	8:10	Ryan	905297	0.662
23	8:10	Ryan	905959	0.654
24		Ryan	906613	0.654
25	8:10	Ryan	907267	0.592
26	8:09	Joe	907859	no now 0.598
27	8:08	Joe	908497	no now 0.631
28	8:10	Ryan	909088	0.671
29	9:30	Ryan	909759	0.634
30	8:15	Ryan	910393	0.621
31				
1	8:40	Ryan	911014	
Average	0.594			
Low	0.522			
High	0.788			

0.620

0.594

0.611

0.627

0.633

total  
 $17,846,000 \div 30 = 0.594$   
 mgd  
 avg

ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

10

Date: March 28, 2014 (28th of each)

1. James Wellsite (#1 POD 14) 60000000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000827000  
started up May 2, 2013
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
3. McKinley Wellsite (#3) 007114000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000291000
4. Van Buren Wellsite (#4 POD 13) 162285000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001270000
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000751000
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production



**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: March 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>March</u> Previous: <u>February</u>	<u>097644000</u> <u>092357000</u> 5,287,000 gals 16.2 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>March</u> Previous: <u>February</u>	<u>007114000</u> <u>005717000</u> 1,397,000 gals 4.3acft

Date: March 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>March</u>  Previous: <u>February</u> BACK ON AUGUST 9 2013	<u>162285000</u>  <u>141413000</u> 20,872,000 gals 64.0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>March</u>  Previous: <u>February</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u>  O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>March</u>  Previous: <u>February</u>	<u>00166300 temp meter</u>  <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 27,556,000 Gallons**  
**Total acre Feet: 84.6**  
**Total gals. to date: 79,835,000**  
**Total acre feet to date: 245.4**

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month March    Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:07	Jae	874740	0.579
2	8:07	Jae	875319	0.600
3	8:10	Ryan	875919	0.532
4	8:10	Ryan	876451	0.507
5	8:10	Ryan	876958	0.584
6	8:50	Ryan	877542	0.593
7	8:15	Ryan	878135	0.525
8	7:05	JH	878660	0.550
9	7:05	JH	879210	0.602
10	8:10	Ryan	879812	0.624
11	8:15	Ryan	880436	0.615
12	8:10	Ryan	881051	0.536
13	8:37	Ryan	881587	0.630
14	8:08	Ryan	882217	0.572
15	8:05	Ryan	882789	0.492
16	8:05	Ryan	883281	0.615000
17	11:30	Jay TM	883896	0.396
18	8:05	Ryan	884292	0.541
19	8:05	Ryan	884833	0.495
20	8:05	Ryan	885328	0.512
21	8:09	Ryan	885840	0.642
22	8:35	C-C	886482	0.410
23	9:05	C-C	886892	0.489
24	8:05	Ryan	887381	0.835
25	8:05	Ryan	888216	0.582
26	8:05	Ryan	888798	0.644
27	8:32	Ryan	889442	0.600
28	8:05	Ryan	890042	0.583
29	8:07	Jae	890625	0.640
30	8:05	Jae	891265	0.651
31	8:00	Jae	891916	0.631
1	8:25	Jae	892547	
Average	0.554			
Low	0.396			
High	0.835			

0.594

0.556

0.582

0.516

0.625

17,176,000 ÷ 31 = 0.554 mgd  
- avg.



ANTHONY WATER & SANITATION DISTRICT  
P.O. BOX 1751  
ANTHONY, NM 88021

WELLSITE READINGS

21

Date: February 28, 2014 (28th of each month)

1. James Wellsite (#1 POD 14) 092357000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000815000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 005717000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000281000
  
4. Van Buren Wellsite (#4 POD 13) 1414130000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001244000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000781000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: February 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>February</u> Previous: <u>January</u>	<u>092357000</u> <u>085415000</u> 6,942,000 gals 21.3 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>February</u> Previous: <u>January</u>	<u>005717000</u> <u>004239000</u> 1,478,000 gals 4.5acft

Date: February 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>February</u>  Previous: <u>January</u> BACK ON AUGUST 9 2013	<u>141413000</u>  <u>122071000</u> 19,342,000 gals 59.4 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>February</u>  Previous: <u>January</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u>  O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>February</u>  Previous: <u>January</u>	<u>00166300 temp meter</u>  <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 27,762,000 Gallons**  
**Total acre Feet: 85.2**  
**Total gals. to date: 52,279,000**  
**Total acre feet to date: 160.8**



(4 weeks)

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log Month February Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:43	Jae	858835	0.473
2	8:10	Jae	859306	0.471
3	8:10	Ryan	859830	0.566
4	8:10	Ryan	860396	0.554
* 5	8:10	Ryan	860950	0.577
6	9:05	Ryan	861527	0.481
7	8:10	Ryan	862008	0.542
8	8:10	Ryan	862550	0.581
9	8:05	Ryan	863131	0.616
10	8:17	Jae	863747	0.589
* 11	8:30	Jae	864336	0.553
* 12	8:08	Jae	864889	0.577
13	8:43	Jae	865466	0.520
14	8:10	Ryan	865986	0.548
15	8:06	Jae	866534	0.569
16	8:05	Jae	867103	0.558
17	8:07	Jae	867661	0.643
18	8:20	Ryan	868304	0.585
* 19	8:10	Ryan	868889	0.572
20	8:11	Ryan	869461	0.588
21	8:06	Ryan	870049	0.528
22	8:10	Cera	870577	0.587
23	8:28	Cera	871164	0.616
24	8:10	Jae	871780	0.608
25	8:10	Ryan	872388	0.605
* 8:10 26	<del>8:10</del>	<del>Ryan</del>	<del>872993</del>	0.582
27	8:37	Ryan	873575	0.599
28	8:10	Ryan	874174	0.564
29				
30				
31				
I			874740	
Average	0.548			
Low	0.413			
High	0.643			

0.494

0.539

0.567

0.580

$$15,339,000 \div 28 = 0.548 \text{ mgd avg.}$$

**ANTHONY WATER & SANITATION DISTRICT**  
**P.O. BOX 1751**  
**ANTHONY, NM 88021**

---

**WELLSITE READINGS**

12

Date: January 28, 2014 (28th of each m

1. James Wellsite (#1 POD 14) 085415000  
Livesay & Charles St  
Serial #70272419 8" Neptune (distribution)  
Serial #70272415 6" Neptune (discharge) 000807000  
started up May 2, 2013
  
2. Wooden Tank Site (#2) 0  
1309 Church St.  
Serial Number #779770  
Out of production, meter and well head eliminated
  
3. McKinley Wellsite (#3) 004239000  
132 Saint Anthony St.  
New meter serial #70272420 Neptune (distribution) installed September 2013  
New meter serial #70272414 Neptune (discharge) 000266000
  
4. Van Buren Wellsite (#4 POD 13) 122071000  
1127 Van Buren St.-(back on aug 9-2013)  
New meter Serial # 70272421(distribution)  
New meter serial # 70272418 (discharge) 001221000
  
5. Gillete Wellsite (#6) 002819000  
1361 Fourth St.  
New meter serial #70272417 Neptune (distribution) installed September 2013  
New meter serial #70272416 Neptune (discharge) 000781000
  
6. O'Hara Park Wellsite (#7) 00166300 temp meter other broke  
1781 Deer Circle serial # 0608407  
Serial Number #90-3-370 (McCrometer 3")  
Meter registers in 10's  
Out of production

**METER REPORT FORM**

File No: LRG-4793

Name: Anthony Water & Sanitation

Date: January 28, 2014

Please submit meter reading for each calendar month, on or before the 10th day of the following month.

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793</u> (POD 14) James Wellsite #1 Livesay & Charles St.	Present: <u>January</u> Previous: <u>December</u>	<u>085415000</u> <u>085090000</u> 325,000 gals 1.0 ACFT

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S</u> Wooden Tank Wellsite #2 1309 Church St. (Abandoned)	Present: _____ Previous: _____ (Out of service)	_____ _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-2</u> McKinley Wellsite #3 132 Saint Anthony St	Present: <u>January</u> Previous: <u>December</u>	<u>004239000</u> <u>003831000</u> 408,000 gals 1.3acft



Date: January 28, 2014

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-3</u> (POD 13) Van Buren Wellsite #4 1127 Van Buren St.	Present: <u>January</u>  Previous: <u>December</u> BACK ON AUGUST 9 2013	<u>122071000</u>  <u>098287000</u> 23,784,000 gals 73.0 acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-4</u>  Dos Lagos Wellsite #5 202 Duffer Lane (Abandoned)	Present: _____  Previous: _____	_____  _____ <u>0</u>

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-8</u>  Gillete Wellsite #6 1361 Fourth St.	Present: <u>January</u>  Previous: <u>December</u>	<u>002819000</u>  <u>002819000</u> 0 gals 0acft

<u>GALLONS</u>	<u>MONTH</u>	<u>READING</u>
<u>FILE NO. LRG-4793-S-7</u>  O'Hara Park Wellsite #7 1781 Deer Circle (out of service)	Present: <u>January</u>  Previous: <u>December</u>	<u>00166300 temp meter</u>  <u>00166300</u> <u>0 gals</u> .0.acft

**Total: 24,517,000 Gallons**  
**Total Acre Feet: 75.6**  
**Total Gals. To date: 24,517,000**  
**Total acre feet to date: 75.6**

4 weeks

# Anthony Water & Sanitation District Wastewater Treatment Facilities

Process Control Log    Month January    Year 2014

DAY	TIME	BY	TOTALIZER	FLOW (MGD)
1	8:40	Gera	842999	0.443
2	8:10	Ryan	843442	0.498
3	8:05	Ryan	843940	0.477
4	8:05	Ryan	844417	0.469
5	8:05	Ryan	844886	0.485
6	8:11	Ryan	845371	0.583
7	8:00	Ryan	<del>845754</del> 845754	0.512
8	8:10	BA	846466	0.496
9	8:00	Ryan	846962	0.489
10	8:15	Ryan	847451	0.450
11	8:55	JUAN	847901	0.483
12	8:05	Gera	848384	0.518
13	8:30	Rygal	848902	0.477
14	8:05	Rygal	849379	0.478
15	8:30	Rygal	849857	0.581
16	11:00	Rygal	850438	0.411
17	8:06	Rygal	850899	0.482
18	7:10	JUAN	851281	<del>0.890</del> 0.890
19	6:58	JUAN	852171	0.540
20	7:25	JUAN	852711	<del>0.640</del> 0.640
21	8:10	Ryan	853351	0.477
22	8:10	Ryan	853828	0.504
23	8:55	Ryan	854332	0.448
24	8:10	Ryan	854780	0.527
25	8:25	Gera	855307	0.483
26	8:30	C-C	855790	0.614
27	8:15	Rygal	856404	0.508
28	8:15	Ryan	856912	0.512
29	8:10	Rygal	857424	0.536
30	8:10	Rygal	857960	0.462
31	8:10	Rygal	858422	0.413
1			858835	
Average	0.498			
Low	0.411			
High	0.890			

0.492

0.500

0.541

0.577

$15,423,000 \div 31 = 0.498 \text{ mgd avg.}$

# **APPENDIX F**

## **OSE Water Rights Documentation**



TABLE

Production Wells of the Anthony Water & Sanitation District

AWSD Well No. & Name	Well Location (all N.M.P.M.)	State Engineer Well No.	Year Completed	Total Depth (feet)
1 James	NW $\frac{1}{4}$ /NE $\frac{1}{4}$ /SW $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E.	LRG-4793	1970	400
2 Wood Tank	SW $\frac{1}{4}$ /SW $\frac{1}{4}$ /NE $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E. Section 36	LRG-4793-S	1955	300
3 McKinley	NE $\frac{1}{4}$ /NW $\frac{1}{4}$ /SE $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E. Section 35	LRG-4793-S-2	1999	500
4 Van Buren	SW $\frac{1}{4}$ /NE $\frac{1}{4}$ /NW $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E. Section 36	LRG-4793-S-3	about 1955	250
5 Dos Lagos	SW $\frac{1}{4}$ /NE $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E. Section 26	LRG-4793-S-4	1969	249
6 Gillette	SE $\frac{1}{4}$ /SW $\frac{1}{4}$ /NE $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E. Section 26	LRG-4793-S-8	1999	500
7 OHara Park	NE $\frac{1}{4}$ /SW $\frac{1}{4}$ /SE $\frac{1}{4}$ , Sec. 36, T. 26 S., R. 3 E. Section 23	LRG-4793-S-7	1981	244



# New Mexico Office of the State Engineer

## Water Right Summary


[get image list](#)
**WR File Number:** LRG 04793

**Primary Purpose:** MUN MUNICIPAL - CITY OR COUNTY SUPPLIED WATER

**Primary Status:** PMT PERMIT

**Total Acres:** 0

**Total Diversion:** 2244.9 acre-ft per annum

**Owner:** ANTHONY WATER SANITATION DIST

**Contact:** JOSE TERRONES

**Documents on File**

	Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
				1	2					
<a href="#">get images</a>	513792	ADM	2012-08-03	PMT	LOG	PLUGGING PLAN S-3	T	0	0	
<a href="#">get images</a>	513791	ADM	2012-08-03	PMT	LOG	PLUGGING PLAN	T	0	0	
	522839	RFP	2012-06-15	APP	RCV	LRG-4793	T	0	0	
<a href="#">get images</a>	450592	CLW	2010-05-21	PMT	PCW	POD14 ET PCW	T	0	0	
<a href="#">get images</a>	450592	CLW	2010-05-21	PMT	PCW	POD14 ET PCW	F	0	0	
<a href="#">get images</a>	449778	CLW	2010-05-21	PMT	PCW	POD13 ET PCW	T	0	0	
<a href="#">get images</a>	449778	CLW	2010-05-21	PMT	PCW	POD13 ET PCW	F	0	0	
<a href="#">get images</a>	337177	CLWPP	2006-05-24	PMT	ET	PBU ET ONLY	T	0	10	
<a href="#">get images</a>	296816	CLWPP	2004-08-06	PMT	ET	LRG-6759-D INTO LRG-4793	T	0	9	
<a href="#">get images</a>	240107	CLW	2002-07-10	PMT	PCW	S-2 ET PCW	T	0	0	
<a href="#">get images</a>	240107	CLW	2002-07-10	PMT	PCW	S-2 ET PCW	F	0	0	
<a href="#">get images</a>	237886	CLW	2002-07-10	PMT	ET	PBU ET ONLY	T	0	0	
<a href="#">get images</a>	237886	CLW	2002-07-10	PMT	ET	PBU ET ONLY	F	0	0	
<a href="#">get images</a>	153734	SUPPL	2000-09-25	DEN	DEN	LRG 04793-S-10	T	0	0	
<a href="#">get images</a>	153720	SUPPL	2000-09-25	DEN	DEN	LRG 04793-S-9	T	0	0	
<a href="#">get images</a>	153710	COWNF	1993-10-12	CHG	PRC	LRG 04793-S-8	T	0	0	
<a href="#">get images</a>	153709	COWNF	1993-10-12	CHG	PRC	LRG 04793-S-7	T	0	0	
<a href="#">get images</a>	153707	COWNF	1993-10-12	CHG	PRC	LRG 04793-S-4	T	0	0	
<a href="#">get images</a>	153706	COWNF	1993-10-12	CHG	PRC	LRG 04793-S-3	T	0	0	
<a href="#">get images</a>	153704	COWNF	1993-10-12	CHG	PRC	LRG 04793-S-2	T	0	0	
<a href="#">get images</a>	153701	COWNF	1993-10-12	CHG	PRC	LRG 04793-S	T	0	0	
<a href="#">get images</a>	153700	COWNF	1993-10-12	CHG	PRC	LRG 04793	T	0	0	
<a href="#">get images</a>	156835	SUPPL	1990-05-03	PMT	ET	LRG 04793-S-7	T	0	0	
<a href="#">get images</a>	153678	SUPPL	1990-05-03	PMT	ET	LRG 04793 S 8	T	0	2225.9	
<a href="#">get images</a>	153668	SUPPL	1988-07-18	APP	WDR	LRG 04793-S-6	T	0	0	
<a href="#">get images</a>	153663	SUPPL	1988-07-18	APP	WDR	LRG 04793-S-5	T	0	0	
<a href="#">get images</a>	153662	DCL	1988-07-18	DCL	PRC	LRG 04793-S-4-AMENDED	T	0	2225.9	
<a href="#">get images</a>	153652	DCL	1988-07-18	DCL	PRC	LRG 04793-S-3-AMENDED	T	0	2225.9	



# New Mexico Office of the State Engineer

## Point of Diversion Summary


(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

**POD Number**  
LRG 04793 S-7

**Q64 Q16 Q4 Sec Tws Rng**  
2 3 4 23 26S 03E

**X Y**  
348538 3544604\* 

**Driller License:**

**Driller Name:** BALLARD DRILLING CO. INC.

**Drill Start Date:** 07/01/1981

**Drill Finish Date:** 07/01/1981

**Plug Date:**

**Log File Date:**

**PCW Rcv Date:** 04/30/1992

**Source:** Shallow

**Pump Type:** SUBMER

**Pipe Discharge Size:** 3"

**Estimated Yield:**

**Casing Size:** 12.00

**Depth Well:** 244 feet

**Depth Water:**

**Meter Number:** 9472

**Meter Make:** MCCROMETER

**Meter Serial Number:** 90-3-370

**Meter Multiplier:** 10.0000

**Number of Dials:** 6

**Meter Type:** Diversion

**Unit of Measure:** Gallons

**Return Flow Percent:**

**Usage Multiplier:**

**Reading Frequency:** Monthly

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
02/10/2006	2006	860900	A	mm		0
04/13/2006	2006	866366	A	mm		0.168
05/12/2006	2006	886259	A	mm		0.610
06/08/2006	2006	886287	A	mm		0.001
07/12/2006	2006	886287	A	mm		0
08/11/2006	2006	887080	A	mm		0.024
09/12/2006	2006	887080	A	mm		0
10/16/2006	2006	887080	A	mm		0
11/06/2006	2006	887080	A	mm		0
12/11/2006	2006	887216	A	mm		0.004
02/08/2007	2007	887216	A	mm		0
03/14/2007	2007	887216	A	mm		0
04/12/2007	2007	887216	A	mm		0
05/15/2007	2007	887216	A	mm		0
06/07/2007	2007	887216	A	mm		0
07/12/2007	2007	887216	A	mm		0
08/09/2007	2007	899911	A	mm		0.390
09/11/2007	2007	915003	A	mm		0.463
10/11/2007	2007	920122	A	mm		0.157
11/10/2007	2007	920122	A	mm		0

\*UTM location was derived from PLSS - see Help



**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
12/10/2007	2007	920122	A	mm		0
01/10/2008	2007	920122	A	mm		0
02/06/2008	2008	920417	A	mm		0.009
03/12/2008	2008	920417	A	mm		0
04/11/2008	2008	929124	A	mm		0.267
05/14/2008	2008	960543	A	mm		0.964
06/11/2008	2008	985029	A	mm		0.751
07/10/2008	2008	985029	A	mm		0
08/11/2008	2008	987700	A	mm		0.082
09/10/2008	2008	987700	A	mm		0
09/28/2008	2008	987700	A	rp		0
11/10/2008	2008	987700	A	mm		0
11/28/2008	2008	987700	A	rp		0
01/12/2009	2008	987700	A	mm		0
01/28/2009	2009	987700	A	mm		0
02/28/2009	2009	987700	A	mm		0
03/28/2009	2009	987700	A	mm		0
04/16/2009	2009	987700	A	mm		0
04/28/2009	2009	987700	A	mm		0
05/28/2009	2009	987700	A	mm		0
06/28/2009	2009	987700	A	mm		0
07/28/2009	2009	987700	A	mm		0
08/28/2009	2009	1663	A	mm		0
09/28/2009	2009	1663	A	mm		0
10/28/2009	2009	1663	A	mm		0
11/28/2009	2009	1663	A	mm		0
12/28/2009	2009	1663	A	mm		0
01/28/2010	2010	1663	A	mm		0
02/28/2010	2010	1663	A	mm		0
03/28/2010	2010	1663	A	mm		0
04/28/2010	2010	1663	A	mm		0
05/28/2010	2010	1663	A	mm		0
06/28/2010	2010	1663	A	mm		0
07/28/2010	2010	1663	A	mm		0
08/28/2010	2010	1663	A	mm		0
09/28/2010	2010	1663	A	mm		0
10/28/2010	2010	1663	A	mm		0
11/28/2010	2010	1663	A	mm		0
12/28/2010	2010	1663	A	mm		0
01/28/2011	2011	1663	A	mm		0
02/28/2011	2011	1663	A	mm		0
03/28/2011	2011	1663	A	mm		0

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
04/28/2011	2011	1663	A	mm		0
05/28/2011	2011	1663	A	mm		0
07/28/2011	2011	1663	A	mm		0
08/28/2011	2011	1663	A	mm		0
09/28/2011	2011	1663	A	mm		0
10/28/2011	2011	1663	A	mm		0
11/28/2011	2011	1663	A	mm		0
12/28/2011	2011	1663	A	mm		0
01/28/2012	2012	1663	A	mm		0
02/28/2012	2012	1663	A	mm		0
03/28/2012	2012	1663	A	mm		0
04/28/2012	2012	1663	A	mm		0
05/28/2012	2012	1663	A	mm		0
06/28/2012	2012	1663	A	mm		0
07/28/2012	2012	1663	A	mm		0
08/28/2012	2012	1663	A	mm		0
09/28/2012	2012	1663	A	mm		0
10/28/2012	2012	1663	A	mm		0
11/28/2012	2012	1663	A	mm		0
12/28/2012	2012	1663	A	mm		0
01/28/2013	2013	1663	A	mm		0
02/28/2013	2013	1663	A	mm		0
03/28/2013	2013	1663	A	mm		0
04/28/2013	2013	1663	A	cw		0
05/28/2013	2013	1663	A	cw		0
06/28/2013	2013	1663	A	cw		0
07/28/2013	2013	1663	A	cw		0
08/28/2013	2013	1663	A	cw		0
09/28/2013	2013	1663	A	cw		0
10/28/2013	2013	1663	A	cw		0
11/28/2013	2013	1663	A	cw		0
12/28/2013	2013	1663	A	cw		0
01/28/2014	2014	1663	A	cw		0
02/28/2014	2014	1663	A	cw		0
03/28/2014	2014	1663	A	cw		0
04/28/2014	2014	1663	A	dc		0
05/28/2014	2014	1663	A	dc		0
06/28/2014	2014	1663	A	dc		0
07/28/2014	2014	1663	A	cw		0
08/28/2014	2014	1663	A	cw		0
09/28/2014	2014	1663	A	cw		0
10/28/2014	2014	1663	A	cw		0

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
11/28/2014	2014	1663	A	dc		0
01/28/2015	2015	1663	A	cw		0
02/28/2015	2015	1663	A	ad		0
03/28/2015	2015	1663	A	dc		0
04/28/2015	2015	1663	A	ad		0
05/28/2015	2015	1663	A	dc		0

---

<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2006	0.807
	2007	1.010
	2008	2.073
	2009	0
	2010	0
	2011	0
	2012	0
	2013	0
	2014	0
	2015	0

---

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.





# New Mexico Office of the State Engineer

## Point of Diversion Summary


(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

**POD Number**  
LRG 04793 S-8

**Q64 Q16 Q4 Sec Tws Rng**  
4 3 2 26 26S 03E

**X Y**  
348527 3543600\* 

**Driller License:** 1184

**Driller Name:** COLLIS, ROBERT E.

**Drill Start Date:** 09/13/1999

**Drill Finish Date:** 09/13/1999

**Plug Date:**

**Log File Date:** 07/10/2004

**PCW Rcv Date:** 07/10/2004

**Source:** Shallow

**Pump Type:** SUBMER

**Pipe Discharge Size:** 2"

**Estimated Yield:** 1200 GPM

**Casing Size:** 8.00

**Depth Well:** 520 feet

**Depth Water:** 53 feet

**Water Bearing Stratifications:**

**Top Bottom Description**

300 500 Sandstone/Gravel/Conglomerate

**Meter Number:** 12679

**Meter Make:** NEPTUNECIALT

**Meter Serial Number:** 70272417

**Meter Multiplier:** 1000.0000

**Number of Dials:** 6

**Meter Type:** Diversion

**Unit of Measure:** Gallons

**Return Flow Percent:**

**Usage Multiplier:**

**Reading Frequency:** Monthly

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
02/04/2000	2000	46416	A	mm		0
10/16/2000	2000	55675	A	mm		28.415
11/06/2000	2000	55760	A	mm		0.261
12/07/2000	2000	55861	A	mm		0.310
02/09/2001	2001	57252	A	mm		4.269
03/07/2001	2001	61237	A	mm		12.230
04/04/2001	2001	65193	A	mm		12.141
05/03/2001	2001	70499	A	mm		16.284
06/06/2001	2001	75371	A	mm		14.952
07/05/2001	2001	81377	A	mm		18.432
08/08/2001	2001	85746	A	mm		13.408
09/06/2001	2001	90674	A	mm		15.123
10/03/2001	2001	94577	A	mm		11.978
11/06/2001	2001	97388	A	mm		8.627
12/05/2001	2001	98408	A	mm		3.130
01/04/2002	2001	98408	A	mm		0
02/06/2002	2002	100359	A	mm		5.987

\*UTM location was derived from PLSS - see Help

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
03/04/2002	2002	102848	A	mm		7.638
04/05/2002	2002	105873	A	mm		9.283
05/13/2002	2002	110608	A	mm		14.531
06/04/2002	2002	115010	A	mm		13.509
07/08/2002	2002	120582	A	mm		17.100
08/06/2002	2002	125474	A	mm		15.013
09/09/2002	2002	131149	A	mm		17.416
10/04/2002	2002	135939	A	mm		14.700
11/06/2002	2002	138587	A	mm		8.126
12/05/2002	2002	141330	A	mm		8.418
01/08/2003	2002	144767	A	mm		10.548
02/07/2003	2003	149052	A	mm		13.150
03/06/2003	2003	153803	A	mm		14.580
04/04/2003	2003	157478	A	mm		11.278
05/06/2003	2003	157478	A	mm		0
06/05/2003	2003	166924	A	mm		28.989
07/08/2003	2003	172525	A	mm		17.189
08/06/2003	2003	178269	A	mm		17.628
09/03/2003	2003	184738	A	mm		19.853
10/03/2003	2003	190133	A	mm		16.557
11/05/2003	2003	196840	A	mm		20.583
12/03/2003	2003	202762	A	mm		18.174
01/07/2004	2003	208370	A	mm		17.210
02/03/2004	2004	213039	A	mm		14.329
03/08/2004	2004	219647	A	mm		20.279
04/12/2004	2004	225317	A	mm		17.401
05/07/2004	2004	232005	A	mm		20.525
06/07/2004	2004	238982	A	mm		21.412
07/14/2004	2004	247030	A	mm		24.698
08/05/2004	2004	264018	A	mm		52.134
10/14/2004	2004	271788	A	mm		23.845
11/08/2004	2004	277967	A	mm		18.963
12/06/2004	2004	283592	A	mm		17.262
01/18/2005	2004	289320	A	mm		17.579
02/10/2005	2005	294965	A	mm		17.324
03/07/2005	2005	300259	A	mm		16.247
04/18/2005	2005	306361	A	mm		18.726
05/11/2005	2005	313499	A	mm		21.906
06/07/2005	2005	321150	A	mm		23.480
07/08/2005	2005	328109	A	mm		21.356
08/17/2005	2005	334530	A	mm		19.705
09/12/2005	2005	338622	A	mm		12.558

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
10/11/2005	2005	339941	A	mm		4.048
11/10/2005	2005	340596	A	mm		2.010
12/12/2005	2005	341901	A	mm		4.005
01/11/2006	2005	342717	A	mm		2.504
02/17/2006	2006	346485	A	mm		11.564
03/10/2006	2006	346485	A	mm		0
04/13/2006	2006	346485	A	mm		0
05/12/2006	2006	346485	A	mm		0
06/08/2006	2006	346485	A	mm		0
07/12/2006	2006	346716	A	mm		0.709
08/11/2006	2006	355500	A	mm		26.957
09/12/2006	2006	362186	A	mm		20.519
10/16/2006	2006	368329	A	mm		18.852
11/06/2006	2006	373071	A	mm		14.553
12/11/2006	2006	377310	A	mm		13.009
02/08/2007	2007	388749	A	mm		35.105
03/14/2007	2007	394922	A	mm		18.944
04/12/2007	2007	401449	A	mm		20.031
05/15/2007	2007	409432	A	mm		24.499
06/07/2007	2007	416521	A	mm		21.755
07/12/2007	2007	425656	A	mm		28.034
08/09/2007	2007	434275	A	mm		26.451
09/11/2007	2007	443070	A	mm		26.991
10/11/2007	2007	450522	A	mm		22.869
11/10/2007	2007	458468	A	mm		24.385
12/10/2007	2007	465702	A	mm		22.200
01/10/2008	2007	472643	A	mm		21.301
02/06/2008	2008	480007	A	mm		22.599
03/12/2008	2008	487208	A	mm		22.099
04/11/2008	2008	494484	A	mm		22.329
05/14/2008	2008	502558	A	mm		24.778
06/11/2008	2008	512469	A	mm		30.416
07/10/2008	2008	525044	A	mm		38.591
08/11/2008	2008	534851	A	mm		30.097
09/10/2008	2008	547185	A	mm		37.852
09/28/2008	2008	555518	A	mm		25.573
11/10/2008	2008	563489	A	mm		24.462
11/28/2008	2008	563489	A	mm		0
01/12/2009	2008	578356	A	mm		45.625
01/28/2009	2009	585494	A	mm		21.906
02/28/2009	2009	591582	A	mm		18.683
03/28/2009	2009	595716	A	mm		12.687



**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
04/16/2009	2009	599024	A	mm		10.152
04/28/2009	2009	601583	A	mm		7.853
05/28/2009	2009	608197	A	mm		20.298
06/28/2009	2009	617665	A	mm		29.056
07/28/2009	2009	625384	A	mm		23.689
08/28/2009	2009	634161	A	mm		26.936
09/28/2009	2009	639137	A	mm		15.271
10/28/2009	2009	644039	A	mm		15.044
11/28/2009	2009	646313	A	mm		6.979
12/28/2009	2009	646313	A	mm		0
01/28/2010	2010	647228	A	mm		2.808
02/28/2010	2010	647700	A	mm		1.449
03/28/2010	2010	648568	A	mm		2.664
04/28/2010	2010	649515	A	mm		2.906
05/28/2010	2010	649866	A	mm		1.077
06/28/2010	2010	658991	A	mm		28.004
07/28/2010	2010	666819	A	mm		24.023
08/28/2010	2010	675862	A	mm		27.752
09/28/2010	2010	684202	A	mm		25.595
10/28/2010	2010	690493	A	mm		19.306
11/28/2010	2010	696456	A	mm		18.300
12/28/2010	2010	702938	A	mm		19.893
01/28/2011	2011	710161	A	mm		22.167
02/28/2011	2011	716168	A	mm		18.435
03/28/2011	2011	723038	A	mm		21.083
04/28/2011	2011	731324	A	mm		25.429
05/28/2011	2011	739721	A	mm		25.769
06/28/2011	2011	750432	A	mm		32.871
07/28/2011	2011	759513	A	mm		27.869
08/28/2011	2011	767254	A	mm		23.756
09/28/2011	2011	777102	A	mm		30.222
10/28/2011	2011	787126	A	mm		30.763
11/28/2011	2011	794602	A	mm		22.943
12/28/2011	2011	800585	A	mm		18.361
01/28/2012	2012	803490	A	mm		8.915
02/28/2012	2012	818155	A	mm		45.005
03/28/2012	2012	818453	A	mm		0.915
04/28/2012	2012	829281	A	mm		33.230
05/28/2012	2012	840091	A	mm		33.175
06/28/2012	2012	854091	A	mm		42.964
07/28/2012	2012	867354	A	mm		40.703
08/28/2012	2012	881267	A	mm		42.697

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
09/28/2012	2012	892351	A	mm		34.016
10/28/2012	2012	901393	A	mm		27.749
11/28/2012	2012	910343	A	mm		27.467
12/28/2012	2012	919553	A	mm		28.264
01/28/2013	2013	929907	A	mm		31.775
02/28/2013	2013	940457	A	mm		32.377
03/28/2013	2013	951953	A	mm		35.280
04/28/2013	2013	966851	A	cw		45.720
05/28/2013	2013	978324	A	cw		35.209
06/28/2013	2013	991688	A	cw		41.013
07/28/2013	2013	998481	A	cw		20.847
08/28/2013	2013	3647	R	cw	Meter Rollover	15.854
09/01/2013	2013	5	A	cw	NEW METER INSTALL	0
10/28/2013	2013	5	A	cw		0
11/28/2013	2013	2312	A	cw		7.080
12/28/2013	2013	2819	A	cw		1.556
01/28/2014	2014	2819	A	cw		0
02/28/2014	2014	2819	A	cw		0
03/28/2014	2014	2819	A	cw		0
04/28/2014	2014	2819	A	dc		0
05/28/2014	2014	2819	A	dc		0
06/28/2014	2014	2819	A	dc		0
07/28/2014	2014	2819	A	cw		0
08/28/2014	2014	2819	A	cw		0
09/28/2014	2014	2819	A	cw		0
10/28/2014	2014	2819	A	cw		0
11/28/2014	2014	2819	A	dc		0
12/28/2014	2014	2819	A	ad		0
01/28/2015	2015	2819	A	cw		0
02/28/2015	2015	2819	A	ad		0
03/28/2015	2015	2819	A	dc		0
04/28/2015	2015	2819	A	ad		0
05/28/2015	2015	2819	A	dc		0

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<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2000	28.986
	2001	130.574
	2002	142.269
	2003	195.191
	2004	248.427
	2005	163.869
	2006	106.163

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<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2007	292.565
	2008	324.421
	2009	208.554
	2010	173.777
	2011	299.668
	2012	365.100
	2013	266.711
	2014	0
	2015	0

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# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
LRG 04793 S-4	1	4	26	26S	03E	348422	3543299*	

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**Driller License:****Driller Name:** UNKNOWN**Drill Start Date:** 12/31/1969**Drill Finish Date:** 12/31/1969**Plug Date:****Log File Date:****PCW Rcv Date:****Source:** Shallow**Pump Type:** SUBMER**Pipe Discharge Size:****Estimated Yield:** 100 GPM**Casing Size:** 4.00**Depth Well:** 249 feet**Depth Water:**

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\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>POD Number</b>	<b>Q64 Q16 Q4 Sec Tws Rng</b>	<b>X</b>	<b>Y</b>
LRG 04793 POD13	3 2 1 36 26S 03E	349549	3542461

**Driller License:** 767

**Driller Name:** REICHMUTH, BRUCE J. (LD)

**Drill Start Date:** 01/29/2010

**Drill Finish Date:** 03/26/2010

**Plug Date:**

**Log File Date:** 05/14/2010

**PCW Rcv Date:** 04/02/2013

**Source:** Shallow

**Pump Type:** TURBIN

**Pipe Discharge Size:** 10

**Estimated Yield:** 1000 GPM

**Casing Size:** 13.25

**Depth Well:** 596 feet

**Depth Water:** 74 feet

**Water Bearing Stratifications:**

**Top Bottom Description**

	284	384	Sandstone/Gravel/Conglomerate
	472	572	Sandstone/Gravel/Conglomerate

**Casing Perforations:**

**Top Bottom**

	284	596
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**Meter Number:** 15590

**Meter Make:** NEPTUNE

**Meter Serial Number:** 72013867

**Meter Multiplier:** 1000.0000

**Number of Dials:** 6

**Meter Type:** Diversion

**Unit of Measure:** Gallons

**Return Flow Percent:**

**Usage Multiplier:**

**Reading Frequency:** Monthly

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
08/09/2013	2013	0	A	cw	NEW POD ONLINE	0
08/28/2013	2013	17692	A	cw		54.295
09/28/2013	2013	42924	A	cw		77.434
10/28/2013	2013	62063	A	cw		58.735
11/28/2013	2013	79331	A	cw		52.994
12/28/2013	2013	98287	A	cw		58.174
01/28/2014	2014	122071	A	cw		72.990
02/28/2014	2014	141413	A	cw		59.358
03/28/2014	2014	162285	A	cw		64.054
04/28/2014	2014	185884	A	dc		72.423
05/28/2014	2014	210467	A	dc		75.442
06/28/2014	2014	230484	A	dc		61.430
07/28/2014	2014	256832	A	cw		80.859
08/28/2014	2014	279985	A	cw		71.054

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
09/28/2014	2014	302464	A	cw		68.986
10/28/2014	2014	323985	A	cw		66.046
11/28/2014	2014	342933	A	dc		58.149
12/28/2014	2014	355334	A	ad		38.057
01/28/2015	2015	367619	E	cw	AVG. -METER BROKE	37.700
02/18/2015	2015	0	A	ad	INITIAL RDGS	0
04/23/2015	2015	45687	A	ad	NEW METER CHECK	140.208
04/28/2015	2015	49197	A	ad		10.772
05/28/2015	2015	74047	A	dc		76.262

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<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2013	301.632
	2014	788.848
	2015	264.942

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# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

**POD Number**                      **Q64 Q16 Q4 Sec Tws Rng**                      **X**                      **Y**  
 LRG 04793 S-2                      4    1    2    35   26S   03E                      348550    3541682

**Driller License:** 1184

**Driller Name:** COLLIS, ROBERT E.

**Drill Start Date:** 09/13/1999

**Drill Finish Date:** 12/31/1955

**Plug Date:**

**Log File Date:** 07/10/2004

**PCW Rcv Date:** 04/02/2013

**Source:** Shallow

**Pump Type:** TURBIN

**Pipe Discharge Size:** 8

**Estimated Yield:** 300 GPM

**Casing Size:** 8.00

**Depth Well:** 300 feet

**Depth Water:** 52 feet

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	280	480	Sandstone/Gravel/Conglomerate

<b>Meter Number:</b>	3614	<b>Meter Make:</b>	NEPTUNE
<b>Meter Serial Number:</b>	70272420	<b>Meter Multiplier:</b>	1000.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Gallons	<b>Return Flow Percent:</b>	
<b>Usage Multiplier:</b>		<b>Reading Frequency:</b>	Monthly

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
02/04/2000	2000	34309	A	mm		0
10/16/2000	2000	72830	A	mm		118.217
11/06/2000	2000	76547	A	mm		11.407
12/07/2000	2000	79732	A	mm		9.774
02/09/2001	2001	88476	A	mm		17.597
03/09/2001	2001	99161	A	mm		32.791
04/04/2001	2001	109130	A	mm		30.594
05/03/2001	2001	123526	A	mm		44.180
06/06/2001	2001	137759	A	mm		43.679
07/05/2001	2001	153956	A	mm		49.707
08/08/2001	2001	166896	A	mm		39.711
09/06/2001	2001	179757	A	mm		39.469
10/03/2001	2001	191745	A	mm		36.790
11/06/2001	2001	199960	A	mm		25.211
12/05/2001	2001	203014	A	mm		9.372
01/04/2002	2001	203015	A	mm		0.003
02/06/2002	2001	208568	A	mm		17.042



**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
03/04/2002	2002	215644	A	mm		21.715
04/05/2002	2002	224286	A	mm		26.521
05/13/2002	2002	237863	A	mm		41.666
06/04/2002	2002	250823	A	mm		39.773
07/08/2002	2002	268330	A	mm		53.727
08/06/2002	2002	283508	A	mm		46.580
09/09/2002	2002	300657	A	mm		52.628
10/04/2002	2002	315061	A	mm		44.204
11/06/2002	2002	324066	A	mm		27.635
12/05/2002	2002	331991	A	mm		24.321
01/08/2003	2002	341988	A	mm		30.680
02/07/2003	2003	354253	A	mm		37.640
03/06/2003	2003	365667	A	mm		35.028
04/04/2003	2003	376801	A	mm		34.169
05/06/2003	2003	391360	A	mm		44.680
06/05/2003	2003	407793	A	mm		50.431
07/08/2003	2003	425892	A	mm		55.544
08/06/2003	2003	445446	A	mm		60.009
09/03/2003	2003	463930	A	mm		56.725
10/03/2003	2003	480467	A	mm		50.750
11/05/2003	2003	500073	A	mm		60.169
12/03/2003	2003	517729	A	mm		54.184
01/07/2004	2003	533230	A	mm		47.571
02/03/2004	2004	548587	A	mm		47.129
03/08/2004	2004	563852	A	mm		46.847
04/12/2004	2004	579373	A	mm		47.632
05/07/2004	2004	597486	A	mm		55.587
06/07/2004	2004	615351	A	mm		54.826
07/14/2004	2004	635393	A	mm		61.507
08/05/2004	2004	658549	A	mm		71.063
09/15/2004	2004	677053	A	mm		56.787
10/14/2004	2004	697660	A	mm		63.241
11/08/2004	2004	713758	A	mm		49.403
12/06/2004	2004	727995	A	mm		43.692
01/18/2005	2004	742063	A	mm		43.173
02/10/2005	2005	755972	A	mm		42.685
03/07/2005	2005	769439	A	mm		41.329
04/18/2005	2005	784657	A	mm		46.702
05/11/2005	2005	804108	A	mm		59.693
06/07/2005	2005	825651	A	mm		66.113
07/08/2005	2005	849838	A	mm		74.227
08/17/2005	2005	874086	A	mm		74.414

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
09/12/2005	2005	891888	A	mm		54.632
10/11/2005	2005	911979	A	mm		61.657
11/10/2005	2005	930912	A	mm		58.103
12/12/2005	2005	946750	A	mm		48.605
01/11/2006	2005	961437	A	mm		45.073
02/17/2006	2006	967640	A	mm		19.036
03/10/2006	2006	983606	A	mm		48.998
04/13/2006	2006	996549	A	mm		39.721
05/12/2006	2006	15640	R	mm	Meter Rollover	58.588
06/08/2006	2006	37927	A	mm		68.396
07/12/2006	2006	68620	A	mm		94.193
08/11/2006	2006	88314	A	mm		60.439
09/12/2006	2006	101042	A	mm		39.061
10/16/2006	2006	112831	A	mm		36.179
11/06/2006	2006	122832	A	mm		30.692
12/11/2006	2006	133588	A	mm		33.009
02/08/2007	2007	158274	A	mm		75.759
03/14/2007	2007	171372	A	mm		40.196
04/12/2007	2007	185427	A	mm		43.133
05/15/2007	2007	202231	A	mm		51.570
06/07/2007	2007	218444	A	mm		49.756
07/12/2007	2007	239554	A	mm		64.784
08/09/2007	2007	259419	A	mm		60.963
09/11/2007	2007	279277	A	mm		60.942
10/11/2007	2007	297857	A	mm		57.020
11/09/2007	2007	315840	A	mm		55.188
12/12/2007	2007	332161	A	mm		50.087
01/10/2008	2007	346177	A	mm		43.014
02/06/2008	2008	361547	A	mm		47.169
03/12/2008	2008	377600	A	mm		49.265
04/11/2008	2008	393879	A	mm		49.958
05/14/2008	2008	414614	A	mm		63.633
06/11/2008	2008	436586	A	mm		67.430
07/10/2008	2008	462706	A	mm		80.159
08/12/2008	2008	483745	A	mm		64.566
09/10/2008	2008	503063	A	mm		59.285
09/28/2008	2008	521329	A	rp		56.056
11/10/2008	2008	537994	A	mm		51.143
11/28/2008	2008	553110	A	rp		46.389
01/12/2009	2008	566804	A	mm		42.025
01/28/2009	2009	582197	A	mm		47.239
02/28/2009	2009	600172	A	mm		55.163

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
03/28/2009	2009	619080	A	mm		58.027
04/16/2009	2009	634019	A	mm		45.846
04/28/2009	2009	643583	A	mm		29.351
05/28/2009	2009	671239	A	mm		84.873
06/28/2009	2009	696819	A	mm		78.502
07/28/2009	2009	724435	A	mm		84.750
08/28/2009	2009	754077	A	mm		90.968
09/28/2009	2009	781420	A	mm		83.913
10/28/2009	2009	803145	A	mm		66.672
11/28/2009	2009	824931	A	mm		66.859
12/28/2009	2009	847232	A	mm		68.439
01/28/2010	2010	870521	A	mm		71.471
02/28/2010	2010	892615	A	mm		67.804
03/28/2010	2010	914375	A	mm		66.779
04/28/2010	2010	943611	A	mm		89.722
05/28/2010	2010	966300	A	mm		69.630
06/28/2010	2010	11117	R	mm	Meter Rollover	137.538
07/28/2010	2010	39503	A	mm		87.113
08/28/2010	2010	67719	A	mm		86.592
09/28/2010	2010	92794	A	mm		76.952
10/28/2010	2010	117140	A	mm		74.715
11/28/2010	2010	137338	A	mm		61.985
12/28/2010	2010	153894	A	mm		50.808
01/28/2011	2011	170694	A	mm		51.557
02/28/2011	2011	192535	A	mm		67.028
03/28/2011	2011	213750	A	mm		65.106
04/28/2011	2011	239838	A	mm		80.061
05/28/2011	2011	266636	A	mm		82.240
06/28/2011	2011	297661	A	mm		95.212
07/28/2011	2011	329918	A	mm		98.993
08/28/2011	2011	362517	A	mm		100.043
09/28/2011	2011	390660	A	mm		86.368
10/28/2011	2011	411874	A	mm		65.103
11/28/2011	2011	428624	A	mm		51.404
12/28/2011	2011	445445	A	mm		51.622
01/28/2012	2012	467333	A	mm		67.172
02/28/2012	2012	485185	A	mm		54.786
03/28/2012	2012	503158	A	mm		55.157
04/28/2012	2012	527475	A	mm		74.626
05/28/2012	2012	551523	A	mm		73.801
06/28/2012	2012	580302	A	mm		88.320
07/28/2012	2012	612020	A	rs	ESTIMATED USE, METER	97.340

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
					BROKE	
08/02/2012	2012	0	A	rs	NEW METER	0
08/28/2012	2012	19591	A	rs		60.123
09/28/2012	2012	42088	A	rs		69.041
10/28/2012	2012	60336	A	rs		56.001
11/28/2012	2012	75364	A	rs		46.119
12/28/2012	2012	88140	A	rs		39.208
01/28/2013	2013	101318	A	rs		40.442
02/28/2013	2013	114930	A	rs		41.774
03/28/2013	2013	129044	A	rs		43.314
04/28/2013	2013	146357	A	rs		53.132
05/28/2013	2013	153579	A	rs		22.164
06/28/2013	2013	160964	A	rs		22.664
07/28/2013	2013	171472	A	rs		32.248
08/28/2013	2013	176523	A	rs		15.501
09/01/2013	2013	44	A	rs	NEW METER, INITIAL READING	0
09/28/2013	2013	266	A	rs		0.681
10/28/2013	2013	266	A	rs		0
11/28/2013	2013	3490	A	rs		9.894
12/28/2013	2013	3831	A	rs		1.046
01/28/2014	2014	4239	A	rs		1.252
02/28/2014	2014	5717	A	rs		4.536
03/28/2014	2014	7114	A	rs		4.287
04/28/2014	2014	9343	A	rs		6.841
05/28/2014	2014	17730	A	rs		25.739
06/28/2014	2014	35001	A	rs		53.003
07/28/2014	2014	38744	A	rs		11.487
08/28/2014	2014	51610	A	cw		39.484
09/28/2014	2014	55621	A	cw		12.309
10/28/2014	2014	64402	A	cw		26.948
11/28/2014	2014	72165	A	dc		23.824
12/28/2014	2014	79986	A	ad		24.002
01/28/2015	2015	80009	A	cw		0.071
02/28/2015	2015	80009	A	ad		0
03/28/2015	2015	88237	A	dc		25.251
04/28/2015	2015	94835	A	ad		20.249
05/28/2015	2015	107065	A	dc		37.532

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**YTD Meter Amounts:	Year	Amount
	2000	148.635
	2001	386.146
	2002	409.450



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<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2003	586.900
	2004	640.887
	2005	673.233
	2006	528.312
	2007	652.412
	2008	677.078
	2009	860.602
	2010	941.109
	2011	894.737
	2012	781.694
	2013	282.860
	2014	233.712
	2015	83.103

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<b>Meter Number:</b>	14143	<b>Meter Make:</b>	DREXELEBROOK
<b>Meter Serial Number:</b>	16769	<b>Meter Multiplier:</b>	1000.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Return Flow
<b>Unit of Measure:</b>	Gallons	<b>Return Flow Percent:</b>	100.00
<b>Usage Multiplier:</b>		<b>Reading Frequency:</b>	Monthly

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**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
01/01/2004	2004	266275	A	mm		0
02/01/2004	2004	282051	A	mm		48.415
03/01/2004	2004	297001	A	mm		45.880
04/01/2004	2004	312774	A	mm		48.406
05/01/2004	2004	328367	A	mm		47.853
06/01/2004	2004	346808	A	mm		56.593
07/01/2004	2004	363826	A	mm		52.226
08/01/2004	2004	381553	A	mm		54.402
08/27/2004	2004	397160	A	mm		47.896
08/28/2004	2004	277	A	mm		0
09/01/2004	2004	2682	A	mm		7.381
10/01/2004	2004	20207	A	mm		53.782
11/01/2004	2004	37041	A	mm		51.662
12/01/2004	2004	52345	A	mm		46.966
12/31/2004	2004	66821	A	mm		44.425
01/01/2005	2005	67333	A	mm		1.571
02/01/2005	2005	82802	A	mm		47.473
03/01/2005	2005	96505	A	mm		42.053
04/01/2005	2005	111853	A	mm		47.101
05/01/2005	2005	126876	A	mm		46.104
06/01/2005	2005	143069	A	mm		49.694

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
07/01/2005	2005	158954	A	mm		48.749
08/01/2005	2005	175835	A	mm		51.806
09/01/2005	2005	193757	A	mm		55.001
10/01/2005	2005	210383	A	mm		51.023
11/01/2005	2005	226954	A	mm		50.855
12/01/2005	2005	242579	A	mm		47.951
12/31/2005	2005	257155	A	mm		44.732
01/01/2006	2006	257654	A	mm		1.531
02/01/2006	2006	272733	A	mm		46.276
03/01/2006	2006	286654	A	mm		42.722
04/01/2006	2006	302448	A	mm		48.470
05/01/2006	2006	318521	A	mm		49.326
06/01/2006	2006	335084	A	mm		50.830
07/01/2006	2006	351523	A	mm		50.449
07/02/2006	2006	352095	A	mm		1.755
08/01/2006	2006	370321	A	mm		55.934
09/01/2006	2006	390005	A	mm		60.408
10/01/2006	2006	408405	A	mm		56.468
11/01/2006	2006	424854	A	mm		50.480
12/01/2006	2006	440844	A	mm		49.072
12/31/2006	2006	456134	A	mm		46.923
01/01/2007	2007	456653	A	mm		1.593
02/01/2007	2007	472453	A	mm		48.488
03/01/2007	2007	486958	A	mm		44.514
04/01/2007	2007	503293	A	mm		50.130
05/01/2007	2007	519223	A	mm		48.887
06/30/2007	2007	536128	A	mm		51.880
07/01/2007	2007	536681	A	mm		1.697
07/31/2007	2007	553204	A	mm		50.707
08/01/2007	2007	573366	A	mm		61.875
08/31/2007	2007	592069	A	mm		57.397
09/01/2007	2007	592681	A	mm		1.878
09/30/2007	2007	609984	A	mm		53.101
10/01/2007	2007	610632	A	mm		1.989
10/31/2007	2007	628222	A	mm		53.982
11/01/2007	2007	628222	A	mm		0
11/30/2007	2007	644099	A	mm		48.725
12/01/2007	2007	644579	A	mm		1.473
12/31/2007	2007	660731	A	mm		49.569
01/01/2008	2008	661324	A	mm		1.820
01/31/2008	2008	676969	A	mm		48.013
02/01/2008	2008	677537	A	mm		1.743

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
02/29/2008	2008	693236	A	mm		48.178
03/01/2008	2008	693783	A	mm		1.679
03/31/2008	2008	710167	A	mm		50.281
04/01/2008	2008	710678	A	mm		1.568
04/30/2008	2008	726213	A	mm		47.675
05/01/2008	2008	726766	A	mm		1.697
05/30/2008	2008	742985	A	mm		49.774
06/02/2008	2008	744564	A	mm		4.846
06/30/2008	2008	760033	A	mm		47.473
07/01/2008	2008	760606	A	mm		1.758
07/31/2008	2008	778832	A	mm		55.934
08/01/2008	2008	779452	A	mm		1.903
08/31/2008	2008	797144	A	mm		54.295
09/01/2008	2008	797675	A	mm		1.630
09/29/2008	2008	813866	A	mm		49.688
10/01/2008	2008	815564	A	mm		5.211
10/31/2008	2008	831280	A	mm		48.231
11/01/2008	2008	831790	A	mm		1.565
11/30/2008	2008	847263	A	mm		47.485
12/01/2008	2008	847502	A	mm		0.733
12/31/2008	2008	862918	A	mm		47.310
01/02/2009	2009	863893	A	mm		2.992
01/31/2009	2009	879014	A	mm		46.405
02/01/2009	2009	879545	A	mm		1.630
02/28/2009	2009	895150	A	mm		47.890
03/01/2009	2009	895618	A	mm		1.436
03/02/2009	2009	896178	A	mm		1.719
03/31/2009	2009	912156	A	mm		49.035
04/01/2009	2009	912173	A	mm		0.052
04/29/2009	2009	927352	A	mm		46.583
05/01/2009	2009	928473	A	mm		3.440
05/31/2009	2009	945565	A	mm		52.453
06/01/2009	2009	946299	A	mm		2.253
06/30/2009	2009	963466	A	mm		52.684
07/31/2009	2009	981458	A	mm		55.215
08/31/2009	2009	998877	A	mm		53.457
09/15/2009	2009	7392	R	mm	Meter Rollover	26.132
09/16/2009	2009	603	A	mm		0
09/30/2009	2009	8817	A	mm		25.208
10/31/2009	2009	13766	A	mm		15.188
11/28/2009	2009	29000	A	mm		46.751
11/30/2009	2009	30306	A	mm		4.008

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
12/31/2009	2009	49305	A	mm		58.306
01/01/2010	2010	65009	A	mm		48.194
02/01/2010	2010	65569	A	mm		1.719
02/28/2010	2010	80113	A	mm		44.634
03/01/2010	2010	80576	A	mm		1.421
03/31/2010	2010	95131	A	mm		44.668
04/01/2010	2010	95527	A	mm		1.215
04/30/2010	2010	110669	A	mm		46.469
05/01/2010	2010	111124	A	mm		1.396
05/31/2010	2010	127683	A	mm		50.818
06/01/2010	2010	128259	A	mm		1.768
06/30/2010	2010	144170	A	mm		48.829
08/02/2010	2010	163398	A	mm		59.009
08/31/2010	2010	181052	A	mm		54.178
09/01/2010	2010	181686	A	mm		1.946
09/30/2010	2010	200403	A	mm		57.440
10/28/2010	2010	224993	A	mm		75.464
11/28/2010	2010	245449	A	mm		62.777
12/28/2010	2010	260419	A	mm		45.941
01/31/2011	2011	278998	A	mm		57.017
02/01/2011	2011	279557	A	mm		1.716
03/01/2011	2011	294531	A	mm		45.954
03/28/2011	2011	310652	A	mm		49.474
04/28/2011	2011	326914	A	mm		49.906
05/28/2011	2011	344198	A	mm		53.043
06/28/2011	2011	364754	A	mm		63.084
07/31/2011	2011	382546	A	mm		54.602
08/31/2011	2011	403270	A	mm		63.600
09/30/2011	2011	420290	A	mm		52.232
10/31/2011	2011	436798	A	mm		50.661
11/30/2011	2011	453298	A	mm		50.637
12/31/2011	2011	469778	A	mm		50.575
01/31/2012	2012	486124	A	mm		50.164
02/28/2012	2012	499886	A	mm		42.234
03/31/2012	2012	517597	A	mm		54.353
04/30/2012	2012	532358	A	mm		45.300
05/30/2012	2012	549179	A	mm		51.622
06/30/2012	2012	565053	A	mm		48.716
07/31/2012	2012	582769	A	mm		54.368
08/31/2012	2012	601504	A	mm		57.496
09/30/2012	2012	617919	A	mm		50.376
10/31/2012	2012	634530	A	mm		50.977



**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
11/30/2012	2012	649913	A	mm		47.209
12/31/2012	2012	665431	A	mm		47.623
01/31/2013	2013	681021	A	mm		47.844
02/28/2013	2013	695351	A	mm		43.977
03/31/2013	2013	710266	A	mm		45.772
04/30/2013	2013	725352	A	cw		46.297

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<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2004	605.887
	2005	584.113
	2006	610.644
	2007	627.885
	2008	620.490
	2009	592.837
	2010	647.886
	2011	642.501
	2012	600.438
	2013	183.890


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# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
LRG 04793 S	3	3	2	36	26S	03E	349911	3541967* 

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**Driller License:****Driller Name:** UNKNOWN**Drill Start Date:** 12/31/1955**Drill Finish Date:** 12/31/1955**Plug Date:****Log File Date:****PCW Rcv Date:****Source:** Shallow**Pump Type:** SUBMER**Pipe Discharge Size:****Estimated Yield:** 300 GPM**Casing Size:** 8.00**Depth Well:** 300 feet**Depth Water:**

---

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>POD Number</b>	<b>Q64 Q16 Q4 Sec Tws Rng</b>	<b>X</b>	<b>Y</b>
LRG 04793 POD14	1 2 3 36 26S 03E	349469	3541699

<b>Driller License:</b> 767			
<b>Driller Name:</b> REICHMUTH, BRUCE J. (LD)			
<b>Drill Start Date:</b> 02/06/2010	<b>Drill Finish Date:</b> 03/04/2010	<b>Plug Date:</b>	
<b>Log File Date:</b> 05/14/2010	<b>PCW Rcv Date:</b> 04/02/2013	<b>Source:</b> Shallow	
<b>Pump Type:</b> TURBIN	<b>Pipe Discharge Size:</b> 8	<b>Estimated Yield:</b> 1000 GPM	
<b>Casing Size:</b> 13.25	<b>Depth Well:</b> 596 feet	<b>Depth Water:</b> 94 feet	

Water Bearing Stratifications:	Top	Bottom	Description
	284	384	Sandstone/Gravel/Conglomerate
	472	572	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	284	596

<b>Meter Number:</b> 15591	<b>Meter Make:</b> NEPTUNE
<b>Meter Serial Number:</b> 70272419	<b>Meter Multiplier:</b> 1000.0000
<b>Number of Dials:</b> 6	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Gallons	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b> Monthly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
04/28/2013	2013	4	A	cw		0
05/28/2013	2013	15528	A	cw		47.641
06/28/2013	2013	35017	A	cw		59.810
07/28/2013	2013	49763	A	cw		45.254
08/28/2013	2013	58328	A	cw		26.285
09/28/2013	2013	65274	A	cw		21.316
10/28/2013	2013	76119	A	cw		33.282
11/28/2013	2013	79850	A	cw		11.450
12/28/2013	2013	85090	A	cw		16.081
01/28/2014	2014	85415	A	cw		0.997
02/28/2014	2014	92357	A	cw		21.304
03/28/2014	2014	97644	A	cw		16.225
04/28/2014	2014	108352	A	dc		32.862
05/28/2014	2014	114445	A	dc		18.699

**Meter Readings (in Acre-Feet)**

<b>Read Date</b>	<b>Year</b>	<b>Mtr Reading</b>	<b>Flag</b>	<b>Rdr</b>	<b>Comment</b>	<b>Mtr Amount</b>
06/28/2014	2014	122794	A	dc		25.622
07/28/2014	2014	135248	A	cw		38.220
08/28/2014	2014	135706	A	cw		1.406
09/28/2014	2014	144329	A	cw		26.463
10/28/2014	2014	146527	A	cw		6.745
11/28/2014	2014	148745	A	dc		6.807
12/28/2014	2014	148747	A	ad		0.006
01/28/2015	2015	151399	A	cw		8.139
02/28/2015	2015	158634	A	ad		22.203
04/08/2015	2015	159586	A	dc		2.922
04/28/2015	2015	163256	A	ad		11.263
05/28/2015	2015	163256	A	dc		0

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<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2013	261.119
	2014	195.356
	2015	44.527

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Phone: (505) 624-8833  
524-6161

**STATE OF NEW MEXICO**  
**STATE ENGINEER OFFICE**  
**LAS CRUCES**

S.E. REYNOLDS  
STATE ENGINEER

April 26, 1984

530 SO. MELENORES ST.  
P.O. BOX 18518  
LAS CRUCES, NEW MEXICO 88004

FILE: LRG-4793, LRG-4793-S,  
LRG-4793-S-2, LRG-4793-S-3  
and LRG-4793-S-4

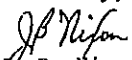
Anthony Water Works, Inc.  
Ralph D. Hartman, President  
P. O. Box 665  
Anthony, New Mexico 88021

Dear Mr. Hartman:

Enclosed are your copies of Declarations of  
Owner of Underground Water Right, which have been  
accepted for filing and given the numbers LRG-4793,  
LRG-4793-S, LRG-4793-S-2, LRG-4793-S-3 and LRG-4793-S-4

Please refer to these numbers in all future  
correspondence concerning these Declarations.

Sincerely,

  
J. B. Nixon  
Engineer, District III

JBN:DN  
Encl: Declarations  
cc: State Engineer

LRG: 4793, FIELD CHECK REPORT  
4793-S, 4793-S-2,

FILE NO. 4793-S-3, 4793-S-4

DATE FIELD CHECKED: 4-19-84

OWNER: ANTHONY  
WATERWORKS INC.

FIELD CHECK BY: T. VALVERDE

WELL LOCATION: LRG-4793: NW NE SW, SEC. 36, T. 26S, R. 3E,

LRG-4793-S: SE SE NW OR SW SW NE, SEC. 36, T. 26S, R. 3E.

LRG-4793-S-2: NE NW SE, SEC. 35, T. 26S, R. 3E.

LRG-4793-S-3: SW NE NW, SEC. 36, T. 26S, R. 3E.

LRG-4793-S-4: CENT. PT. NW SE, SEC. 26, T. 26S, R. 3E.

LAND  
LOCATION: PT. T. 26 & 27S, R. 3E. N.M.D.M.  
DOÑA ANA COUNTY

SUBJECT: DECLARATION

FOUND: WELL LRG-4793 (JAMES SITE)  
W-1

WELL EQUIPMENT:

1. WELL CASING: 12" STEEL

2. PUMP: MAKE-NATIONAL; TYPE-SUBMERSIBLE;  
FRANKLIN 30 H.P. MOTOR

3. DISCHARGE OUTLET: 5"

4. POWER: ELECTRIC

5. DISTRIBUTION SYSTEM: UNDERGROUND LINES, 1-60,000  
+ 1-20,000

AND 1-70,000 GAL. STORAGE TANK; 4 BOOSTER PUMPS: 1-7.5 HP  
MOTOR, 3-3 H.P. MOTORS.

6. USE: MUNICIPAL, DOMESTIC, COMMERCIAL,

INDUSTRIAL & RELATED.

A. THIS WELL AND 4 OTHER WELLS SERVE

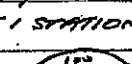
ANTHONY, N.M. AND VICINITY, APPROX. 934 METERED  
CUSTOMERS.

PAGE 1 OF 3

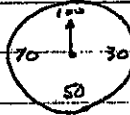
LRG-4793

FOUND: WELL LRG-4793-S (WOODEN TANK SITE)  
W-2

WELL EQUIPMENT:

1. WELL CASING: 8"
2. PUMP: MAKE - JAGUZZI; TYPE - SUBMERSIBLE
3. DISCHARGE SIZE: 4"
4. POWER: MAKE - UNKNOWN; TYPE - 7.5 H.P. ELECTRIC
5. DISTRIBUTION SYSTEM: UNDERGROUND LINES, NO BOOSTER PUMPS, STORAGE TANKS - 1-60,000 GAL.  
1-70,000 GAL.  
1-20,000 GAL.  
A. METER SET: MUESCO; S.N. 779770  
B. READING: 963741  STATIONARY 0

6. USE: SAME AS LRG-4793



DIAL

FOUND: WELL LRG-4793-S-2

"MCKINNEY SITE"

W-3

TRICY

WELL EQUIPMENT:

1. WELL CASING: 8" STEEL
2. PUMP: MAKE - BERKELEY; TYPE - SUBMERSIBLE
3. DISCHARGE OUTLET: 4"
4. POWER: MAKE - FRANKLIN; TYPE - ELECTRIC - H.P. UNKNOWN
5. DISTRIBUTION SYSTEM: SAME; 20,000 GAL. TANK LOCATED AT THIS POINT.
6. USE: SAME AS OTHER WELLS.

LRG-4793

FOUND: WELL LRG-4793-S-3

"VAN BUREN SITE"  
W-4

WELL EQUIPMENT:

1. WELL CASING: 16" (OBLITERATED), COULD NOT VISUALLY INSPECT
2. PUMP: MAKE - BERKELEY; TYPE - SUBMERSIBLE
3. DISCHARGE SIZE: 5"
4. POWER: MAKE - UNKNOWN; TYPE - ELECTRIC, 15 H.P.
5. DISTRIBUTION SYSTEM: SAME AS OTHER WELLS;  
VAN BUREN STORAGE TANK LOCATED CLOSE TO THIS  
WELL SITE; APPROX. 60,000 GAL.
6. USE: SAME AS OTHER WELLS

FOUND: WELL LRG-4793-S-4

"DOS. LAGOS SUBDIVISION"  
W-5

WELL EQUIPMENT:

1. WELL CASING: 4" STEEL
2. PUMP: MAKE - JACUZZI; TYPE - SUBMERSIBLE
3. DISCHARGE SIZE: 2 1/2"
4. POWER: MAKE - UNKNOWN; TYPE - ELECTRIC, 1 H.P.
5. DISTRIBUTION SYSTEM: SAME AS OTHER WELLS,  
125 GAL. PRESSURE TANK.
6. USE: SAME AS OTHER WELLS



WELL No. 1  
JAMES SITE

143223LC - \$1.00

Revised December 1975

IMPORTANT - READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

153040

AMENDED

# Declaration of Owner of Underground Water Right

Lower Rio Grande

BASIN NAME

Declaration No. LRG-4793

Date received July 18, 1988

### STATEMENT

- Name of Declarant: Anthony Water Works, Inc.  
Mailing Address: Box 665, Anthony 88021  
County of: Dona Ana, State of: New Mexico
- Source of water supply: Shallow water aquifer  
(artesian or shallow water aquifer)
- Describe well location under one of the following subdivisions:  
a. NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 36 Twp. 26S Rge. 3E N.M.P.M., in  
Dona Ana County.
- Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N. M. Coordinate System \_\_\_\_\_ Zone  
in the \_\_\_\_\_ Grant.  
On land owned by Declarant
- Description of well: date drilled 1970 driller Shaffer depth 400 feet.  
outside diameter of casing 12 inches; original capacity 600 gal. per min.; present capacity 450  
gal. per min.; pumping lift 126 feet; static water level 58 feet (above) (below) land surface;  
make and type of pump national pump  
make, type, horsepower, etc., of power plant 30 HP Franklin Electric motor  
Fractional or percentage interest claimed in well 100%
- Quantity of water appropriated and beneficially used 2,225.9 (Combined)  
(acre feet per acre) (acre feet per annum)  
for municipal, domestic, commercial, industrial and related purposes.
- Acreage actually irrigated \_\_\_\_\_ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Ranga	Acre Irrigated	Owner
Service Area:		26S	3E		
		27S	3E		
		26S	4E	All in New Mexico	

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

- Water was first applied to beneficial use August 11 1970  
month day year and since that time  
has been used fully and continuously on all of the above described lands or for the above described purposes except  
as follows: \_\_\_\_\_
- Additional statements or explanations: This well is combined with four other wells to  
serve the unincorporated Town of Anthony, New Mexico and vicinity in New Mexico,  
as it exists now and in the future.

I, Ralph D. Hartman, Pres. Anthony Waterworks, Inc. being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

ANTHONY WATER WORKS, INC. Declarant.

by: Ralph D. Hartman, Pres

Subscribed and sworn to before me this 15th day of July, A.D. 1988

My commission expires \_\_\_\_\_ Notary Public



JINA GARCIA

NOTARY PUBLIC - STATE OF NEW MEXICO  
My Commission Expires 1/27/89

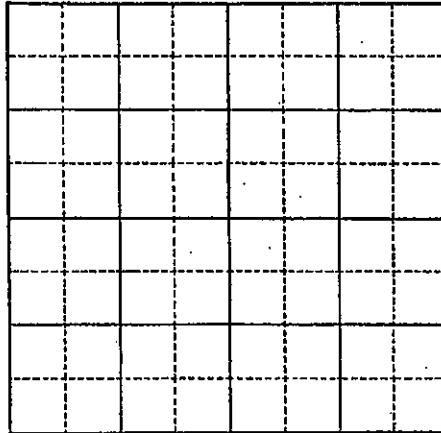
88 JUL 18 PM 1 23

STATE ENGINEER  
LAS CRUCES, N.M.

FILED  
UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM  
ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_ N. T. P. M.



#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest  $2\frac{1}{4}$  acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.



Phone: (505) 524-5161

**STATE OF NEW MEXICO**  
**STATE ENGINEER OFFICE**  
**LAS CRUCES**

S. E. REYNOLDS  
STATE ENGINEER

July 20, 1988

530 SO. MELENDES ST.  
LAS CRUCES, NEW MEXICO 88005

FILES: LRG-4793 thru LRG-4793-S-6

Anthony Water Works, Inc.  
P. O. Box 665  
Anthony, NM 88021

Gentlemen:

Enclosed are your copies of Amended Declarations of Ownership of Water Rights, which have been accepted for filing and given file numbers LRG-4793 Amended, LRG-4793-S Amended, LRG-4793-S-2 Amended, LRG-4793-S-3 Amended and LRG-4793-S-4 Amended. Please note that acceptance for filing does not constitute approval or rejection of these claims.

Please refer to these file numbers in all future correspondence concerning these declared rights.

Also enclosed are Notices for Publication for your applications for supplemental wells, under the above-numbered permits, which shall be published at your expense once each week for three (3) consecutive weeks in a newspaper of general circulation in Dona Ana County. You should see that first publications are made as soon as possible after your receipt of this letter and the notices.

The accuracy as to the contents of these notices is your responsibility and the State Engineer is not obligated for any additional expense incurred by the necessity of readvertisement.

Your rights under these permits will be subject to cancellation September 20, 1988, unless Affidavits of Publication are received in this office by that date.

These notices are not permits and do not necessarily indicate that permits will be granted.

Sincerely,

J. B. Nixon  
Engineer, District 3

JBN:as  
Encl: Declarations & Notices for Publication  
cc: State Engineer

Ruth L. O'Hara  
P.O. Box 193  
Anthony, New Mexico, 88021

July 11, 1988

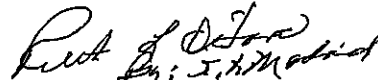
S. E. Reynolds, State Engineer  
Bataan Memorial Building  
Santa Fe, New Mexico 87501

Dear Sir:

I have been asked by Ralph D. Hartman, President of the Anthony Waterworks, Inc. to write this letter to authorize Anthony Waterworks, Inc. to drill 2 wells on my property described as:

Lots 1,2,3,4, N1/2 of Section 32, Township 26 South, Range 4 East, N.M.P.M. containing 404.56 acres more or less, according to the government survey thereof.

Sincerely,

  
Ruth L. O'Hara



IMPORTANT - READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

153650

AMENDED

# Declaration of Owner of Underground Water Right

Lower Rio Grande

BASIN NAME

Declaration No. LRG-4793-S Date received July 18, 1988

### STATEMENT

1. Name of Declarant Anthony Water Works, Inc.  
Mailing Address Box 665, Anthony 88021  
County of Dona Ana, State of New Mexico

2. Source of water supply Shallow water aquifer  
(artesian or shallow water aquifer)

3. Describe well location under one of the following subheadings:  
a. SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Sec. 36 Twp. 26S Rge. 3E N.M.P.M. in  
Dona Ana County.

b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N. M. Coordinate System \_\_\_\_\_ Zone \_\_\_\_\_  
in the \_\_\_\_\_ Grant.  
On land owned by Declarant

4. Description of well: date drilled 1955 driller unknown depth 300 feet.  
outside diameter of casing 8 inches; original capacity 300 gal. per min.; present capacity 50  
gal. per min.; pumping lift 175 feet; static water level 50 feet (above) (below) land surface;  
make and type of pump Jacuzzi submersible  
make, type, horsepower, etc., of power plant 15 HP  
Fractional or percentage interest claimed in well 100%

5. Quantity of water appropriated and beneficially used 2,225.9 (Combined)  
(acre feet per acre) (acre feet per annum)  
for municipal, domestic, commercial, industrial and related purposes.

6. Acreage actually irrigated \_\_\_\_\_ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Irrigated Acres	Owner
<u>Service Area:</u>		<u>26S</u>	<u>3E</u>		
		<u>27S</u>	<u>3E</u>		
		<u>26S</u>	<u>4E</u>		

(Note: location of well and acreage actually irrigated must be shown on plot on reverse side.)

7. Water was first applied to beneficial use 1955 and since that time  
month \_\_\_\_\_ day \_\_\_\_\_ year \_\_\_\_\_  
has been used fully and continuously on all of the above described lands or for the above described purposes except  
as follows: \_\_\_\_\_

8. Additional statements or explanations This well is combined with four other wells to  
serve the unincorporated Town of Anthony, New Mexico and vicinity in New Mexico  
as it exists now and in the future.

UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

1 Ralph D. Hartman, Pres. Anthony Waterworks, Inc. being first duly sworn upon my oath,  
depose and say that the above is a full and complete statement prepared in accordance with the instructions on the re-  
verse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully  
read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

**ANTHONY WATER WORKS, INC.** declarant.

by: Ralph D. Hartman, Pres.

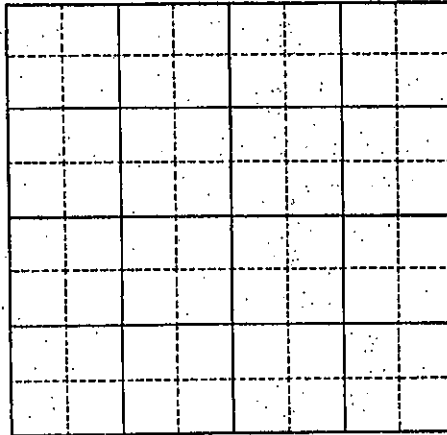
Subscribed and sworn to before me this 15th day of July, A.D. 19 88

My commission expires \_\_\_\_\_  
**OFFICIAL SEAL**  
JINA GARCIA Notary Public

NOTARY PUBLIC - STATE OF NEW MEXICO  
My Commission Expires 1/22/89

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_, N. M. P. M.



#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest  $2\frac{1}{2}$  acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

IMPORTANT - READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM. 153651

AMENDED

# Declaration of Owner of Underground Water Right

Lower Rio Grande

BASIN NAME

Declaration No. LRG-4793-S-2 Date received July 18, 1988

### STATEMENT

- Name of Declarant: Anthony Water Works, Inc.  
Mailing Address: Box 665, Anthony 88021  
County of Dona Ana, State of New Mexico
- Source of water supply: Shallow water aquifer  
(artesian or shallow water aquifer)
- Describe well location under one of the following subheadings:  
a. NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  SE  $\frac{1}{4}$  of Sec. 35 Twp. 26S Rgc. 3E N.M.P.M., in Dona Ana County.  
b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet. N. M. Coordinate System \_\_\_\_\_ Zone \_\_\_\_\_ in the \_\_\_\_\_ Grant.  
On land owned by Declarant
- Description of well: date drilled 1955 driller unknown depth 300 feet.  
outside diameter of casing 8 inches; original capacity 300 gal. per min.; present capacity 100 gal. per min.; pumping lift 125 feet; static water level 78 feet (above) (below) land surface;  
make and type of pump: Berkley submersible  
make, type, horsepower, etc., of power plant: 5HP Franklin motor  
Fractional or percentage interest claimed in well 100%
- Quantity of water appropriated and beneficially used 2,225.9 (Combined)  
(acre feet per acre) (acre feet per annum)  
for municipal, domestic, commercial, industrial and related purposes.
- Acreage actually irrigated \_\_\_\_\_ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner
Service Area:		26S	3E		
		27S	3E	All in New Mexico	
		26S	4E		

(Note: location of well and acreage actually irrigated must be shown on plot on reverse side.)

- Water was first applied to beneficial use August 11 1955 and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: \_\_\_\_\_
- Additional statements or explanations: This well is combined with four other wells to serve the unincorporated Town of Anthony, New Mexico and vicinity in New Mexico, as it exists now and in the future.

Ralph D. Hartman, Pres. Anthony Waterworks, Inc. being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

**ANTHONY WATER WORKS, INC.** declarant.

by: Ralph D. Hartman, Pres

Subscribed and sworn to before me this 15th day of July, A.D. 19 88  
My commission expires \_\_\_\_\_



JINA GARCIA

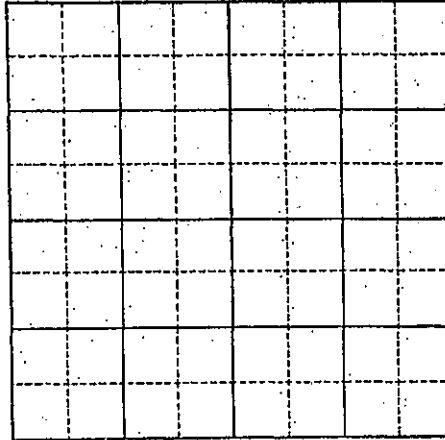
NOTARY PUBLIC - STATE OF NEW MEXICO  
My Commission Expires 1/22/89

FILED  
UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM  
ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM

88 JUL 18 PM 1 23  
STATE ENGINEER  
LAS CRUCES, NM

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ N. T. P. M.



#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest  $2\frac{1}{2}$  acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates, as nearly as possible of any years when, all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.





Phone: (505) 524-8161

**STATE OF NEW MEXICO**  
**STATE ENGINEER OFFICE**  
**LAS CRUCES**

S. E. REYNOLDS  
STATE ENGINEER

July 20, 1988

530 SO. MELENDEZ ST.  
LAS CRUCES, NEW MEXICO 88005

FILES: LRG-4793 thru LRG-4793-S-6

Anthony Water Works, Inc.  
P. O. Box 665  
Anthony, NM 88021

Gentlemen:

Enclosed are your copies of Amended Declarations of Ownership of Water Rights, which have been accepted for filing and given file numbers LRG-4793 Amended, LRG-4793-S Amended, LRG-4793-S-2 Amended, LRG-4793-S-3 Amended and LRG-4793-S-4 Amended. Please note that acceptance for filing does not constitute approval or rejection of these claims.

Please refer to these file numbers in all future correspondence concerning these declared rights.

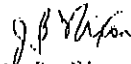
Also enclosed are Notices for Publication for your applications for supplemental wells, under the above-numbered permits, which shall be published at your expense once each week for three (3) consecutive weeks in a newspaper of general circulation in Dona Ana County. You should see that first publications are made as soon as possible after your receipt of this letter and the notices.

The accuracy as to the contents of these notices is your responsibility and the State Engineer is not obligated for any additional expense incurred by the necessity of readvertisement.

Your rights under these permits will be subject to cancellation September 20, 1988, unless Affidavits of Publication are received in this office by that date.

These notices are not permits and do not necessarily indicate that permits will be granted.

Sincerely,

  
J. B. Nixon  
Engineer, District 3

JBN:as  
Encl: Declarations & Notices for Publication  
cc: State Engineer

WELL No. 4  
VAN BUREN

143223LC - \$1.00

Revised December 1975

IMPORTANT - READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

153652

AMENDED

# Declaration of Owner of Underground Water Right

Lower Rio Grande

BASIN NAME

Declaration No. LRG-4793-S-3

Date received July 18, 1988

### STATEMENT

- Name of Declarant: Anthony Water Works, Inc.  
Mailing Address: Box 665, Anthony 88021  
County of Dona Ana, State of New Mexico
- Source of water supply: Shallow water aquifer  
(artesian or shallow water aquifer)
- Describe well location under one of the following subheadings:  
a. SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  of Sec. 36 Twp. 26S Rge. 3E N.M.P.M., in Dona Ana County.  
b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N. M. Coordinate System \_\_\_\_\_ Zone \_\_\_\_\_ in the \_\_\_\_\_ Grant.  
On land owned by Declarant
- Description of well: date drilled about 1955 driller Unknown depth 250 feet.  
outside diameter of casing 16 inches; original capacity 1000 gal. per min.; present capacity 300 gal. per min.; pumping lift 126 feet; static water level 60 feet (above) (below) land surface;  
make and type of pump Berkley submersible  
make, type, horsepower, etc., of power plant 15HP  
Fractional or percentage interest claimed in well 100%
- Quantity of water appropriated and beneficially used 2,225.9 (Combined)  
(acre feet per acre) (acre feet per annum)  
for municipal, domestic, commercial, industrial and related purposes.
- Acreage actually irrigated \_\_\_\_\_ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner
Service Area:		26S	3E		
		27S	3E	All in	New Mexico
		26S	4E		

(Note: location of well and acreage actually irrigated must be shown on plot on reverse side.)

- Water was first applied to beneficial use about 1955 and since that time \_\_\_\_\_  
month \_\_\_\_\_ day \_\_\_\_\_ year  
has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: \_\_\_\_\_
- Additional statements or explanations: This well is combined with four other wells to serve the unincorporated Town of Anthony, New Mexico and vicinity in New Mexico, as it exists now and in the future.

Ralph D. Hartman, Pres. Anthony Waterworks, Inc. being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

ANTHONY WATER WORKS, INC., declarant.

by: Ralph D. Hartman, Pres.

Subscribed and sworn to before me this 15th day of July, A.D. 1988

My commission expires \_\_\_\_\_  
Jina Garcia Notary Public

**OFFICIAL SEAL**  
JINA GARCIA

NOTARY PUBLIC - STATE OF NEW MEXICO  
My Comm. Exp. 1/27

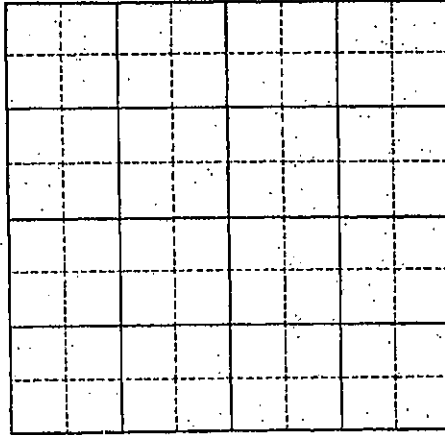
FILED  
UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM.  
IT DOES NOT CONSTITUTE APPROVAL OR REJECTION BY THE STATE ENGINEER.

STATE ENGINEER  
AS ORDERED BY

1988 JUL 10 PM 1 24

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_ N. M. P. M.



#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested:

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest  $2\frac{1}{2}$  acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.



Phone: (505) 524-6161

**STATE OF NEW MEXICO**  
**STATE ENGINEER OFFICE**  
**LAS CRUCES**

S. E. REYNOLDS  
STATE ENGINEER

July 20, 1988

530 SO. MELENDES ST.  
LAS CRUCES, NEW MEXICO 88005

FILES: LRG-4793 thru LRG-4793-S-6

Anthony Water Works, Inc.  
P. O. Box 665  
Anthony, NM 88021

Gentlemen:

Enclosed are your copies of Amended Declarations of Ownership of Water Rights, which have been accepted for filing and given file numbers LRG-4793 Amended, LRG-4793-S Amended, LRG-4793-S-2 Amended, LRG-4793-S-3 Amended and LRG-4793-S-4 Amended. Please note that acceptance for filing does not constitute approval or rejection of these claims.

Please refer to these file numbers in all future correspondence concerning these declared rights.

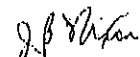
Also enclosed are Notices for Publication for your applications for supplemental wells, under the above-numbered permits, which shall be published at your expense once each week for three (3) consecutive weeks in a newspaper of general circulation in Dona Ana County. You should see that first publications are made as soon as possible after your receipt of this letter and the notices.

The accuracy as to the contents of these notices is your responsibility and the State Engineer is not obligated for any additional expense incurred by the necessity of readvertisement.

Your rights under these permits will be subject to cancellation September 20, 1988, unless Affidavits of Publication are received in this office by that date.

These notices are not permits and do not necessarily indicate that permits will be granted.

Sincerely,

  
J. B. Nixon  
Engineer, District 3

JBN:as  
Encl: Declarations & Notices for Publication  
cc: State Engineer



BEFORE THE NEW MEXICO STATE ENGINEER

2002 JUL 18 PM 12: 21

IN THE MATTER OF THE APPLICATION BY )  
ANTHONY WATER & SANITATION DISTRICT )  
FOR PERMIT TO DRILL REPLACEMENT )  
WELLS WITHIN THE LOWER RIO GRANDE )  
UNDERGROUND WATER BASIN OF )  
NEW MEXICO )

Hearing No. 00-003

OFFICE OF THE  
STATE ENGINEER  
HEARINGS UNIT  
SANTA FE, NM

OSE File No. LRG-4793-S-2  
& LRG-4793-S-8

REPORT AND RECOMMENDATION  
OF THE HEARING EXAMINERS

This matter came on for hearing before Victor Kovach and Louis D. O'Dell, the State Engineer's designated Hearing Examiners, on May 1, 2001 in Las Cruces, New Mexico. The parties appeared as follows: John C. Appel, Esq., Coppler & Mannick, P.C., represented Applicant Anthony Water and Sanitation District; Lee E. Peters, Esq., Hubert & Hernandez, P.A., represented Protestant Elephant Butte Irrigation District; Paul N. Jones, Esq., Eastham, Johnson, Monnheim & Jontz, P.C., represented Protestant Desert Sands Mutual Domestic Water Consumers Association; and, Pierre Levy, Esq., represented the Water Rights Division of the Office of the State Engineer. Having considered the evidence presented, the Hearing Examiners recommend the following Findings and Order.

FINDINGS OF FACT

1. The State Engineer has jurisdiction of the parties and subject matter.
2. On April 13, 1984, Anthony Water Works, Inc. (AWW) filed Declarations of Owner of Underground Water Rights (Declarations) in the Lower Rio Grande Underground Water Basin, claiming ownership of five wells designated LRG-4793 through LRG-4793-S-4 drilled prior to declaration of the Lower Rio Grande Underground Water Basin on September 11, 1980. The declared quantity of ground water to be appropriated and beneficially used was 1,750 acre-feet per year (afy).
3. On July 18, 1988, AWW filed Amended Declarations for the five wells designated LRG-4793 through LRG-4793-S-4 wherein the declared quantity of ground water to be appropriated and beneficially used was 2,225.9 afy from all wells combined with a claimed priority of 1955.

STATE ENGINEER OFFICE  
NEW MEXICO

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4. On February 26, 1990, AWW filed Application for Permits for Supplemental Wells Nos. LRG-4793-S-7 and LRG-4793-S-8. Those applications were approved subject to conditions on May 3, 1990. Condition of Approval 1, for Application For Permit No. LRG-4793-S-8, states the following:

Diversion of water from well LRG-4793-S-8 shall not exceed 100 acre-feet per annum measured at the well and when combined with wells LRG-4793 thru LRG-4793-S-4 and LRG-4793-S-7, total diversion from all wells combined for municipal, domestic, commercial, industrial and related purposes within Townships 26 and 27 South, Range 3 East and Township 26 South, Range 4 East, shall not exceed a total of 2225.9 acre-feet per annum measured at the wells; said 2225.9 acre-feet is recognized as an inchoate water right, only part of which has been applied to beneficial use.

5. The permitted diversion amount for well LRG-4793-S-2 is 290 afy.
6. Anthony Water and Sanitation District (AWSD) subsequently acquired the wells and water rights of AWW and filed Changes of Ownership for wells LRG-4793 thru LRG-4793-S-4, S-7 and S-8 in October of 1993.
7. Since 1993, AWSD has supplied water to the unincorporated town of Anthony, New Mexico and adjacent areas for municipal, domestic, commercial, industrial and related uses.
8. AWSD obtained federal funding in 1996 for the construction of new wells. In 1998, AWSD faced a possible economic loss of over \$500,000 in federal funding if it did not promptly use the funds to complete new wells.
9. By letters dated November 5 and November 30, 1998, AWSD advised the State Engineer that it was drilling replacement wells within 100 feet of existing wells LRG-4793-S-8 and LRG-4793-S-2.
10. On December 1, 1998, AWSD filed Application No. LRG-4793-S-8 with the State Engineer for Permit to Change Location of Well for diversion limited to 800 afy from

- said well for municipal, domestic, commercial, industrial and related uses.
11. On January 29, 1999, AWSD filed Application No. LRG-4793-S-2 with the State Engineer for Permit to Change Location of Well for a diversion limited to 800 afy from said well for municipal, domestic, commercial, industrial and related uses.
  12. By letter dated March 23, 1999, the Office of the State Engineer (OSE) District IV Supervisor notified AWSD that it is limited to a diversion of no more than 100 afy from replacement well LRG-4793-S-8 and 290 afy from replacement well LRG-4793-S-2 until such time as action is taken on the pending Applications.
  13. Affidavits filed on April 29, 1999, indicate that notice of the Applications was published in the *Las Cruces Sun-News*. Protests to the granting of the Applications were received from Elephant Butte Irrigation District (EBID), Desert Sands Mutual Domestic Water Consumers Association (hereinafter "Desert Sands"), Dimas C. & Lilia G. Diaz, Gilbert & Deborah Ann Provencio, and Charles & Carol Ann Bella.
  14. The protests of Dimas C. & Lilia G. Diaz, Gilbert & Deborah Ann Provencio, and Charles & Carol Ann Bella were dismissed pursuant to 19 NMAC.25.2.17 by Order entered in this matter on February 16, 2000.
  15. On December 27, 1999, EBID filed a Motion to Dismiss Applications in Part or to Limit Issues at Hearing in which it contended that (1) the State Engineer is prohibited, by NMSA 1978, Section 72-12-22 (1959), from considering a proposed increase in the amount of water diverted under the subject Applications beyond the amounts permitted at the original wells and (2) the Legal Notices of the Applications did not constructively inform the public that Applicant was seeking an increase in the amount of water to be diverted from wells LRG-4793-S-8 and LRG-4793-S-2.
  16. EBID's Motion to Dismiss Applications in Part or to Limit Issues at Hearing was denied by the Hearing Examiners' Order of April 10, 2000, which is incorporated herein by reference. The proceedings were stayed to allow Applicant an opportunity to republish Legal Notice of the Applications to clarify that the proposed amount of water to be diverted under the Applications is greater than the amount allowed at the original wells.

17. On July 20, 2000, the WRD filed Notice that Applicant had complied with the April 10, 2000 Order along with Affidavits of Publication indicating that revised Legal Notices were published in the *Las Cruces Sun-News*. EBID and Desert Sands submitted letters of protest in response to the republished notice.
18. Replacement wells LRG-4793-S-8 and LRG-4793-S-2 are located within one hundred (100) feet of the original wells LRG-4793-S-8 and LRG-4793-S-2 respectively and are drilled into the same underground basin as the original wells.
19. No party objects to granting the subject Applications for the permitted diversion amounts in the original wells: 100 afy for LRG-4793-S-8 and 290 afy for LRG-4793-S-2. The issue in dispute is the extent to which an increase in diversion up to 800 afy from each of the subject wells is permissible.
20. The original and replacement wells LRG-4793-S-8 and LRG-4793-S-2 are located within an area described as the High Impact Area (HIA) of the Mesilla Valley Administrative Area (MVAA).
21. Administrative objectives, standards and criteria for evaluating water right applications within the MVAA are set forth in the State Engineer's MVAA Guidelines for Review of Water Right Applications (MVAA Guidelines).
22. The objectives of the MVAA Guidelines include protection of existing water rights from impairment, ensuring that an appropriation or change in point of diversion will not be contrary to water conservation within the state or detrimental to the public welfare of the state, protection of water quality for domestic, municipal, agricultural, industrial and other purposes, and ensuring that the existing drain systems will not be impaired.
23. The Rio Grande stream system within the MVAA is defined as including the Rio Grande, irrigation canals and laterals, drains and wasteways.
24. The Rio Grande stream system within the MVAA is fully appropriated.
25. The primary aquifer within the MVAA is a stream-connected system in which ground water withdrawals ultimately result in depletions of the surface water sources.
26. Applications for proposed wells that would result in increased groundwater diversions within the MVAA must be carefully evaluated to determine the



corresponding effect on the Rio Grande stream system, existing surface water rights and the State's deliveries under the Rio Grande Compact.

27. Although AWSD has declared a diversion right in the amount of 2,225.9 afy, the maximum amount of groundwater that Applicant has diverted for beneficial use from all of its permitted and declared wells combined is 1,160.55 afy.
28. The MVAA Guidelines provide that surface water depletions of less than 0.10 afy due to a proposed appropriation are acceptable and require no offset. Applications within the MVAA that cause surface water depletions in excess of 0.10 afy in any year must offset 100% of those depletions prior to commencement of the associated ground water withdrawal, unless a proposed water right transfer results in an increased calculated surface water depletion of less than 3% of the total amount of groundwater diverted.
29. WRD's expert hydrologist, Michael S. Johnson, conducted a hydrological evaluation of the subject Applications using a superposition version of a calibrated ground water flow model of the Mesilla Basin (the OSELRG Model) and the Theis equation in accordance with the MVAA Guidelines.
30. WRD's hydrologic evaluation utilizes a baseline ground water diversion scenario wherein 2,225.9 afy is diverted from all of AWSD's permitted wells combined, including the diversions at the original wells LRG-4793-S-8 and LRG-4793-S-2 being limited to 100 afy and 290 afy respectively. The simulated effects of pumping 2,225.9 afy, as proposed under the Application scenario, wherein diversions at each of the two replacement wells are increased to 800 afy beginning in 1999, is compared to the simulated effects of pumping 2,225.9 afy under the baseline scenario to obtain "net" surface water depletion amounts.
31. Under both the Application and baseline scenarios WRD's evaluation assumes historical pumping of 2,225.9 afy from the year 1955 when the first AWSD wells were drilled.
32. Simulated surface water depletions resulting from increasing diversions to 800 afy at each of the replacement wells would temporarily exceed the simulated depletions under the baseline conditions described in Findings 30 and 31 above.

33. Simulated net surface water depletions resulting from increasing diversions at replacement well LRG 4793-S-8 would equal 7.0% of the diversion amount as calculated for 1999, decreasing to 0.2% by the year 2008.
34. Simulated net surface water depletions resulting from increasing diversions at replacement well LRG-4793-S-2 would equal 5.8% of the diversion amount as calculated for 1999, decreasing to 0.2% by the year 2005.
35. Simulated net surface water depletions due to the combined effect of diverting 800 afy from each of the replacement wells LRG-4793-S-8 and LRG-4793-S-2, as calculated for 1999, are set forth in Table 12 of WR-1 as follows:

<u>Year</u>	<u>afy</u>	<u>% of diversion</u>
1999	285	12.8
2000	229	10.3
2001	155	07.0
2002	104	04.7
2003	68	03.0
2004	44	02.0
2005	27	01.2
2006	16	00.7
2007	9	00.4
2008	4	00.2
2009	0	00.0

36. Simulated net surface water depletions are not significantly reduced by varying the historic pumping to levels that more accurately reflect actual pumping since 1955 and incrementally increasing future pumping to 2,225.9 afy in 2009.
37. The granting of the subject Applications for a diversion of 800 afy from each of the subject wells, under any historical pumping assumption presented at the Hearing, would cause increased net depletion to the Rio Grande of greater than 3% of the total amount of water diverted.
38. WRD's figures for net surface water depletions are based upon a comparison of the simulated effects of pumping 2,225.9 afy from differing well configurations. The

figures do not represent the actual "gross" amount of surface water depletion that would result from increasing actual diversions from AWSD's wells above the maximum historic amount of 1,160.55 afy up to 2,225.9 afy.

39. Granting the subject Applications for a diversion of 800 afy from each of the subject wells will increase depletions to the surface water supply of the Rio Grande stream system. To the extent that AWSD's groundwater diversions deplete the surface water supply and impair existing water rights senior to AWSD priority administration will require either curtailment of AWSD's diversions or AWSD's acquisition of adequate surface water to replace the resulting depletions. The timely acquisition of surface water to replace depletions and prevent impairment of existing water rights within the Lower Rio Grande stream system will allow for out of priority groundwater diversions by AWSD.\*
40. The increased depletion to the Rio Grande stream system resulting from an increase in diversions at wells LRG-4793-S-8 and LRG-4793-S-2 would be reduced to the extent that AWSD limits its ground water diversions from other wells and maintains its total annual diversion from all of its wells combined at historic levels. In that regard, Section C(16) of the MVAA Guidelines suggests that an increase in the diversion amounts at the subject wells may be considered to the extent that the combined diversion from all AWSD's wells do not exceed the amount of water that has been placed to beneficial use by AWSD.
41. Allowing an increase in the diversion amounts at the subject wells would not significantly increase existing impacts on surface water rights on the Lower Rio Grande, provided that the total combined diversion from all AWSD's wells does not exceed the amount of water that AWSD has put to beneficial use: 1,160.55 afy.
42. In evaluating the effect of a proposed diversion on wells of other ownership, the MVAA Guidelines provide that an average annual local ground water level decline rate of 1.0 afy or less, due to a proposed appropriation in combination with the exercise of existing water rights, is considered acceptable.

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\* "Surface water" acquisition may be by either the purchase and transfer of surface water rights, the purchase or lease of the rights to the delivery of surface water, or the lease of surface water rights.

43. Estimates of drawdowns at the nearest wells of other ownership, caused by the simultaneous diversion of 800 afy from each of the subject wells in combination with the exercise of existing rights, are less than 25 feet in 100 years as calculated by Theis analytical methodology. Use of Theis methodology is consistent with MVAAGuidelines and the estimated drawdowns are within the stated acceptable average annual standard rate of 1.0 afy.
44. The nearest wells of other ownership to AWSD's well LRG-4793-S-8 include domestic well No. LRG-3354, located approximately 780 feet distant, and well No. LRG-5037-S, a public supply well owned by Desert Sands, located approximately 1,680 feet distant.
45. The nearest wells of other ownership to AWSD's well LRG-4793-S-2 include domestic well LRG-9000, approximately 1,620 feet distant, and domestic well LRG-10564, located approximately 2,000 feet distant.
46. Predicted drawdowns at the nearest wells of other ownership, due to the proposed pumping of the subject wells in combination with the exercise of existing rights for 100 years, are 24 feet at LRG-3354, 22 feet at LRG-5037-S and LRG-9000 and 21 feet at LRG-10564.
47. The evidence presented indicates that domestic well LRG-3354 is only 63 feet deep and would need to be (and could be) deepened to regain supply under baseline conditions. Wells LRG-5037-S, LRG-9000 and LRG-10564 would have sufficient remaining water columns to continue production after 100 years of pumping under the Application scenario.
48. Granting the subject Applications will not impair existing groundwater rights.
49. Evidence was presented at Hearing concerning the existing water quality in the area of the subject wells and the estimated potential water quality impacts that would result from the granting of the subject Applications.
50. The basin-fill aquifer in the southern Mesilla Valley can be divided into three zones of differing lithology and water quality. The upper or shallow zone, which extends to a depth of about 200 feet below the water table, consists of coarse-grain alluvium and the upper part of the Santa Fe group and contains slightly saline water ((Total



Dissolved Solids (TDS) between 100 mg/L and 3,000 mg/L)) that is affected by irrigation return flow. The underlying intermediate zone, approximately 200 to 250 feet thick, consists of interlayered sands, silts, clays and some gravel of the Santa Fe Group and contains fresh water (TDS less than 1,000 mg/L). The deep zone contains saline water.

51. Wells LRG-4793-S-8 and LRG-4793-S-2 are completed in the intermediate zone of the Mesilla Basin aquifer.
52. Over time, pumping from wells completed in the intermediate zone of the aquifer may induce or increase the rate of vertical movement of water into the intermediate zone from the shallow and deep zones of the aquifer and cause a gradual deterioration of water quality in the intermediate zone.
53. WRD's hydrologist evaluated the water quality effects by comparing drawdown calculations in layers 1 and 2 of the OSELRG Model under baseline and Application scenarios and estimating the relative changes in hydraulic heads between the shallow and intermediate zones. Under both the S-8 and S-2 Application scenarios, layer 2 drawdown predictions in the cells containing the replacement wells are greater than under the baseline scenario, indicating the potential to create or increase downward ground water flow in the vicinity of the wells.
54. Regarding potential effects to water quality in Protestant Desert Sands' well LRG-5037-S, which also appears to be at least partially completed in the intermediate zone of the Mesilla Basin aquifer, WRD's hydrologist testified that an 800 afy diversion at well LRG-4793-S-8 over 100 years could cause an increase of approximately four (4%) in the concentration of TDS at Protestant Desert Sands' well LRG-5037-S. WRD's hydrologist indicated that the potential for water quality degradation at Desert Sands' well LRG-5037-S, due to pumping of LRG-5037-S itself, would be significantly greater than the potential deterioration due to the proposed pumping of AWSD's wells.
55. Absent a detailed investigation of the geochemistry, hydraulics and vertical gradients in the aquifer in the area, the magnitude of the potential water quality effects of the subject Applications is uncertain. However, the evidence suggests

that any degradation caused by the proposed increase in pumping at wells LRG-4793-S-8 and LRG-4793-S-2 would be incremental and insignificant in comparison to baseline effects.

56. EBID's East Drain runs generally in a North-South direction and is located approximately 4,000 feet west of well LRG-4793-S-8 and approximately 2,000 feet west of LRG-4793-S-2 at the closest points. The East Drain is between the subject wells and the Rio Grande. Other features between the subject wells and the Rio Grande include the Anthony Lateral, the Three Saints Lateral, and the Anthony Drain.
57. EBID contends that the proposed increase in diversions from the subject wells could impair the functioning of the East Drain.
58. EBID's expert hydrologist, Dr. Thomas Maddock III, stated that the flow levels in the East Drain fluctuate from 6 cubic feet per second (cfs) to 60 cfs.
59. Dr. Maddock testified that during the irrigation season there is no concern that pumping the subject wells would impair the East Drain. During the season of non-irrigation, or off-season, Dr. Maddock stated that increased pumping at the subject wells could cause water to be pulled out of the drain and into the ground water system with resultant saline movement into the fresh-water aquifer.
60. A detailed evaluation and report of the incremental effects to the East Drain that would result from the proposed increase in diversions from the subject wells in comparison to a baseline diversion scenario was not undertaken or presented by any party at Hearing. However, WRD's hydrologist indicated that water level declines in the shallow zone of the aquifer that could potentially affect the East Drain may be less if the proposed diversion from replacement wells LRG 4793-S-8 and LRG 4793-S-2 occurs than they would be if AWSD continues to divert from its existing shallow wells.
61. AWSD owns and operates a sewage treatment plant which discharges effluent into the East Drain at a point near New Mexico Highway 404, north of and up gradient to the subject wells.

62. Although there was some disagreement among the experts as to whether AWSD's sewage discharge would mitigate effects to the East Drain, the evidence presented indicates that there will be no significant increase in effects to the East Drain under the proposed diversion scenario in comparison to the effects that may occur under the baseline diversion scenario.
63. AWSD has made significant infrastructure improvements to its water delivery system since it acquired the system from the AWW.
64. Water use within the AWSD has been reduced from a high of 174.62 gallons per capita per day in 1995, to a low of 106.64 gallons per capita per day in 1999.
65. AWSD encourages water conservation by imposing an increasing commodity charge at higher levels of water usage and by supporting and conducting educational out-reach conservation programs.
66. Between 1993 and 1999, AWSD's number of metered customers increased at an average of approximately 7% annually.
67. The "Dona Ana County Regional Water Plan" projects a county-wide population increase of approximately 3% annually.
68. Population projections indicate an increasing need and demand for potable water in the AWSD service area. In providing potable water, it is preferable to use water with the lowest possible concentration of nitrates.
69. Water sampling results indicate that the water obtained from the subject wells contains significantly less nitrates than the water obtained from AWSD's other shallow wells.
70. Granting of the subject Applications would result in provision of better quality water to households within the AWSD service area.
71. Granting of the subject Applications with conditions to protect existing water rights from impairment and protect deliveries under the Rio Grande Compact obligations would not be contrary to the conservation of water within the state or detrimental to the public welfare of the state.
72. Application Nos. LRG-4793-S-8 and LRG-4793-S-2 should be approved in part, subject to diversion limits and conditions that protect existing water rights from

impairment and protect Rio Grande Compact deliveries while maximizing the beneficial use of New Mexico's Lower Rio Grande stream system water supply.

**ORDER**

**THEREFORE**, Application Nos. LRG-4793-S-8 and LRG-4793-S-2 for Permits to Change Location of Well are hereby approved in part, subject to conditions, as follows:

**OSE File No.:** LRG-4793 et al.

**Well Nos. &  
Points of Diversion:**

LRG-4793-S-8 SE1/4 SW1/4 NE1/4 of Section 26, Township 26 South, Range 3 East, N.M.P.M.

LRG-4793-S-2 NE1/4 NW1/4 SE1/4 of Section 35, Township 26 South, Range 3 East, N.M.P.M.

**Priority:** Declarations of Owner of Underground Water Rights filed on April 13, 1984 for 1,750 afy and amended on July 18, 1988 for 2,225.9 afy claim a priority date of 1955.

Application No. LRG-4793-S-8 filed on December 1, 1998.

Application No. LRG-4793-S-2 filed on January 29, 1999.

**Purpose of Use:** Municipal, domestic, commercial, industrial & related uses

**Source of Water:** Lower Rio Grande Underground Water Basin

**Amount of Water:** LRG-4793-S-8, 100 acre-feet per annum, diversion. Diversion may be increased up to 800 afy subject to Condition 2 below

LRG-4793-S-2, 290 acre-feet per annum, diversion. Diversion may be increased up to 800 afy subject to Condition 3 below

**Place of Use:** Service area includes Township 26 South, Range 3 East, N.M.P.M., Township 26 South, Range 4 East, N.M.P.M., and Township 27 South, Range 3 East, N.M.P.M.



### CONDITIONS OF APPROVAL

1. Permit Nos. LRG-4793-S-8 and LRG-4793-S-2 shall not be exercised to the detriment of valid existing water rights or in a manner that is contrary to the conservation of water within the state or detrimental to the public welfare of the State of New Mexico.
2. Diversion of water from LRG-4793-S-8 shall not exceed 100 afy measured at the wellhead and when combined with wells LRG-4793 thru LRG-4793-S-4 and LRG-4793-S-7, total diversion from all wells combined shall not exceed 2,225.9 afy measured at the wellheads, except that Permittee may increase the diversion of water from LRG-4793-S-8 up to a maximum of 800 afy provided that the total annual diversion from all of its wells combined does not exceed 1,160.55 afy measured at the wellheads.
3. Diversion of water from LRG-4793-S-2 shall not exceed 290 afy measured at the wellhead and when combined with wells LRG-4793 thru LRG-4793-S-4, LRG-4793-S-7 and LRG-4793-S-8 total diversion from all wells combined shall not exceed 2,225.9 afy measured at the wellheads, except that Permittee may increase the diversion of water from LRG-S-2 up to a maximum of 800 afy provided that the total annual diversion from all of its wells combined does not exceed 1,160.55 afy measured at the wellheads.
4. Permittee may increase the diversion of water from LRG-4793-S-8 and LRG-4793-S-2 up to 800 afy each and increase the total annual diversion from all of its wells combined in an amount not to exceed 2,225.9 afy provided that, prior to increasing diversion above 1,160.55 afy from all of its wells combined, it submits to the State Engineer, and the State Engineer approves, a plan for the acquisition of replacement surface water to prevent impairment of water rights senior to AWSD and to allow AWSD to continue its diversions out of priority in the event of a priority call; and further provided that it maintains the original or amended plan as approved by the State Engineer. Upon submission of an effluent return flow plan acceptable to the State Engineer, Permittee's discharge of treated effluent to the Rio Grande stream system may reduce the amount of replacement surface water required under

~~this condition, but shall not be a basis for requesting an increase in the maximum diversion amount of 2,225.9 afy under this condition.~~

5. The Permittee shall utilize the highest and best technology available and economically feasible for the intended use to ensure conservation of water to the maximum extent practicable. Permittee's right to divert up to 2,225.9 afy pursuant to Conditions of Approval 2, 3, and 4 above is contingent upon a plan of development demonstrating continuing need for future beneficial use of water, such as required for the estimated increasing population, and adherence to a conservation plan for reduction and maintenance of per capita water use at levels acceptable to the State Engineer and consistent with conservation practices and standards for municipal water systems. Such a plan shall be required as part of any application concerning the Permittee's diversion right.
6. Well Nos. LRG-4793 thru LRG-4793-S-4, LRG-4793-S-7 and LRG-4793-S-8 shall be equipped with totalizing meters of a type and at locations approved by, and installed in a manner acceptable to the State Engineer. The permittee shall provide in writing, the make, model, serial number, date of installation, initial reading, units and dates of recalibration of each meter, and any replacement meter used to measure the diversion of water.
7. Records of the amount of water diverted from each of Well Nos. LRG-4793 thru LRG-4793-S-4, LRG-4793-S-7 and LRG-4793-S-8 during the preceding three (3) calendar months shall be submitted in writing to the District IV Office of the State Engineer in Las Cruces, New Mexico on or before the 10th day of January, April, July, October of each year.
8. Old Well Nos. LRG-4793-S-8 and LRG-4793-S-2 shall be plugged or capped in accordance with Article 4-14 of the Rules and Regulations Governing Drilling of Wells and Appropriation and Use of Ground Water in New Mexico and any revision or amendment thereof. A written record of the plugging or capping shall be filed with the District IV Office of the State Engineer in Las Cruces, New Mexico within ten (10) days of completion of the plugging or capping.
9. The State Engineer shall retain jurisdiction of this permit in order to monitor

compliance with the Conditions of Approval.

10. Proof of Application of Water to Beneficial Use according to an identifiable plan of development shall be filed with the State Engineer prior to initiation of the inter se proceedings in the Lower Rio Grande Basin Adjudication in State of New Mexico ex rel. Office of the State Engineer v. Elephant Butte Irrigation District, et al., Third Judicial District Cause No. CV96-888.

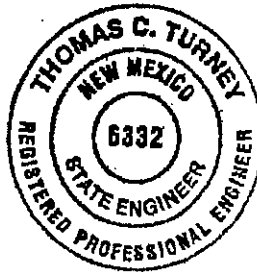
Respectfully submitted this 8<sup>th</sup> day of July 2002.

Victor Kovach  
Victor Kovach  
Hearing Examiner

Louis D. O'Dell  
Louis D. O'Dell  
Hearing Examiner

I ACCEPT AND ADOPT THE REPORT AND RECOMMENDATION OF THE HEARING EXAMINERS THIS 10<sup>th</sup> DAY OF July 2002.

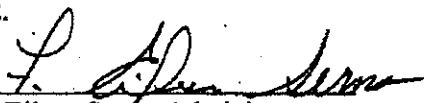
Thomas C. Turney  
THOMAS C. TURNEY  
NEW MEXICO STATE ENGINEER



**PARTIES ENTITLED TO NOTICE**

HU # 00-003

I certify that a copy of the foregoing Report and Recommendation was mailed to the following parties on the 15<sup>th</sup> day of July 2002.

  
F. Eileen Serma, Administrator

**ATTORNEY FOR WATER RIGHTS DIVISION**

Leticia Sheridan, Esq.  
Office of the New Mexico State Engineer  
Legal Services Division  
P. O. Box 25102  
Santa Fe, New Mexico 87504-5102

**ATTORNEY FOR APPLICANT**

Gerald R. Coppler, Esq.  
Coppler & Mannick, P. C.  
645 Don Gaspar Ave.  
Santa Fe, New Mexico 87501

**ATTORNEY FOR PROTESTANTS**

Marilyn O'Leary, Esq.  
Eastham, Johnson, Monnheimer & Jontz, PC  
500 Marquette NW, Suite 1200  
Albuquerque, New Mexico 87102-2121

Lee E. Peters, Esq.  
Hubert & Hernandez, P. A.  
Attorneys for Protestant EBID  
P. O. Drawer 2857  
Las Cruces, New Mexico 88004-2857



LRG-4793-53  
A.M. 3-8

Las Cruces

ENDORSED COPY  
RECEIVED

THIRD JUDICIAL DISTRICT COURT  
STATE OF NEW MEXICO  
COUNTY OF DONA ANA

D  
DONA ANA COUNTY, NM  
M. J. SANCHEZ

MAR 10 2003

Randall W. Childress, P.C.

No. CV-02-1076

IN THE MATTER OF THE APPLICATIONS  
OF THE ANTHONY WATER & SANITATION DISTRICT  
FOR PERMITS FOR TWO REPLACEMENT WELLS  
LRG-4793-S-2 AND LRG-4793-S-8 IN THE LOWER RIO  
GRANDE UNDERGROUND WATER BASIN

ELEPHANT BUTTE IRRIGATION DISTRICT,  
Appellant-Protestant,

v.

ANTHONY WATER AND SANITATION DISTRICT  
Appellee-Applicant

HA 00-003

THOMAS C. TURNEY, State Engineer for  
the State of New Mexico  
Appellee

DESERT SANDS MUTUAL DOMESTIC WATER  
CONSUMERS ASSOCIATION,  
Appellee-Protestant.

ORDER OF DISMISSAL OF APPEAL

This matter came before the Court on the Motion to Dismiss Appeal filed by the Appellant Elephant Butte Irrigation District, which is not opposed by any party, and the Stipulation for Dismissal. Having considered the Motion and Stipulation, the Court FINDS good cause for dismissing the appeal and ADOPTS the Stipulation and incorporates the Stipulation herein as an Order of this Court, and therefore ORDERS that this appeal is hereby dismissed.

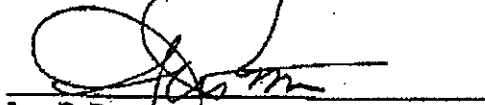
Jerald A. Valentine  
Jerald A. Valentine  
District Judge

STATE CLERK'S OFFICE  
U.S. DISTRICT COURT  
SAN ANTONIO, TEXAS  
03 NOV 13 AM 8:43

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Approved:

HUBERT & HERNANDEZ, P.A.



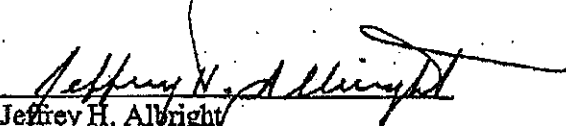
Lee E. Peters  
Attorneys for Appellant-Protestant  
Elephant Butte Irrigation District

OFFICE OF THE STATE ENGINEER



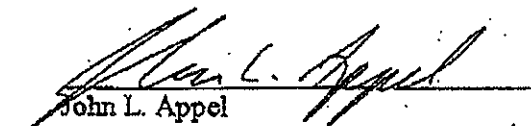
Stacey J. Goodwin  
Special Assistant Attorney General  
Attorney for Appellee Thomas C. Turney,  
State Engineer of the State of New Mexico

JONTZ, DAWE, GULLEY & CROWN



Jeffrey H. Albright  
Attorneys for Appellee-Protestant Desert  
Sands Mutual Domestic Water Consumers  
Association

COPPLER & MANNICK, P.C.



John L. Appel  
Attorneys for Appellee Anthony Water  
& Sanitation District

03 NOV 13 AM 8:43  
STATE ENGINEER OFFICE  
LAS CRUCES, NEW MEXICO

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MAR -7 2003

Randall W. Childress, P.C.

THIRD JUDICIAL DISTRICT COURT  
STATE OF NEW MEXICO  
COUNTY OF DONA ANA

IN THE MATTER OF THE APPLICATIONS  
OF THE ANTHONY WATER & SANITATION DISTRICT  
FOR PERMITS FOR TWO REPLACEMENT WELLS,  
LRG-4793-S-2 AND LRG-4793-S-8 IN THE LOWER RIO  
GRANDE UNDERGROUND WATER BASIN

No. CV-02-1076

ELEPHANT BUTTE IRRIGATION DISTRICT,  
Appellant-Protestant,

v.

ANTHONY WATER AND SANITATION DISTRICT  
Appellee-Applicant

THOMAS C. TURNEY, State Engineer for  
the State of New Mexico.  
Appellee

DESERT SANDS MUTUAL DOMESTIC WATER  
CONSUMERS ASSOCIATION,  
Appellee-Protestant.

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STATE ENGINEER OFFICE  
LAS CRUCES, NEW MEXICO

**STIPULATION FOR DISMISSAL**

The Appellant-Protestant Elephant Butte Irrigation District ("EBID"), Appellee State Engineer of the State of New Mexico, Appellee-Applciant Anthony Water and Sanitation District ("AWS D"), and Appellee-Protestant Desert Sands Mutual Domestic Water Consumers Association ("DSMDWCA"), enter into this Stipulation for the purpose of dismissing the Appeal by EBID of the decision and Order entered by the State Engineer on July 18, 2002, regarding the Applications by AWS D under File Nos. LRG-4793-S-2 and S-8. The parties stipulate and agree as follows:

1. EBID will seek a dismissal of the appeal filed by EBID on August 13, 2002, of the July 18, 2002 Decision and Order of the State Engineer in File Nos. LRG-4793-S-2 and S-8, through an appropriate motion for

dismissal accompanied with a conforming stipulated order of dismissal as approved by all parties which will incorporate this stipulation therein, for entry by the court.

- 2. Following dismissal of this appeal, the Permits to Change Location of Wells for wells LRG-4793-S-2 and S-8 shall issue under the terms set forth in the July 18, 2002 Order.
- 3. The referenced Permits will be administered by the State Engineer and his Office in accordance with the terms set forth in the July 18, 2002 Order.
- 4. The parties recognize that many, if not all, of the issues upon which EBID based its decision to appeal the July 18, 2002 Order do not actually arise in the present appeal regarding the permit terms and conditions for File Nos. LRG-4793-S2 and S-8.
- 5. Any issues the parties may have regarding potential replacement or offset water requirements, or return flow credits, or related issues, that may be imposed by the State Engineer in administrative proceedings on future applications that may be filed by AWSD shall be addressed in such proceedings.
- 6. Nothing in this Stipulation nor in the dismissal of this appeal shall prejudice any party hereto as to any claims or defenses which could be raised in any future water rights application filed by AWSD.
- 7. Nothing in this Stipulation or in the dismissal of this appeal shall prejudice any party hereto as to any claims or defenses that have been or could be

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 STATE ENGINEER OFFICE  
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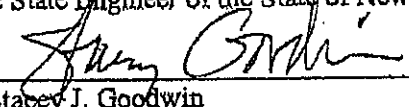


raised in the ongoing water rights adjudication pending in the Lower Rio Grande Basin.

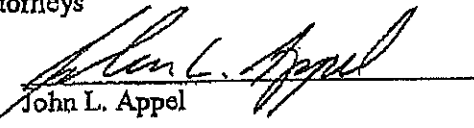
Appellant-Protestant Elephant Butte Irrigation District  
By: Hubert & Hernandez, P.A.  
Its Attorneys

  
\_\_\_\_\_  
Lee E. Peters

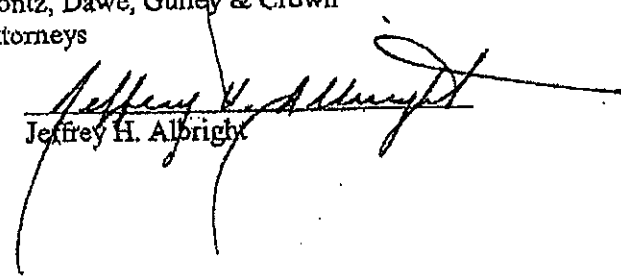
Appellee State Engineer of the State of New Mexico

By:   
\_\_\_\_\_  
Stacey J. Goodwin  
Special Assistant Attorney General  
for the State Engineer

Appellee Anthony Water & Sanitation District  
By: Coppler & Mannick, P.C.  
Its Attorneys

  
\_\_\_\_\_  
John L. Appel

Appellee-Protestant Desert Sands Mutual Domestic  
Water Consumers Association  
By: Jontz, Dawe, Gulley & Crown  
Its Attorneys

  
\_\_\_\_\_  
Jeffrey H. Albright

RECEIVED  
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STATE ENGINEER OFFICE  
LAS CRUCES, NEW MEXICO



STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER  
*District 4 Office, Las Cruces, NM*

John R. D'Antonio, Jr., P.E.  
State Engineer

1680 Hickory Loop, Suite J  
Las Cruces, New Mexico 88005-6598  
(575) 524-6161  
FAX: (575) 524-6160

June 16, 2009

FILE: LRG-4793

Anthony Water and Sanitation District  
Attn: Pat Banegas  
P.O. Box 1751  
Anthony, NM 88021

Mr. Banegas:

This office received courtesy copies of your Replacement Water Plan and also your updated Return Flow Plan for the Anthony Water and Sanitation District (AWSD) from your attorney, Mr. Frank Coppler, on October 6, 2008. More recent questions concerning the diversion of water from AWSD wells have prompted this office to more thoroughly review these documents, which reflect your efforts to fulfill the requirements described by the Findings and Conclusions in Hearing No. 00-003 and subsequent Order issued on July 10, 2002 by then State Engineer Tom Turney concerning permits LRG-4793-S-2 and LRG-4793-S-8. In pertinent part, Condition no. 4 of the Order states:

"Permittee may increase the diversion of water from LRG-4793-S-8 and LRG-4793-S-2 up to 800 afy each and increase the total annual diversion from all of its wells combined in an amount not to exceed 2,225.9 afy provided that, prior to increasing diversion above 1,160.55 afy from all of its wells combined, it submits to the State Engineer, and the State Engineer approves, a plan for the acquisition of replacement surface water to prevent impairment of water rights senior to AWSD and to allow AWSD to continue its diversions out of priority in the event of a priority call; and further provided that it maintains the original or amended plan as approved by the State Engineer. Upon submission of an effluent return flow plan acceptable to the State Engineer, Permittee's discharge of treated effluent to the Rio Grande stream system may reduce the amount of replacement surface water required under this condition, but shall not be the basis for

requesting an increase in the maximum diversion amount of 2,225.9 afy under this condition.”

Meter readings you have submitted to this office reflecting diversions from your wells in recent years (2006 and 2007, in particular) clearly support the need for this condition to be met, however it is noted that your somewhat limited, decreased annual diversions for 2008 have helped to compensate for what otherwise could qualify for previous overdiversion.

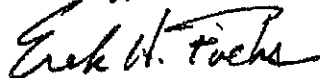
In the context of a general framework to work from, your Replacement Water Plan is found to be acceptable. It is noted that ongoing adjudication proceedings in the Lower Rio Grande may contribute to some difficulty in actually implementing this plan in the near term, in part because the Findings and Conclusions in Hearing No. 00-003 and subsequent Order issued on July 10, 2002 as noted above specifies that replacement surface water is required to offset the effects of continued development of your inchoate groundwater rights on the surface water source in the event of a priority call. Keep in mind that these effects are not necessarily limited to the calculated effects of pumping wells LRG-4793-S-8 and LRG-4793-S-2 individually, but ultimately all diversions from all wells combined beyond the 1,160.55 afy found to be vested (previously put to beneficial use). While offsets to the effects on the surface water source for diversions beyond the 1,160.55 afy found to be vested are required in any event and may be approximated, at least in the near term, by sources other than actual replacement surface water, the acquisition of actual replacement surface water rights provides you a more secure position to work from, most especially in the event of a priority call. It is understood that the great majority of surface water rights maintained in the Lower Rio Grande and in the vicinity of the AWSD are the subject of the Rio Grande Project and thus necessitate coordination with and consent from the Elephant Butte Irrigation District (EBID). Accordingly, it is understood that legal and administrative uncertainties regarding the transfer and change of point of diversion, place and purpose of use of these surface waters in the absence of formal regulations (yet to be developed and promulgated by the State Engineer) otherwise permitting these transfers as it concerns Special Water User Associations may be an obstacle for the time being. Nonetheless, you are encouraged to seek continued communications and coordination with the EBID, including AWSD's candidacy as a Special Water User Association as allowed for by state statute. To this end, demonstrated progress and adherence to your Replacement Water Plan may be evidenced by continued acquisition, in whatever reasonable amounts AWSD deems appropriate, of EBID surface water rights, even though it is understood that all of the mechanisms necessary to actually transfer such surface water rights aren't as yet in place.

Regarding your updated Return Flow Plan, this effort is likewise found to be an acceptable general framework to work from, however there are a few points that do bear discussion and that you may need to adjust for accordingly. In particular and as a condition of accepting your Return Flow Plan, please note that you will need to submit monthly meter readings of your treated effluent discharged to the Rio Grande. This would probably be best and most efficiently accomplished by simply submitting your effluent discharge readings along with your monthly meter readings of groundwater diversions from AWSD wells, which you are in the practice of doing anyway. It is noted in several different parts of the Return flow Plan that AWSD anticipates seeking formal application for return flow credit to support additional groundwater

diversions. Please keep in mind that according to Condition no. 4 of the July 10, 2002 Order as paraphrased above, the operative language "...Permittee's discharge of treated effluent to the Rio Grande stream system may reduce the amount of replacement surface water required under this condition, **but shall not be the basis for requesting an increase in the maximum diversion amount of 2,225.9 afy under this condition.**" (emphasis added), specifically negates the eligibility of return flows generated from the exercise of the original LRG-4793 et al. right as the basis for return flow credit (aka proportional increase in maximum diversion), but rather acknowledges the potential for return flow contributions to the Rio Grande to reduce the amount of replacement surface water otherwise needed to offset the effects of continued development of the inchoate LRG-4793 et al. right on the Rio Grande. Relative to the maximum diversion of 2,225.9 afy under the original LRG-4793 et al. right as recognized by the July 10, 2002 Order, 1,065.35 afy is subject to offset requirements (replacement surface water) upon subtracting the 1,160.55 afy found to be vested at that time. AWSD may increase diversions under the LRG-4793 et al. right beyond the 1,160.55 afy originally vested without invoking offset requirements (replacement surface water) to the extent that discharge of treated effluent (return flow) to the Rio Grande stream system is demonstrated as a percentage of the 1,160.55 afy originally vested. Beyond this upper limit, offset requirements would have to be met. For example, if in fact AWSD's return flow is demonstrated (metered) to be 55% of diversions within a given calendar year, then 1,798.85 af could be diverted in that year before offsets would be required. Submitting monthly meter readings of AWSD's discharge of treated effluent to the Rio Grande as is now required, along with your metered diversions of groundwater from AWSD wells should provide a sound basis for prudent planning in identifying the need for replacement surface water (offsets) somewhat in advance of actual surface water replacement, and should also compliment the timely maintenance of AWSD's Replacement Water Plan as needed.

Thank you for your efforts to coordinate with this office in the continued administration and management of AWSD's rights to water. If you have any questions, please give me a call at 524-6161.

Sincerely,



Erek H. Fuchs, M.S.  
Basin Supervisor



(11)

**COPPLER & MANNICK, P.C.**  
A PROFESSIONAL CORPORATION

FRANK R. COPPLER  
PAUL D. MANNICK  
GERALD A. COPPLER\*  
NANCY E. NICKERSON†  
JOHN L. APPEL

ATTORNEYS AND COUNSELORS AT LAW  
645 DON GASPAR AVENUE  
SANTA FE, NEW MEXICO 87505

TELEPHONE  
(505) 988-5656  
  
TELECOPIER  
(505) 988-5704

\* also licensed in Texas  
† also licensed in California

August 13, 2001

Calvin Chavez, P.E.  
District IV Manager  
Office of the New Mexico State Engineer  
P.O. Box 729  
Las Cruces, New Mexico 88004-0729

RECEIVED

AUG 16 2001

STATE ENGINEER OFFICE  
LAS CRUCES NM

Re: **File No. LRG-4793 (Anthony Water & Sanitation District)**  
**Return Flow Plan**  
**Our No.: 1985.52**

Dear Mr. Chavez:

Thank you for your July 30, 2001, letter to Jerry Paz, P.E. (Moizen-Corbin & Associates), acknowledging receipt of the Anthony Water & Sanitation District's Return Flow Plan. We greatly appreciate your interest in this matter and the information that you provided to assist Moizen-Corbin in preparation of the plan. We believe that the Return Flow Plan, and the procedures outlined in it, will help the State Engineer and AWSD evaluate the actual impacts of AWSD's ground water diversion on the surface and subsurface hydrologic systems in the Anthony area.

While you are entirely correct that AWSD has no pending water rights applications for which a return flow credit (strictly speaking) would be required, we would like to point out that there are pending before the State Engineer applications to increase allowable diversions from AWSD wells LRG-4793-S-2 and LRG-4793-S-8 (with a corresponding decrease in diversions from other AWSD wells). These applications were protested by Elephant Butte Irrigation District and other parties, and a hearing (Hearings Unit No. 00-003) was held on them in May. The State Engineer has not yet rendered a decision. The question of surface water depletions under the MVAAG Guidelines was raised at the hearing on these applications, and AWSD's return flows in fact augment the Mesilla Valley surface water system, thus compensating for depletions that might otherwise result from pumpage of AWSD's wells. Therefore, we believe that AWSD's Return Flow Plan may be significant in the pending applications for wells LRG-4793-S-2 and -S-8.

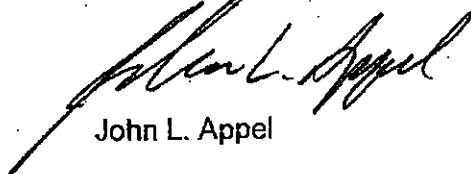
Calvin Chavez, P.E.  
August 13, 2001  
Page 2

While we are inclined to agree that a formal evaluation of AWSD's Return Flow Plan may not be appropriate at this time, we would simply ask that, if you should note any deficiencies in the Return Flow Plan, you advise Mr. Paz of the problem so that it can be corrected. AWSD anticipates that it may in the future rely on the Return Flow Plan to show compliance with the MVAA Guidelines, and possibly to support additional water rights applications that could require return flow credits.

Thank you again for your assistance in providing technical documentation and guidelines for the preparation of the Return Flow Plan.

Very truly yours,

COPPLER & MANNICK, P.C.



John L. Appel

cc: Pat Banegas  
Jerry Paz

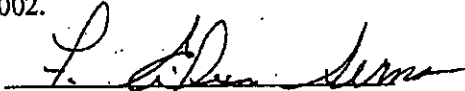
T:\JLA\LETTER\198552CP.DOC (8/13/01)

*No response  
provided @ 8-20-01*

**PARTIES ENTITLED TO NOTICE**

HU # 00-003

I certify that a copy of the foregoing Report and Recommendation was mailed to the following parties on the 15<sup>th</sup> day of July 2002.

  
F. Eileen Serna, Administrator

**ATTORNEY FOR WATER RIGHTS DIVISION**

Leticia Sheridan, Esq.  
Office of the New Mexico State Engineer  
Legal Services Division  
P. O. Box 25102  
Santa Fe, New Mexico 87504-5102

**ATTORNEY FOR APPLICANT**

Gerald R. Coppler, Esq.  
Coppler & Mannick, P. C.  
645 Don Gaspar Ave.  
Santa Fe, New Mexico 87501

**ATTORNEY FOR PROTESTANTS**

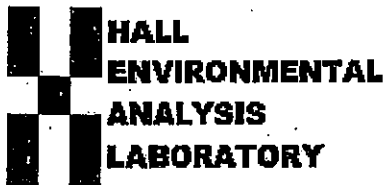
Marilyn O'Leary, Esq.  
Eastham, Johnson, Monnheimer & Jontz, PC  
500 Marquette NW, Suite 1200  
Albuquerque, New Mexico 87102-2121

Lee E. Peters, Esq.  
Hubert & Hernandez, P. A.  
Attorneys for Protestant EBID  
P. O. Drawer 2857  
Las Cruces, New Mexico 88004-2857

# **APPENDIX G**

## **Water Quality Data**





**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

November 21, 2014

Stephanie Stringer

NMED Drinking Water SF

525 Camino de Los Marquez Suite 4

Santa Fe, NM 87505

TEL: (505) 476-8600

FAX

RE: NM3511207

Anthony W&SD

OrderNo.: 1411315

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/7/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in cursive script that reads "Sarah Edwards".

Sarah Edwards

Project Manager

4901 Hawkins NE

Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order: 1411315  
 Date Reported: 11/21/2014

<b>CLIENT:</b>	NMED Drinking Water SF	<b>Client Sample ID:</b>	HAL128978
<b>Facility:</b>	NM3511207 Anthony W&SD	<b>Collection Date:</b>	11/5/2014 11:15:00 AM
<b>Lab ID:</b>	1411315-001A	<b>Received Date:</b>	11/7/2014 9:45:00 AM
<b>Location:</b>	021	<b>Compliance Safe:</b>	YES
<b>Matrix:</b>	Aqueous		

Analyses	Result	RL	Qual	Units	MCL	DF	
EPA 200.8: METALS							Analyst: DBD
SDWIS							Date Analyzed
1005 Arsenic	0.0072	0.0010		mg/L	0.010	1	11/17/2014 2:54:53 PM

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

**Sample Log-In Check List**

Client Name: NMED Drinking Water SF

Work Order Number: 1411315

ReptNo: 1

Received by/date: mag 11/07/2014

Logged By: Ashley Gallegos 11/7/2014 9:45:00 AM *AG*

Completed By: Ashley Gallegos 11/7/2014 4:39:56 PM *AG*

Reviewed By: *[Signature]* 11/10/14

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? UPS

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: [Signature]

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.7	Good	Yes			

HAL128978

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

One Form  
Per Sample

1411315-001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 2.0°C	Field preservation confirmed
SUBMITTER CODE (3-digit): 070		LAB REMARKS:	
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (if 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial:
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD	
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:
		Conductivity (uS/cm):	Temperature (deg. C):
Field remarks:			
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite	Describe:	
	<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other		
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input checked="" type="checkbox"/> Filtered water	Describe:	
	<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid		
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input checked="" type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2	Describe:	
	<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other		
	<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3		
Analysis Requested:	ARSENIC		
Additional Analytical Requests:			

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 11-5-14	Time of Collection HHMM (24 HR) 11:15
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier W&S	Tracking Number / Bill of Lading K222 908 420 0	Date MM/DD/YY 11-6-14	Time HHMM (24 HR) 13:00	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

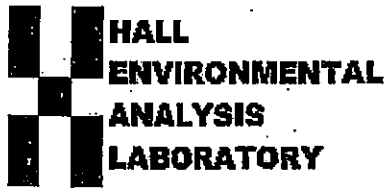
TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver Michelle Garcia	Signature of Receiver 	Date MM/DD/YY 11/07/14	Time HHMM (24 HR) 0945
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				

Comments:

Comments:





**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

November 21, 2014

Stephanie Stringer

NMED Drinking Water SF

525 Camino de Los Marquez Suite 4

Santa Fe, NM 87505

TEL: (505) 476-8600

FAX

RE: NM3511207  
Anthony W&SD

OrderNo.: 1411315

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/7/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink that reads 'Sarah Edwards'.

Sarah Edwards

Project Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

<b>CLIENT:</b> NMED Drinking Water SF	<b>Client Sample ID:</b> HAL128978
<b>Facility:</b> NM3511207 Anthony W&SD	<b>Collection Date:</b> 11/5/2014 11:15:00 AM
<b>Lab ID:</b> 1411315-001A	<b>Received Date:</b> 11/7/2014 9:45:00 AM
<b>Location:</b> 021	<b>Compliance Safe:</b> YES
<b>Matrix:</b> Aqueous	

Analyses	Result	RL	Qual	Units	MCL	DF	
EPA 200.8: METALS							Analyst: DBD
SDWIS							Date Analyzed
1005 Arsenic	0.0072	0.0010		mg/L	0.010	1	11/17/2014 2:54:53 PM

192 168 1 101  
 255 255 255 0  
 192 168 1 1  
 " " " "  
 218 248 240 23

MASON

AO  
 MNS

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

**Sample Log-In Check List**

Client Name: NMED Drinking Water SF

Work Order Number: 1411315

ReptNo: 1

Received by/date: mgj 11/07/2014

Logged By: Ashley Gallegos 11/7/2014 9:45:00 AM *AG*

Completed By: Ashley Gallegos 11/7/2014 4:39:56 PM *AG*

Reviewed By: *AG* 11/10/14

**Chain of Custody**

1. Custody seals intact on sample bottles? Yes  No  Not Present
2. Is Chain of Custody complete? Yes  No  Not Present
3. How was the sample delivered? UPS

**Log In**

4. Was an attempt made to cool the samples? Yes  No  NA
5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
6. Sample(s) in proper container(s)? Yes  No
7. Sufficient sample volume for indicated test(s)? Yes  No
8. Are samples (except VOA and ONG) properly preserved? Yes  No
9. Was preservative added to bottles? Yes  No  NA
10. VOA vials have zero headspace? Yes  No  No VOA Vials
11. Were any sample containers received broken? Yes  No
12. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes  No
14. Is it clear what analyses were requested? Yes  No
15. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: JA

**Special Handling (if applicable)**

16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.7	Good	Yes			

HAL128978

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

One Form  
Per Sample

141315-001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 2.0°C	Field preservation confirmed
SUBMITTER CODE (3-digit): 070		LAB REMARKS:	
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (if 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial:
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD	
FACILITY/LOCATION: TREATMENT PLANT #		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:
		Conductivity (uS/cm):	Temperature (deg. C):
Field remarks:			
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite		Describe:
	<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other		
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input checked="" type="checkbox"/> Filtered water		Describe:
	<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid		
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input checked="" type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2		
	<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other		
	<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3		
Analysis Requested:	ARSENIC		
Additional Analytical Requests:			

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature <i>AR</i>	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 11-5-14	Time of Collection HHMM (24 HR) 11:15
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier WRS	Tracking Number / Bill of Lading K222 908 420 0		Date MM/DD/YY 11-6-14	Time HHMM (24 HR) 13:00
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

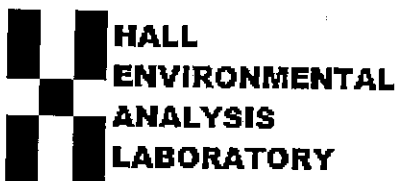
TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver Michelle Garcia	Signature of Receiver <i>Michelle Garcia</i>	Date MM/DD/YY 11/07/14	Time HHMM (24 HR) 0945
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				

Comments:

Comments:





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

April 15, 2015

Jose Terrones

Anthony Water Sanitation District

1155 N 4th

Anthony, NM 88021

TEL:

FAX

RE: R.O. Plant

OrderNo.: 1503D82

Dear Jose Terrones:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/31/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.**

CLIENT: Anthony Water Sanitation District      Client Sample ID: Tank #4 Finished  
 Project: R.O. Plant      Collection Date: 3/30/2015 8:45:00 AM  
 Lab ID: 1503D82-001      Matrix: AQUEOUS      Received Date: 3/31/2015 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA 200.8: METALS							Analyst: DBD
Arsenic	0.0091	0.0010		mg/L	1	4/13/2015 5:20:37 PM	R25474

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	Page 1 of 2
	O RSD is greater than RSDlimit	P Sample pH Not In Range	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

# QC SUMMARY REPORT

WO#: 1503D82

Ball Environmental Analysis Laboratory, Inc.

15-Apr-15

**Client:** Anthony Water Sanitation District  
**Project:** R.O. Plant

Sample ID	<b>LCS</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA 200.8: Metals</b>					
Client ID:	<b>LCSW</b>	Batch ID:	<b>R25474</b>	RunNo:	<b>25474</b>					
Prep Date:		Analysis Date:	<b>4/13/2015</b>	SeqNo:	<b>754093</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.023	0.0010	0.02500	0	92.6	85	115			

Sample ID	<b>MB</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA 200.8: Metals</b>					
Client ID:	<b>PBW</b>	Batch ID:	<b>R25474</b>	RunNo:	<b>25474</b>					
Prep Date:		Analysis Date:	<b>4/13/2015</b>	SeqNo:	<b>754095</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								

Sample ID	<b>1503D82-001AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>EPA 200.8: Metals</b>					
Client ID:	<b>Tank #4 Finished</b>	Batch ID:	<b>R25474</b>	RunNo:	<b>25474</b>					
Prep Date:		Analysis Date:	<b>4/13/2015</b>	SeqNo:	<b>754559</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.035	0.0010	0.02500	0.009139	102	70	130			

Sample ID	<b>1503D82-001AMSD</b>	SampType:	<b>MSD</b>	TestCode:	<b>EPA 200.8: Metals</b>					
Client ID:	<b>Tank #4 Finished</b>	Batch ID:	<b>R25474</b>	RunNo:	<b>25474</b>					
Prep Date:		Analysis Date:	<b>4/13/2015</b>	SeqNo:	<b>754560</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.035	0.0010	0.02500	0.009139	102	70	130	0.104	20	

Sample ID	<b>LCS</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA 200.8: Metals</b>					
Client ID:	<b>LCSW</b>	Batch ID:	<b>R25474</b>	RunNo:	<b>25474</b>					
Prep Date:		Analysis Date:	<b>4/13/2015</b>	SeqNo:	<b>754593</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.023	0.0010	0.02500	0	93.2	85	115			

Sample ID	<b>MB</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA 200.8: Metals</b>					
Client ID:	<b>PBW</b>	Batch ID:	<b>R25474</b>	RunNo:	<b>25474</b>					
Prep Date:		Analysis Date:	<b>4/13/2015</b>	SeqNo:	<b>754596</b>	Units:	<b>mg/L</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not in Range
- RL Reporting Detection Limit

**Sample Log-In Check List**

Client Name: ANTHONY WATER SANI

Work Order Number: 1503D82

ReptNo: 1

Received by/date: CS 03/31/15

Logged By: Celina Sessa 3/31/2015 9:45:00 AM Celina Sessa

Completed By: Celina Sessa 3/31/2015 10:42:43 AM Celina Sessa

Reviewed By: [Signature] CS/31/15

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? UPS

**Log in**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C? Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No  Not required
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization) Yes  No

# of preserved bottles checked for pH: 1 (or >12 unless noted)

Adjusted? No

Checked by: [Signature]

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	20.1	Good	Yes			



### Chain-of-Custody Record

Client: AWSD  
 Turn-Around Time:  Standard  Rush  
 Project Name: R.O. Plant  
 Project #: CS 05/15

Mailing Address: 1155 N 4TH  
ANTHONY NM 88021  
 Phone #: 575-882-3922  
 Project Manager: Jose Terrano  
 email or Fax#: CS 05/15

QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  NELAP  Other  
 EDD (Type):  Office  Yes  No  
 Sample Temperature: 20°C

Date: 2015 04 15 AM Matrix: Water #4 Finished  
 Sample Request ID: CS 05/15  
 Container Type and #: 500 ml HDPE  
 Preservative Type: None  
 HEAL No: 1506D82  
 Date: 05/15/15

### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel: 505-345-3975 Fax: 505-345-4107

#### Analysis Request

BTEX + MTBE + TMB's (8021)	
BTEX + MTBE + TPH (Gas only)	
TPH 8015B (GRO / DRO / MRO)	
TPH (Method 4183)	
EDB (Method 504.1)	
PAH's (8310 or 8270-SIMS)	
RCRA 8 Metals	
Anions (F-, Cl-, NO <sub>3</sub> -, NO <sub>2</sub> -, PO <sub>4</sub> -, SO <sub>4</sub> -)	
8081 Pesticides / 8082 PCB's	
8260B (VOA)	
8270 (Semi-VOA)	<u>ARSENIC</u>
Air Bubbles (Y or N)	

Remarks:

Date: 30/15 11:41 Relinquished by: [Signature]  
 Date: 05/15/15 Relinquished by: [Signature]  
 Received by: [Signature] Date: 11/28/2015  
 Received by: [Signature] Date: 05/31/15

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

February 26, 2015

Stephanie Stringer  
NMED Drinking Water SF  
525 Camino de Los Marquez Suite 4  
Santa Fe, NM 87505  
TEL: (505) 476-8600  
FAX

RE: NM3511207  
Anthony W&SD

OrderNo.: 1502265

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/5/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sarah Cameron', with a wavy underline.

Sarah Cameron  
Project Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

RECEIVED MAR 06 2015

# Hall Environmental Analysis Laboratory, Inc.

**Analytical Report**

Lab Order: 1502265

Date Reported: 2/26/2015

**CLIENT:** NMED Drinking Water SF  
**Facility:** NM3511207 Anthony W&SD  
**Lab ID:** 1502265-001A  
**Location:** 021  
**Matrix:** Aqueous

**Client Sample ID:** HAL129722  
**Collection Date:** 2/3/2015 11:11:00 AM  
**Received Date:** 2/5/2015 9:45:00 AM  
**Compliance Safe:** NO

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>EPA 200.8: METALS</b>							Analyst: DBD
<b>SDWIS</b>							Date Analyzed
1005 Arsenic	0.011	0.0050	*	mg/L	0.010	5	2/23/2015 3:32:38 PM

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	



Hall Environmental Analysis Laboratory  
 4901 Hawkins NE  
 Albuquerque, NM 87109  
 TEL: 505-345-3975 FAX: 505-345-4107  
 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: NMED Drinking Water SF

Work Order Number: 1502265

RcptNo: 1

Received by/date:

*Jim 02/05/15*

Logged By: Ashley Gallegos

2/5/2015 1:46:00 PM *9:45 AM*

Completed By: Ashley Gallegos

2/6/2015 9:37:32 AM

Reviewed By:

*JO 02/06/15*

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? UPS

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: 2 (or >12 unless noted)  
 Adjusted? No  
 Checked by: JO

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	3.3	Good	Yes			



HAL129722

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

One Form  
Per Sample

1502205-001

LAB USE >>> ONLY	DATE <<< TIME	SAMPLE TEMPERATURE (deg C): 3.3 ON ICE	Field preservation confirmed
	STAMP	Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab

SUBMITTER CODE (3-digit): 070      LAB REMARKS:

55000 (DWB-SDWA - fee-for-service)     55420 (DWB-non-reg. contaminants)     64000 (Individual client fee-for-service)     OTHER

NMED AREA OFFICE: LAS CRUCES AREA      SAMPLER NAME: VALERIE MARQUEZ      SAMPLE CONTACT: 575-445-3621

WATER SYSTEM ID: NM3511207      WATER SYSTEM NAME: ANTHONY W&SD

FACILITY/LOCATION: TREATMENT PLANT #7      FACILITY ID: 11207021      SAMPLING POINT ID: SP112070211

FIELD DATA AND REMARKS     Non-chlorinated     Chlorinated    Residual (mg/l):    pH:    Conductivity (uS/cm):    Temperature (deg. C):

Field remarks:

SAMPLING DOCUMENTATION     NMED monitoring     Compliance     Confirmation     Composite    Describe:

Split with facility     Grab sample     Non-compliance     Other

SAMPLE TYPE     Non-filtered Water     Filtered water    Describe:

Raw water     Finished water     Other air/liquid/solid

PRESERVATION     None     Stored Shipped at < 4 C     HCl added to pH <= 2     HNO3 added to pH <= 2     H2SO4 added to pH <= 2

Lab to acidify     NaOH added to pH >= 12     Other    Describe:

C6H8O6 acid added     Acidified at Lab     Na2S2O3

Analysis Requested:      ARSENIC

Additional Analytical Requests:

**CHAIN OF CUSTODY**  
MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name	Signature	Sampler / Operator ID #	Date of Collection MM/DD/YY	Time of Collection HHMM (24 HR)
	VALERIE MARQUEZ	<i>V. Marquez</i>	7505	02/05/15	1111

Tamper-Proof Seal -     Not Present     Present & Intact     Present & Damaged

Placed in Care of:	Print Name of Carrier	Tracking Number / Bill of Lading	Date MM/DD/YY	Time HHMM (24 HR)
	UPS	K0229084073	02/04/15	1430

Tamper-Proof Seal -     Not Present     Present & Intact     Present & Damaged

Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)

Tamper-Proof Seal -     Not Present     Present & Intact     Present & Damaged

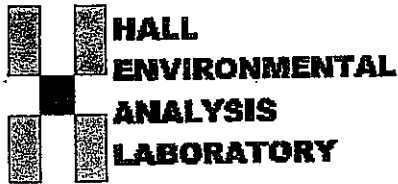
**TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY**

Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)
	LINDSAY MANKIN	<i>L. Mankin</i>	02/05/15	0945

Tamper-Proof Seal -     Not Present     Present & Intact     Present & Damaged

Comments:

Comments:



COPY

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

February 26, 2015

Stephanie Stringer  
NMED Drinking Water SF  
525 Camino de Los Marquez Suite 4  
Santa Fe, NM 87505  
TEL: (505) 476-8600  
FAX

OrderNo.: 1502265

RE: NM3511207  
Anthony W&SD

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/5/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sarah C.', with a wavy underline.

Sarah Cameron  
Project Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.**

**Analytical Report**

Lab Order: 1502265

Date Reported: 2/26/2015

<b>CLIENT:</b>	NMED Drinking Water SF	<b>Client Sample ID:</b>	HAL129722
<b>Facility:</b>	NM3511207 Anthony W&SD	<b>Collection Date:</b>	2/3/2015 11:11:00 AM
<b>Lab ID:</b>	1502265-001A	<b>Received Date:</b>	2/5/2015 9:45:00 AM
<b>Location:</b>	021	<b>Compliance Safe:</b>	NO
<b>Matrix:</b>	Aqueous		

Analyses	Result	RL	Qual	Units	MCL	DF	
EPA 200.8: METALS							Analyst: DBD
SDWIS							Date Analyzed
1005 Arsenic	0.011	0.0050	*	mg/L	0.010	5	2/23/2015 3:32:38 PM

- Qualifiers:**
- \* Value exceeds Maximum Contaminant Level.
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - O RSD is greater than RSDlimit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limits
  - B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Reporting Limit
  - P Sample pH Not In Range
  - RL Reporting Detection Limit



Hall Environmental Analysis Laboratory  
 4901 Hawkins NE  
 Albuquerque, NM 87109  
 TEL: 505-345-3975 FAX: 505-345-4107  
 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: NMED Drinking Water SF

Work Order Number: 1502265

Rcpt No: 1

Received by/date: Jim 02/05/15

Logged By: Ashley Gallegos 2/5/2015 1:16:00 PM 9:45 AM AG

Completed By: Ashley Gallegos 2/6/2015 9:37:32 AM AG

Reviewed By: EO 02/06/15 2/11/15

### Chain of Custody

- Custody seals intact on sample bottles? Yes  No  Not Present
- Is Chain of Custody complete? Yes  No  Not Present
- How was the sample delivered? UPS

### Log In

- Was an attempt made to cool the samples? Yes  No  NA
- Were all samples received at a temperature of >0° C to 6.0° C? Yes  No  NA
- Sample(s) in proper container(s)? Yes  No
- Sufficient sample volume for indicated test(s)? Yes  No
- Are samples (except VOA and ONG) properly preserved? Yes  No
- Was preservative added to bottles? Yes  No  NA
- VOA vials have zero headspace? Yes  No  No VOA Vials
- Were any sample containers received broken? Yes  No
- Does paperwork match bottle labels? Yes  No
- Are matrices correctly identified on Chain of Custody? Yes  No
- Is it clear what analyses were requested? Yes  No
- Were all holding times able to be met? Yes  No

# of preserved bottles checked for pH: 2 (for >12 unless noted)

Adjusted? No

Checked by: AG

### Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_

By Whom: \_\_\_\_\_ Via:  email  Phone  Fax  In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

17. Additional remarks:

### 18. Cooler Information

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	3.3	Good	Yes			



HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

HAL129722

One Form  
Per Sample

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

1502205-001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 3.3 ON ICE	Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:	Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		NMED AREA OFFICE: LAS CRUCES AREA SAMPLER NAME: VALERIE MARQUEZ SAMPLE CONTACT: 575-445-3621		
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD		
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):
Temperature (deg. C):				
Field remarks:				
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite <input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other	Describe:		
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water <input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid	Describe:		
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input checked="" type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2 <input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other <input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3	Describe:		
Analysis Requested:	ARSENIC			
Additional Analytical Requests:				

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name VALERIE MARQUEZ	Signature 	Sampler / Operator ID # 7505	Date of Collection MM/DD/YY 02/03/15	Time of Collection HHMM (24 HR) 1111
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier UPS	Tracking Number / Bill of Lading K0229084073	Date MM/DD/YY 02/04/15	Time HHMM (24 HR) 1430	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY WANGIN	Signature of Receiver 	Date MM/DD/YY 02/05/15	Time HHMM (24 HR) 0915	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Comments:					
Comments:					



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

April 15, 2015

Jose Terrones

Anthony Water Sanitation District  
1155 N 4th

Anthony, NM 88021

TEL:

FAX

RE: R.O. Plant

OrderNo.: 1503D82

Dear Jose Terrones:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/31/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

RECEIVED MAY 07 2015

Analytical Report

Lab Order 1503D82

Date Reported: 4/15/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Anthony Water Sanitation District

Client Sample ID: Tank #4 Finished

Project: R.O. Plant

Collection Date: 3/30/2015 8:45:00 AM

Lab ID: 1503D82-001

Matrix: AQUEOUS

Received Date: 3/31/2015 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA 200.8: METALS</b>							Analyst: DBD
Arsenic	0.0091	0.0010		mg/L	1	4/13/2015 5:20:37 PM	R25474

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	Page 1 of 2
	O RSD is greater than RSDlimit	P Sample pH Not In Range	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503D82

15-Apr-15

Client: Anthony Water Sanitation District

Project: R.O. Plant

Sample ID	LCS	SampType:	LCS	TestCode:	EPA 200.8: Metals					
Client ID:	LCSW	Batch ID:	R25474	RunNo:	25474					
Prep Date:		Analysis Date:	4/13/2015	SeqNo:	754093	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.023	0.0010	0.02500	0	92.6	85	115			

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	R25474	RunNo:	25474					
Prep Date:		Analysis Date:	4/13/2015	SeqNo:	754095	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								

Sample ID	1503D82-001AMS	SampType:	MS	TestCode:	EPA 200.8: Metals					
Client ID:	Tank #4 Finished	Batch ID:	R25474	RunNo:	25474					
Prep Date:		Analysis Date:	4/13/2015	SeqNo:	754559	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.035	0.0010	0.02500	0.009139	102	70	130			

Sample ID	1503D82-001AMSD	SampType:	MSD	TestCode:	EPA 200.8: Metals					
Client ID:	Tank #4 Finished	Batch ID:	R25474	RunNo:	25474					
Prep Date:		Analysis Date:	4/13/2015	SeqNo:	754560	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.035	0.0010	0.02500	0.009139	102	70	130	0.104	20	

Sample ID	LCS	SampType:	LCS	TestCode:	EPA 200.8: Metals					
Client ID:	LCSW	Batch ID:	R25474	RunNo:	25474					
Prep Date:		Analysis Date:	4/13/2015	SeqNo:	754593	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.023	0.0010	0.02500	0	93.2	85	115			

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	R25474	RunNo:	25474					
Prep Date:		Analysis Date:	4/13/2015	SeqNo:	754596	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit



**Sample Log-In Check List**

Client Name: ANTHONY WATER SANI

Work Order Number: 1503D82

ReptNo: 1

Received by/date: AS 03/31/15

Logged By: Cefina Sessa 3/31/2015 9:45:00 AM *Cefina Sessa*

Completed By: Cefina Sessa 3/31/2015 10:42:43 AM *Cefina Sessa*

Reviewed By: *[Signature]* 03/31/15

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? UPS

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0° C Yes  No  NA   
*Not required*
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 10  
 (≤ or >12 unless noted)  
 Adjusted? NO  
 Checked by: *[Signature]*

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	20.1	Good	Yes			





# GE Power & Water Water & Process Technologies

## WATER ANALYSIS REPORT

4000166576  
**ANTHONY WATER AND SANITATION**  
 1127 VAN BUREN  
 Anthony, NM  
 UNITED STATES 88021-9226

Sampled: 07-AUG-2014  
 Reported: 28-AUG-2014  
 Field Rep: Bosquez, Gerardo  
 91003282

	WW#1	<del>ROFW W3</del>	BLEND WTR	<del>RO2 PERM</del>
	<u>Y0814096</u>	<u>Y0814097</u>	<u>Y0814098</u>	<u>Y0814099</u>
pH	8.3	7.9	8.0	6.5
Specific Conductance, at 25°C, µmhos	1930	1900	1450	87
Alkalinity, "P" as CaCO <sub>3</sub> , ppm	0	0	0	0
Alkalinity, "M" as CaCO <sub>3</sub> , ppm	158	197	150	10.3
Sulfur, Total, as SO <sub>4</sub> , ppm	152	189	125	< 0.5
Chloride, as Cl, ppm	437	388	299	17.9
Hardness, Total, as CaCO <sub>3</sub> , ppm	181	207	184	1.6
Calcium Hardness, Total, as CaCO <sub>3</sub> , ppm	101	168	118	1.3
Magnesium Hardness, Total, as CaCO <sub>3</sub> , ppm	78	37	66	0.25
Barium, Total, as Ba, ppm	0.05	0.06	0.037	< 0.005
Strontium, Total, as Sr, ppm	2.1	1.5	2.6	0.007
Copper, Total, as Cu, ppm	< 0.05	< 0.05	0.018	< 0.002
Iron, Total, as Fe, ppm	3.8	0.08	0.099	0.002
Sodium, as Na, ppm	295	290	186	13.7
Potassium, as K, ppm	24	10.8	26	0.4
Aluminum, Total, as Al, ppm	< 0.1	< 0.1	< 0.01	< 0.01



# GE Power & Water Water & Process Technologies

## WATER ANALYSIS REPORT

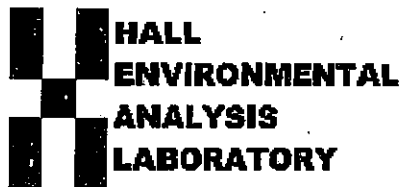
4000166576  
**ANTHONY WATER AND SANITATION**  
 1127 VAN BUREN  
 Anthony, NM  
 UNITED STATES 88021-9226

Sampled: 07-AUG-2014  
 Reported: 28-AUG-2014  
 Field Rep: Bosquez, Gerardo  
 91003282

	WW#1 <u>Y0814096</u>	ROFW W3 <u>Y0814097</u>	BLEND WTR <u>Y0814098</u>	RO2 PERM <u>Y0814099</u>
Manganese, Total, as Mn, ppm	0.02	< 0.01	0.045	0.012
Nitrate, as NO <sub>3</sub> , ppm	< 1	< 1	< 1	< 1
Phosphate, Total, as PO <sub>4</sub> , ppm	< 0.4	< 0.4	< 0.4	< 0.4
Phosphate, Ortho- as PO <sub>4</sub> , ppm	< 0.2	< 0.2	< 0.2	< 0.2
Silica, Total, as SiO <sub>2</sub> , ppm	18.8	45	26	2.4
Fluoride, as F, ppm	0.7	0.5	0.4	< 0.1
<u>Arsenic, Total, as As, ppm</u>	<u>&lt; 0.1</u>	<u>&lt; 0.1</u>	<u>&lt; 0.01</u>	<u>&lt; 0.01</u>
Carbon, Total Organic, as C, ppm	< 1	< 1	< 1	< 1
Turbidity, NTU	9.3	0.2	< 0.1	< 0.1

$$\text{Salt Passage (\%)} = \frac{\text{Permeate Salt Concentration} * 100}{\text{Feed Salt Concentration}}$$





**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

November 21, 2014

Stephanie Stringer

NMED Drinking Water SF

525 Camino de Los Marquez Suite 4

Santa Fe, NM 87505

TEL: (505) 476-8600

FAX

RE: NM3511207  
Anthony W&SD

OrderNo.: 1411315

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/7/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink that reads 'Sarah Edwards'.

Sarah Edwards

Project Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: 1411315

Date Reported: 11/21/2014

Hall Environmental Analysis Laboratory, Inc.

<b>CLIENT:</b>	NMED Drinking Water SF	<b>Client Sample ID:</b>	HAL128978
<b>Facility:</b>	NM3511207 Anthony W&SD	<b>Collection Date:</b>	11/5/2014 11:15:00 AM
<b>Lab ID:</b>	1411315-001A	<b>Received Date:</b>	11/7/2014 9:45:00 AM
<b>Location:</b>	021	<b>Compliance Safe:</b>	YES
<b>Matrix:</b>	Aqueous		

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>EPA 200.8: METALS</b>							Analyst: DBD
<b>SDWIS</b>							Date Analyzed
1005	Arsenic	0.0072	0.0010	mg/L	0.010	1	11/17/2014 2:54:53 PM

- |                    |   |  |
|--------------------|---|--|
| <b>Qualifiers:</b> | * Value exceeds Maximum Contaminant Level.        | B Analyte detected in the associated Method Blank    |
|                    | E Value above quantitation range                  | H Holding times for preparation or analysis exceeded |
|                    | J Analyte detected below quantitation limits      | ND Not Detected at the Reporting Limit               |
|                    | O RSD is greater than RSDlimit                    | P Sample pH greater than 2.                          |
|                    | R RPD outside accepted recovery limits            | RL Reporting Detection Limit                         |
|                    | S Spike Recovery outside accepted recovery limits |  |

**Sample Log-In Check List**

Client Name: NMED Drinking Water SF

Work Order Number: 1411315

RcptNo: 1

Received by/date: mmg 11/07/2014

Logged By: Ashley Gallegos 11/7/2014 9:45:00 AM *AG*

Completed By: Ashley Gallegos 11/7/2014 4:39:56 PM *AG*

Reviewed By: *AG* 11/10/14

**Chain of Custody**

1. Custody seals intact on sample bottles? Yes  No  Not Present
2. Is Chain of Custody complete? Yes  No  Not Present
3. How was the sample delivered? UPS

**Log In**

4. Was an attempt made to cool the samples? Yes  No  NA
5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
6. Sample(s) in proper container(s)? Yes  No
7. Sufficient sample volume for indicated test(s)? Yes  No
8. Are samples (except VOA and ONG) properly preserved? Yes  No
9. Was preservative added to bottles? Yes  No  NA
10. VOA vials have zero headspace? Yes  No  No VOA Vials
11. Were any sample containers received broken? Yes  No
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
13. Are matrices correctly identified on Chain of Custody? Yes  No
14. Is it clear what analyses were requested? Yes  No
15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: JA

**Special Handling (if applicable)**

16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	2.70	Good	Yes			

*mmg*  
11/10/14

HAL128978

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

One Form  
Per Sample

1411315-001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 2.0°C	Field preservation confirmed		
	SUBMITTER CODE (3-digit): 070		LAB REMARKS:		
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab	Date/Initial:	
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO		SAMPLE CONTACT: 575-524-6300	
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD			
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211		
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):	Temperature (deg. C):
	Field remarks:				
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite			Describe:	
	<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other				
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input checked="" type="checkbox"/> Filtered water			Describe:	
	<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid				
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input checked="" type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2			Describe:	
	<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other <input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3				

Analysis Requested: ARSENIC

Additional Analytical Requests:

**CHAIN OF CUSTODY**  
MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name	Signature	Sampler / Operator ID #	Date of Collection	Time of Collection
	ANTONIO ROMERO	<i>[Signature]</i>	2265	11-5-14	11:15
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier	Tracking Number / Bill of Lading	Date	Time	
	URS	K1277 908 420 0	11-6-14	13:00	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date	Time	
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver	Signature of Receiver	Date	Time
	Michelle Garcia	<i>[Signature]</i>	11/07/14	0945
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				

Comments:

Comments:





**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

February 11, 2015

Stephanie Stringer

NMED Drinking Water SF  
525 Camino de Los Marquez Suite 4

Santa Fe, NM 87505

TEL: (505) 476-8600

FAX

RE: NM3511207  
Anthony W&SD

OrderNo.: 1502251

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/5/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sarah Cameron', with a stylized flourish at the end.

Sarah Cameron

Project Manager

4901 Hawkins NE

Albuquerque, NM 87109

RECEIVED FEB 18 2015

Analytical Report

Lab Order: 1502251

Date Reported: 2/11/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NMED Drinking Water SF
Facility: NM3511207 Anthony W&SD
Lab ID: 1502251-001A
Location: 021
Matrix: Aqueous

Client Sample ID: HAL129721
Collection Date: 2/3/2015 11:10:00 AM
Received Date: 2/5/2015 9:45:00 AM
Compliance Safe: YES

Table with columns: Analyses, Result, RL, Qual, Units, MCL, DF. Row 1: EPA METHOD 300.0: ANIONS, Analyst: LGT. Row 2: SDWIS, Date Analyzed. Row 3: 1038 Nitrate+Nitrite as N, ND, 1.0, mg/L, 10, 5, 2/10/2015 1:17:21 AM

RECEIVED FEB 10 2015

- Qualifiers: \* Value exceeds Maximum Contaminant Level. B Analyte detected in the associated Method Blank
E Value above quantitation range H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit P Sample pH Not In Range
R RPD outside accepted recovery limits RL Reporting Detection Limit
S Spike Recovery outside accepted recovery limits



Hall Environmental Analysis Laboratory  
 4901 Hawks NE  
 Albuquerque, NM 87105  
 TEL: 505-345-3975 FAX: 505-345-4107  
 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: NMED Drinking Water SF

Work Order Number: 1502251

RcptNo: 1

Received by/date: Am 02/05/15

Logged By: Ashley Gallegos 2/5/2015 9:45:00 AM AG

Completed By: Ashley Gallegos 2/5/2015 4:32:02 PM AG

Reviewed By: IO 02/06/15

### Chain of Custody

- Custody seals intact on sample bottles? Yes  No  Not Present
- Is Chain of Custody complete? Yes  No  Not Present
- How was the sample delivered? UPS

### Log In

- Was an attempt made to cool the samples? Yes  No  NA
- Were all samples received at a temperature of >0° C to 6.0°C? Yes  No  NA
- Sample(s) in proper container(s)? Yes  No
- Sufficient sample volume for indicated test(s)? Yes  No
- Are samples (except VOA and ONG) properly preserved? Yes  No
- Was preservative added to bottles? Yes  No  NA
- VOA vials have zero headspace? Yes  No  No VOA Vials
- Were any sample containers received broken? Yes  No
- Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
- Are matrices correctly identified on Chain of Custody? Yes  No
- Is it clear what analyses were requested? Yes  No
- Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: 1  
 (2 or >12 unless noted)

Adjusted? No

Checked by: JA

### Special Handling (if applicable)

- Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_

By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

17. Additional remarks:

### 18. Cooler Information

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	3.3	Good	Yes			

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Request ID Here

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

HAL129721

Form  
Sample

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

1502251001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): <b>3.3 ON ICE</b> <small>Field preservation confirmed</small>	
SUBMITTER CODE (3-digit): <b>070</b>		LAB REMARKS:	Date/Initial:
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service)		<input type="radio"/> 55420 (DWB-non-reg. contaminants)	<input type="radio"/> 64000 (Individual client fee-for-service)
NMED AREA OFFICE: <b>LAS CRUCES AREA</b>		SAMPLER NAME: <b>VALERIE MARQUEZ</b>	SAMPLE CONTACT: <b>575-445-3621</b>
WATER SYSTEM ID: <b>NM3511207</b>		WATER SYSTEM NAME: <b>ANTHONY W&amp;SD</b>	
FACILITY/LOCATION: <b>TREATMENT PLANT #7</b>		FACILITY ID: <b>11207021</b>	SAMPLING POINT ID: <b>SP112070211</b>
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:
Field remarks:		Conductivity (uS/cm):	Temperature (deg. C):
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite	Describe:	
<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water	Describe:	
<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <= 2 <input checked="" type="checkbox"/> H2SO4 added to pH <= 2	Describe:	
<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other			
<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			
Analysis Requested:	<b>NITRATE-NITRITE</b>		
Additional Analytical Requests:			
<b>CHAIN OF CUSTODY</b>			
<b>MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES</b>			
Sample was Collected By:	Print Name <b>VALERIE MARQUEZ</b>	Signature <i>Valerie Marquez</i>	Sampler / Operator ID # <b>7505</b>
			Date of Collection MM/DD/YY <b>02/03/15</b>
			Time of Collection HHMM (24 HR) <b>1110</b>
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged			
Placed in Care of:	Print Name of Carrier <b>UPS</b>	Tracking Number / Bill of Lading <b>K0229084273</b>	Date MM/DD/YY <b>02/04/15</b>
			Time HHMM (24 HR) <b>1430</b>
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged			
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY
			Time HHMM (24 HR)
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged			
<b>TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY</b>			
Relinquished by:	Print Name of Receiver <i>Lindsay Mangum</i>	Signature of Receiver <i>Lindsay Mangum</i>	Date MM/DD/YY <b>02/05/15</b>
			Time HHMM (24 HR) <b>0945</b>
Tamper-Proof Seal - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged			
Comments:			
Comments:			

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Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 09, 2014

Tim Amodeo  
Anthony Water Sanitation District  
PO Box 1751  
Anthony, NM 88021  
TEL:  
FAX

RE: Well #'s 1,3,6,4

OrderNo.: 1405A24

Dear Tim Amodeo:

Hall Environmental Analysis Laboratory received 5 sample(s) on 5/23/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: Well #1

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 10:30:00 AM

Lab ID: 1405A24-001

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>HALOACETIC ACID BY 552.3</b>							Analyst: JME
Bromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:20:01 PM	13407
Chloroacetic Acid	ND	2.00		µg/L	1	5/29/2014 4:20:01 PM	13407
Dibromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:20:01 PM	13407
Dichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:20:01 PM	13407
Trichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:20:01 PM	13407
Total Haloacetic Acids	ND	1.00		µg/L	1	5/29/2014 4:20:01 PM	13407
Surr: 2-bromobutanoic acid	94.8	70-130		%REC	1	5/29/2014 4:20:01 PM	13407
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JRR
Fluoride	0.59	0.10		mg/L	1	5/23/2014 2:48:24 PM	R18850
Chloride	390	25	*	mg/L	50	5/28/2014 4:51:28 AM	R18881
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	5/23/2014 3:25:38 PM	R18850
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	5/23/2014 2:48:24 PM	R18850
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	5/23/2014 2:48:24 PM	R18850
Sulfate	150	10		mg/L	20	5/23/2014 3:25:38 PM	R18850
<b>EPA METHOD 200.7: METALS</b>							Analyst: JLF
Aluminum	ND	0.020		mg/L	1	5/30/2014 11:10:23 AM	R18943
Barium	0.058	0.0020		mg/L	1	5/30/2014 11:10:23 AM	R18943
Cadmium	ND	0.0020		mg/L	1	5/30/2014 11:10:23 AM	R18943
Calcium	58	1.0		mg/L	1	5/30/2014 11:10:23 AM	R18943
Chromium	ND	0.0060		mg/L	1	5/30/2014 11:10:23 AM	R18943
Copper	ND	0.0060		mg/L	1	5/30/2014 11:10:23 AM	R18943
Iron	1.8	0.10	*	mg/L	5	5/30/2014 12:45:43 PM	R18943
Magnesium	21	1.0		mg/L	1	5/30/2014 11:10:23 AM	R18943
Manganese	0.026	0.0020		mg/L	1	5/30/2014 11:10:23 AM	R18943
Nickel	ND	0.010		mg/L	1	5/30/2014 11:10:23 AM	R18943
Potassium	25	1.0		mg/L	1	5/30/2014 11:10:23 AM	R18943
Silicon	16	0.40		mg/L	5	5/30/2014 12:45:43 PM	R18943
Silver	ND	0.0050		mg/L	1	5/30/2014 11:10:23 AM	R18943
Sodium	300	5.0		mg/L	5	5/30/2014 12:45:43 PM	R18943
Zinc	0.013	0.010		mg/L	1	5/30/2014 11:10:23 AM	R18943
<b>EPA 200.8: METALS</b>							Analyst: DBD
Arsenic	0.013	0.0010	*	mg/L	1	6/3/2014 11:38:37 AM	R19007
Lead	0.0013	0.0010		mg/L	1	6/3/2014 11:38:37 AM	R19007
Selenium	0.0022	0.0010		mg/L	1	6/3/2014 11:38:37 AM	R19007
Uranium	0.0045	0.0010		mg/L	1	6/2/2014 4:09:30 PM	R18997
<b>SM2340B: HARDNESS</b>							Analyst: JLF
Hardness (As CaCO3)	230	6.6		mg/L	1	5/30/2014 10:18:00 AM	R18943

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: Well #1

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 10:30:00 AM

Lab ID: 1405A24-001

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
Benzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Carbon tetrachloride	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Chlorobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,4-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Ethylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Methylene chloride	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Styrene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Tetrachloroethene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Toluene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1,1-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1,2-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Trichloroethene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Vinyl chloride	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Total Xylenes	ND	1.5		µg/L	1	5/28/2014 3:20:46 PM	R18964
Bromobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Bromochloromethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Bromomethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Chloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Chloromethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
2-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
4-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Dibromomethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,3-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,3-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Hexachlorobutadiene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Isopropylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Methyl tert-butyl ether	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
n-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
n-Propylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit		Page 2 of 31
	R	RPD outside accepted recovery limits	P	Sample pH greater than 2.
	S	Spike Recovery outside accepted recovery limits	RL	Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: Well #1

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 10:30:00 AM

Lab ID: 1405A24-001

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
sec-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
tert-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Trichlorofluoromethane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2,3-Trichloropropane	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 3:20:46 PM	R18964
Surr: Toluene-d8	86.3	70-130		%REC	1	5/28/2014 3:20:46 PM	R18964
Surr: 4-Bromofluorobenzene	88.6	70-130		%REC	1	5/28/2014 3:20:46 PM	R18964
<b>EPA METHOD 524.2: TTHM</b>							Analyst: RAA
Chloroform	ND	5.00		µg/L	10	5/28/2014 11:31:35 PM	R18964
Bromodichloromethane	ND	5.00		µg/L	10	5/28/2014 11:31:35 PM	R18964
Dibromochloromethane	ND	5.00		µg/L	10	5/28/2014 11:31:35 PM	R18964
Bromoform	ND	5.00		µg/L	10	5/28/2014 11:31:35 PM	R18964
Total Trihalomethanes	ND	10.0		µg/L	10	5/28/2014 11:31:35 PM	R18964
Surr: Toluene-d8	87.3	70-130		%REC	10	5/28/2014 11:31:35 PM	R18964
Surr: 4-Bromofluorobenzene	85.2	70-130		%REC	10	5/28/2014 11:31:35 PM	R18964
<b>SM4500-H+B: PH</b>							Analyst: JML
pH	7.99	1.68	H	pH units	1	5/23/2014 5:38:44 PM	R18849
<b>SM2320B: ALKALINITY</b>							Analyst: JML
Bicarbonate (As CaCO3)	180	20		mg/L CaCO3	1	5/23/2014 5:38:44 PM	R18849
Carbonate (As CaCO3)	ND	2.0		mg/L CaCO3	1	5/23/2014 5:38:44 PM	R18849
Total Alkalinity (as CaCO3)	180	20		mg/L CaCO3	1	5/23/2014 5:38:44 PM	R18849
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: KS
Total Dissolved Solids	1160	20.0	*	mg/L	1	5/30/2014 12:56:00 PM	13406

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E Value above quantitation range	J Analyte detected below quantitation limits	H Holding times for preparation or analysis exceeded
O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits	P Sample pH greater than 2.
S Spike Recovery outside accepted recovery limits		RL Reporting Detection Limit



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: Well #3

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 11:15:00 AM

Lab ID: 1405A24-002

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>HALOACETIC ACID BY 552.3</b>							Analyst: JME
Bromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:48:22 PM	13407
Chloroacetic Acid	ND	2.00		µg/L	1	5/29/2014 4:48:22 PM	13407
Dibromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:48:22 PM	13407
Dichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:48:22 PM	13407
Trichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 4:48:22 PM	13407
Total Haloacetic Acids	ND	1.00		µg/L	1	5/29/2014 4:48:22 PM	13407
Surr: 2-bromobutanoic acid	96.4	70-130		%REC	1	5/29/2014 4:48:22 PM	13407
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JRR
Fluoride	0.43	0.10		mg/L	1	5/23/2014 4:02:51 PM	R18850
Chloride	380	25	*	mg/L	50	5/28/2014 5:03:53 AM	R18881
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	5/23/2014 4:02:51 PM	R18850
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	5/23/2014 4:02:51 PM	R18850
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	5/23/2014 4:02:51 PM	R18850
Sulfate	120	10		mg/L	20	5/23/2014 4:15:17 PM	R18850
<b>EPA METHOD 200.7: METALS</b>							Analyst: JLF
Aluminum	ND	0.020		mg/L	1	5/30/2014 11:12:04 AM	R18943
Barium	0.044	0.0020		mg/L	1	5/30/2014 11:12:04 AM	R18943
Cadmium	ND	0.0020		mg/L	1	5/30/2014 11:12:04 AM	R18943
Calcium	37	1.0		mg/L	1	5/30/2014 11:12:04 AM	R18943
Chromium	ND	0.0060		mg/L	1	5/30/2014 11:12:04 AM	R18943
Copper	ND	0.0060		mg/L	1	5/30/2014 11:12:04 AM	R18943
Iron	3.9	0.10	*	mg/L	5	5/30/2014 12:47:35 PM	R18943
Magnesium	12	1.0		mg/L	1	5/30/2014 11:12:04 AM	R18943
Manganese	0.12	0.0020	*	mg/L	1	5/30/2014 11:12:04 AM	R18943
Nickel	ND	0.010		mg/L	1	5/30/2014 11:12:04 AM	R18943
Potassium	13	1.0		mg/L	1	5/30/2014 11:12:04 AM	R18943
Silicon	10	0.40		mg/L	5	5/30/2014 12:47:35 PM	R18943
Silver	ND	0.0050		mg/L	1	5/30/2014 11:12:04 AM	R18943
Sodium	300	5.0		mg/L	5	5/30/2014 12:47:35 PM	R18943
Zinc	ND	0.010		mg/L	1	5/30/2014 11:12:04 AM	R18943
<b>EPA 200.8: METALS</b>							Analyst: DBD
Arsenic	0.0079	0.0050		mg/L	5	6/3/2014 11:50:51 AM	R19007
Lead	ND	0.0050		mg/L	5	6/3/2014 11:50:51 AM	R19007
Selenium	ND	0.0050		mg/L	5	6/3/2014 11:50:51 AM	R19007
Uranium	ND	0.0050		mg/L	5	6/3/2014 11:50:51 AM	R19007
<b>SM2340B: HARDNESS</b>							Analyst: JLF
Hardness (As CaCO3)	140	6.6		mg/L	1	5/30/2014 10:18:00 AM	R18943

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: Well #3

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 11:15:00 AM

Lab ID: 1405A24-002

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
Benzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Carbon tetrachloride	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Chlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,4-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Ethylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Methylene chloride	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Styrene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Tetrachloroethene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Toluene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1,1-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1,2-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Trichloroethene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Vinyl chloride	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Total Xylenes	ND	1.5		µg/L	1	5/28/2014 4:01:45 PM	R18964
Bromobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Bromochloromethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Bromomethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Chloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Chloromethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
2-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
4-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Dibromomethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,3-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,3-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Hexachlorobutadiene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Isopropylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Methyl tert-butyl ether	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
n-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
n-Propylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E Value above quantitation range	J Analyte detected below quantitation limits	H Holding times for preparation or analysis exceeded
O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits	P Sample pH greater than 2.
		RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: Well #3

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 11:15:00 AM

Lab ID: 1405A24-002

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							
							Analyst: RAA
sec-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
tert-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Trichlorofluoromethane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2,3-Trichloropropane	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 4:01:45 PM	R18964
Surr: Toluene-d8	88.5	70-130		%REC	1	5/28/2014 4:01:45 PM	R18964
Surr: 4-Bromofluorobenzene	92.0	70-130		%REC	1	5/28/2014 4:01:45 PM	R18964
<b>EPA METHOD 524.2: TTHM</b>							
							Analyst: RAA
Chloroform	ND	5.00		µg/L	10	5/29/2014 12:12:19 AM	R18964
Bromodichloromethane	ND	5.00		µg/L	10	5/29/2014 12:12:19 AM	R18964
Dibromochloromethane	ND	5.00		µg/L	10	5/29/2014 12:12:19 AM	R18964
Bromoform	ND	5.00		µg/L	10	5/29/2014 12:12:19 AM	R18964
Total Trihalomethanes	ND	10.0		µg/L	10	5/29/2014 12:12:19 AM	R18964
Surr: Toluene-d8	85.4	70-130		%REC	10	5/29/2014 12:12:19 AM	R18964
Surr: 4-Bromofluorobenzene	86.4	70-130		%REC	10	5/29/2014 12:12:19 AM	R18964
<b>SM4500-H+B: PH</b>							
							Analyst: JML
pH	8.32	1.68	H	pH units	1	5/23/2014 6:25:10 PM	R18849
<b>SM2320B: ALKALINITY</b>							
							Analyst: JML
Bicarbonate (As CaCO3)	170	20		mg/L CaCO3	1	5/23/2014 6:25:10 PM	R18849
Carbonate (As CaCO3)	ND	2.0		mg/L CaCO3	1	5/23/2014 6:25:10 PM	R18849
Total Alkalinity (as CaCO3)	170	20		mg/L CaCO3	1	5/23/2014 6:25:10 PM	R18849
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							
							Analyst: KS
Total Dissolved Solids	1030	40.0	*	mg/L	1	5/30/2014 12:56:00 PM	13406

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order I405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: MW#6

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 9:30:00 AM

Lab ID: 1405A24-003

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>HALOACETIC ACID BY 552.3</b>							Analyst: JME
Bromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:16:45 PM	13407
Chloroacetic Acid	ND	2.00		µg/L	1	5/29/2014 5:16:45 PM	13407
Dibromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:16:45 PM	13407
Dichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:16:45 PM	13407
Trichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:16:45 PM	13407
Total Haloacetic Acids	ND	1.00		µg/L	1	5/29/2014 5:16:45 PM	13407
Surr: 2-bromobutanoic acid	91.9	70-130		%REC	1	5/29/2014 5:16:45 PM	13407
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JRR
Fluoride	1.2	0.10		mg/L	1	5/23/2014 4:27:41 PM	R18850
Chloride	400	10	*	mg/L	20	5/23/2014 4:40:06 PM	R18850
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	5/23/2014 4:27:41 PM	R18850
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	5/23/2014 4:27:41 PM	R18850
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	5/23/2014 4:27:41 PM	R18850
Sulfate	100	10		mg/L	20	5/23/2014 4:40:06 PM	R18850
<b>EPA METHOD 200.7: METALS</b>							Analyst: JLF
Aluminum	ND	0.020		mg/L	1	6/4/2014 2:56:22 PM	13460
Barium	0.063	0.0020		mg/L	1	6/4/2014 2:56:22 PM	13460
Cadmium	ND	0.0020		mg/L	1	6/4/2014 2:56:22 PM	13460
Calcium	4.5	1.0		mg/L	1	6/4/2014 2:56:22 PM	13460
Chromium	ND	0.0060		mg/L	1	6/4/2014 2:56:22 PM	13460
Copper	ND	0.0060		mg/L	1	6/4/2014 2:56:22 PM	13460
Iron	13	0.40	*	mg/L	20	6/4/2014 4:21:57 PM	13460
Magnesium	8.6	1.0		mg/L	1	6/4/2014 2:56:22 PM	13460
Manganese	0.013	0.0020		mg/L	1	6/4/2014 2:56:22 PM	13460
Nickel	ND	0.010		mg/L	1	6/4/2014 2:56:22 PM	13460
Potassium	23	1.0		mg/L	1	6/4/2014 2:56:22 PM	13460
Silicon	1.7	0.080		mg/L	1	6/6/2014 1:44:47 PM	13460
Silver	ND	0.0050		mg/L	1	6/4/2014 2:56:22 PM	13460
Sodium	330	5.0		mg/L	5	6/4/2014 4:17:20 PM	13460
Zinc	ND	0.010		mg/L	1	6/4/2014 2:56:22 PM	13460
<b>EPA 200.8: METALS</b>							Analyst: DBD
Arsenic	0.0019	0.0010		mg/L	1	6/3/2014 3:56:31 PM	13460
Lead	0.0015	0.0010		mg/L	1	6/3/2014 3:56:31 PM	13460
Selenium	0.0013	0.0010		mg/L	1	6/3/2014 3:56:31 PM	13460
Uranium	ND	0.0010		mg/L	1	6/3/2014 3:56:31 PM	13460
<b>SM2340B: HARDNESS</b>							Analyst: JLF
Hardness (As CaCO3)	47	6.6		mg/L	1	6/4/2014 1:38:00 PM	R19051

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E Value above quantitation range	J Analyte detected below quantitation limits	H Holding times for preparation or analysis exceeded
O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits		P Sample pH greater than 2.
		RL Reporting Detection Limit



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: MW#6

Project: Well #s 1,3,6,4

Collection Date: 5/22/2014 9:30:00 AM

Lab ID: 1405A24-003

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
Benzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Carbon tetrachloride	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Chlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,4-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Ethylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Methylene chloride	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Styrene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Tetrachloroethene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Toluene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1,1-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1,2-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Trichloroethene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Vinyl chloride	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Total Xylenes	ND	1.5		µg/L	1	5/28/2014 4:42:39 PM	R18964
Bromobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Bromochloromethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Bromomethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Chloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Chloromethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
2-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
4-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Dibromomethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,3-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,3-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Hexachlorobutadiene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Isopropylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Methyl tert-butyl ether	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
n-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
n-Propylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E Value above quantitation range	J Analyte detected below quantitation limits	H Holding times for preparation or analysis exceeded
O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits		P Sample pH greater than 2.
		RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order 1405A24  
 Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District      Client Sample ID: MW#6  
 Project: Well #'s 1,3,6,4      Collection Date: 5/22/2014 9:30:00 AM  
 Lab ID: 1405A24-003      Matrix: AQUEOUS      Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
sec-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
tert-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Trichlorofluoromethane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2,3-Trichloropropane	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 4:42:39 PM	R18964
Surr: Toluene-d8	88.6	70-130		%REC	1	5/28/2014 4:42:39 PM	R18964
Surr: 4-Bromofluorobenzene	88.6	70-130		%REC	1	5/28/2014 4:42:39 PM	R18964
<b>EPA METHOD 524.2: TTHM</b>							Analyst: RAA
Chloroform	ND	5.00		µg/L	10	5/29/2014 12:53:02 AM	R18964
Bromodichloromethane	ND	5.00		µg/L	10	5/29/2014 12:53:02 AM	R18964
Dibromochloromethane	ND	5.00		µg/L	10	5/29/2014 12:53:02 AM	R18964
Bromoform	ND	5.00		µg/L	10	5/29/2014 12:53:02 AM	R18964
Total Trihalomethanes	ND	10.0		µg/L	10	5/29/2014 12:53:02 AM	R18964
Surr: Toluene-d8	86.0	70-130		%REC	10	5/29/2014 12:53:02 AM	R18964
Surr: 4-Bromofluorobenzene	86.9	70-130		%REC	10	5/29/2014 12:53:02 AM	R18964
<b>SM4500-H+B: PH</b>							Analyst: JML
pH	9.21	1.68	*H	pH units	1	5/23/2014 7:07:54 PM	R18849
<b>SM2320B: ALKALINITY</b>							Analyst: JML
Bicarbonate (As CaCO3)	150	20		mg/L CaCO3	1	5/23/2014 7:07:54 PM	R18849
Carbonate (As CaCO3)	46	2.0		mg/L CaCO3	1	5/23/2014 7:07:54 PM	R18849
Total Alkalinity (as CaCO3)	190	20		mg/L CaCO3	1	5/23/2014 7:07:54 PM	R18849
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: KS
Total Dissolved Solids	998	40.0	*	mg/L	1	5/30/2014 12:56:00 PM	13406

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: MW#4

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 10:00:00 AM

Lab ID: 1405A24-004

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>HALOACETIC ACID BY 552.3</b>							Analyst: JME
Bromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:45:11 PM	13407
Chloroacetic Acid	ND	2.00		µg/L	1	5/29/2014 5:45:11 PM	13407
Dibromoacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:45:11 PM	13407
Dichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:45:11 PM	13407
Trichloroacetic Acid	ND	1.00		µg/L	1	5/29/2014 5:45:11 PM	13407
Total Haloacetic Acids	ND	1.00		µg/L	1	5/29/2014 5:45:11 PM	13407
Surr: 2-bromobutanoic acid	83.9	70-130		%REC	1	5/29/2014 5:45:11 PM	13407
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JRR
Fluoride	0.26	0.10		mg/L	1	5/23/2014 4:52:30 PM	R18850
Chloride	240	10		mg/L	20	5/23/2014 5:04:55 PM	R18850
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	5/23/2014 4:52:30 PM	R18850
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	5/23/2014 4:52:30 PM	R18850
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	5/23/2014 4:52:30 PM	R18850
Sulfate	83	10		mg/L	20	5/23/2014 5:04:55 PM	R18850
<b>EPA METHOD 200.7: METALS</b>							Analyst: JLF
Aluminum	ND	0.020		mg/L	1	5/30/2014 11:20:43 AM	R18943
Barium	0.030	0.0020		mg/L	1	5/30/2014 11:20:43 AM	R18943
Cadmium	ND	0.0020		mg/L	1	5/30/2014 11:20:43 AM	R18943
Calcium	38	1.0		mg/L	1	5/30/2014 11:20:43 AM	R18943
Chromium	ND	0.0060		mg/L	1	5/30/2014 11:20:43 AM	R18943
Copper	ND	0.0060		mg/L	1	5/30/2014 11:20:43 AM	R18943
Iron	0.024	0.020		mg/L	1	5/30/2014 11:20:43 AM	R18943
Magnesium	14	1.0		mg/L	1	5/30/2014 11:20:43 AM	R18943
Manganese	0.011	0.0020		mg/L	1	5/30/2014 11:20:43 AM	R18943
Nickel	ND	0.010		mg/L	1	5/30/2014 11:20:43 AM	R18943
Potassium	19	1.0		mg/L	1	5/30/2014 11:20:43 AM	R18943
Silicon	11	0.40		mg/L	5	5/30/2014 12:54:30 PM	R18943
Silver	ND	0.0050		mg/L	1	5/30/2014 11:20:43 AM	R18943
Sodium	170	5.0		mg/L	5	5/30/2014 12:54:30 PM	R18943
Zinc	ND	0.010		mg/L	1	5/30/2014 11:20:43 AM	R18943
<b>EPA 200.8: METALS</b>							Analyst: DBD
Arsenic	0.0082	0.0010		mg/L	1	6/3/2014 11:56:57 AM	R19007
Lead	0.0014	0.0010		mg/L	1	6/3/2014 11:56:57 AM	R19007
Selenium	0.0010	0.0010		mg/L	1	6/3/2014 11:56:57 AM	R19007
Uranium	0.0029	0.0010		mg/L	1	6/2/2014 4:29:35 PM	R18997
<b>SM2340B: HARDNESS</b>							Analyst: JLF
Hardness (As CaCO3)	150	6.6		mg/L	1	5/30/2014 10:18:00 AM	R18943

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: \* Value exceeds Maximum Contaminant Level.  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 O RSD is greater than RSDlimit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 P Sample pH greater than 2.  
 RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: MW#4

Project: Well #'s 1,3,6,4

Collection Date: 5/22/2014 10:00:00 AM

Lab ID: 1405A24-004

Matrix: AQUEOUS

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
Benzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Carbon tetrachloride	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Chlorobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,4-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Ethylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Methylene chloride	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Styrene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Tetrachloroethene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Toluene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1,1-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1,2-Trichloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Trichloroethene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Vinyl chloride	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Total Xylenes	ND	1.5		µg/L	1	5/28/2014 5:23:37 PM	R18964
Bromobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Bromochloromethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Bromomethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Chloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Chloromethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
2-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
4-Chlorotoluene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Dibromomethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,3-Dichlorobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1-Dichloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,3-Dichloropropane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Hexachlorobutadiene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Isopropylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Methyl tert-butyl ether	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
n-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
n-Propylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: \* Value exceeds Maximum Contaminant Level.  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 O RSD is greater than RSDlimit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 P Sample pH greater than 2.  
 RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District      Client Sample ID: MW#4  
 Project: Well #'s 1,3,6,4      Collection Date: 5/22/2014 10:00:00 AM  
 Lab ID: 1405A24-004      Matrix: AQUEOUS      Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
sec-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
tert-Butylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Trichlorofluoromethane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2,3-Trichloropropane	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	5/28/2014 5:23:37 PM	R18964
Surr: Toluene-d8	84.8	70-130		%REC	1	5/28/2014 5:23:37 PM	R18964
Surr: 4-Bromofluorobenzene	87.8	70-130		%REC	1	5/28/2014 5:23:37 PM	R18964
<b>EPA METHOD 524.2: TTHM</b>							Analyst: RAA
Chloroform	ND	5.00		µg/L	10	5/29/2014 1:33:44 AM	R18964
Bromodichloromethane	ND	5.00		µg/L	10	5/29/2014 1:33:44 AM	R18964
Dibromochloromethane	ND	5.00		µg/L	10	5/29/2014 1:33:44 AM	R18964
Bromoform	ND	5.00		µg/L	10	5/29/2014 1:33:44 AM	R18964
Total Trihalomethanes	ND	10.0		µg/L	10	5/29/2014 1:33:44 AM	R18964
Surr: Toluene-d8	86.9	70-130		%REC	10	5/29/2014 1:33:44 AM	R18964
Surr: 4-Bromofluorobenzene	84.0	70-130		%REC	10	5/29/2014 1:33:44 AM	R18964
<b>SM4500-H+B: PH</b>							Analyst: JML
pH	7.97	1.68	H	pH units	1	5/23/2014 7:23:19 PM	R18849
<b>SM2320B: ALKALINITY</b>							Analyst: JML
Bicarbonate (As CaCO3)	120	20		mg/L CaCO3	1	5/23/2014 7:23:19 PM	R18849
Carbonate (As CaCO3)	ND	2.0		mg/L CaCO3	1	5/23/2014 7:23:19 PM	R18849
Total Alkalinity (as CaCO3)	120	20		mg/L CaCO3	1	5/23/2014 7:23:19 PM	R18849
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: KS
Total Dissolved Solids	688	20.0	*	mg/L	1	5/30/2014 12:56:00 PM	13406

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1405A24

Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District

Client Sample ID: TRIP BLANK

Project: Well #'s 1,3,6,4

Collection Date:

Lab ID: 1405A24-005

Matrix: TRIP BLANK

Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
Benzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Carbon tetrachloride	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Chlorobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2-Dichlorobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,4-Dichlorobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2-Dichloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1-Dichloroethene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2-Dichloropropane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Ethylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Methylene chloride	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Styrene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Tetrachloroethene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Toluene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1,1-Trichloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1,2-Trichloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Trichloroethene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Vinyl chloride	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Total Xylenes	ND	1.5		µg/L	1	6/3/2014 12:10:17 PM	R19025
Bromobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Bromochloromethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Bromomethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Chloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Chloromethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
2-Chlorotoluene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
4-Chlorotoluene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Dibromomethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,3-Dichlorobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1-Dichloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,3-Dichloropropane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1-Dichloropropene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Hexachlorobutadiene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Isopropylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Methyl tert-butyl ether	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
n-Butylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
n-Propylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order 1405A24  
 Date Reported: 6/9/2014

CLIENT: Anthony Water Sanitation District      Client Sample ID: TRIP BLANK  
 Project: Well #'s 1,3,6,4      Collection Date:  
 Lab ID: 1405A24-005      Matrix: TRIP BLANK      Received Date: 5/23/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>PURGEABLE ORGANICS BY EPA 524</b>							Analyst: RAA
sec-Butylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
tert-Butylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Trichlorofluoromethane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2,3-Trichloropropane	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	6/3/2014 12:10:17 PM	R19025
Surr: Toluene-d8	86.2	70-130		%REC	1	6/3/2014 12:10:17 PM	R19025
Surr: 4-Bromofluorobenzene	82.5	70-130		%REC	1	6/3/2014 12:10:17 PM	R19025

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

# QC SUMMARY REPORT

WO#: 1405A24  
09-Jun-14

## Full Environmental Analysis Laboratory, Inc.

**Client:** Anthony Water Sanitation District  
**Project:** Well #'s 1,3,6,4

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 200.7: Metals					
Client ID:	PBW	Batch ID:	R18943	RunNo:	18943					
Prep Date:		Analysis Date:	5/30/2014	SeqNo:	547335	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Copper	ND	0.0060								
Iron	ND	0.020								
Magnesium	ND	1.0								
Manganese	ND	0.0020								
Nickel	ND	0.010								
Potassium	ND	1.0								
Silicon	ND	0.080								
Silver	ND	0.0050								
Sodium	ND	1.0								
Zinc	ND	0.010								

Sample ID	LCS	SampType:	LCS	TestCode:	EPA Method 200.7: Metals					
Client ID:	LCSW	Batch ID:	R18943	RunNo:	18943					
Prep Date:		Analysis Date:	5/30/2014	SeqNo:	547336	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0	114	85	115			
Barium	0.49	0.0020	0.5000	0	98.0	85	115			
Cadmium	0.49	0.0020	0.5000	0	97.9	85	115			
Calcium	48	1.0	50.00	0	95.8	85	115			
Chromium	0.51	0.0060	0.5000	0	101	85	115			
Copper	0.48	0.0060	0.5000	0	96.0	85	115			
Iron	0.52	0.020	0.5000	0	104	85	115			
Magnesium	50	1.0	50.00	0	99.1	85	115			
Manganese	0.51	0.0020	0.5000	0	102	85	115			
Nickel	0.48	0.010	0.5000	0	96.3	85	115			
Potassium	47	1.0	50.00	0	94.0	85	115			
Silicon	2.6	0.080	2.500	0	104	85	115			
Silver	0.099	0.0050	0.1000	0	99.1	85	115			
Sodium	48	1.0	50.00	0	97.0	85	115			
Zinc	0.49	0.010	0.5000	0	97.4	85	115			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	MB-13460	SampType:	MBLK	TestCode:	EPA Method 200.7: Metals					
Client ID:	PBW	Batch ID:	13460	RunNo:	19051					
Prep Date:	6/2/2014	Analysis Date:	6/4/2014	SeqNo:	550417	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Copper	ND	0.0060								
Iron	ND	0.020								
Magnesium	ND	1.0								
Manganese	ND	0.0020								
Nickel	ND	0.010								
Potassium	ND	1.0								
Silver	ND	0.0050								
Sodium	ND	1.0								
Zinc	ND	0.010								

Sample ID	LCS-13460	SampType:	LCS	TestCode:	EPA Method 200.7: Metals					
Client ID:	LCSW	Batch ID:	13460	RunNo:	19051					
Prep Date:	6/2/2014	Analysis Date:	6/4/2014	SeqNo:	550418	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.55	0.020	0.5000	0	110	85	115			
Barium	0.48	0.0020	0.5000	0	95.1	85	115			
Cadmium	0.47	0.0020	0.5000	0	94.7	85	115			
Calcium	50	1.0	50.00	0	101	85	115			
Chromium	0.49	0.0060	0.5000	0	98.0	85	115			
Copper	0.48	0.0060	0.5000	0	95.3	85	115			
Iron	0.51	0.020	0.5000	0	102	85	115			
Magnesium	52	1.0	50.00	0	103	85	115			
Manganese	0.49	0.0020	0.5000	0	98.8	85	115			
Nickel	0.46	0.010	0.5000	0	91.9	85	115			
Potassium	50	1.0	50.00	0	99.1	85	115			
Silver	0.094	0.0050	0.1000	0	93.7	85	115			
Sodium	51	1.0	50.00	0	101	85	115			
Zinc	0.46	0.010	0.5000	0	91.5	85	115			

Sample ID	1405A24-003EMS	SampType:	MS	TestCode:	EPA Method 200.7: Metals					
Client ID:	MW#6	Batch ID:	13460	RunNo:	19051					
Prep Date:	6/2/2014	Analysis Date:	6/4/2014	SeqNo:	550444	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Ball Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

Client: Anthony Water Sanitation District

Project: Well #'s 1,3,6,4

Sample ID 1405A24-003EMS		SampType: MS		TestCode: EPA Method 200.7: Metals						
Client ID: MW#6		Batch ID: 13460		RunNo: 19051						
Prep Date: 6/2/2014		Analysis Date: 6/4/2014		SeqNo: 550444			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.61	0.020	0.5000	0.01203	119	70	130			
Barium	0.54	0.0020	0.5000	0.06309	94.6	70	130			
Cadmium	0.48	0.0020	0.5000	0	95.6	70	130			
Calcium	55	1.0	50.00	4.493	102	70	130			
Chromium	0.49	0.0060	0.5000	0	97.9	70	130			
Copper	0.50	0.0060	0.5000	0	101	70	130			
Magnesium	60	1.0	50.00	8.638	103	70	130			
Manganese	0.51	0.0020	0.5000	0.01307	99.1	70	130			
Nickel	0.46	0.010	0.5000	0	92.2	70	130			
Potassium	75	1.0	50.00	23.25	104	70	130			
Silver	0.096	0.0050	0.1000	0	96.2	70	130			
Zinc	0.47	0.010	0.5000	0.008800	93.1	70	130			

Sample ID 1405A24-003EMSD		SampType: MSD		TestCode: EPA Method 200.7: Metals						
Client ID: MW#6		Batch ID: 13460		RunNo: 19051						
Prep Date: 6/2/2014		Analysis Date: 6/4/2014		SeqNo: 550445			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.62	0.020	0.5000	0.01203	121	70	130	1.90	20	
Barium	0.55	0.0020	0.5000	0.06309	96.5	70	130	1.77	20	
Cadmium	0.49	0.0020	0.5000	0	97.6	70	130	2.03	20	
Calcium	56	1.0	50.00	4.493	103	70	130	0.991	20	
Chromium	0.50	0.0060	0.5000	0	100	70	130	2.32	20	
Copper	0.51	0.0060	0.5000	0	102	70	130	1.41	20	
Magnesium	61	1.0	50.00	8.638	104	70	130	0.903	20	
Manganese	0.52	0.0020	0.5000	0.01307	101	70	130	1.55	20	
Nickel	0.47	0.010	0.5000	0	93.8	70	130	1.73	20	
Potassium	76	1.0	50.00	23.25	106	70	130	1.10	20	
Silver	0.099	0.0050	0.1000	0	99.1	70	130	3.06	20	
Zinc	0.48	0.010	0.5000	0.008800	95.2	70	130	2.20	20	

Sample ID 1405A24-003EMS		SampType: MS		TestCode: EPA Method 200.7: Metals						
Client ID: MW#6		Batch ID: 13460		RunNo: 19051						
Prep Date: 6/2/2014		Analysis Date: 6/4/2014		SeqNo: 550482			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	390	5.0	50.00	333.3	115	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit



# QC SUMMARY REPORT

**Ball Environmental Analysis Laboratory, Inc.**

WO#: 1405A24

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	1405A24-003EMSD	SampType:	MSD	TestCode:	EPA Method 200.7: Metals					
Client ID:	MW#6	Batch ID:	13460	RunNo:	19051					
Prep Date:	6/2/2014	Analysis Date:	6/4/2014	SeqNo:	550483	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	390	5.0	50.00	333.3	115	70	130	0.0755	20	

Sample ID	MB-13460	SampType:	MBLK	TestCode:	EPA Method 200.7: Metals					
Client ID:	PBW	Batch ID:	13460	RunNo:	19100					
Prep Date:	6/2/2014	Analysis Date:	6/6/2014	SeqNo:	551761	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Silicon	ND	0.080								

Sample ID	LCS-13460	SampType:	LCS	TestCode:	EPA Method 200.7: Metals					
Client ID:	LCSW	Batch ID:	13460	RunNo:	19100					
Prep Date:	6/2/2014	Analysis Date:	6/6/2014	SeqNo:	551762	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Silicon	2.6	0.080	2.500	0	105	85	115			

Sample ID	1405A24-003EMS	SampType:	MS	TestCode:	EPA Method 200.7: Metals					
Client ID:	MW#6	Batch ID:	13460	RunNo:	19100					
Prep Date:	6/2/2014	Analysis Date:	6/6/2014	SeqNo:	551839	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Silicon	4.4	0.080	2.500	1.651	112	70	130			

Sample ID	1405A24-003EMSD	SampType:	MSD	TestCode:	EPA Method 200.7: Metals					
Client ID:	MW#6	Batch ID:	13460	RunNo:	19100					
Prep Date:	6/2/2014	Analysis Date:	6/6/2014	SeqNo:	551841	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Silicon	4.5	0.080	2.500	1.651	116	70	130	2.35	20	

**Qualifiers:**

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- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

**Ball Environmental Analysis Laboratory, Inc.**

WO#: 1405A24

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	LCS	SampType:	LCS	TestCode:	EPA 200.8: Metals					
Client ID:	LCSW	Batch ID:	R18997	RunNo:	18997					
Prep Date:		Analysis Date:	6/2/2014	SeqNo:	549028	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	0.025	0.0010	0.02500	0	100	85	115			

Sample ID	LCS	SampType:	LCS	TestCode:	EPA 200.8: Metals					
Client ID:	LCSW	Batch ID:	R18997	RunNo:	18997					
Prep Date:		Analysis Date:	6/2/2014	SeqNo:	549029	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	0.025	0.0010	0.02500	0	98.3	85	115			

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	R18997	RunNo:	18997					
Prep Date:		Analysis Date:	6/2/2014	SeqNo:	549031	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	ND	0.0010								

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	R18997	RunNo:	18997					
Prep Date:		Analysis Date:	6/2/2014	SeqNo:	549032	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Uranium	ND	0.0010								

Sample ID	LCS	SampType:	LCS	TestCode:	EPA 200.8: Metals					
Client ID:	LCSW	Batch ID:	R19007	RunNo:	19007					
Prep Date:		Analysis Date:	6/3/2014	SeqNo:	549440	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.024	0.0010	0.02500	0	96.2	85	115			
Lead	0.024	0.0010	0.02500	0	96.1	85	115			
Selenium	0.024	0.0010	0.02500	0	94.9	85	115			
Uranium	0.024	0.0010	0.02500	0	96.0	85	115			

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	R19007	RunNo:	19007					
Prep Date:		Analysis Date:	6/3/2014	SeqNo:	549442	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								

**Qualifiers:**

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- E Value above quantitation range
- J Analyte detected below quantitation limits
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- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

Hall Environmental Analysis Laboratory, Inc.

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	R19007	RunNo:	19007					
Prep Date:		Analysis Date:	6/3/2014	SeqNo:	549442	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	ND	0.0010								
Uranium	ND	0.0010								

Sample ID	LLLCS-13460	SampType:	LCSSL	TestCode:	EPA 200.8: Metals					
Client ID:	BatchQC	Batch ID:	13460	RunNo:	19026					
Prep Date:	6/2/2014	Analysis Date:	6/3/2014	SeqNo:	549834	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.026	0.0010	0.02500	0	102	85	115			
Lead	0.026	0.0010	0.02500	0	103	85	115			
Selenium	0.027	0.0010	0.02500	0	106	85	115			
Uranium	0.027	0.0010	0.02500	0	108	85	115			

Sample ID	MB-13460	SampType:	MBLK	TestCode:	EPA 200.8: Metals					
Client ID:	PBW	Batch ID:	13460	RunNo:	19026					
Prep Date:	6/2/2014	Analysis Date:	6/3/2014	SeqNo:	549837	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								
Uranium	ND	0.0010								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Ball Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

Client: Anthony Water Sanitation District

Project: Well #'s 1,3,6,4

Sample ID <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R18850</b>	RunNo: <b>18850</b>								
Prep Date:	Analysis Date: <b>5/23/2014</b>	SeqNo: <b>544408</b>							Units: <b>mg/L</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R18850</b>	RunNo: <b>18850</b>								
Prep Date:	Analysis Date: <b>5/23/2014</b>	SeqNo: <b>544409</b>							Units: <b>mg/L</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Fluoride	0.49	0.10	0.5000	0	97.8	90	110			
Chloride	4.7	0.50	5.000	0	93.5	90	110			
Nitrogen, Nitrite (As N)	0.92	0.10	1.000	0	92.0	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.5	90	110			
Phosphorus, Orthophosphate (As P)	4.7	0.50	5.000	0	94.5	90	110			
Sulfate	9.4	0.50	10.00	0	93.8	90	110			

Sample ID <b>1405A24-001DMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>Well #1</b>	Batch ID: <b>R18850</b>	RunNo: <b>18850</b>								
Prep Date:	Analysis Date: <b>5/23/2014</b>	SeqNo: <b>544415</b>							Units: <b>mg/L</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Fluoride	1.1	0.10	0.5000	0.5910	95.4	72.7	110			
Nitrogen, Nitrite (As N)	0.80	0.10	1.000	0	80.1	75.5	104			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	104	87.8	111			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	92.6	81.3	101			

Sample ID <b>1405A24-001DMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>Well #1</b>	Batch ID: <b>R18850</b>	RunNo: <b>18850</b>								
Prep Date:	Analysis Date: <b>5/23/2014</b>	SeqNo: <b>544416</b>							Units: <b>mg/L</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Fluoride	1.1	0.10	0.5000	0.5910	95.6	72.7	110	0.103	20	
Nitrogen, Nitrite (As N)	0.81	0.10	1.000	0	80.7	75.5	104	0.759	20	
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	105	87.8	111	0.644	20	
Phosphorus, Orthophosphate (As P)	4.7	0.50	5.000	0	93.0	81.3	101	0.442	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

Client: Anthony Water Sanitation District

Project: Well #'s 1,3,6,4

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID:	R18881	RunNo:	18881					
Prep Date:		Analysis Date:	5/27/2014	SeqNo:	545370	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	LCS	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSW	Batch ID:	R18881	RunNo:	18881					
Prep Date:		Analysis Date:	5/27/2014	SeqNo:	545371	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.9	90	110			

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID:	R18881	RunNo:	18881					
Prep Date:		Analysis Date:	5/27/2014	SeqNo:	545413	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	LCS	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSW	Batch ID:	R18881	RunNo:	18881					
Prep Date:		Analysis Date:	5/27/2014	SeqNo:	545414	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.0	90	110			

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit



# QC SUMMARY REPORT

Ball Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	20mL-rb	SampType:	MBLK	TestCode:	PURGEABLE ORGANICS by EPA 524					
Client ID:	PBW	Batch ID:	R18964	RunNo:	18964					
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547916	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
1,2-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
1,2-Dichloropropane	ND	0.50								
Ethylbenzene	ND	0.50								
Methylene chloride	ND	0.50								
Styrene	ND	0.50								
Tetrachloroethene	ND	0.50								
Toluene	ND	0.50								
trans-1,2-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,1-Trichloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.50								
Trichloroethene	ND	0.50								
Vinyl chloride	ND	0.50								
Total Xylenes	ND	1.5								
Surr: Toluene-d8	1.1		1.250		88.0	70	130			
Surr: 4-Bromofluorobenzene	1.1		1.250		85.8	70	130			

Sample ID	37.5ng ccv_ics	SampType:	LCS	TestCode:	PURGEABLE ORGANICS by EPA 524					
Client ID:	LCSW	Batch ID:	R18964	RunNo:	18964					
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547917	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.0	0.50	1.875	0	106	70	130			
Carbon tetrachloride	1.9	0.50	1.875	0	102	70	130			
Chlorobenzene	2.0	0.50	1.875	0	105	70	130			
cis-1,2-Dichloroethene	2.0	0.50	1.875	0	105	70	130			
1,2-Dichlorobenzene	1.9	0.50	1.875	0	103	70	130			
1,4-Dichlorobenzene	1.8	0.50	1.875	0	98.1	70	130			
1,2-Dichloroethane	2.0	0.50	1.875	0	106	70	130			
1,1-Dichloroethene	1.8	0.50	1.875	0	98.5	70	130			
1,2-Dichloropropane	2.1	0.50	1.875	0	109	70	130			
Ethylbenzene	2.0	0.50	1.875	0	105	70	130			

**Qualifiers:**

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- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

**Ball Environmental Analysis Laboratory, Inc.**

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	37.5ng ccv_ics	SampType:	LCS	TestCode:	PURGEABLE ORGANICS by EPA 524						
Client ID:	LCSW	Batch ID:	R18964	RunNo:	18964						
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547917	Units:	µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Methylene chloride	1.9	0.50	1.875	0	101	70	130				
Styrene	1.9	0.50	1.875	0	99.7	70	130				
Tetrachloroethene	2.0	0.50	1.875	0	104	70	130				
Toluene	2.0	0.50	1.875	0	106	70	130				
trans-1,2-Dichloroethene	1.9	0.50	1.875	0	102	70	130				
1,2,4-Trichlorobenzene	1.9	0.50	1.875	0	103	70	130				
1,1,1-Trichloroethane	1.9	0.50	1.875	0	99.3	70	130				
1,1,2-Trichloroethane	2.0	0.50	1.875	0	109	70	130				
Trichloroethene	2.3	0.50	1.875	0	123	70	130				
Vinyl chloride	1.8	0.50	1.875	0	95.8	70	130				
Total Xylenes	5.7	1.5	5.625	0	101	70	130				
Surr: Toluene-d8	1.1		1.250		86.0	70	130				
Surr: 4-Bromofluorobenzene	1.1		1.250		90.2	70	130				

Sample ID	50ng ccv_ics	SampType:	LCS	TestCode:	PURGEABLE ORGANICS by EPA 524						
Client ID:	LCSW	Batch ID:	R18964	RunNo:	18964						
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547918	Units:	µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	2.6	0.50	2.500	0	104	70	130				
Carbon tetrachloride	2.6	0.50	2.500	0	102	70	130				
Chlorobenzene	2.6	0.50	2.500	0	105	70	130				
cis-1,2-Dichloroethene	2.6	0.50	2.500	0	102	70	130				
1,2-Dichlorobenzene	2.6	0.50	2.500	0	105	70	130				
1,4-Dichlorobenzene	2.6	0.50	2.500	0	102	70	130				
1,2-Dichloroethane	2.7	0.50	2.500	0	108	70	130				
1,1-Dichloroethene	2.5	0.50	2.500	0	98.7	70	130				
1,2-Dichloropropane	2.7	0.50	2.500	0	107	70	130				
Ethylbenzene	2.6	0.50	2.500	0	105	70	130				
Methylene chloride	2.5	0.50	2.500	0	101	70	130				
Styrene	2.5	0.50	2.500	0	101	70	130				
Tetrachloroethene	2.7	0.50	2.500	0	107	70	130				
Toluene	2.6	0.50	2.500	0	103	70	130				
trans-1,2-Dichloroethene	2.6	0.50	2.500	0	103	70	130				
1,2,4-Trichlorobenzene	2.5	0.50	2.500	0	100	70	130				
1,1,1-Trichloroethane	2.6	0.50	2.500	0	103	70	130				
1,1,2-Trichloroethane	2.7	0.50	2.500	0	106	70	130				
Trichloroethene	3.2	0.50	2.500	0	127	70	130				
Vinyl chloride	2.4	0.50	2.500	0	96.2	70	130				

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

Iall Environmental Analysis Laboratory, Inc.

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	50ng ccv_lcs	SampType:	LCS	TestCode:	PURGEABLE ORGANICS by EPA 524					
Client ID:	LCSW	Batch ID:	R18964	RunNo:	18964					
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547918	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Xylenes	7.7	1.5	7.500	0	103	70	130			
Surr: Toluene-d8	1.1		1.250		88.7	70	130			
Surr: 4-Bromofluorobenzene	1.2		1.250		92.0	70	130			

Sample ID	20mL-rb	SampType:	MBLK	TestCode:	PURGEABLE ORGANICS by EPA 524					
Client ID:	PBW	Batch ID:	R19025	RunNo:	19025					
Prep Date:		Analysis Date:	6/3/2014	SeqNo:	549795	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
1,2-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
2-Dichloropropane	ND	0.50								
Ethylbenzene	ND	0.50								
Methylene chloride	ND	0.50								
Styrene	ND	0.50								
Tetrachloroethene	ND	0.50								
Toluene	ND	0.50								
trans-1,2-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,1,1-Trichloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.50								
Trichloroethene	ND	0.50								
Vinyl chloride	ND	0.50								
Total Xylenes	ND	1.5								
Surr: Toluene-d8	1.1		1.250		87.1	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.250		81.8	70	130			

Sample ID	50ng ccv_lcs	SampType:	LCS	TestCode:	PURGEABLE ORGANICS by EPA 524					
Client ID:	LCSW	Batch ID:	R19025	RunNo:	19025					
Prep Date:		Analysis Date:	6/3/2014	SeqNo:	549796	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.6	0.50	2.500	0	104	70	130			
Carbon tetrachloride	2.6	0.50	2.500	0	105	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

**Ball Environmental Analysis Laboratory, Inc.**

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #s 1,3,6,4

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlorobenzene	2.6	0.50	2.500	0	103	70	130			
cis-1,2-Dichloroethene	2.5	0.50	2.500	0	102	70	130			
1,2-Dichlorobenzene	2.5	0.50	2.500	0	100	70	130			
1,4-Dichlorobenzene	2.4	0.50	2.500	0	97.4	70	130			
1,2-Dichloroethane	2.6	0.50	2.500	0	103	70	130			
1,1-Dichloroethene	2.4	0.50	2.500	0	97.8	70	130			
1,2-Dichloropropane	2.6	0.50	2.500	0	105	70	130			
Ethylbenzene	2.5	0.50	2.500	0	99.8	70	130			
Methylene chloride	2.6	0.50	2.500	0	103	70	130			
Styrene	2.5	0.50	2.500	0	99.2	70	130			
Tetrachloroethene	2.6	0.50	2.500	0	106	70	130			
Toluene	2.5	0.50	2.500	0	101	70	130			
trans-1,2-Dichloroethene	2.5	0.50	2.500	0	101	70	130			
1,2,4-Trichlorobenzene	2.5	0.50	2.500	0	99.6	70	130			
1,1,1-Trichloroethane	2.6	0.50	2.500	0	104	70	130			
1,1,2-Trichloroethane	2.7	0.50	2.500	0	106	70	130			
Trichloroethene	2.7	0.50	2.500	0	107	70	130			
vinyl chloride	2.4	0.50	2.500	0	94.5	70	130			
Total Xylenes	7.5	1.5	7.500	0	100	70	130			
Surr: Toluene-d8	1.1		1.250		88.4	70	130			
Surr: 4-Bromofluorobenzene	1.1		1.250		87.2	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

**Ball Environmental Analysis Laboratory, Inc.**

09-Jun-14

**Client:** Anthony Water Sanitation District  
**Project:** Well #'s 1,3,6,4

Sample ID: <b>MB-13407</b>	SampType: <b>MBLK</b>	TestCode: <b>Haloacetic Acid by 552.3</b>								
Client ID: <b>PBW</b>	Batch ID: <b>13407</b>	RunNo: <b>18909</b>								
Prep Date: <b>5/29/2014</b>	Analysis Date: <b>5/29/2014</b>	SeqNo: <b>546739</b>			Units: <b>µg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromoacetic Acid	ND	1.00								
Chloroacetic Acid	ND	2.00								
Dibromoacetic Acid	ND	1.00								
Dichloroacetic Acid	ND	1.00								
Trichloroacetic Acid	ND	1.00								
Total Haloacetic Acids	ND	1.00								
Surr: 2-bromobutanoic acid	9.32		10.00		93.2	70	130			

Sample ID: <b>LCS-13407</b>	SampType: <b>LCS</b>	TestCode: <b>Haloacetic Acid by 552.3</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>13407</b>	RunNo: <b>18909</b>								
Prep Date: <b>5/29/2014</b>	Analysis Date: <b>5/29/2014</b>	SeqNo: <b>546740</b>			Units: <b>µg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromoacetic Acid	9.80	1.00	10.00	0	98.0	70	130			
Chloroacetic Acid	9.67	2.00	10.00	0	96.7	70	130			
Dibromoacetic Acid	10.1	1.00	10.00	0	101	70	130			
Dichloroacetic Acid	9.99	1.00	10.00	0	99.9	70	130			
Trichloroacetic Acid	10.4	1.00	10.00	0	104	70	130			
Total Haloacetic Acids	50.0	1.00	50.00	0	99.9	70	130			
Surr: 2-bromobutanoic acid	9.91		10.00		99.1	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

Client: Anthony Water Sanitation District

Project: Well #'s 1,3,6,4

Sample ID	mb-1	SampType	mblk	TestCode	SM2320B: Alkalinity					
Client ID	PBW	Batch ID	R18849	RunNo	18849					
Prep Date		Analysis Date	5/23/2014	SeqNo	544286	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20								

Sample ID	ics-1	SampType	ics	TestCode	SM2320B: Alkalinity					
Client ID	LCSW	Batch ID	R18849	RunNo	18849					
Prep Date		Analysis Date	5/23/2014	SeqNo	544287	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80	20	80.00	0	100	90	110			

Sample ID	1405a24-001d ms	SampType	ms	TestCode	SM2320B: Alkalinity					
Client ID	Well #1	Batch ID	R18849	RunNo	18849					
Prep Date		Analysis Date	5/23/2014	SeqNo	544305	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	240	20	80.00	182.6	73.0	34.9	123			

Sample ID	1405a24-001d msd	SampType	msd	TestCode	SM2320B: Alkalinity					
Client ID	Well #1	Batch ID	R18849	RunNo	18849					
Prep Date		Analysis Date	5/23/2014	SeqNo	544306	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	240	20	80.00	182.6	66.2	34.9	123	2.28	20	

Sample ID	mb-2	SampType	mblk	TestCode	SM2320B: Alkalinity					
Client ID	PBW	Batch ID	R18849	RunNo	18849					
Prep Date		Analysis Date	5/23/2014	SeqNo	544308	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20								

Sample ID	ics-2	SampType	ics	TestCode	SM2320B: Alkalinity					
Client ID	LCSW	Batch ID	R18849	RunNo	18849					
Prep Date		Analysis Date	5/23/2014	SeqNo	544309	Units	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80	20	80.00	0	101	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

**Hall Environmental Analysis Laboratory, Inc.**

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	1405a24-004d ms	SampType:	ms	TestCode:	SM2320B: Alkalinity					
Client ID:	MW#4	Batch ID:	R18849	RunNo:	18849					
Prep Date:		Analysis Date:	5/23/2014	SeqNo:	544312	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	190	20	80.00	122.0	86.0	34.9	123			

Sample ID	1405a24-004d msd	SampType:	msd	TestCode:	SM2320B: Alkalinity					
Client ID:	MW#4	Batch ID:	R18849	RunNo:	18849					
Prep Date:		Analysis Date:	5/23/2014	SeqNo:	544313	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	190	20	80.00	122.0	84.2	34.9	123	0.737	20	

Sample ID	mb-3	SampType:	mbik	TestCode:	SM2320B: Alkalinity					
Client ID:	PBW	Batch ID:	R18849	RunNo:	18849					
Prep Date:		Analysis Date:	5/23/2014	SeqNo:	544330	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20								

Sample ID	lcs-3	SampType:	lcs	TestCode:	SM2320B: Alkalinity					
Client ID:	LCSW	Batch ID:	R18849	RunNo:	18849					
Prep Date:		Analysis Date:	5/23/2014	SeqNo:	544331	Units:	mg/L CaCO3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	81	20	80.00	0	101	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

WO#: 1405A24

Hall Environmental Analysis Laboratory, Inc.

09-Jun-14

Client: Anthony Water Sanitation District

Project: Well #'s 1,3,6,4

Sample ID	MB-13406	SampType:	MBLK	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	PBW	Batch ID:	13406	RunNo:	18950					
Prep Date:	5/29/2014	Analysis Date:	5/30/2014	SeqNo:	547511	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID	LCS-13406	SampType:	LCS	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	LCSW	Batch ID:	13406	RunNo:	18950					
Prep Date:	5/29/2014	Analysis Date:	5/30/2014	SeqNo:	547512	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	20.0	1000	0	103	80	120			

## Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Ball Environmental Analysis Laboratory, Inc.

WO#: 1405A24

09-Jun-14

**Client:** Anthony Water Sanitation District

**Project:** Well #'s 1,3,6,4

Sample ID	20mL-rb	SampType:	MBLK	TestCode:	EPA Method 524.2: TTHM					
Client ID:	PBW	Batch ID:	R18964	RunNo:	18964					
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547931	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloroform	ND	0.500								
Bromodichloromethane	ND	0.500								
Dibromochloromethane	ND	0.500								
Bromoform	ND	0.500								
Total Trihalomethanes	ND	1.00								
Surr: Toluene-d8	1.10		1.250		88.0	70	130			
Surr: 4-Bromofluorobenzene	1.07		1.250		85.8	70	130			

Sample ID	37.5ng ccv_ics	SampType:	LCS	TestCode:	EPA Method 524.2: TTHM					
Client ID:	LCSW	Batch ID:	R18964	RunNo:	18964					
Prep Date:		Analysis Date:	5/28/2014	SeqNo:	547932	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloroform	1.98	0.500	1.875	0	106	70	130			
Bromodichloromethane	1.95	0.500	1.875	0	104	70	130			
Dibromochloromethane	1.82	0.500	1.875	0	96.9	70	130			
Bromoform	1.72	0.500	1.875	0	91.6	70	130			
Total Trihalomethanes	7.46	1.00	7.500	0	99.5	70	130			
Surr: Toluene-d8	1.07		1.250		86.0	70	130			
Surr: 4-Bromofluorobenzene	1.13		1.250		90.2	70	130			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

**Sample Log-In Check List**

Client Name: ANTHONY WATER SANI

Work Order Number: 1405A24

RcptNo: 1

Received by/date: [Signature] 05/23/14

Logged By: Lindsay Mangin 5/23/2014 8:45:00 AM [Signature]

Completed By: Lindsay Mangin 5/23/2014 9:23:33 AM [Signature]

Reviewed By: CS 05/23/14

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? FedEx

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

05/23/14

# of preserved bottles checked for pH: 8  
 (≤2 or >12 unless noted)

Adjusted? NO

Checked by: [Signature]

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_

By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	1.3	Good	Yes			



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Client: AUSD  
 Project Name: WELL # 1, 3, 4 of 13  
 Project #: WELL # 1, 3, 4 of 13

Mailing Address: P.O. BOX 1757  
ANTHONY NM 88021  
 Phone #: 575-882-3922  
 email or Fax#: 882-3925

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation  
 NELAP  Other  
 EDD (Type)

Project Manager: Tim Amodeo  
 Sampler: Ice  
 Yes  No  
 Sample Temperature: 5

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEADING
5/22/14	10:30	AQ	WELL # 1	VARIOUS	VARIOUS	-001
5/22/14	11:15		WELL # 2	"	"	-002
5/22/14	9:30		WELL # 6	"	"	-003
5/22/14	10:00		WELL # 4	"	"	-004
			Trip Blank	05/23/14		-005

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Relinquished by: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_ Relinquished by: \_\_\_\_\_  
 Received by: [Signature] Date: 05/23/14 Time: 0845  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Analysis Request**

BTEX + MTBE + TMBs (8021)	
BTEX + MTBE + TPH (Gas only)	
TPH 8015B (GRO / DRO / MRO)	
TPH (Method 418.1)	
EDB (Method 504.1)	
PAH's (8310 or 8270 SIMS)	
RCRA 8 Metals	
Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	
8081 Pesticides / 8082 PCBs	
8260B (VOA)	
8270 (Semi-VOA)	
	<u>KXX X SEE ATTACH</u>
	<u>LIST</u>
	<u>524</u>

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

April 11, 2014

Stephanie Stringer  
NMED Drinking Water SF  
525 Camino de Los Marquez Suite 4  
Santa Fe, NM 87505  
TEL: (505) 476-8600  
FAX

TREATMENT  
PLANT

RE: NM3511207  
Anthony W and SD

OrderNo.: 1403B78

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 3 sample(s) on 3/27/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink that reads 'Sarah Edwards'.

Sarah Edwards  
Project Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

RECEIVED APR 22 REC'D

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1403B78

Date Reported: 4/11/2014

<b>CLIENT:</b>	NMED Drinking Water SF	<b>Client Sample ID:</b>	HAL123506
<b>Facility:</b>	NM3511207 Anthony W and SD	<b>Collection Date:</b>	3/25/2014 10:47:00 AM
<b>Lab ID:</b>	1403B78-001A	<b>Received Date:</b>	3/27/2014 9:45:00 AM
<b>Location:</b>	021	<b>Compliance Safe:</b>	YES
<b>Matrix:</b>	Aqueous		

Analyses		Result	RL	Qual	Units	MCL	DF	
<b>PURGEABLE ORGANICS BY EPA 524</b>								Analyst: RAA
<b>SDWIS</b>								Date Analyzed
2955	Total Xylenes	ND	1.0		µg/L	10000	1	3/28/2014 4:58:18 PM
2990	Benzene	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2982	Carbon tetrachloride	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2989	Chlorobenzene	ND	0.50		µg/L	100	1	3/28/2014 4:58:18 PM
2380	cis-1,2-Dichloroethene	ND	0.50		µg/L	70	1	3/28/2014 4:58:18 PM
2968	1,2-Dichlorobenzene	ND	0.50		µg/L	600	1	3/28/2014 4:58:18 PM
2969	1,4-Dichlorobenzene	ND	0.50		µg/L	75	1	3/28/2014 4:58:18 PM
2980	1,2-Dichloroethane	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2977	1,1-Dichloroethene	ND	0.50		µg/L	7.0	1	3/28/2014 4:58:18 PM
2983	1,2-Dichloropropane	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2992	Ethylbenzene	ND	0.50		µg/L	700	1	3/28/2014 4:58:18 PM
2964	Methylene chloride	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2996	Styrene	ND	0.50		µg/L	100	1	3/28/2014 4:58:18 PM
2987	Tetrachloroethene	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2991	Toluene	ND	0.50		µg/L	1000	1	3/28/2014 4:58:18 PM
2979	trans-1,2-Dichloroethene	ND	0.50		µg/L	100	1	3/28/2014 4:58:18 PM
2378	1,2,4-Trichlorobenzene	ND	0.50		µg/L	70	1	3/28/2014 4:58:18 PM
2981	1,1,1-Trichloroethane	ND	0.50		µg/L	200	1	3/28/2014 4:58:18 PM
2985	1,1,2-Trichloroethane	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2984	Trichloroethene	ND	0.50		µg/L	5.0	1	3/28/2014 4:58:18 PM
2976	Vinyl chloride	ND	0.50		µg/L	2.0	1	3/28/2014 4:58:18 PM

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1403B78

Date Reported: 4/11/2014

<b>CLIENT:</b>	NMED Drinking Water SF	<b>Client Sample ID:</b>	HAL123505
<b>Facility:</b>	NM3511207 Anthony W and SD	<b>Collection Date:</b>	3/25/2014 10:46:00 AM
<b>Lab ID:</b>	1403B78-002A	<b>Received Date:</b>	3/27/2014 9:45:00 AM
<b>Location:</b>	021	<b>Compliance Safe:</b>	YES
<b>Matrix:</b>	Aqueous		

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JRR
SDWIS							Date Analyzed
1025	Fluoride	ND	0.10	mg/L	4.0	1	4/1/2014 10:44:41 AM

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

**Sample Log-In Check List**

Client Name: NMED Drinking Water SF

Work Order Number: 1403B78

RcptNo: 1

Received by/date: *[Signature]* 03/27/14

Logged By: Lindsay Mangin 3/27/2014 9:45:00 AM *[Signature]*

Completed By: Lindsay Mangin 3/28/2014 8:39:54 AM *[Signature]*

Reviewed By: *[Signature]* 03/28/14

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? UPS

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: *[Signature]*

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	1.2	Good	Yes			



HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST

Accession # Here

HAL123506

Form Sample

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form Per Sample

1403578-001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.2 OR 11E	Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:		
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab	Date/Initial:
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300	
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD		
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):
Temperature (deg. C):				
Field remarks:				
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite <input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			Describe:
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water <input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			Describe:
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input checked="" type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <=2 <input type="checkbox"/> H2SO4 added to pH <= 2 <input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other <input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			Describe:
Analysis Requested:	VOCs (40 CFR 141.61a)			
Additional Analytical Requests:				

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 03-25-14	Time of Collection HHMM (24 HR) 10:47
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier UPS	Tracking Number / Bill of Lading 1422 908 360 3	Date MM/DD/YY 3-26-14	Time HHMM (24 HR) 15:30	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANSIN	Signature of Receiver 	Date MM/DD/YY 03/27/14	Time HHMM (24 HR) 0945
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				
Comments:				
Comments:				

HAL123505

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

e Form  
Per Sample

One Form  
Per Sample

W123578-002

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.20N11E Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:	Date/Initial:
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service)		<input type="radio"/> 55420 (DWB-non-reg. contaminants)	<input type="radio"/> 64000 (individual client fee-for-service)
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD	
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH: Conductivity (uS/cm): Temperature (deg. C):
Field remarks:			
SAMPLING DOCUMENTATION		Describe:	
<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite			
<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			
SAMPLE TYPE		Describe:	
<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water			
<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			
PRESERVATION		Describe:	
<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2			
<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other			
<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			
Analysis Requested:	FLUORIDE		
Additional Analytical Requests:			

**CHAIN OF CUSTODY**  
MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 03-25-14	Time of Collection HHMM (24 HR) 10:46
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier WPS	Tracking Number / Bill of Lading K222 908 360 3	Date MM/DD/YY 3-26-14	Time HHMM (24 HR) 15:30	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

**TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY**

Relinquished by:	Print Name of Receiver LINDSAY MANSIN	Signature of Receiver 	Date MM/DD/YY 03/27/14	Time HHMM (24 HR) 0945
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				
Comments:				
Comments:				

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

HAL123504

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

Form  
Per Sample

One Form  
Per Sample

1403B78-003

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.2016	Field preservation confirmed
SUBMITTER CODE (3-digit): 070		LAB REMARKS:	Date/Initial:
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service)	<input type="radio"/> 55420 (DWB-non-reg. contaminants)	<input type="radio"/> 64000 (Individual client fee-for-service)	<input type="radio"/> OTHER
NMED AREA OFFICE: LAS CRUCES AREA	SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300	
WATER SYSTEM ID: NM3511207	WATER SYSTEM NAME: ANTHONY W&SD		
FACILITY/LOCATION: TREATMENT PLANT #7	FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH: Conductivity (uS/cm): Temperature (deg. C):
Field remarks:			
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite	Describe:	
	<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other		
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water	Describe:	
	<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid		
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <= 2 <input checked="" type="checkbox"/> H2SO4 added to pH <= 2	Describe:	
	<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other		
	<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3		
Analysis Requested:	NITRATE-NITRITE		
Additional Analytical Requests:			

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 03/25/14	Time of Collection HHMM (24 HR) 10:45
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier W&S	Tracking Number / Bill of Lading 14222 908 260 J	Date MM/DD/YY 3-26-14	Time HHMM (24 HR) 15:30	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANSIN	Signature of Receiver 	Date MM/DD/YY 03/27/14	Time HHMM (24 HR) 0945
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				
Comments:				
Comments:				



**COPY**

Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

March 10, 2014

Stephanie Stringer

NMED Drinking Water SF  
525 Camino de Los Marquez Suite 4  
Santa Fe, NM 87505  
TEL: (505) 476-8600  
FAX

RE: NM3511207  
Anthony W&SD

THESE RESULTS  
WERE CANCELLED DUE  
TO HIGH CHLORINE IN  
SAMPLES

OrderNo.: 1402878

Dear Stephanie Stringer:

Hall Environmental Analysis Laboratory received 4 sample(s) on 2/20/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

*Sarah Edwards*

Sarah Edwards  
Project Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

RECEIVED MAR 18 REC'D

Analytical Report

Lab Order: 1402878

Date Reported: 3/10/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NMED Drinking Water SF
Facility: NM3511207 Anthony W&SD
Lab ID: 1402878-004A
Location: 021
Matrix: Aqueous

Client Sample ID: HAL121533
Collection Date: 2/18/2014 1:28:00 PM
Received Date: 2/20/2014 9:50:00 AM
Compliance Safe: NO

Table with columns: Analyses, Result, RL, Qual, Units, MCL, DF. Contains data for EPA METHOD 200.7: METALS and EPA 200.8: METALS.

- Qualifiers: \* Value exceeds Maximum Contaminant Level, E Value above quantitation range, J Analyte detected below quantitation limits, O RSD is greater than RSDlimit, R RPD outside accepted recovery limits, S Spike Recovery outside accepted recovery limits, B Analyte detected in the associated Method Blank, H Holding times for preparation or analysis exceeded, ND Not Detected at the Reporting Limit, P Sample pH greater than 2, RL Reporting Detection Limit



Analytical Report

Lab Order: 1402878

Date Reported: 3/10/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NMED Drinking Water SF
Facility: NM3511207 Anthony W&SD
Lab ID: 1402878-005A
Location: 021
Matrix: Aqueous

Client Sample ID: HAL117313
Collection Date: 2/18/2014 1:30:00 PM
Received Date: 2/20/2014 9:50:00 AM
Compliance Safe: YES

Table with columns: Analyses, Result, RL, Qual, Units, MCL, DF. Includes EPA METHOD 504.1: EDB/DBCP and SDWIS data for 1,2-Dibromo-3-chloropropane and 1,2-Dibromoethane.

Analyst: LRW

Date Analyzed

2/24/2014 1:01:48 PM

2/24/2014 1:01:48 PM

- Qualifiers: \* Value exceeds Maximum Contaminant Level, E Value above quantitation range, J Analyte detected below quantitation limits, O RSD is greater than RSDlimit, R RPD outside accepted recovery limits, S Spike Recovery outside accepted recovery limits, B Analyte detected in the associated Method Blank, H Holding times for preparation or analysis exceeded, ND Not Detected at the Reporting Limit, P Sample pH greater than 2., RL Reporting Detection Limit

**Analytical Report**

Lab Order: 1402878

Date Reported: 3/10/2014

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** NMED Drinking Water SF  
**Facility:** NM3511207 Anthony W&SD  
**Lab ID:** 1402878-005B  
**Location:** 021  
**Matrix:** Aqueous

**Client Sample ID:** HAL117313  
**Collection Date:** 2/18/2014 1:30:00 PM  
**Received Date:** 2/20/2014 9:50:00 AM  
**Compliance Safe:** YES

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>EPA 547: GLYPHOSPHATE</b>							Analyst: Anatek
SDWIS							Date Analyzed
2034	Glyphosate	ND	10	µg/L	700	1	2/26/2014
<b>EPA 505: CHLORINATED PESTICIDES &amp; PCBS</b>							Analyst: Anatek
SDWIS							Date Analyzed
2005	Endrin	ND	0.020	µg/L	2.0	1	2/27/2014
2010	gamma-BHC	ND	0.020	µg/L	0.20	1	2/27/2014
2015	Methoxychlor	ND	0.10	µg/L	40	1	2/27/2014
2020	Toxaphene	ND	1.0	µg/L	3.0	1	2/27/2014
2065	Heptachlor	ND	0.040	µg/L	0.40	1	2/27/2014
2067	Heptachlor epoxide	ND	0.020	µg/L	0.20	1	2/27/2014
2383	Polychlorinated Biphenyls	ND	0.010	µg/L	0.50	1	2/27/2014
2959	Chlordane	ND	0.10	µg/L	2.0	1	2/27/2014

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

**Hall Environmental Analysis Laboratory, Inc.**

<b>CLIENT:</b>	NMED Drinking Water SF	<b>Client Sample ID:</b>	HAL117313
<b>Facility:</b>	NM3511207 Anthony W&SD	<b>Collection Date:</b>	2/18/2014 1:30:00 PM
<b>Lab ID:</b>	1402878-005C	<b>Received Date:</b>	2/20/2014 9:50:00 AM
<b>Location:</b>	021	<b>Compliance Safe:</b>	YES
<b>Matrix:</b>	Aqueous		

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>EPA 531.2: CARBAMATES</b>							Analyst: Anatek
SDWIS							Date Analyzed
2046	Carbofuran	ND	2.0	µg/L	40	1	3/4/2014
2036	Oxamyl	ND	4.0	µg/L	200	1	3/4/2014

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1402878

Date Reported: 3/10/2014

**CLIENT:** NMED Drinking Water SF  
**Facility:** NM3511207 Anthony W&SD  
**Lab ID:** 1402878-005D  
**Location:** 021  
**Matrix:** Aqueous

**Client Sample ID:** HAL117313  
**Collection Date:** 2/18/2014 1:30:00 PM  
**Received Date:** 2/20/2014 9:50:00 AM  
**Compliance Safe:** YES

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>525.2 SYNTHETIC ORGANICS</b>							Analyst: <b>Anatek</b>
<b>SDWIS</b>							Date Analyzed
2035	Di(2-Ethylhexyl)adipate	ND	0.200	µg/L	400	1	3/1/2014
2042	Hexachlorocyclopentadiene	ND	0.200	µg/L	50.0	1	3/1/2014
2050	Atrazine	ND	0.200	µg/L	3.00	1	3/1/2014
2051	Alachlor	ND	0.400	µg/L	2.00	1	3/1/2014
2274	Hexachlorobenzene	ND	0.200	µg/L	1.00	1	3/1/2014
2039	Di(2-ethylhexyl)phthalate	ND	0.600	µg/L	6.00	1	3/1/2014
2306	Benzo(a)pyrene	ND	0.0200	µg/L	0.200	1	3/1/2014
2037	Simazine	ND	0.150	µg/L	4.00	1	3/1/2014

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

**Hall Environmental Analysis Laboratory, Inc.**

<b>CLIENT:</b> NMED Drinking Water SF	<b>Client Sample ID:</b> HAL117313
<b>Facility:</b> NM3511207 Anthony W&SD	<b>Collection Date:</b> 2/18/2014 1:30:00 PM
<b>Lab ID:</b> 1402878-005E	<b>Received Date:</b> 2/20/2014 9:50:00 AM
<b>Location:</b> 021	<b>Compliance Safe:</b> YES
<b>Matrix:</b> Aqueous	

Analyses	Result	RL	Qual	Units	MCL	DF	
<b>EPA 548.1: ENDOTHALL</b>							Analyst: Anatek
SDWIS							Date Analyzed
2033 Endothall	ND	9.0		µg/L	100	1	3/5/2014
<b>EPA 515.3 HERBICIDES</b>							Analyst: Anatek
SDWIS							Date Analyzed
2105 2,4-D	ND	0.10		µg/L	70	1	2/27/2014
2110 2,4,5-TP (Silvex)	ND	0.10		µg/L	50	1	2/27/2014
2031 Dalapon	ND	0.10		µg/L	200	1	2/27/2014
2041 Dinoseb	ND	0.10		µg/L	7.0	1	2/27/2014
2326 Pentachlorophenol	ND	0.080		µg/L	1.0	1	2/27/2014
2040 Picloram	ND	0.10		µg/L	500	1	2/27/2014

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	



**Sample Log-In Check List**

Client Name: **NMED Drinking Water SF** Work Order Number: **1402878** RptNo: **1**

Received by/date: [Signature] 02/20/14

Logged By: **Lindsay Mangin** **2/20/2014 9:50:00 AM** [Signature]

Completed By: **Lindsay Mangin** **2/21/2014 3:32:15 PM** [Signature]

Reviewed By: mg 02/21/14

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? UPS

**Log In**

- 4. Was an attempt made to cool the samples? Yes  No  NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 6. Sample(s) in proper container(s)? Yes  No
- 7. Sufficient sample volume for indicated test(s)? Yes  No
- 8. Are samples (except VOA and ONG) properly preserved? Yes  No
- 9. Was preservative added to bottles? Yes  No  NA
- 10. VOA vials have zero headspace? Yes  No  No VOA Vials
- 11. Were any sample containers received broken? Yes  No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 13. Are matrices correctly identified on Chain of Custody? Yes  No
- 14. Is it clear what analyses were requested? Yes  No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 1  
 or > 2 unless noted  
 Adjusted? [Signature]  
 Checked by: [Signature]

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

HAL121534

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

Form  
sample

One Form  
Per Sample

1402878-001

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.0 ON ICE		Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:			
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (If 1 or 2 call lab): 3		<input type="checkbox"/> Preserved to pH < 2 at Lab <input type="checkbox"/> Date/Initial:	
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO		SAMPLE CONTACT: 575-524-6300	
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD			
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021		SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS		<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):
Field remarks:		Temperature (deg. C):			
SAMPLING DOCUMENTATION		<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite		Describe:	
		<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			
SAMPLE TYPE		<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water		Describe:	
		<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			
PRESERVATION		<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input checked="" type="checkbox"/> HCl added to pH <= 2		<input type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2	
		<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other		Describe:	
		<input checked="" type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			
Analysis Requested:		VOCs (40 CFR 141.61a)			
Additional Analytical Requests:					

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 02-18-14	Time of Collection HHMM (24 HR) 13:29
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier UPS	Tracking Number / Bill of Lading 15222 908 344 J		Date MM/DD/YY 02-19-14	Time HHMM (24 HR) 15:30
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANGIN	Signature of Receiver 	Date MM/DD/YY 02/20/14	Time HHMM (24 HR) 09:50
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				
Comments: Extra Travel Blank Vials -007				
Comments: Cancel due to high chlorine of 2/27 Antonio emailed.				

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

HAL121531

Form  
Sample

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

14028878-002

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.00NICE		Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:			
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER					
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO		SAMPLE CONTACT: 575-524-6300	
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&S D			
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021		SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):	Temperature (deg. C):
Field remarks:					
SAMPLING DOCUMENTATION	<input checked="" type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite <input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			Describe:	
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water <input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			Describe:	
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2 <input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other <input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			Describe:	
Analysis Requested:	FLUORIDE				
Additional Analytical Requests:					

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 02-18-14	Time of Collection HHMM (24 HR) 13:26
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier CEPS	Tracking Number / Bill of Lading 14222 908 344 3	Date MM/DD/YY 02-19-14	Time HHMM (24 HR) 15:51	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANGIN	Signature of Receiver 	Date MM/DD/YY 02/20/14	Time HHMM (24 HR) 0950	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Comments:					
Comments: Cancel per analysis due to high chloride of 427					

HAL121530

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST

Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

Form  
Per Sample

One Form  
Per Sample

1402878-003

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1. DON U E	Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:		
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab	Date/Initial:
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO		SAMPLE CONTACT: 575-524-6300
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD		
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):
Temperature (deg. C):				
Field remarks:				
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite			Describe:
	<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water			Describe:
	<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <= 2 <input checked="" type="checkbox"/> H2SO4 added to pH <= 2			
	<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other			Describe:
	<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			
Analysis Requested:	NITRATE-NITRITE			
Additional Analytical Requests:				

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 02-18-14	Time of Collection HHMM (24 HR) 15:25
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier CDS	Tracking Number / Bill of Lading 15222 908 344 3	Date MM/DD/YY 02-19-14	Time HHMM (24 HR) 15:30	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANKIN	Signature of Receiver 	Date MM/DD/YY 02/20/14	Time HHMM (24 HR) 0950	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Comments:					
Comments: Cancel per Analyst due to high Chlorine of 2/23					

HAL121533

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST

Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

Form  
Per Sample

One Form  
Per Sample

1402878-004

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.0 ON ICE	Field preservation confirmed	
SUBMITTER CODE (3-digit): 070		LAB REMARKS:		
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab	Date/Initial:
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300	
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD		
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211	
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:	Conductivity (uS/cm):
Temperature (deg. C):				
Field remarks:				
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite			Describe:
	<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water			Describe:
	<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input checked="" type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2			
	<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input type="checkbox"/> Other			Describe:
	<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input type="checkbox"/> Na2S2O3			
Analysis Requested:	HM - Sb As Ba Be Cd Cr Hg Ni Se Tl - (40 CFR 141.62b)			
Additional Analytical Requests:				

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 02-18-14	Time of Collection HHMM (24 HR) 13:28
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier CWS	Tracking Number / Bill of Lading 15222 908 349 3	Date MM/DD/YY 02-19-14	Time HHMM (24 HR) 15:30	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANGINI	Signature of Receiver 	Date MM/DD/YY 02/20/14	Time HHMM (24 HR) 0950	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Comments:					
Comments:					



HAL117313

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

One Form  
Per Sample

1407878-005

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.0 ONLINE	Field preservation confirmed
SUBMITTER CODE (3-digit): 070		LAB REMARKS:	
<input type="radio"/> 55000 (DWB-SDWA - fee-for-service) <input type="radio"/> 55420 (DWB-non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER		Sample Priority (If 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab <input type="checkbox"/> Date/Initial:
NMED AREA OFFICE: LAS CRUCES AREA		SAMPLER NAME: ANTONIO ROMERO	SAMPLE CONTACT: 575-524-6300
WATER SYSTEM ID: NM3511207		WATER SYSTEM NAME: ANTHONY W&SD	
FACILITY/LOCATION: TREATMENT PLANT #7		FACILITY ID: 11207021	SAMPLING POINT ID: SP112070211
FIELD DATA AND REMARKS	<input type="checkbox"/> Non-chlorinated <input checked="" type="checkbox"/> Chlorinated	Residual (mg/l):	pH:
Field remarks:		Conductivity (uS/cm):	Temperature (deg. C):
SAMPLING DOCUMENTATION	<input type="checkbox"/> NMED monitoring <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Confirmation <input type="checkbox"/> Composite	Describe:	
<input type="checkbox"/> Split with facility <input checked="" type="checkbox"/> Grab sample <input type="checkbox"/> Non-compliance <input type="checkbox"/> Other			
SAMPLE TYPE	<input type="checkbox"/> Non-filtered Water <input type="checkbox"/> Filtered water	Describe:	
<input type="checkbox"/> Raw water <input checked="" type="checkbox"/> Finished water <input type="checkbox"/> Other air/liquid/solid			
PRESERVATION	<input type="checkbox"/> None <input checked="" type="checkbox"/> Stored Shipped at < 4 C <input type="checkbox"/> HCl added to pH <= 2 <input type="checkbox"/> HNO3 added to pH <= 2 <input type="checkbox"/> H2SO4 added to pH <= 2	Describe: PRESERVED AND ACIDIFIED ACCORDING TO PROVIDED BY LAB	
<input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH >= 12 <input checked="" type="checkbox"/> Other			
<input type="checkbox"/> C6H8O6 acid added <input type="checkbox"/> Acidified at Lab <input checked="" type="checkbox"/> Na2S2O3			
Analysis Requested:	SOCs (40 CFR 141.61c)		
Additional Analytical Requests:			

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 02-18-14	Time of Collection HHMM (24 HR) 13:50
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input checked="" type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Placed in Care of:	Print Name of Carrier CUPS	Tracking Number / Bill of Lading 1422 208 749 3	Date MM/DD/YY 02-19-14	Time HHMM (24 HR) 15:31	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					
Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)	
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged					

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANGIN	Signature of Receiver 	Date MM/DD/YY 02/20/14	Time HHMM (24 HR) 0950
Sample Evidentiary Seals - <input type="checkbox"/> Not Present <input type="checkbox"/> Present & Intact <input type="checkbox"/> Present & Damaged				

Comments:

Comments:

HAL121532

HALL ENVIRONMENTAL ANALYSIS

ANALYTICAL REQUEST  
Accession # Here

4901 Hawkins NE Suite D  
ALBUQUERQUE, NM 87109  
505-345-3975

Form  
Per Sample

One Form  
Per Sample

1402878-006

LAB USE >>> ONLY	DATE <<< TIME STAMP	SAMPLE TEMPERATURE (deg C): 1.0 ON ICE	Field preservation confirmed	
		Sample Priority (if 1 or 2 call lab): 3	<input type="checkbox"/> Preserved to pH < 2 at Lab	Date/Initial:

SUBMITTER CODE (3-digit): 070      LAB REMARKS:

55000 (DWB-SDWA - fee-for-service)     55420 (DWB-non-reg. contaminants)     64000 (Individual client fee-for-service)     OTHER

NMED AREA OFFICE: LAS CRUCES AREA      SAMPLER NAME: ANTONIO ROMERO      SAMPLE CONTACT: 575-524-6300

WATER SYSTEM ID: NM3511207      WATER SYSTEM NAME: ANTHONY W&SD

FACILITY/LOCATION: TREATMENT PLANT #7      FACILITY ID: 11207021      SAMPLING POINT ID: SP112070211

FIELD DATA AND REMARKS     Non-chlorinated     Chlorinated    Residual (mg/l):    pH:    Conductivity (uS/cm):    Temperature (deg. C):

Field remarks:

SAMPLING DOCUMENTATION     NMED monitoring     Compliance     Confirmation     Composite    Describe:  
 Split with facility     Grab sample     Non-compliance     Other

SAMPLE TYPE     Non-filtered Water     Filtered water    Describe:  
 Raw water     Finished water     Other air/liquid/solid

PRESERVATION     None     Stored Shipped at < 4 C     HCl added to pH <= 2     HNO3 added to pH <= 2     H2SO4 added to pH <= 2  
 Lab to acidify     NaOH added to pH >= 12     Other    Describe:  
 C6H8O6 acid added     Acidified at Lab     Na2S2O3

Analysis Requested:      CYANIDE

Additional Analytical Requests:

CHAIN OF CUSTODY

MUST BE FILLED OUT FOR ALL COMPLIANCE SAMPLES

Sample was Collected By:	Print Name ANTONIO ROMERO	Signature 	Sampler / Operator ID # 2265	Date of Collection MM/DD/YY 02-18-14	Time of Collection HHMM (24 HR) 13:27
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Sample Evidentiary Seals -     Not Present     Present & Intact     Present & Damaged

Placed in Care of:	Print Name of Carrier eps	Tracking Number / Bill of Lading 15222 908 344 3	Date MM/DD/YY 02.19.14	Time HHMM (24 HR) 15:30
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Sample Evidentiary Seals -     Not Present     Present & Intact     Present & Damaged

Relinquished by:	Print Name of Receiver	Signature of Receiver	Date MM/DD/YY	Time HHMM (24 HR)
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Sample Evidentiary Seals -     Not Present     Present & Intact     Present & Damaged

TO BE FILLED OUT BY LABORATORY PERSONNEL ONLY

Relinquished by:	Print Name of Receiver LINDSAY MANGIN	Signature of Receiver 	Date MM/DD/YY 02/20/14	Time HHMM (24 HR) 09:50
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Sample Evidentiary Seals -     Not Present     Present & Intact     Present & Damaged

Comments:

Comments:

# **APPENDIX H**

## **Permitting Documentation**

## PERMITS AND LICENSE CHECKLIST

### 1. LETTER OF APPLICATION - 3 copies

- a. Identify your organization and state what is requested: Permit or License.
- b. List the type of structure, improvement, or work that is to be constructed.
- c. Statement of reason for said work, i.e., commercial, public, or private venture.

### 2. MAPS AND DRAWINGS - General

- a. Letter-size drawings are the minimum acceptable.
- b. Meridian or north arrow shown.
- c. Drawn to scale with scale stated and shown graphically.

### 3. VICINITY MAP – 3 copies

- a. Show a town, highway, bridge, or major identifiable feature.
- b. General location of work outlined should be circled in red.

### 4. LOCATION MAP – 3 copies

- a. Area where facilities are to be constructed should be outlined in red.
- b. Show property lines (metes and bounds, if possible) and/or location of property line markers, such as steel pipes driven into the ground with permanent identification data.

### 5. PLANS AND SPECIFICATION – 3 copies

- a. Drawings of sufficient details to determine exactly what is proposed, how it is to be constructed, and by whom.
- b. In any operation involving earthwork, such as an excavation, drilling or boring, a cross sections and profile of the proposed works must be furnished. See examples in Attachments I-IV at [http://www.ibwc.state.gov/Files/construction\\_criteria.pdf](http://www.ibwc.state.gov/Files/construction_criteria.pdf)

6. If the construction is also on land owned by personnel other than the government, the applicant must include a statement in triplicate from the owners giving permission for such construction on their property and access thereto.

7. If the proposed work requires clearing, excavation, or dredging on government property, you must first contact the following agencies:

- a. Appropriate Historic Preservation Officer(s), to find out if you need a cultural resources survey of the area.
- b. U.S. Department of Interior, Fish and Wildlife Service, to determine the impact of the project on threatened and endangered species, both animal and plant life.
- c. U.S. Army Corps of Engineers, to determine the effects of the proposed project on the waters of the U.S., (wetlands, streams, and rivers) in the area.
- d. The Texas Parks & Wildlife and TCEQ, if applicable, for projects along the Rio Grande.

8. The letters from these various state and federal agencies, concurring with the proposed work, must be obtained by the requestor before the International Boundary and Water Commission will issue the requested permit.

9. A permit from the State Water Commissions, to divert waters from rivers or reservoirs, is necessary before a permit for pumps and water lines can be issued.

### 10. LICENSE FEES, (EFFECTIVE JANUARY 1, 1977) ARE AS FOLLOWS:

- a. Commercial License - \$150 per year plus \$28 per year per acre or part thereof.
- b. Permanent Commercial Utilities - \$115 per year

INTERNATIONAL BOUNDARY AND WATER COMMISSION  
UNITED STATES AND MEXICO  
UNITED STATES SECTION

INSTRUCTIONS ON REQUESTS FOR LICENSES  
TO CONSTRUCT FACILITIES ON  
INTERNATIONAL BOUNDARY AND WATER COMMISSION  
RIGHTS-OF-WAY

INSTRUCTIONS

The purpose of this pamphlet is to help you in applying for authority to perform work or place structures on or across rights-of-way of projects under the jurisdiction of the United States Section, International Boundary and Water Commission (USIBWC), and to describe briefly such jurisdiction and your responsibility under the Federal laws and the method of compliance therewith. The United States Section is responsible for the construction, operation and maintenance of all United States properties under its jurisdiction and, the administration of laws for the protection and preservation of these properties. Licenses for all work to be performed on rights-of-way must be approved by the Commissioner for the United States Section before such work is begun. The authorization is ordinarily granted in the form of a revocable license. The license does not authorize any trespassing upon or injury to private property, or the invasion of private rights, nor does it affect water rights or concede that the licensee has any water rights.

FEE - Generally, in the Upper Rio Grande Canalization Project, an administrative fee of \$150.00 is charged for each license issued. No fee will be charged to Cities, States or political subdivisions thereto, or to owners of lands over which the Government has an easement only, and to others where the purpose of the license is for the direct benefit of such landowners.

If licensed works will cause additional cost to the United States a special fee for such license will be assessed in an amount determined appropriate in the circumstances by the United States Commissioner.

HOW TO APPLY FOR A LICENSE - An application for a license shall consist of a letter, in duplicate, requesting the license and accompanied by four copies each of a location map, vicinity map, and plan of the proposed work. The letter of application will be addressed to the Engineer in Charge of the Commission activities of the locality in which the proposed work lies. The letter will bear the date, the applicant's address and telephone number and, the location and description of work. It will give an explanation of the plans in sufficient details to enable the Commission to determine exactly what work is proposed and, to show that the structure or other works will not create a hazard or interfere with any project operations. The letter will be signed by the owner or proprietor of the proposed work, or his duly authorized agent, but not by the contractor who it is proposed to be employed to do the work. In case the application is from a corporation, the letter will give the name and location of principal office, telephone number, State in which incorporated and, title and name of official who will sign the license.



If the proposed work requires clearing, excavation or any other form of ground disturbance on government property, the applicant must first contact the following agencies for the state where the works will be performed:

- a. The Historical Preservation Commission
- b. The U. S. Fish and Wildlife Service
- c. The U. S. Army Corps of Engineers

Letters from these state and federal agencies, concurring with the proposed work, must be obtained and provided with the application, as required under the National Environmental Policy Act of 1969, as amended, (42 U.S.C. 4321 et. seq.). Where a major adverse impact will result, the applicant may also be required to furnish a detailed Environmental Impact Statement (EIS) as is further required by said National Environmental Policy Act.

Since all of the lands administered by the United States Section are within floodplain areas, no permanent improvements will be licensed except those that are not subject to flood damages and are floodproofed in accordance with the Unified National Program for Flood Plain Management of the Water Resources Council.

In the event a license is requested for the purpose of constructing facilities to convey water diverted from the Rio Grande, independent of, or in connection with any project works of the United States Section of the International Boundary and Water Commission, or for the purpose of enlarging or expanding facilities to increase the conveyance of such diversions, the applicant must submit a copy of his Water Rights Certificate with his application or, if he has a riparian right, state by affidavit under what authority or law the water has been, or is to be diverted.

The vicinity map will show the location of the proposed work with reference to a town, highway, or some major topographical feature. The location map will show the specific location of the proposed work with reference to some established monument on the Commission's project. Ideally, each map will be on an 8-1/2" x 11" sheet, or if practical, the vicinity map may be shown as an inset on the location map.

The location of the work will be outlined in red on each map. All drawings and maps should be drawn to scale and the scale shown graphically. Maps must have the usual meridian arrow. In general, the meridian arrow should be parallel with the 10-1/2" dimension of the drawing.

If, upon examination of the application, it is found that the proposed work or its operation and maintenance will not interfere with the operation and maintenance of any project works of the United States Section, and is consistent with permissible flood plain uses defined in the Unified National Program for Flood Plain Management of the United States Water Resources Council, a license will be prepared by the Commission and transmitted to the applicant, in duplicate, for his signature and return to the office from which it was received. The applicant shall send, if applicable, a postal money order or certified check, made out to the International Boundary and Water Commission, United States Section, in the amount of the appropriate fee for each license. Upon final execution of the license, a duplicate-original copy will be sent to the licensee for his files.

Applicants desiring to make application for authority to perform work or plan structures on or across right-of-way of projects under the jurisdiction of the United States Section of the Commission will often find it in the interest of economy and convenience to write or visit the nearest office of the Commission relative to their desires before incurring any expense in connection with the preparation of maps and plans.

GENERAL CONDITIONS - For the information of the applicant, the general conditions established by this Commission, relative to licensing, are given below. Special conditions may be added if it is determined that the interests of the United States so require:

1. The work shall be subject to the inspection and approval of the Engineer in Charge of the area in which the proposed work is to be done, to determine if the work is being performed in conformance with the plans, as approved. The Engineer in Charge may temporarily suspend the work at any time if, in his judgment, the interests of the Commission so require.
2. The United States will not be held liable for any damage or injury to the structure or work herein authorized which may be caused by, or result from, the future operations of Government-operated and maintained properties under the jurisdiction of the Commission, and no claim or right to compensation shall accrue from any such damage.
3. The licensee is required to operate and maintain the facilities for which the license is requested and such operation and maintenance shall be performed in such manner as not to interfere with the construction or operation of project works. The license granted is personal and shall not be assigned without the written permission of the Commissioner of the United States Section or his duly authorized representative.
4. The license will continue so long as, in the opinion of the Commissioner, it is considered to be expedient and not detrimental to the public interests, and shall be revocable by said Commissioner upon 90 days written notice to the licensee. Upon such revocation, or if the project is abandoned, the structure or other works shall be removed by licensee without delay and at his sole expense.



APPLICATION FOR PERMIT TO INSTALL UTILITY FACILITIES  
WITHIN PUBLIC RIGHT OF WAY

Permit No. \_\_\_\_\_  
\_\_\_\_\_ Renewal Permit  
\_\_\_\_\_ Relocation  
\_\_\_\_\_ Remain in place  
\_\_\_\_\_ New Installation

T0: NEW MEXICO DEPARTMENT of TRANSPORTATION  
P.O. BOX 1149  
SANTA FE, NEW MEXICO 87504 – 1149

1. Pursuant to New Mexico Statutes Annotated, 1978 Compilation, Sections 67-8-13 and 55-2-7, and 17.4.2 NMAC the undersigned

Address: \_\_\_\_\_  
herein makes application to use highway rights of way to install:

Size and Type of Facility \_\_\_\_\_

in the following location: N.M. Project No. \_\_\_\_\_, S.R. No. \_\_\_\_\_,

Highway Station / and or GPS/MP \_\_\_\_\_ to Highway Station and/or  
GPS/MP \_\_\_\_\_,

\_\_\_\_\_ County, Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_

2. For the purpose of this application “within” shall be construed as meaning “on, upon, over, under, across or along.”
- a. “Engineer” shall be construed as meaning the District Engineer of the New Mexico Department of Transportation or the District Engineer’s representative.
  - b. “Applicant” shall be construed as meaning the individual, firm, corporation, association, governmental subdivision, or other organization making application, or the successors of any of the above.
  - c. “Facility” shall be construed as meaning, but not limited to any publicly, privately, cooperatively, municipally or governmentally owned facility used for carriage, distribution or transmission of water, gas or electricity, oil and products derived therefrom, sewage, stream or other projects carried by means of pipelines, conduits, wires, culverts, ditches, conveyors or other methods.
  - d. If application is for a parallel installation, justification as to why private right may not be utilized must be furnished.
3. Applicant proposes to relocate, install or leave facility \_\_\_\_\_ feet within the \_\_\_\_\_ right of way line. The proposed installation shall be:

(Crossing or Parallel) (Subsurface or Overhead) (Boring, Jacking or Pavement Cut)

- a. If Applicant requests installation by pavement cut, complete justification therefore shall be submitted by attachment.
- b. Where application for pavement cut is justified, the application may be held in abeyance pending receipt of cash bond in an amount to be fixed by the Engineer.

4. There is attached hereto a diagrammatic dimensioned drawing showing the location of existing and/or proposed installation referenced to roadway and right of way, right of way lines, any access control lines, distance of proposed installation above, or below grade, highway stationing, identification of materials to be used and any other pertinent data, If application is for parallel installation, nature of adjacent land use must be shown. Proposed installations on or in bridges or other structures, or for the installation of any structures, shall require detailed structural drawings.
5. Applicant desires this permit to be in affect for \_\_\_\_\_ years. Permit shall not be issued for a period longer than 25 years, and must be renewed upon expiration. The burden of timely renewal is on the Applicant. The Applicant shall formally notify the engineer of actual commencement and completion of construction of the installation. The Applicant shall also formally notify the Engineer of removal or abandonment of the facility, or relinquishment of the permit.
6. This application shall be validated as a permit upon the signing of the application by the Engineer and returning it to the applicant. The granting of this permit shall not be construed as granting any easement or property right.
7. Servicing of facilities shall not be permitted within the access control lines on any controlled access project. Should an emergency occur, the Applicant shall notify the Engineer and shall provide such flagmen, flashers, warning or other safety devices as required by the Engineer. All routine maintenance shall be performed from outside any access control lines.
8. The relocation or installation of facilities within public right of way shall be in strict conformance with all **applicable provisions of**

**regulations of the New Mexico Department of Transportation, 17.4.2 NMAC**, all provisions of this application, drawing and the Instructions for Utility Permits, as they may be modified by the Engineer, and no departure therefrom may be made without the written consent of the Engineer. All facilities shall be so placed that they will not interfere with or endanger any roadway features or other existing facilities. All construction of facilities shall be subject to the inspection and approval of the Engineer. All such work shall be performed so that danger, inconvenience and delay to the traveling public will be held to a minimum. Protection and handling of traffic during the installation are the responsibility of the Applicant and must be approved by the Engineer.

9. The Applicant shall, except as otherwise ordered by the Engineer, restore the public right of way, and all bridges or other structures thereon or adjacent thereto which have been altered or affected by facility installation performed hereunder, in accordance with sound construction practices and the Engineer's specifications, and shall cause the work to be done in a workmanlike manner. If any damage is caused to the highway right of way or to any bridge, structure or improvement thereon or adjacent thereto by reason of the design installation, maintenance, alteration or removal of such facilities or other appurtenances, the Applicant shall reimburse the Engineer the full amount thereof promptly upon demand by the Engineer provided, however, that the obligation imposed under this paragraph shall not apply in the event the damage resulted from causes beyond the control of the Applicant or its contractors or its consultants. All such facilities located within the right of way shall at all times be kept in such repair so as not to damage the highway, inconvenience or endanger the traveling public and shall be kept free from advertisement, posters and the like.
10. Should the Applicant at any time fail to promptly and fully perform any of the obligations imposed hereby and after thirty (30) days written notice thereof, the Engineer may, at his option (a) cause the obligations to be fully carried out and performed, and the Applicant shall promptly reimburse the Engineer for all costs and expenses incident thereto, or (b) summarily order the removal of such facility and if the Applicant fails to comply with that removal order within a reasonable time, the Engineer may direct the removal of the facility with all costs and expenses thereto to be borne by Applicant.
11. If by reason of any change in the location, construction, grade or by any other matter affecting the highway upon which any facility is located or because of changing traffic conditions or otherwise, it shall become advisable in the opinion of the Engineer that said facility be removed, relocated or otherwise modified, the Applicant, upon written notice from the Engineer, shall remove, relocate or modify such facility without undue delay in such manner as the Engineer may direct or approve, at the Applicant's expense and at no cost to the Engineer, the New Mexico Department of Transportation or the New Mexico State Transportation Commission. All facilities located on public right of way under the dual jurisdiction of the State and a subordinate governmental entity shall comply with all applicable rules and regulations of such entity properly and lawfully in force and including but not limited to provisions of local franchises not in conflict with the rules and regulations of the New Mexico Department of Transportation. The Engineer makes no express or implied as to the continued existence of any highway in any particular location and expressly assumes no obligation with regard to the facility upon change, vacation or abandonment of any highway or portions thereof.
12. Neither the making of this application nor anything herein contained shall constitute a waiver on the part of the Applicant of any rights or claims had or made by some with respect to the occupancy of the streets and highways under the Constitution and Laws of the State of New Mexico, nor shall anything herein contained in any prejudice or impair any rights or claims existing independent of this application with respect to the construction, operation and maintenance of the Applicant's facilities in the State of New Mexico.
13. The utility owner must indemnify and hold harmless the New Mexico Department of Transportation from loss due to any negligent act of the utility, the utility's employees, any agent acting on the utility's behalf, and anyone else engaged by the utility to work on the utility installations, maintenance or relocations of their facilities. Any contractor or subcontractor engaged by the utility to perform utility installations or relocations in conjunction with or prior to highway construction must also indemnify and hold harmless the New Mexico Department of Transportation from loss due to any negligent act of the utility's contractor or subcontractor.
14. Each copy of the application shall be signed by the Applicant as an individual owner or by any official designated to execute such documents.
15. Utility owners shall carry insurance in amounts not less than those below specified and as outlined in 17 NMAC 4.2 and the Standard Specifications for Highway and Bridge Construction, 1994 Edition, (hereinafter, "Specifications"), as may be updated from time to time. In the event of conflict between the specification, and the regulations, owner shall carry the larger amount of insurance. If a utility is self-insured, the utility shall provide an Owner's Protective Liability Insurance Policy, in favor of the Department, in the amounts below specified. **Department as additional named insured:** The utility, its contractor or subcontractor shall have the New Mexico State Highway and Transportation Department added as an additional named insured on the Comprehensive General Liability Form or Commercial General Liability Form furnished by the Utility.

This application is hereby granted subject to all provisions herein and including the following special provisions, changes or amendments:

The utility shall provide "as-built" horizontal and vertical location information in hard copy and electronic file (AutoCAD DWG (3D) or Microstation DGN (3D) format. The standard horizontal datum shall be North American Datum 1983 (NAD83) and the standard projections shall be the New Mexico State Plane



Coordinate System 1983 (NMSPCS83). The standard vertical datum shall be North American Vertical Datum 1988 (NAVD 1988). The preferred media in which this data must be submitted is CD ROM. The utility location information shall be tied to Department monuments and referenced to highway mileposts and/or to highway project construction stationing and certified by a New Mexico Registered Land Surveyor. Metadata or "data about the data" shall be submitted with each utility's as-built electronic file, preferably as a separate text file on the electronic submittal media, and shall include: **1.** District Utility Permit Number. **2.** Name, address and phone number of the responsible land surveyor. **3.** Date of completion of survey. **4.** Equipment used to conduct the Survey. **5.** Horizontal and vertical control marks used to tie the survey to the NMSPC83 and NAVD88. **6.** Ground to Grid combined scale factor used. **7.** Elevations shall be provided every 500 feet and at all survey break points, including all high and low points.

*Note: Highway projects are time sensitive therefore, permit information requested from Authorization to Engineer Letters must be returned by the date indicated within the Authorization to Engineer letter.*

16. Pursuant to: MAP-21; <http://www.fhwa.dot.gov/construction/contracts/buyam-qa.cfm> and (23U.S.C313) Applicant/Utility Owner certifies we are in compliance with Buy America for said facility described in Section 1. of this permit document. Applicant agrees and understands nonadherence will void said permit.

---

Applicant \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

---

Approval of this permit is hereby given this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

NEW MEXICO DEPARTMENT of TRANSPORTATION

By \_\_\_\_\_



**Elephant Butte Irrigation District  
Engineering Department**

Phone: 575-526-6671

Fax: 575-541-5716

Office: 530 South Melendres Street, Las Cruces NM 88005

Mailing: 530 S. Melendres St. Las Cruces NM 88005

**RIGHT OF USE APPLICATION**

1. APPLICATION DOES NOT GUARANTEE APPROVAL.
2. THE APPLICATION FEE IS \$50.00 PLUS TAX AND IS NON-REFUNDABLE WHETHER YOUR APPLICATION IS APPROVED OR DENIED.
3. THIS APPLICATION WILL NOT BE PROCESSED UNLESS ALL ITEMS ARE LEGIBLE, COMPLETED IN ENTIRETY, AND ATTACHED AS DESCRIBED BELOW.
4. ALLOW 60-90 DAYS FOR PROCESSING.
5. CONTACT THE EBID ENGINEERING DEPARTMENT FOR ASSISTANCE IN COMPLETING ALL REQUIREMENTS.

<b>FOR USE BY EBID ONLY:</b>	
Permit Application Fee Paid	<input type="checkbox"/>
ENG Job No.	_____
Limited Use	_____ Special Use _____
Government	_____ Individual _____
Total Fees:	_____
Board Date:	_____
Approved	<input type="checkbox"/>
Denied	<input type="checkbox"/>
Remarks:	_____

**Applicant's Name:** \_\_\_\_\_

**Business Name:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Cell:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Type of Use (or Agreement)**

- |                   |                              |                  |   |
|-------------------|------------------------------|------------------|---|
| <b>Area:</b>      | _____ Beehive                | _____ Use of ROW | _____ Blanket Agreement # _____                   |
| <b>Crossing:</b>  | _____ Bridge                 | _____ Culvert    | _____ Flume _____ Siphon _____ Utilities*         |
| <b>Discharge:</b> | _____ De-watering            | _____ Lift Pump  | _____ Stormwater _____ Well Pump (for LRG- _____) |
| <b>Parallel:</b>  | _____ Harvest Gate           | _____ Trail/path | _____ Turnout _____ Utilities*                    |
| <b>Removal:</b>   | _____ Sediment (dirt, sand)  | _____ Trees      | _____ Bamboo _____ Canal & Drain Water Extraction |
| <b>Other:</b>     | _____ Encroachment Agreement |                  |   |

\*For Utilities, specify: \_\_\_\_\_ Cable \_\_\_\_\_ Electric \_\_\_\_\_ Gas \_\_\_\_\_ Sewer \_\_\_\_\_ Telephone \_\_\_\_\_ Water \_\_\_\_\_ Road

**Purpose** (describe what you propose to do, quantities, dimensions, etc.) \_\_\_\_\_

**Location** (describe exactly where the activity will take place - name the canal, lateral, drain or other EBID facility.) \_\_\_\_\_ Aerial \_\_\_\_\_ Buried

**EBID Facility:** \_\_\_\_\_ **Station ID** \_\_\_\_\_

**Address** (if different from above): \_\_\_\_\_

**Account No.** \_\_\_\_\_ **Parcel No.** \_\_\_\_\_

**Vicinity Map Attached/Other:** \_\_\_\_\_

**Site Plan** (plan view of construction/installation)

1. Attach a map(s) showing location and site of structures or installation including EBID facilities.
2. Include a north arrow, rights-of-way, easements, property lines, and features affected by construction.
3. Provide site photos, three (3) sets. For crossings and harvest gates, provide photos of all directions (north, south, east, west).

**Construction/Design Drawing** (engineering design details-exact size, length, width, height, materials, etc.)

1. Drawings and materials must comply with design criteria (available at the EBID office or on the Internet at www.ebid-nm.org).
2. Provide detailed construction plan, three (3) sets. Include a digital data file if available (NM-Central State Plane Coordinates, 83).
3. Provide estimated construction dates. Include beginning and ending dates. (Notify EBID when construction begins and ends.)
4. A cross section or design profile is required for crossings and harvest gates.
5. Design/construction to be performed by:  Self  EBID  Professional-Name \_\_\_\_\_

Sign name(s) as written in permit application. For partnership, licensees should sign as "members of partnership", for corporation, the officer authorized to execute contracts, etc. should sign, with title, the sufficiency of such signature being attested by the Secretary, with corporate seal.

<b>LICENSEE</b>	I have read and reviewed the General Conditions language contained on the reverse side of this Application, and hereby accept the terms and conditions expressed or implied herein. I also agree to comply with all additional Special Conditions that may apply as specified on the Right of Use Permit. I further agree to pay all applicable permit fees within 60 days of Board approval or this application becomes void. I understand the rules and regulations of Elephant Butte Irrigation District and agree to abide by same during the term of the Right of Use Permit.
<b>SIGNATURE</b> _____	
<b>TITLE</b> _____	
<b>SIGNATURE</b> _____	
<b>TITLE</b> _____	
<b>DATE</b> _____	
<input type="checkbox"/> Permit is for farm use purposes-please waive administration fee.	

THIS APPLICATION WILL BE RESEARCHED AND PRESENTED TO THE EBID BOARD OF DIRECTORS FOR APPROVAL. IF APPROVED AND THE PERMIT FEES ARE PAID IN FULL, A PERMIT WILL BE ISSUED TO YOU. IF DENIED, A LETTER WILL BE MAILED TO YOU.

**THIS IS NOT A PERMIT**

## General Conditions

**SECTION 1. Rights of Elephant Butte Irrigation District (EBID):** The Elephant Butte Irrigation District (hereinafter Licensor) operates and maintains the New Mexico portion of the Rio Grande Project. It has fee simple and easement rights over canals, ditches and other rights-of-way within the District boundaries.

**SECTION 2. Assignment and Binding Nature:** Licensee shall not assign this license, in whole or in part, without Licensor's prior written consent, and absent such consent, any attempted assignment shall be void. Licensee shall make all requests for Licensor's consent to an assignment, modification, or amendment of the license in writing and shall accompany each request with a service charge of \$50.00 Plus Applicable Taxes. Such service charge shall be the property of Licensor and not refundable to Licensee.

### **SECTION 3. Termination of the License:**

3.1 Either party may terminate this license with or without cause upon not less than thirty (30) days notice.

3.2 If Licensee fails to comply with the conditions set forth herein, or if either party terminates this license, Licensee shall remove at its own cost, within thirty (30) calendar days after written notice from Licensor, any materials, improvements or facilities placed on Licensed Property by Licensee, its directors, officers, employees, or agents. If Licensee fails to remove any of the materials, improvements or facilities within the thirty (30) day period, Licensor at its election, (i) with or without giving notice to Licensee, may remove and store the materials, improvements or facilities or (ii) give notice to Licensee that Licensor will retain the materials, improvements or facilities. Upon Licensor's giving notice to Licensee that Licensor will retain the materials, improvements, or facilities, Licensee's right, title and interest in the materials, improvements, or facilities immediately shall vest in Licensor.

3.3 If Licensor removes any materials, improvements or facilities pursuant to Section 3.2, Licensee shall reimburse Licensor for the costs of such removal or storage (as conclusively determined by Licensor) within ten (10) calendar days after Licensor presents Licensee a statement of such costs. Licensee shall release Licensor from all damages resulting to Licensee from such removal or storage.

3.4 If Licensee's right, title and interest in any of the materials, improvements or facilities vest in Licensor pursuant to Section 3.2, then Licensee shall execute, acknowledge and deliver to Licensor an instrument, acceptable to Licensor, transferring to Licensor all Licensee's right, title and interest in the materials, improvements or facilities. The provisions of this Section shall survive termination of this license.

### **SECTION 4. Maintenance of Licensed Property and Interface with Licensor's Use of Licensed Property:**

4.1 Licensee, at its own expense, shall maintain the Licensed Property and all Licensee's materials, improvements and facilities thereon in good, sanitary and safe condition as conclusively determined by Licensor. Such maintenance shall involve but not be limited to, (a) repair and upkeep of the structure(s); (b) the removal of deposited sediment, trash, and other debris from within and adjacent to the structure(s); (c) control of vectors and other pests associated with the structure(s); and (d) repair of damages to the affected facilities of the Rio Grande Project as determined by the EBID. Such maintenance shall be conducted by the Licensee annually or on request by the EBID between the end of each irrigation season and December 31 of the same year, or at other times upon written notification by the EBID. Such maintenance shall not interfere in any manner whatsoever with the construction, operation, and maintenance of any part of the Rio Grande Project. EBID shall be notified at least forty-eight (48) hours in advance of any planned maintenance, unless under emergency conditions when notifications shall be timely. Neither Licensee nor its agents shall interfere with the use of the Licensed Property by Licensor, or the interest of any other individual or entity in the Licensed Property.

4.2 If Licensee defaults in the performance of any provision of Section 4.1, as conclusively determined by Licensor, and Licensor gives notice of the default, Licensee shall correct such default to the satisfaction of Licensor within the required period of time set forth in the notice (Correction Period). If Licensee fails to correct the default within the Correction Period, Licensor may take any action determined by Licensor to be necessary to correct such default, including without limitation making any repair or modification to or removing any such materials, improvements or facilities. Licensee shall reimburse Licensor for the costs of correcting such default, as conclusively determined by Licensor, within ten (10) calendar days after Licensor presents Licensee a statement of such costs. Licensee shall release Licensor from all damages resulting to Licensee from correcting such default, including without limitation those damages arising from all repairs or modifications to or removal of any materials, improvements, or facilities on the Licensed Property.

**SECTION 5. Nonexclusive Rights:** This license is nonexclusive and nothing herein shall prevent Licensor from accessing or using the Licensed Property or prohibit Licensor from permitting another entity to access or use the Licensed Property. Licensor shall not be liable to Licensee for any damage to public or private property or installations located upon the Licensed Property. Nothing in this license shall be construed to deny or lessen the powers and privileges granted Licensor by the laws of the State of New Mexico.

**SECTION 6. Existing Easements and Licenses:** This license is subject to all existing easements, licenses and matters of record.

### **SECTION 7.**

**For "Individual" Permits Only - Indemnification:** Licensee (Indemnitor), its successors and assigns, shall indemnify and hold harmless Licensor (Indemnitee), and the directors, officers, employees, agents, successors and assigns thereof, against and from any claim, demand, lawsuit or action of any kind for damages or loss; whether directly or indirectly arising out of (a) acts or omissions of Licensee, its agents, officers, directors, or employees, (b) Licensee's use or occupancy of the Licensed Property for the purposes contemplated by this License, including but not limited to claims by third parties who are invited or permitted onto the Licensed Property, either expressly or implied, by Licensee or by the nature of Licensee's development or other use pursuant to this License, or (c) Licensee's failure to comply with or fulfill its obligations established by this License or by law, and whether such damage or loss is to person or property. Such obligation to indemnify shall extend to and encompass all costs incurred by Licensor in defending against subject claims, demands, lawsuit, or actions, including though not limited to attorney, witness and expert witness fees, and any other litigation related expenses. Licensee shall have no obligation to indemnify Licensor gains liability directly attributable to the negligence or willful action of the Licensor, its directors, officers, employees, agents, successors or assigns. The provisions of this section shall survive termination of this License.

**For "Government" Permits Only - Tort Claims Act:** By entering into this Agreement, the District and its "public employees" as defined in the New Mexico Tort Claims Act, and the Licensee and its "public employees" as defined in the New Mexico Tort Claims Act, do not waive sovereign immunity, do not waive any defense(s) and/or do not waive any limitation(s) of liability pursuant to law. No provision in this Agreement modifies and/or waives any provision of the New Mexico Tort Claims Act. However, within the limitations above stated, each party shall be responsible for their

own negligent acts. This Agreement is not intended by any of its provision to create in the public, or any member thereof, a third party beneficiary or to authorize anyone not a party to this Agreement to maintain a suit(s) for wrongful death(s), bodily and/or personal injury(ies) to person(s), damage(s) to property(ies), and/or any other claim(s) whatsoever pursuant to the provisions of this Agreement. **Effective June 9, 2004, a resolution was approved by the EBID Board of Directors placing a moratorium on the issuance of permits to governmental agencies. Therefore, special insurance protection may be required in the form of a Certificate of Indemnification which specifies EBID as the Certificate Holder.**

**SECTION 8. Insurance:** Without limiting any liabilities or any other obligations or duty of Licensee/Permittee, EBID at its option may require insurance and proof of insurance as condition to this Permit. If the insurance is required, the Licensee/Permittee will be notified by letter, which letter shall specify the amount and type of insurance required by EBID.

### **SECTION 9. Construction:**

9.1 Prior to making any installations on the Licensed Property, Licensee shall submit to Licensor for its approval a detailed plan showing the location of any such installations, and pay Licensor all review and inspection fees required by Licensor. All construction on the Licensed Property shall be performed in accordance with specifications approved by Licensor. At least ten (10) days prior to the beginning of any construction on the Licensed Property, Licensee shall provide Licensor notice of the date that construction will begin and a schedule listing all construction activities and the dates when such construction activities will be performed. Licensee shall give Licensor written notice of all changes in the schedule and delays in construction immediately upon it being reasonably foreseeable that such change or delay will occur.

9.2 Licensee shall contact Licensor a minimum of 72 hours in advance of start of construction to obtain a construction clearance. Phone Number: (505) 526-6671. **NOTE: A CONSTRUCTION CLEARANCE DOES NOT ASSURE THAT THE CANALS, LATERALS OR DRAINS WILL BE WITHOUT WATER.**

9.3 Licensee's materials, facilities, improvements, and appurtenances constructed, installed, operated and maintained on the Licensed Property shall not interfere with Licensor's use of Licensor's existing and or of any future irrigation facilities on or adjacent to the Licensed Property.

9.4 Licensor may regulate the scheduling of construction, if any, located on the Licensed Property relating to irrigation operation, traffic control, backfilling, compacting, or paving and locating or relocating the materials, facilities, improvements or appurtenances.

9.5 If relocation of Licensee's materials, facilities, improvements or appurtenances is necessitated by Licensor's use of existing facilities or the construction of improvements by or on behalf of Licensor, Licensee shall bear the entire cost of relocating said materials, facilities, improvements and appurtenances.

9.6 Licensor shall not exercise its right to require relocation of Licensee's facilities in an unreasonable or arbitrary manner.

**SECTION 10. Permits, Statutes and Codes:** Licensee shall comply with the applicable requirements of all statutes, acts, ordinances, regulations, codes, and standards of legally constituted authorities with jurisdiction. Licensee shall obtain or cause to be obtained at its expense, all permits, approvals and authorizations required by Licensee's actions pursuant to this license.

### **SECTION 11. Licensor's Right to Inspect:**

11.1 Licensor may enter any part of the Licensed Property at all reasonable times to make an inspection thereof. During any construction by Licensee, Licensor may inspect all trenching, backfilling and other related items and require conformance with all requirements and specifications established by Licensor.

11.2 Licensee shall release Licensor for all damages arising out of any delay, whether reasonable or unreasonable, or foreseeable or unforeseeable, by Licensor in permitting or inspecting any work on the Licensed Premises. The provisions of this section shall survive termination of this license.

**SECTION 12. Service of Notice:** All notices and demands required or permitted by this license shall be in writing and shall be deemed to have been given properly when (i) sent by certified mail (postage fully prepaid) to the respective address as furnished by either party to the other pursuant to this section; (ii) delivered personally to the parties hereto.

**SECTION 13. WAIVER:** No waiver by either party of any breach of any of the covenants or conditions of this license which are to be performed by the other party shall be construed as a waiver of any succeeding breach of the same or any other covenant or conditions.

**SECTION 14. Attorneys' Fees upon Default:** If Licensee defaults in the timely performance of its obligations, under this License, the Licensor shall be entitled to recover court costs and reasonable attorney's fees, as determined by a court, in any suit or proceeding to enforce its rights under this License. The foregoing shall not in any way limit or restrict any right or remedy at law or equity which would otherwise be available to such party in default.

**SECTION 15. Force Majeure:** If either party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this License, other than the obligation of Licensee to make payments of amounts due hereunder, then the obligations of both Licensee and Licensor, so far as they are affected by such force majeure, shall be suspended during the continuance of any inability so caused, but for no longer period, and such cause shall so far as possible be remedied within a reasonable time. The term "force majeure" as employed in this License shall mean acts of God, strikes, lockouts, or other industrial disturbances, acts of public enemies, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, interruptions by government not due to the fault of the parties, civil disturbances, explosions, or unforeseeable action or nonaction by governmental bodies in approving the applications for approvals or permits or any material change in circumstances arising out of legislation, regulation or litigation. Nothing in this section shall require Licensor to settle a strike.

**SECTION 16. Entire Agreement; Changes After Execution:** This License, including its specified addenda and exhibits, if any, constitutes the entire agreement between the parties, and any amendment hereto must be in writing, signed by both parties.

**SECTION 17. Water Damage:** Licensor shall not be liable for any loss sustained by Licensee, its officers, employees, agents, assigns or invitees on the Licensed Property because of water damage from any sources whatsoever, including but not limited to, flood, drainage, or run-off, irrespective of any prior knowledge by Licensor of the possibility of such flood, drainage, or run-off, or any act, omission or negligence of Licensor, members of its governing body, directors, officers, employees, agents or assigns, arising from operation or maintenance of any Rio Grande Project dam, canal, drain or other works.





**United States Department of the Interior  
Bureau of Land Management  
New Mexico State Office**

**Request for Modification of  
Cultural Resource Use Permit**

---

**1. Name of Permittee:**

**2. Mailing Address:**

---

**3. Telephone Number:**

**FAX Number:**

**E-mail address:**

---

**4. Previous Permit/Modification Number:**

**5. Issue Date:**

---

**6. Nature of Modification Requested:**

a. Addition of Personnel

b. Removal of Personnel

c. Change of Curation Facility

d. Change of Name or Address

e. Change/Add Location/Area of Work

---

**7. Provide pertinent information about modification requested; ie., extension date, names of individuals by position and permit area requested (with vitae and charts of experience attached):**

---

**8. Existing permit status (list personnel currently on your permit by role and permit area):**

a. Authorized for Project Director

b. Authorized for Field Supervisor

---

**9. Signature - Permit Administrator:**

**Date:**

---

**Record of Decision**

**New Permit No:**

**Expiration Date:**

Modification Approved

Modification Denied

Special Stipulations Attached

Letter of Explanation Attached

---

**Approved by:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Deputy State Director,  
Division of Resources**

(Attach Sheets for additional information)

# **APPENDIX I**

## **Miscellaneous Calculations**

	Tank Elevation (ft), half full	4006	<b>Hazen Williams Head Loss Calculations</b>						
	Q (gpm)	2000							
	minimum pressure (psi)	20							
	PVC, C factor	140							
	Static Pressure at Desert Pride (psi)	92							
	Minimum head loss (psi)	72.08							
	Pressure at Anthony Middle School (psi)	73							
	End Elevation (ft)	South Tank	Type	Size (in)	length (ft)	Velocity (ft/s)	Major Head loss (ft)	minor Headloss (ft)	Head loss (psi)
EXIST	3903.64	To W Frontage Road	PVC	16	1650.02	3.19	3.31	0.33	
EXIST	3903.48	To Acosta Road	PVC	16	528.94	3.19	1.06	0.11	
EXIST	3804.48	To Anthony Drive	PVC	16	7073.51	3.19	14.21	1.42	
EXIST	3836.26	To O'Hara Road	PVC	14	5670.58	4.17	21.81	2.18	
EXIST	3796.86	To Highway 478	PVC	14	3747.40	4.17	14.41	1.44	
EXIST	3794.46	To Dairy Farm Road	PVC	14	6084.91	4.17	23.41	2.34	
EXIST	3792.49	To Webb Road	PVC	10	1659.07	8.17	32.80	3.28	
EXIST	3790.82	To Washington Street	PVC	10	7842.14	8.17	155.06	15.51	
EXIST	3793.52	East Rio Grande Levee	PVC	8	2446.25	12.77	143.25	14.32	
PROP	3793.46	West Rio Grande Levee	DI	12	620.06	5.67	5.05	0.50	2.40
PROP	3789.44	To E. Boone Circle	PVC	12	1159.31	5.67	9.44	0.94	4.50
PROP	3792.45	To West Boone Circle	PVC	12	442.36	5.67	3.60	0.36	1.72
PROP	3797.3	To Lou Henson Hwy	PVC	12	4153.88	5.67	33.83	3.38	16.11
PROP	3793.29	To Desert Pride Elementary	PVC	12	5273.56	5.67	42.95	4.29	20.45
							West of Rio Grande		45.17

Calculated By Jonah Ruybalid Date 12-01-15  
Checked By Updated Date 2-25-16  
Sheet No. Pop Of

Client AWSD Project No. AMT152-11  
Project  
Subject Water PER

2015 Average Day Demand = 93 gpcd  
Maximum Day Demand = (93 gpcd) 1.8 = 167 gpcd  
2015 Population = 10,328      2035 Population = 14,462

2015 Storage Requirements

Equalization: 
$$[(10,328) 167] - [1550 \text{ gpm} (60)(24)] = \emptyset$$

Fire:  $1500 \text{ gpm} (2 \text{ hours}) = 180,000 \text{ gallons}$

Emergency: 1 Max Day = 167 gpcd (10,328) = 1,724,776 gallons

2015 Storage Required =  $\emptyset + 0.18 + 1.725 = 1.90 \text{ MG}$

2035 Storage Requirements

Equalization: 
$$[(14,462) 167] - [1550 (60)(24)] = 123,154 \text{ gallons}$$

Fire: 180,000 gallons

Emergency: 1 max day = 167 gpcd (14,462) = 2,415,154 gallons

2035 Total Storage Required =  $0.18 + 0.18 + 2.42 = 2.78 \text{ MG}$

□ = .25 inch<sup>2</sup>

**TABLE 2.9:** Needed Fire Flow for One- and Two-Family Dwellings

Distance between buildings (m)	Needed fire flow (L/min)
>30	2000
9.5–30	3000
3.5–9.5	4000
<3.5	6000

Source: AWWA (1992).

**TABLE 2.10:** Required Fire-Flow Durations

Required fire flow (L/min)	Duration (h)
<9000	2
11,000–13,000	3
15,000–17,000	4
19,000–21,000	5
23,000–26,000	6
26,000–30,000	7
30,000–34,000	8
34,000–38,000	9
38,000–45,000	10

Source: AWWA (1992).

safely and effectively. The NFF should be rounded to the nearest 1000 L/min if less than 9000 L/min, and to the nearest 2000 L/min if greater than 9000 L/min. For one- and two-family dwellings not exceeding two stories in height, the NFF listed in Table 2.9 should be used. For other habitable buildings not listed in Table 2.9, the NFF should not exceed 13,000 L/min maximum.

Usually the local water utility will have a policy on the upper limit of fire protection that it will provide to individual buildings. Those wanting higher fire flows need to either provide their own system or reduce fire-flow requirements by installing sprinkler systems, fire walls, or fire-retardant materials (Walski, 1996; AWWA, 1992). Estimates of the needed fire flow calculated using Equation 2.147 are used to determine the fire-flow requirements of the water-supply system, where the needed fire flow is calculated at several representative locations in the service area, and it is assumed that only one building is on fire at any time (Sykes, 1995). The design duration of the fire should follow the guidelines in Table 2.10. If these durations cannot be maintained, insurance rates are typically increased accordingly. A more detailed discussion of the requirements for fire protection has been published by the American Water Works Association (AWWA, 1992).

**EXAMPLE 2.15**

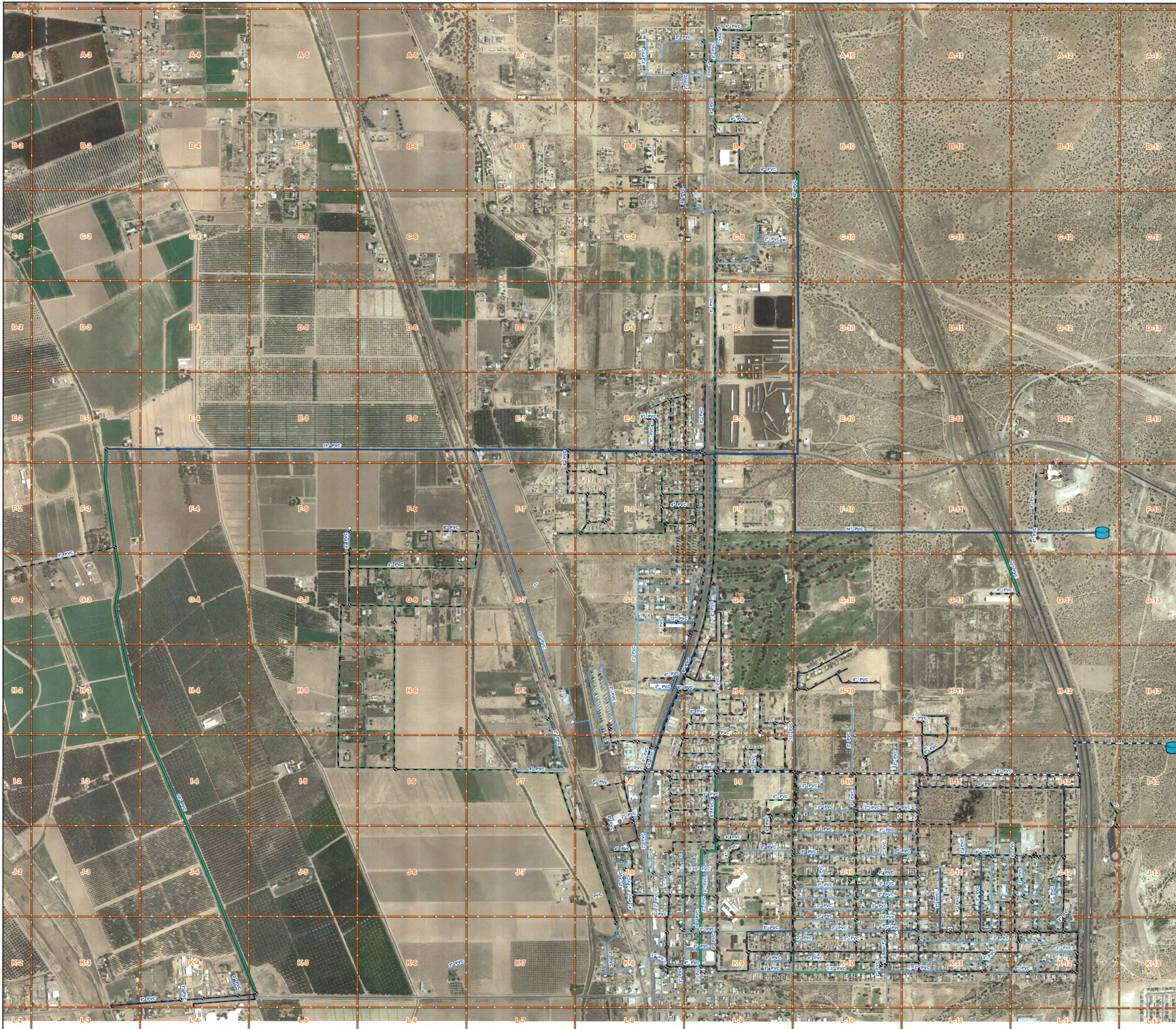
Estimate the flowrate and volume of water required to provide adequate fire protection to a 10-story noncombustible building with an effective floor area of 8000 m<sup>2</sup>.



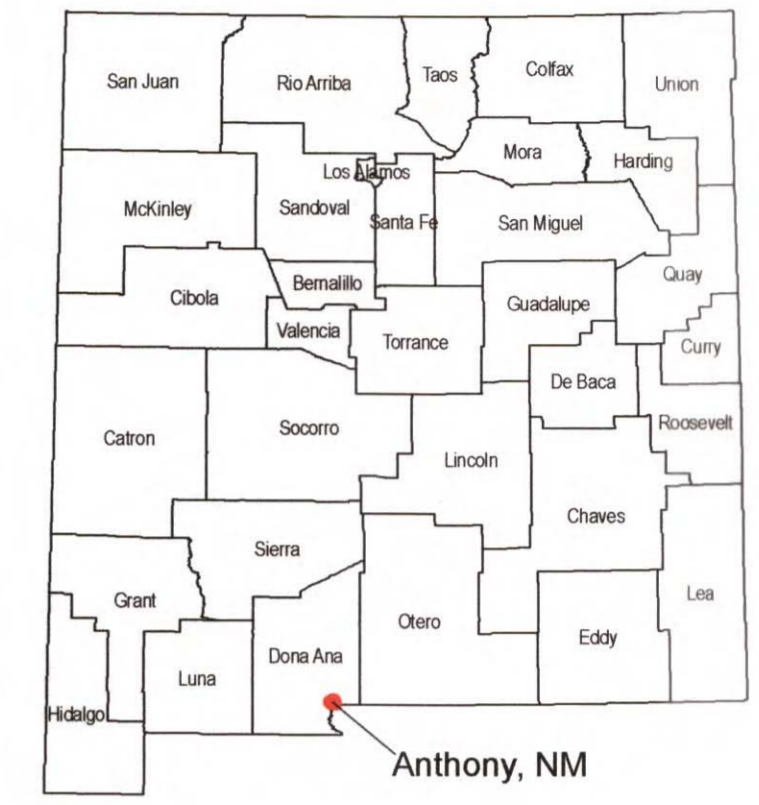
# **APPENDIX J**

## **Existing Water System Map & As- Built Drawings**





New Mexico Rural Water Association  
 3413 Carlisle Boulevard NE  
 Albuquerque, NM 87110  
 505-884-1031 or 1-800-819-9893  
 www.nmrwa.org



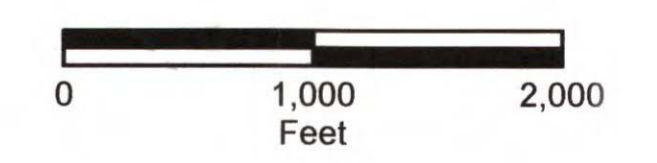
**Legend**

- Storage Tank
- Hydrants
- Private Hydrant
- Hydrant (Not GPS'd)
- Air Release
- Ball
- Flush
- Flush (Not GPS'd)
- Gate
- Gate (Not GPS'd)
- Pressure Reducing
- Well

**Anthony Grid**

**Distribution Lines**

- 1.5"
- 2"
- 3"
- 4"
- 6"
- 8"
- 10"
- 12"
- 14"
- 16"

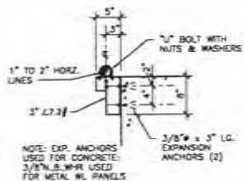


**Anthony Water & Sanitation District**

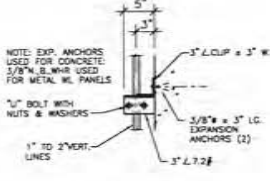
**Water System Map**

July 2011





**BRACKET "A"**

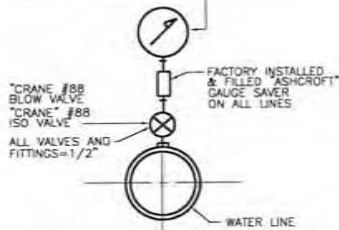


**BRACKET "B"**

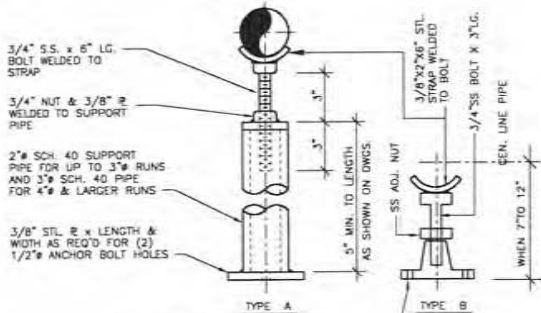
**GENERAL BRACKET NOTES:**  
 ALL BRACKETS TO BE HOT DIPPED GALVANIZED AFTER FABRICATION (H.D.G.).  
 ALL BRACKETS TO BE WELDED CONSTRUCTION.  
 ALL EXPANSION ANCHOR BOLTS, NUTS & WASHERS TO BE STAINLESS STEEL.  
 ALL 1/2" BOLTS TO BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.  
 ALL FASTENER BOLTS, NUTS, & WASHERS TO BE STAINLESS STEEL.

**STANDARD PIPE BRACKETS**  
 N.T.S.

"ASHCROFT" 1379, GLYCERINE FILLED; PRESSURE TYPE ON DISCHARGE, COMPOUND TYPE ON SUCTION; MIN. 4.5" DIA.; RANGES AS SHOWN ON DWGS.

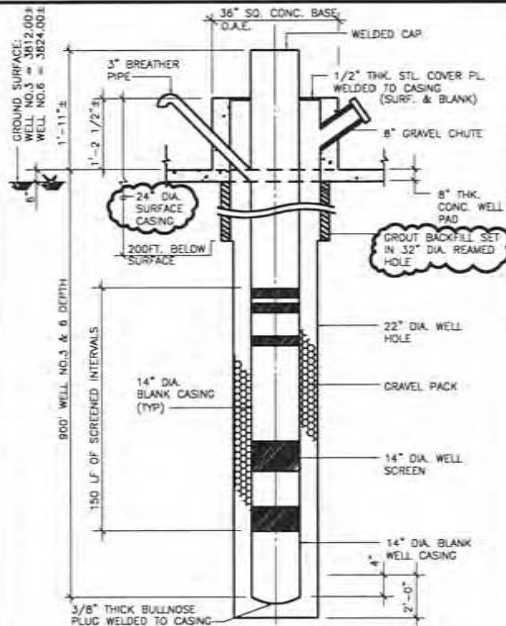


**TYPICAL PRESSURE GAUGE DETAIL**  
 N.T.S.

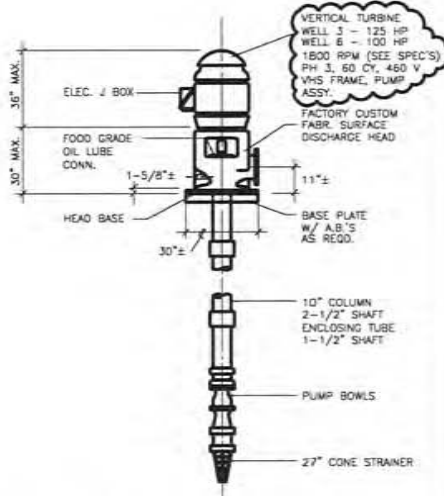


NOTE: UNIT TO BE HOT DIPPED GALVANIZED AFTER FABRICATION, EXCEPT FOR S.S. ITEMS AS SHOWN.

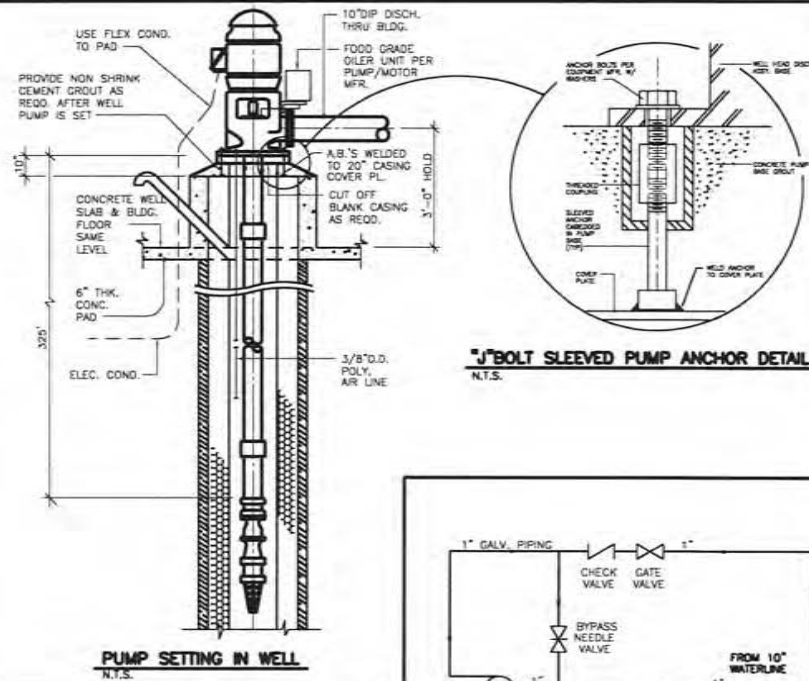
**ADJUSTABLE PIPE SUPPORT DETAIL**  
 N.T.S.



**WELL NO. 3 & NO. 6 DETAIL**  
 N.T.S.

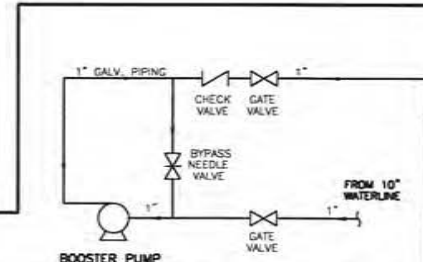


**NEW WELL PUMP, MOTOR AND COLUMN**  
 N.T.S.



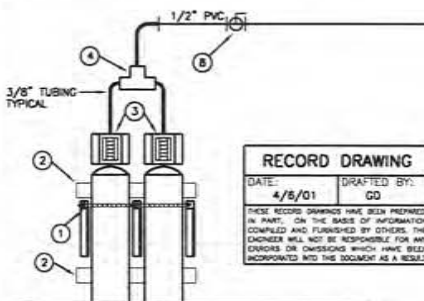
**1/2" BOLT SLEEVED PUMP ANCHOR DETAIL**  
 N.T.S.

**PUMP SETTING IN WELL**  
 N.T.S.



**WATER BOOSTER PUMP SYSTEM SCHEMATIC**

- 1 CYLINDER STORAGE BRACKETS, CONSTRUCTED OF 2" HORIZONTAL CHANNEL AND 2" DIAGONAL ANGLE ANCHOR CHANNEL AND ANGLE TO WALL WITH 2" ANGLE CLIPS WITH 1/2" STAINLESS STEEL ANCHOR BOLTS. PROVIDE STL. CHAIN WITH QUICK DISCONNECT ON BOTH ENDS AND 1" EYE BOLT ATTACHED VERTICAL TO FRONT END OF BRACKET (TYPICAL).
- 2 WOOD BOARD (2X6) BOLTED TO WALL WITH 1/2" STAINLESS STEEL ANCHOR BOLTS (TYPICAL).
- 3 VACUUM REGULATOR WITH FLOW ROTOMETER
- 4 AUTOMATIC SWITCHOVER MODULE
- 5 REMOTE ROTOMETER, METER MOUNTED ON 1/4" PLASTIC OR ALUMINUM PLATE, ANCHORED TO WALL.
- 6 PRESSURE GAUGE WITH CORPORATION STOP, RANGE 0 - 200 PSI, SEE DETAIL THIS SHEET - TYPICAL.
- 7 EJECTOR WITH INTERNAL CHECK VALVE AND THREADED WATER INLET AND OUTLET CONNECTION.
- 8 TRUE UNION BALL VALVES FOR PVC PIPE - TYPICAL.



**CHLORINE SYSTEM SCHEMATIC**  
 N.T.S.

ADDENDUM #1

ANTHONY WATER AND SANITATION DISTRICT

**WELL & CHLORINATION DESIGN**  
**WELL PUMP SETTING DETAILS**

REC'D WATER SYSTEM IMPROVEMENTS

**MOLZEN-CORBIN & Associates**

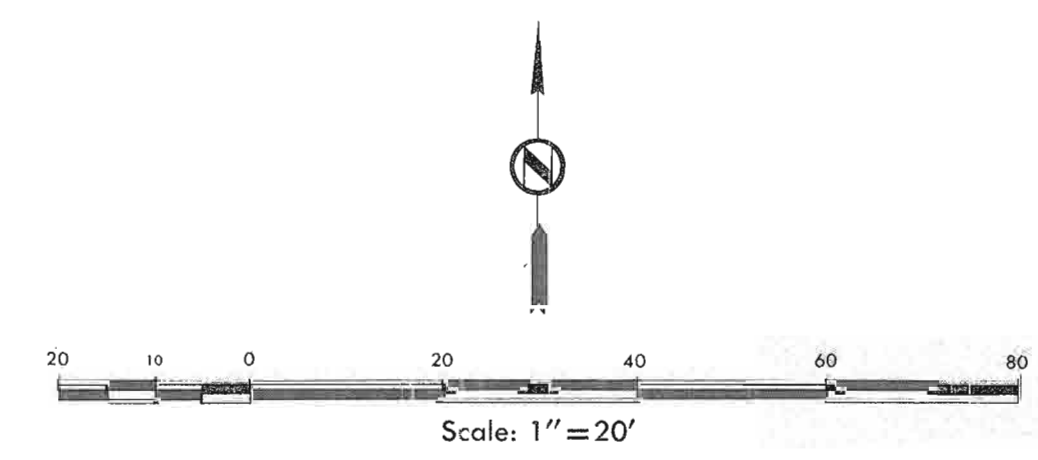
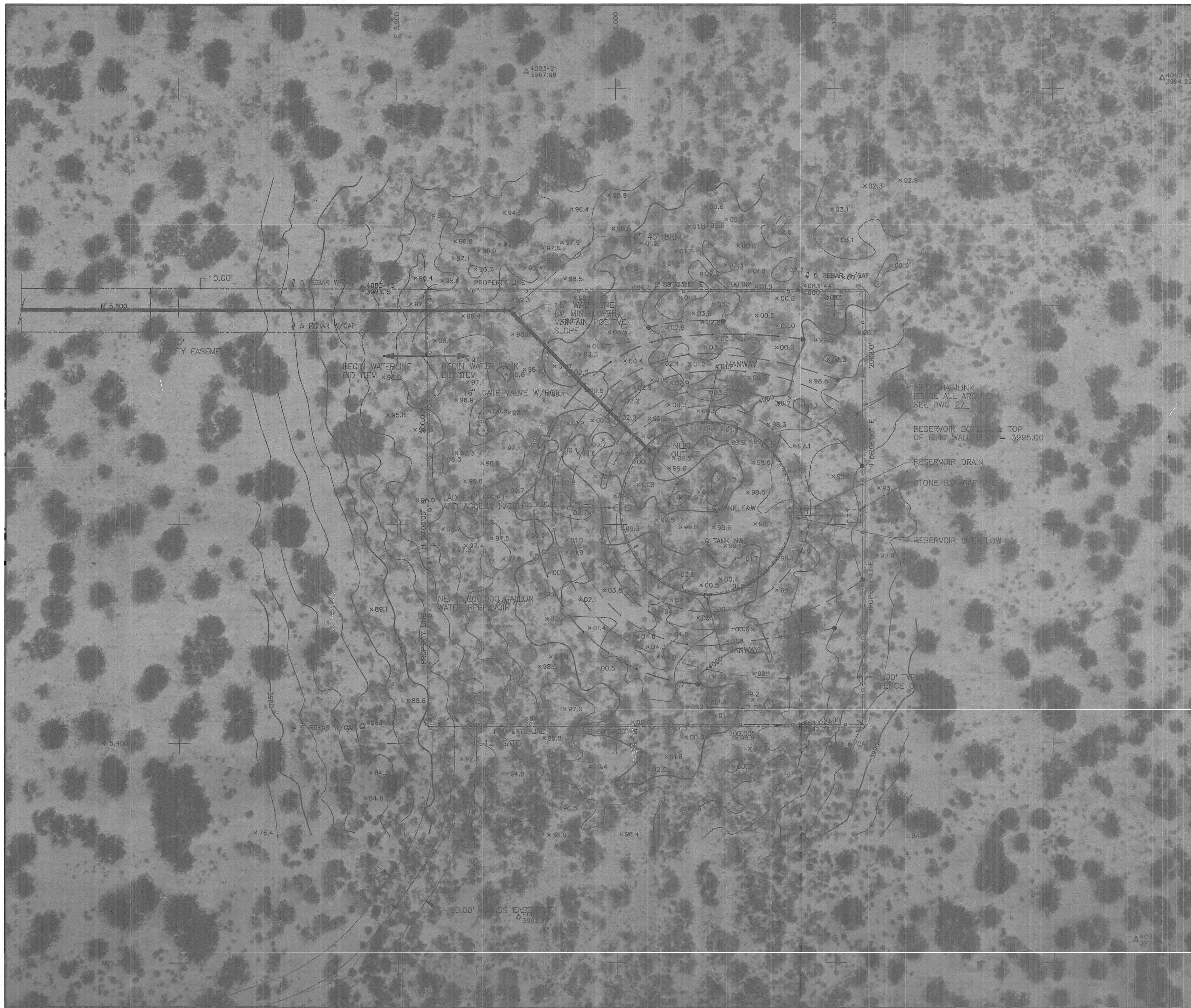
ENGINEER/PLANNER/CONSULTANT Albuquerque • New Mexico • Las Cruces

Designed: CJS Drawn: CJS Checked: RM/JP Sheet: 1 of 1

AW142-11.003 Date: AUG. 1997 M-4







Scale: 1" = 20'  
 COMPILED BY PHOTOGRAMMETRIC METHODS  
 DATE OF PHOTOGRAPHY AUGUST 10, 1992  
 CONTOUR INTERVAL 2 FEET

ANTHONY WATER AND SANITATION DISTRICT

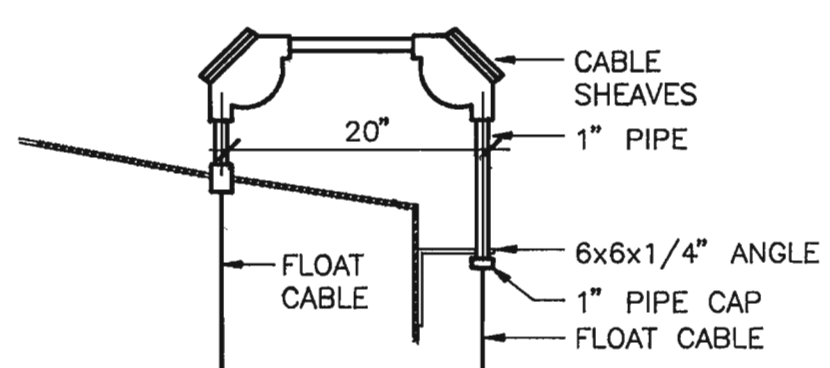
**TANK SITE**

FmHA WATER SYSTEM IMPROVEMENTS

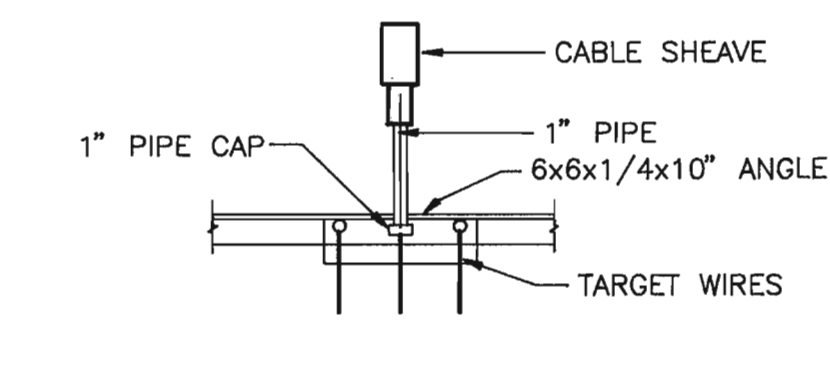
**MOLZEN-CORBIN & Associates**

ENGINEERS/PLANNERS/CONSULTANTS		Albuquerque • New Mexico • Las Cruces	
Designed	Drawn	Checked	Sheet
JBP	REF	JBP	of
File ANT23-11.D03		Date JUL 1993	26 34

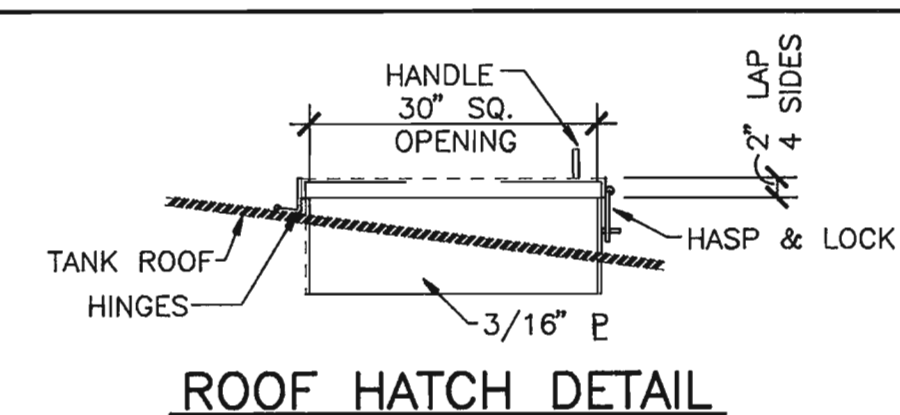




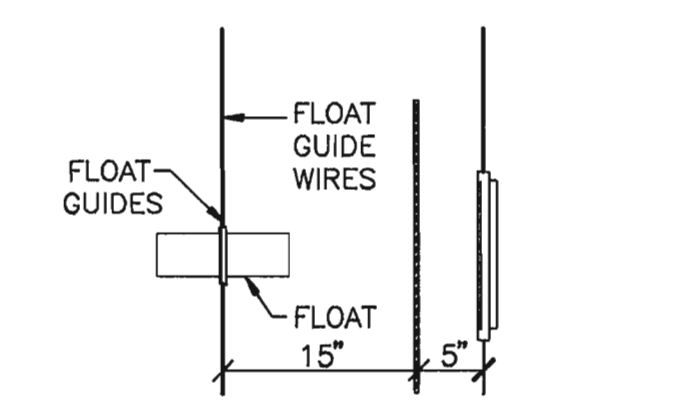
SIDE VIEW AT CABLE SHEAVES



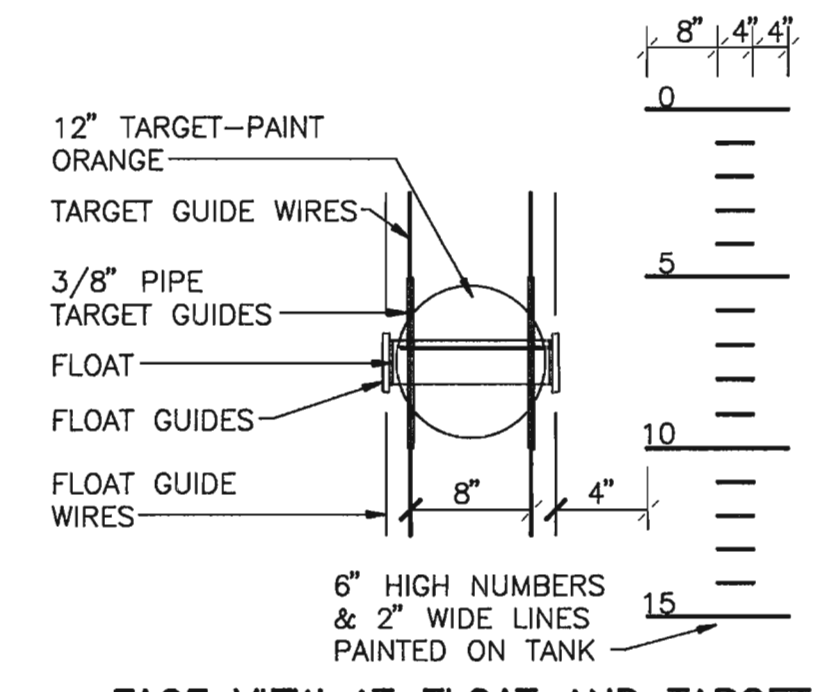
FACE VIEW AT CABLE SHEAVES



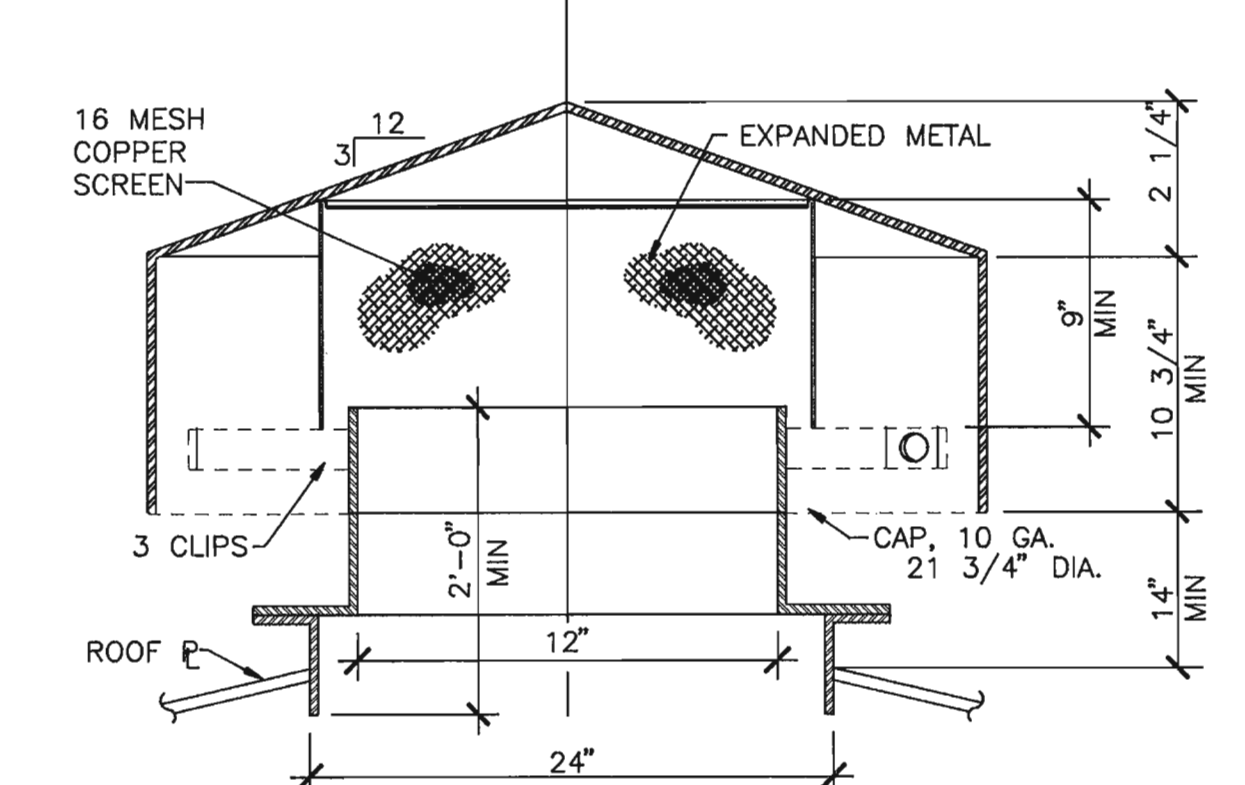
ROOF HATCH DETAIL



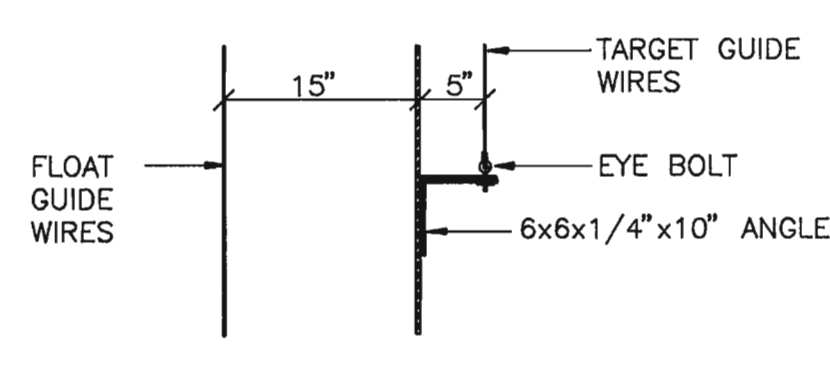
SIDE VIEW AT FLOAT AND TARGET



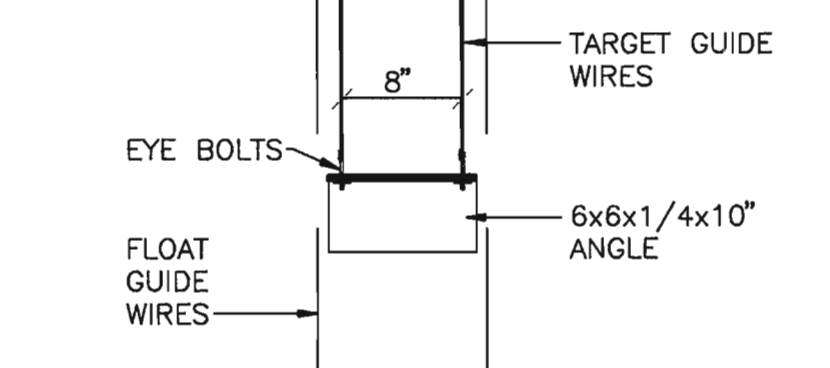
FACE VIEW AT FLOAT AND TARGET



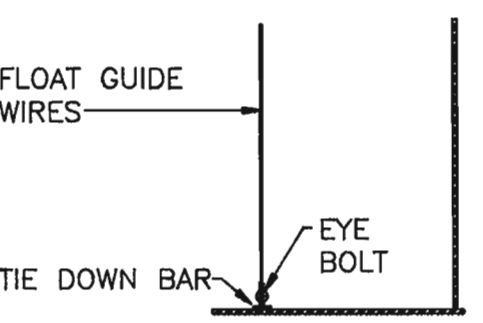
TANK VENT DETAIL



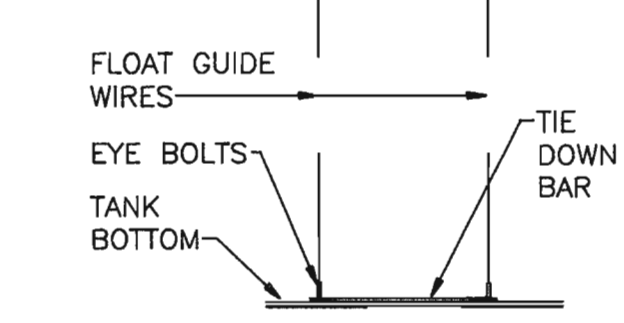
SIDE VIEW AT TARGET GUIDE ANCHOR



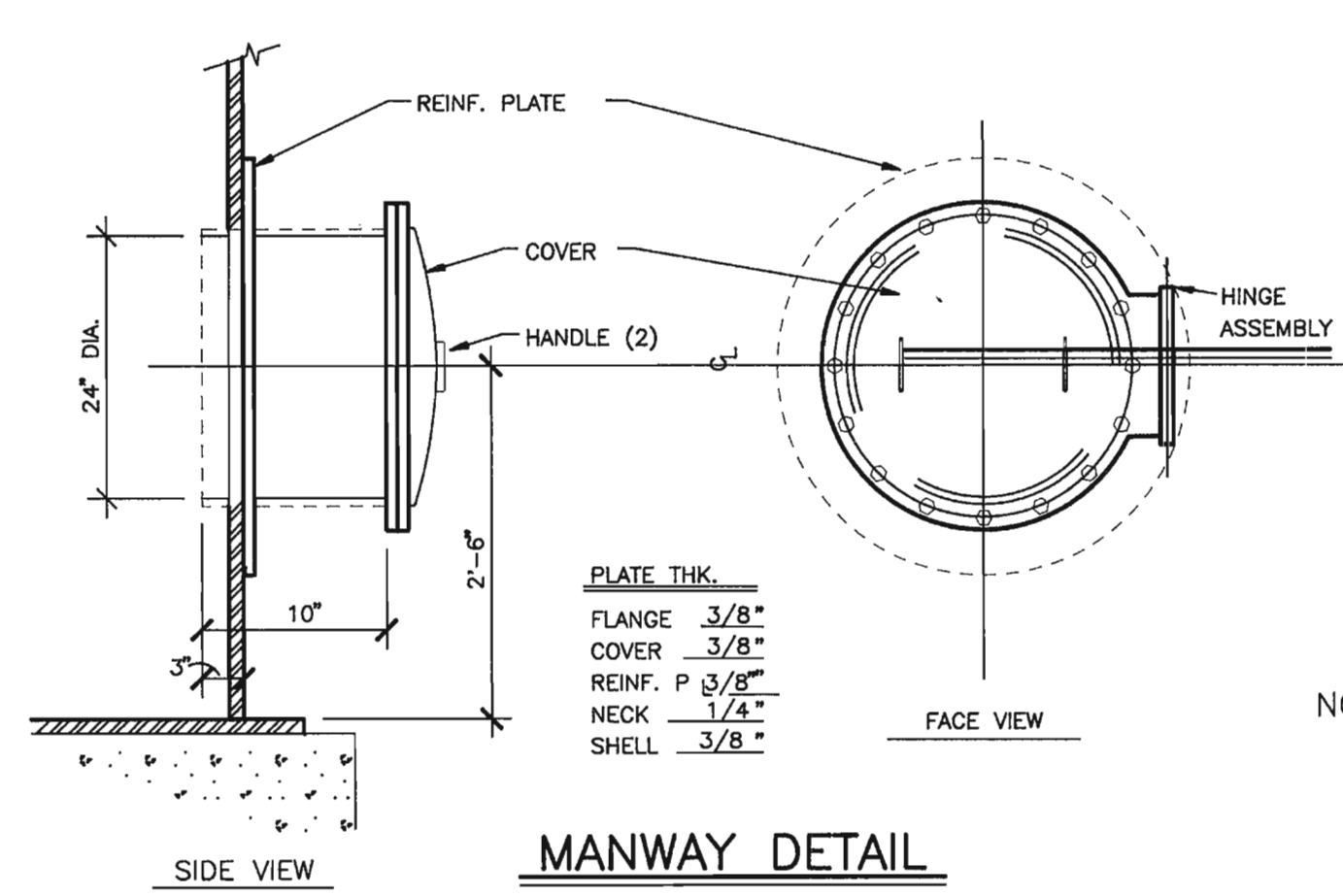
FACE VIEW AT TARGET GUIDE ANCHOR



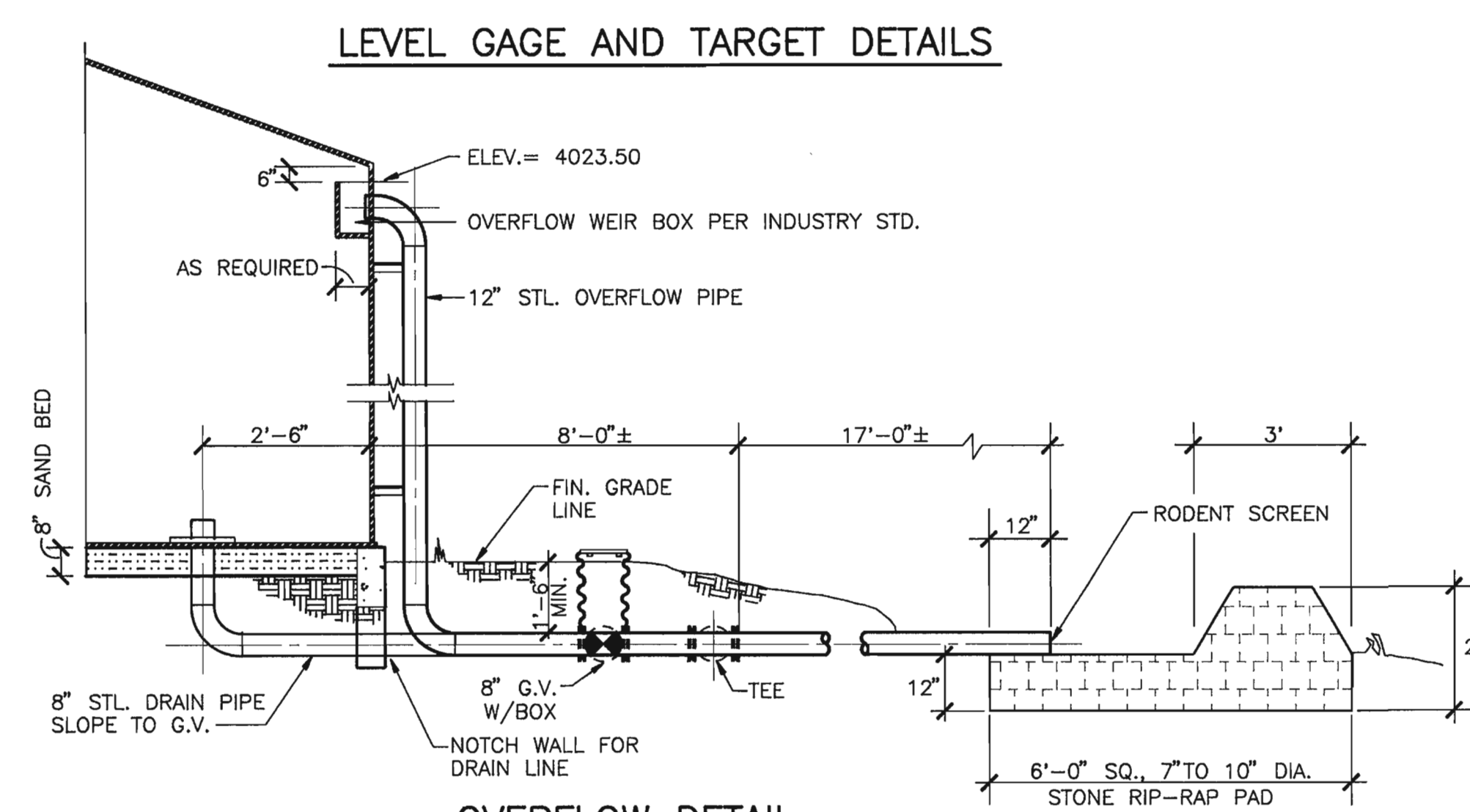
TIE DOWN BAR



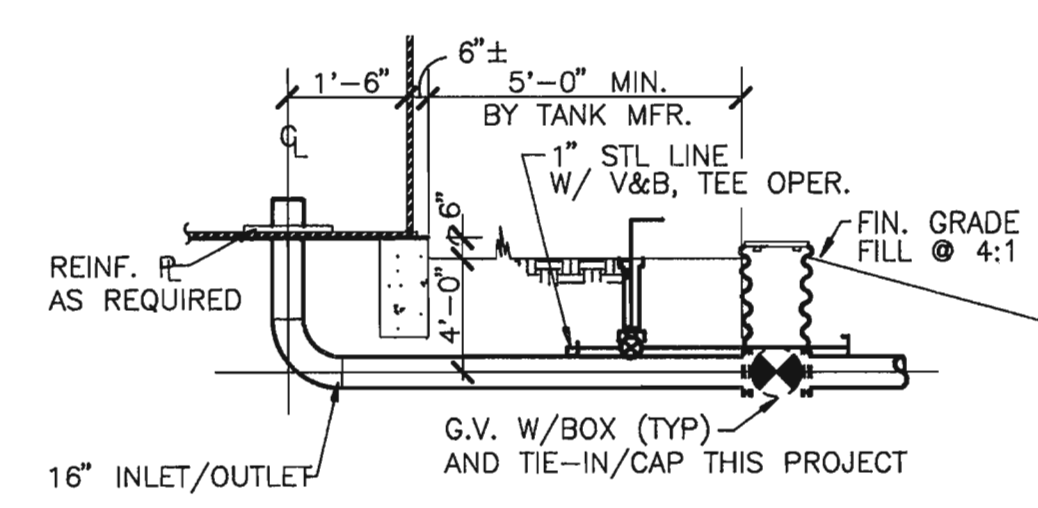
TIE DOWN BAR



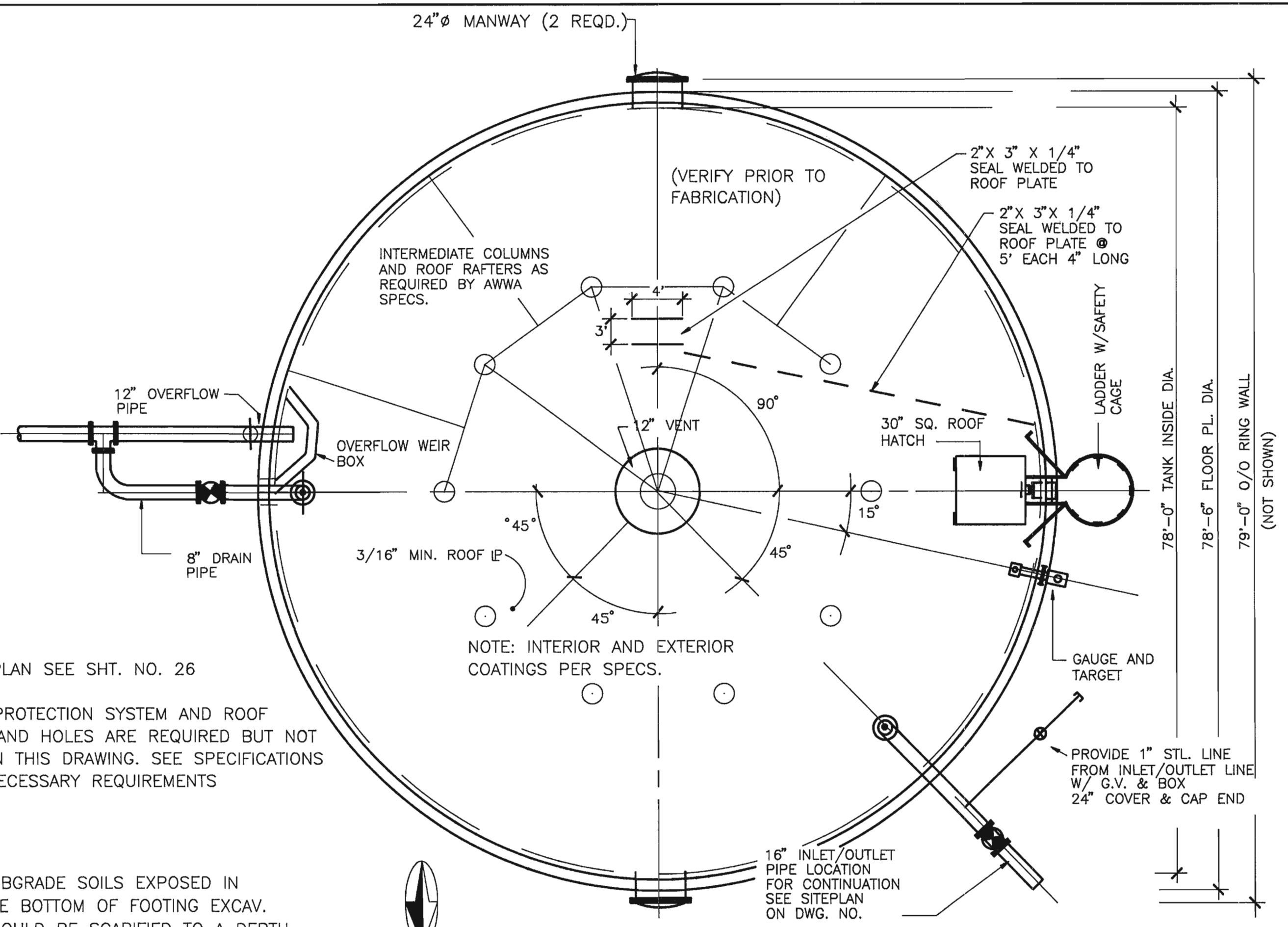
MANWAY DETAIL



OVERFLOW DETAIL



INLET - OUTLET DETAIL

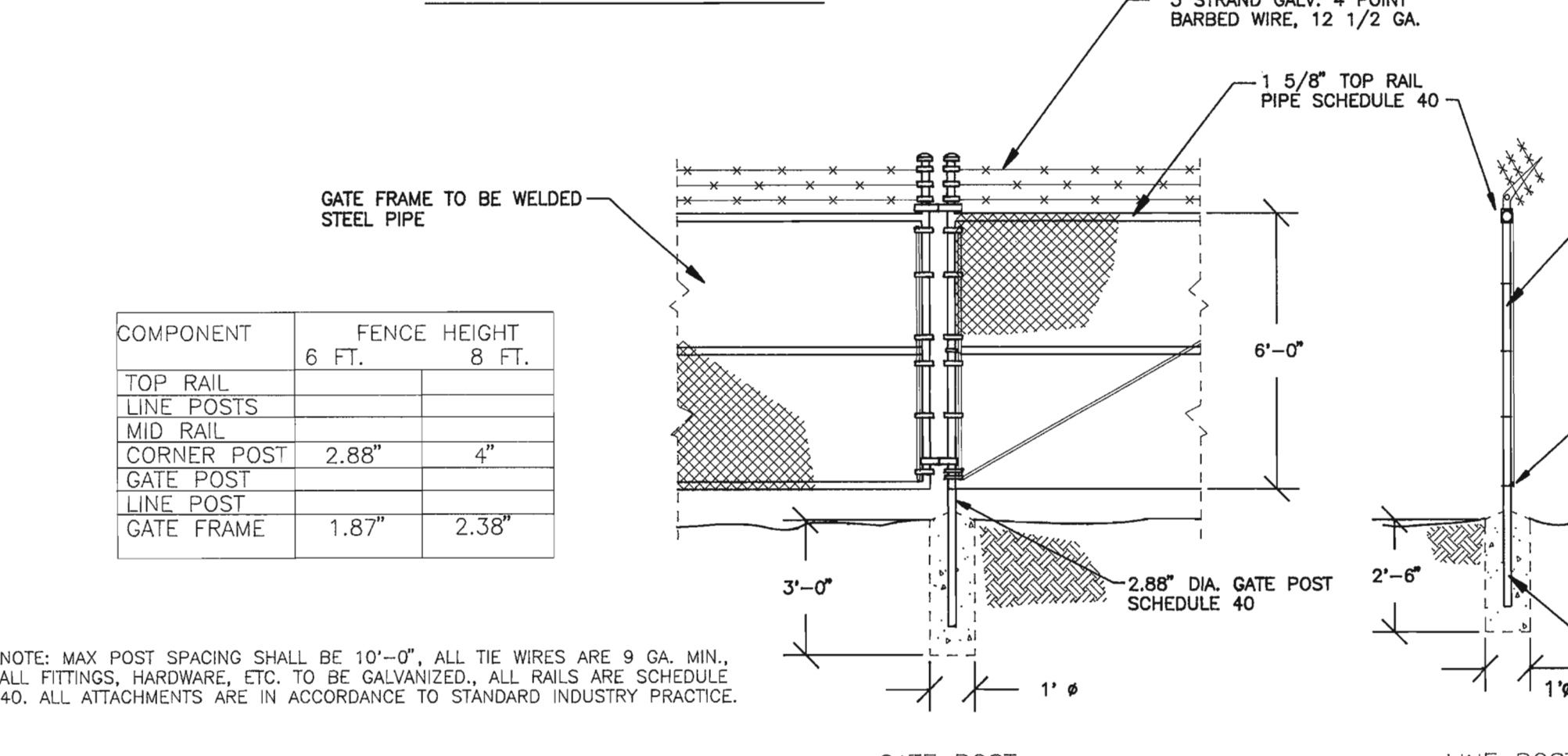


PLAN

NOTE: FOR SITE PLAN SEE SHT. NO. 26  
 CATHODIC PROTECTION SYSTEM AND ROOF LOCATED HAND HOLES ARE REQUIRED BUT NOT SHOWN THIS DRAWING. SEE SPECIFICATIONS FOR ALL NECESSARY REQUIREMENTS

NOTES:  
 SUBGRADE SOILS EXPOSED IN THE BOTTOM OF FOOTING EXCAV. SHOULD BE SCARIFIED TO A DEPTH OF 12" AND COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE

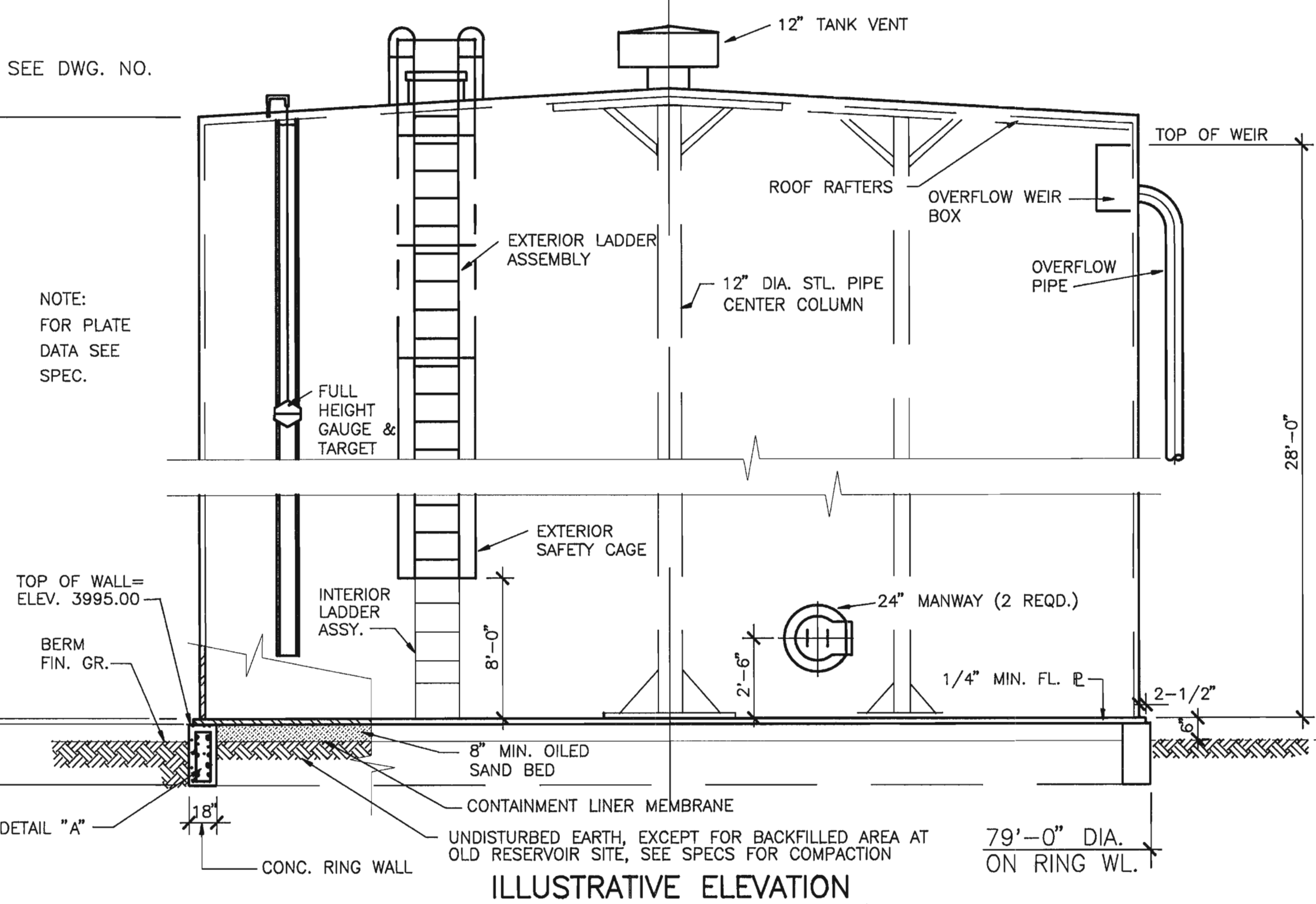
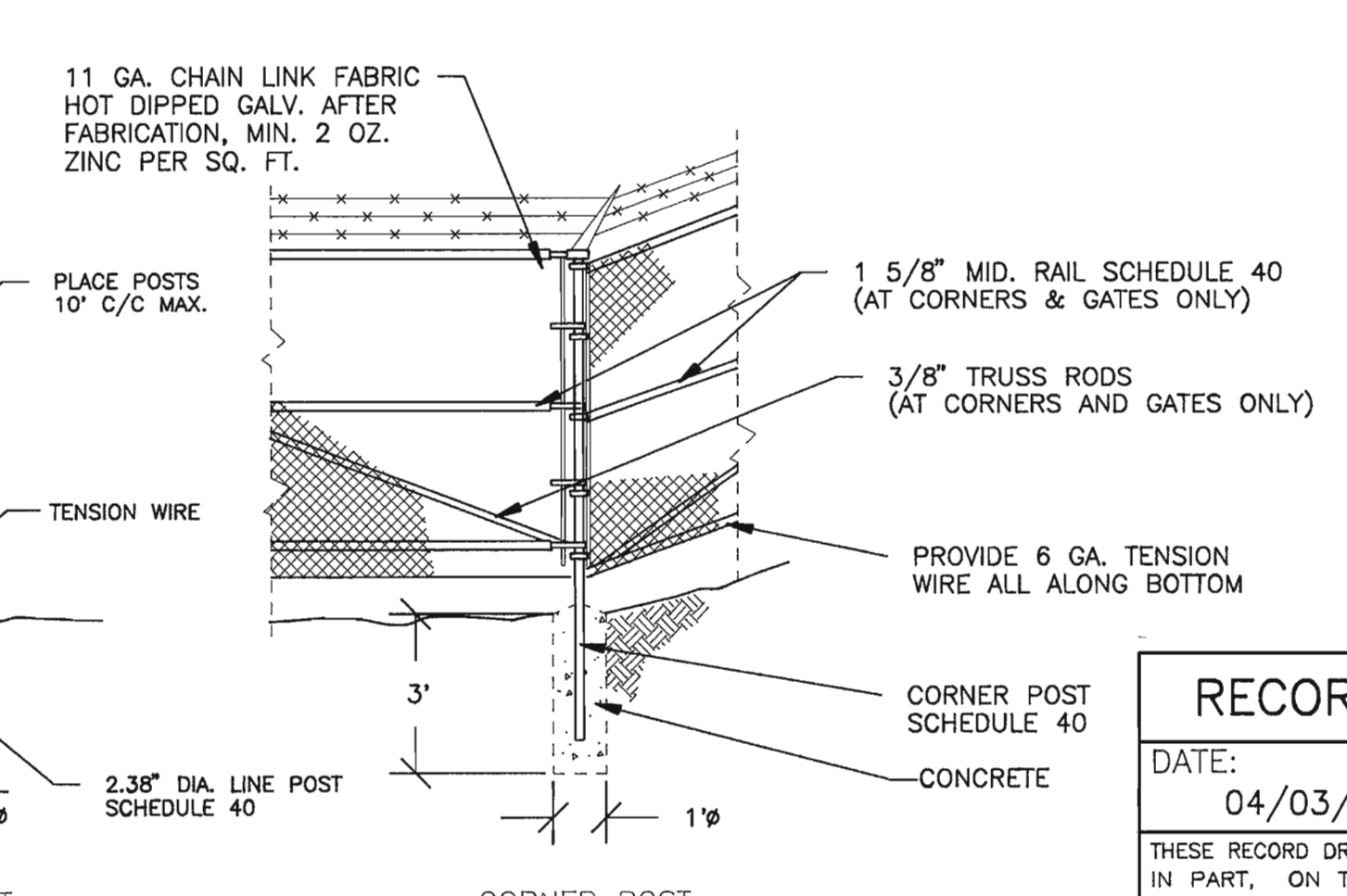
NOTES:  
 FOR SITEPLAN SEE DWG. NO.



CHAINLINK FENCE DETAILS

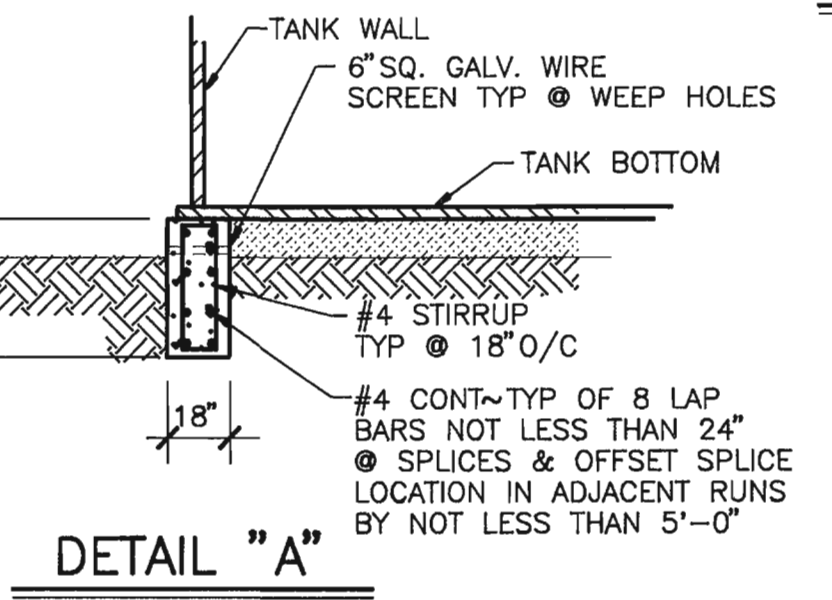
COMPONENT	FENCE HEIGHT 6 FT.	FENCE HEIGHT 8 FT.
TOP RAIL		
LINE POSTS		
MID RAIL		
CORNER POST	2.88"	4"
GATE POST		
LINE POST		
GATE FRAME	1.87"	2.38"

NOTE: MAX POST SPACING SHALL BE 10'-0", ALL TIE WIRES ARE 9 GA. MIN., ALL FITTINGS, HARDWARE, ETC. TO BE GALVANIZED, ALL RAILS ARE SCHEDULE 40. ALL ATTACHMENTS ARE IN ACCORDANCE TO STANDARD INDUSTRY PRACTICE.



ILLUSTRATIVE ELEVATION

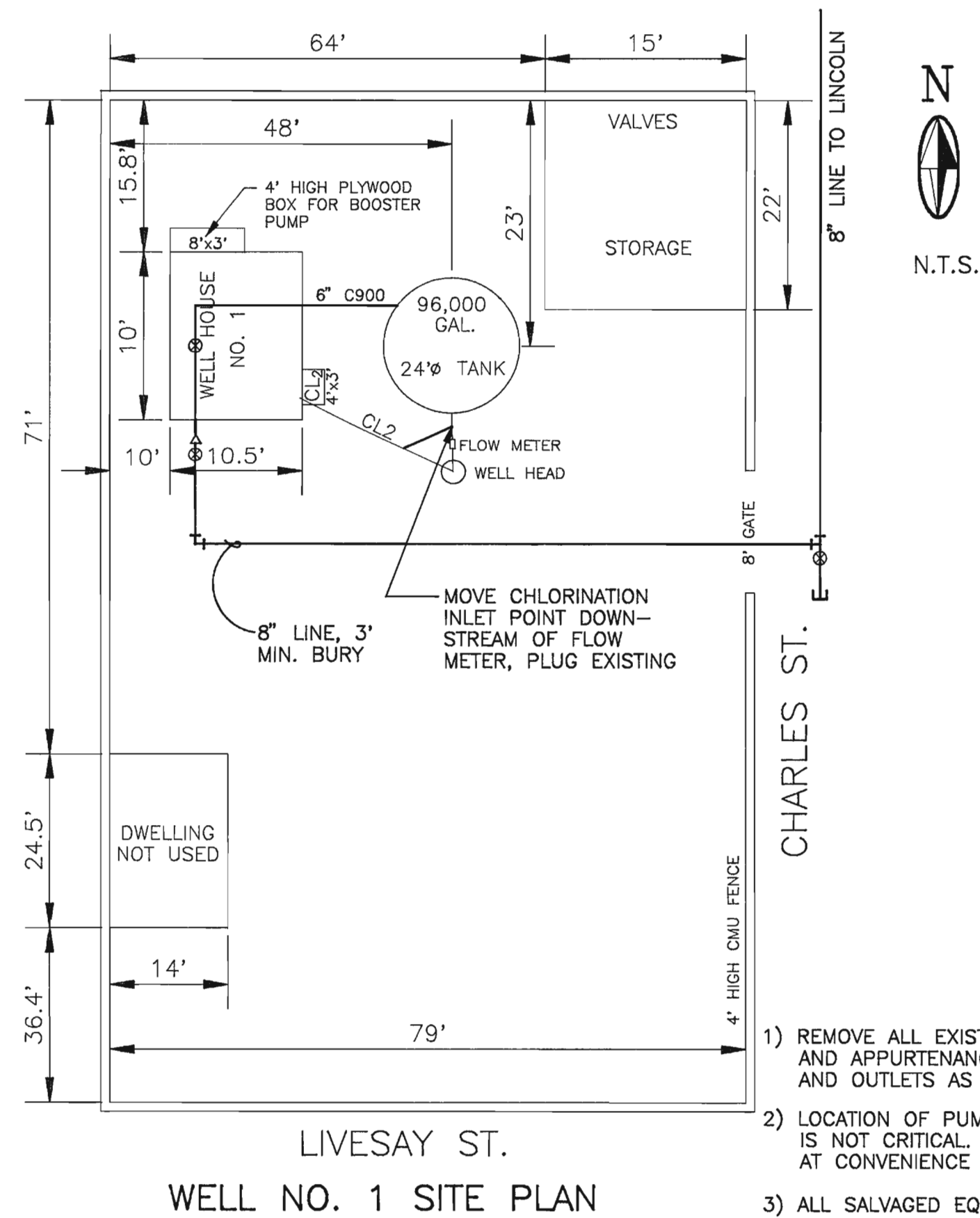
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 DATE: 04/03/95  
 DRAFTED BY: JPH  
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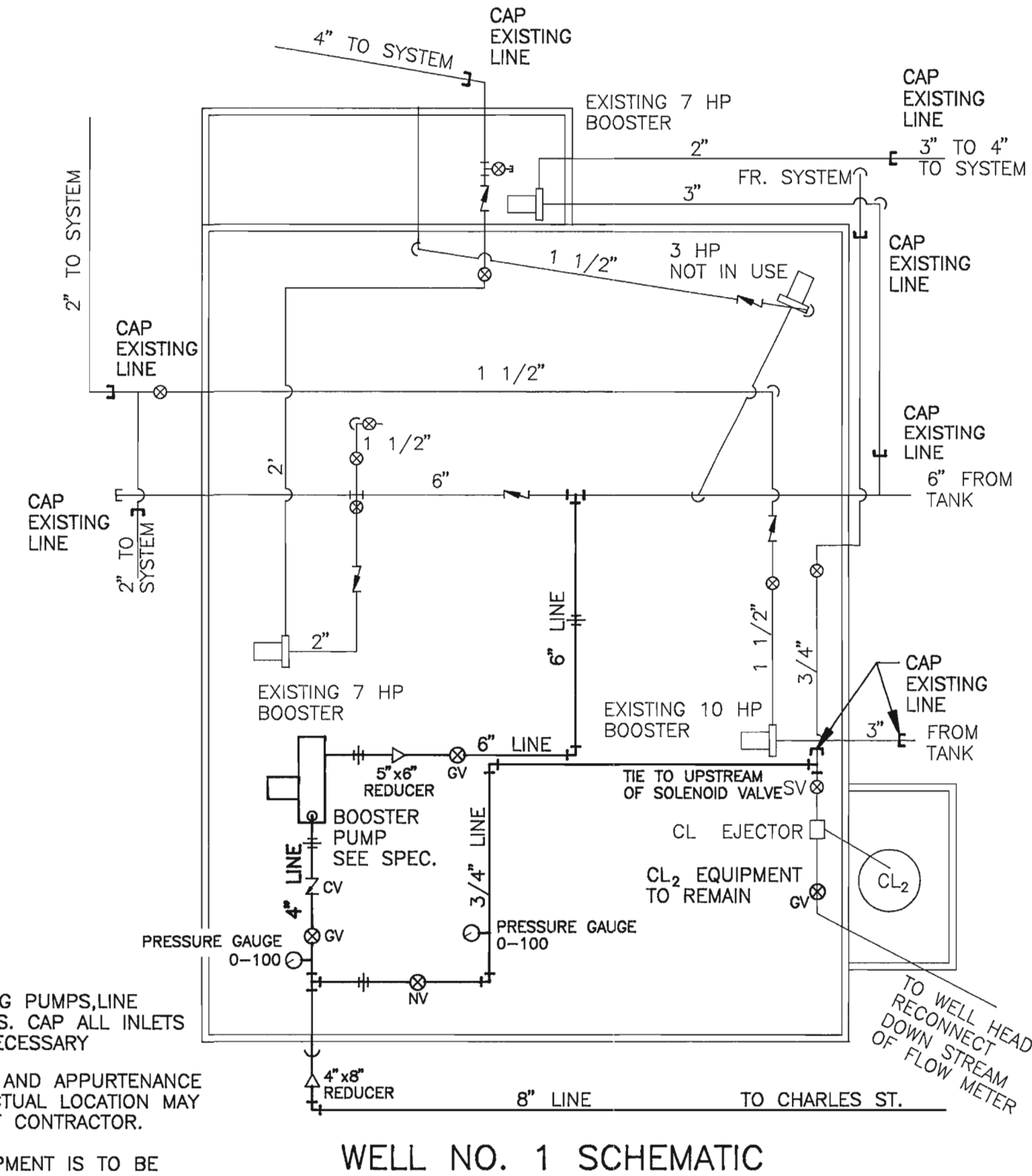
DETAIL "A"



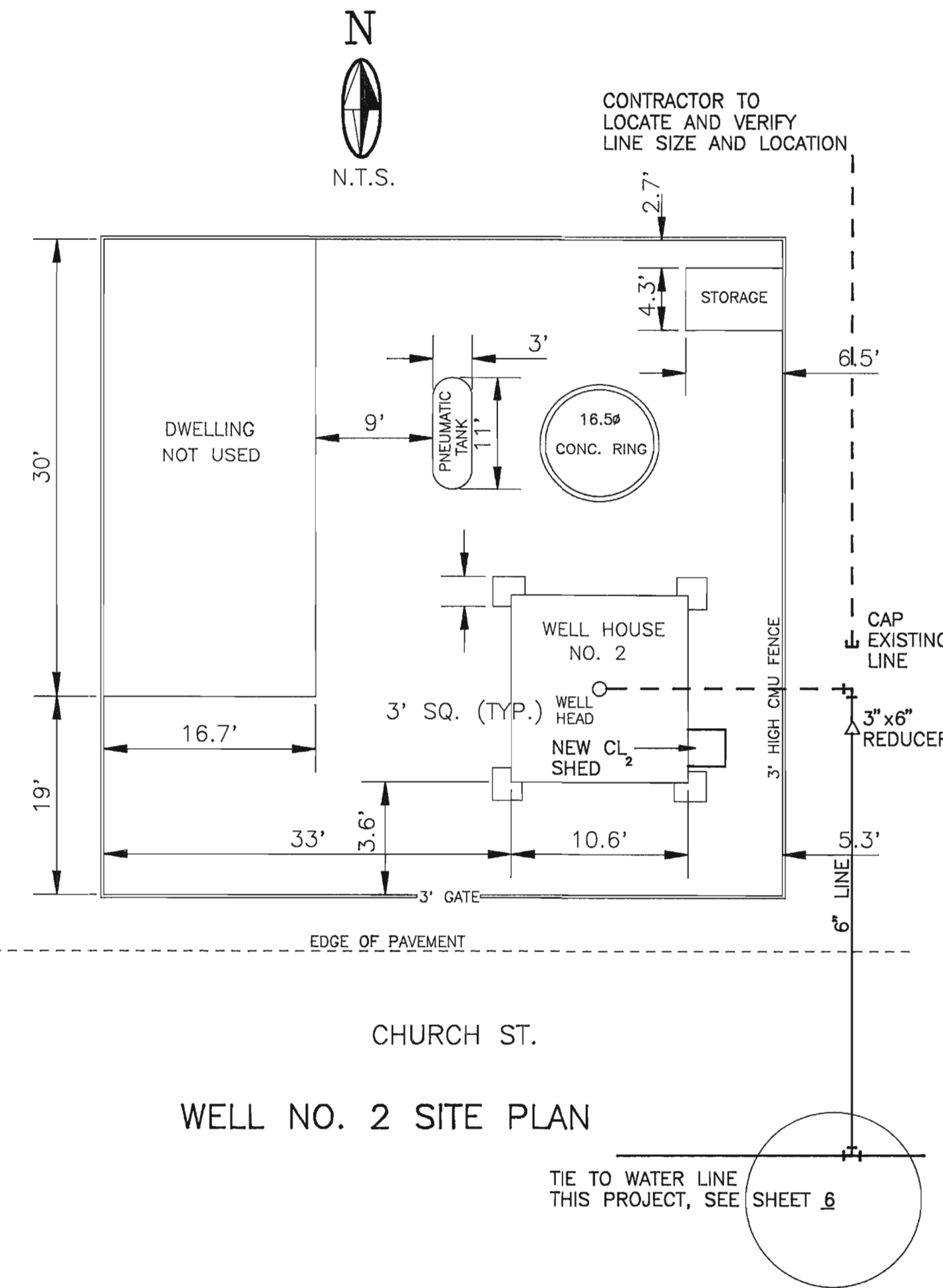
ANTHONY WATER AND SANITATION DISTRICT  
**WATER RESERVOIR - DETAILS**  
 (1,000,000 GAL. DESIGN)  
 FmHA WATER SYSTEM IMPROVEMENTS  
**MOLZEN-CORBIN & Associates**  
 ENGINEERS/PLANNERS/CONSULTANTS Albuquerque • New Mexico • Las Cruces  
 Designed JM/RC Drawn JTM Checked RC Sheet 27 of 34  
 File ANT23-11.D03 Date JUL. 1993



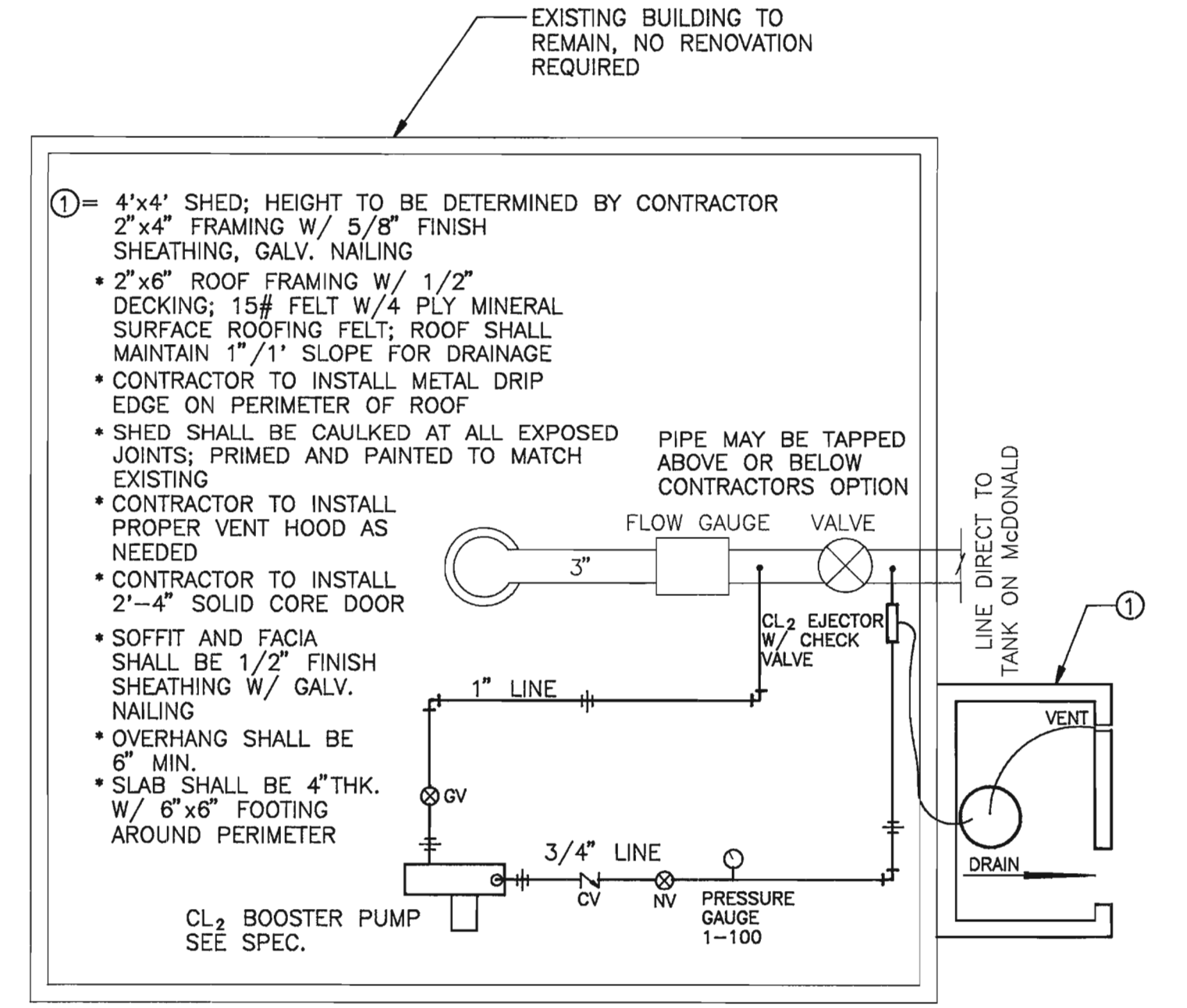
WELL SITE NO. 1



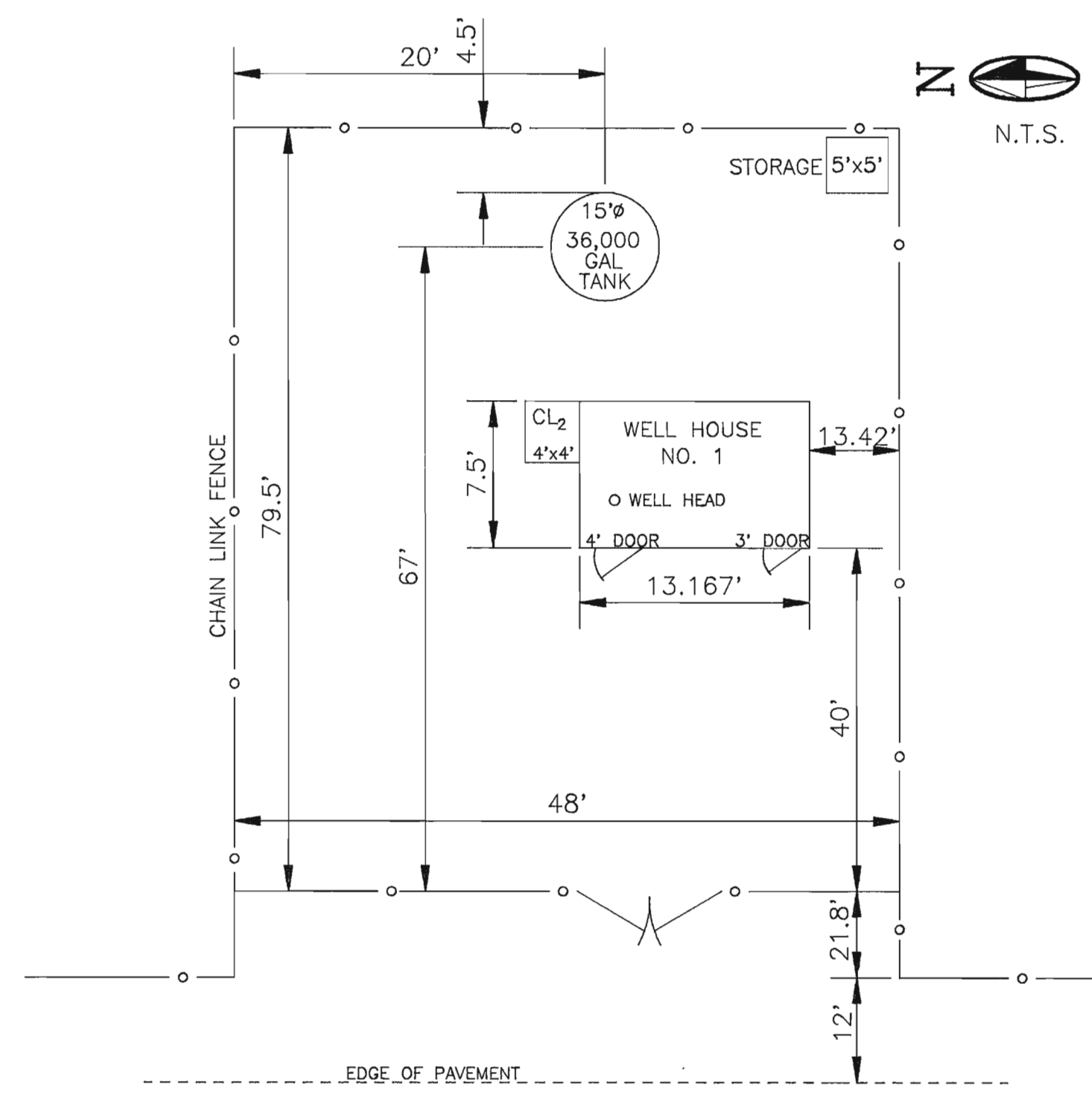
WELL SITE NO. 1



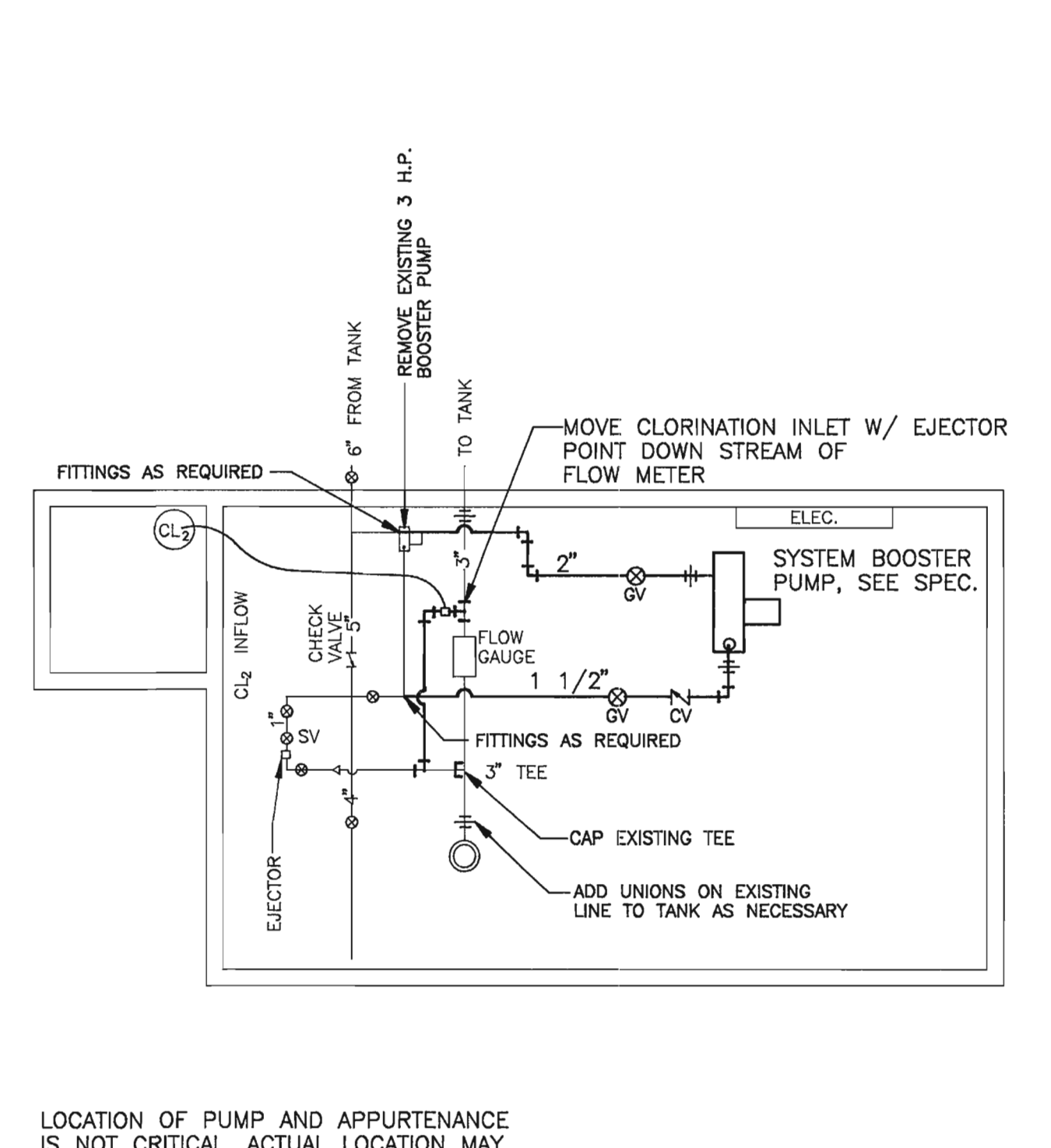
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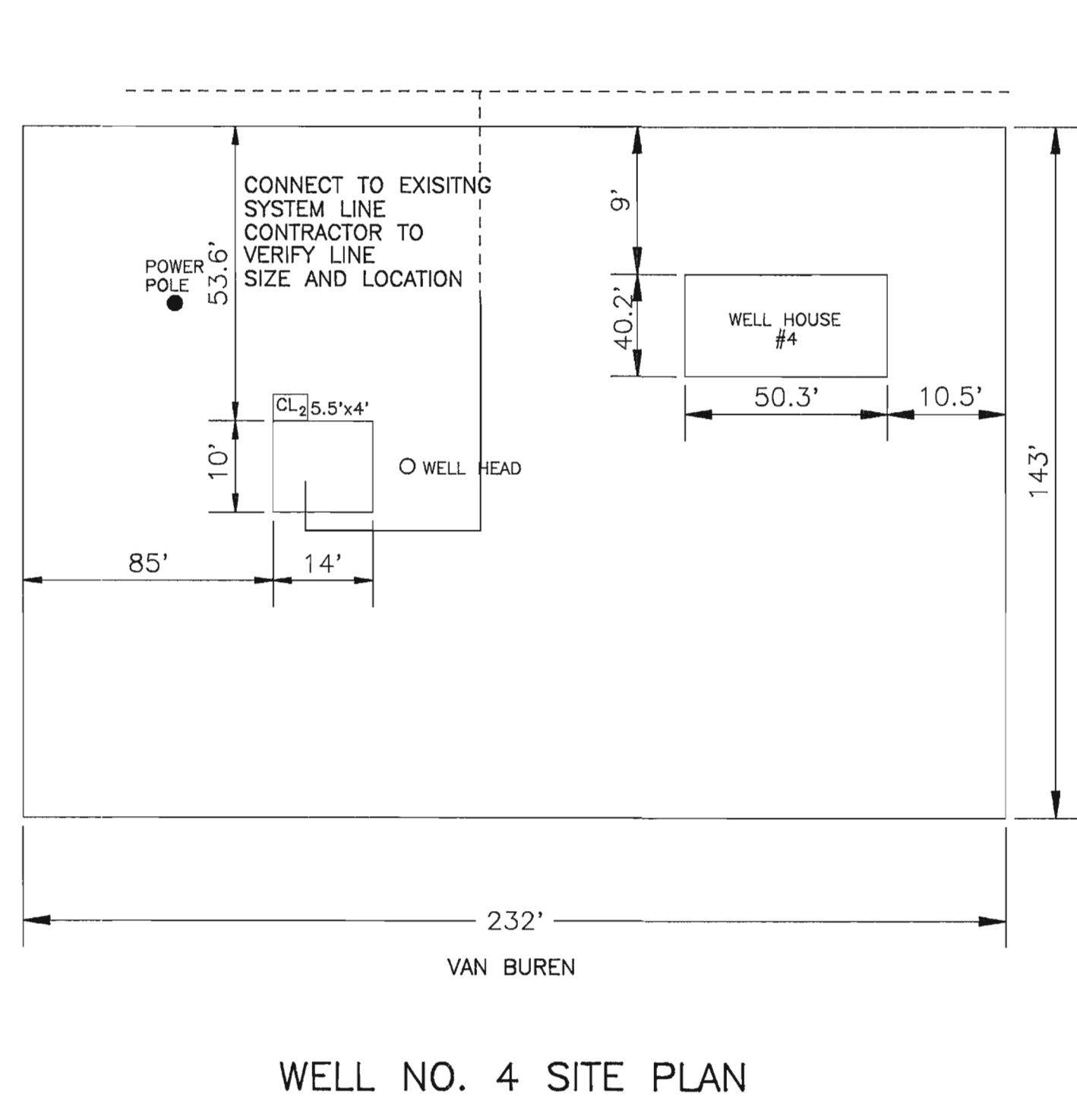
LOCATION OF PUMP AND APPURTENANCE IS NOT CRITICAL. ACTUAL LOCATION MAY BE AT CONVENIENCE OF CONTRACTOR.



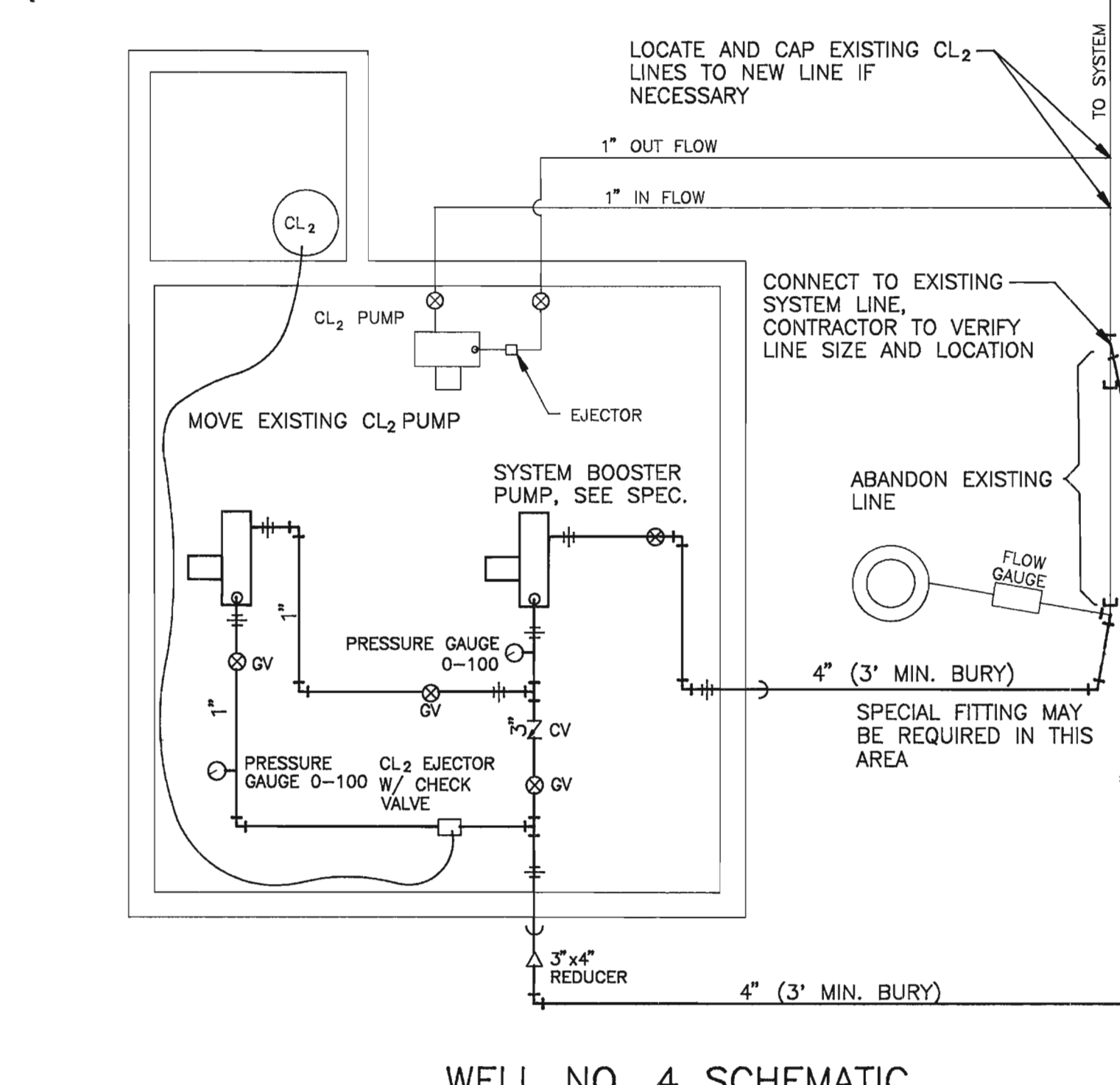
WELL SITE NO. 3



WELL SITE NO. 3



WELL SITE NO. 4

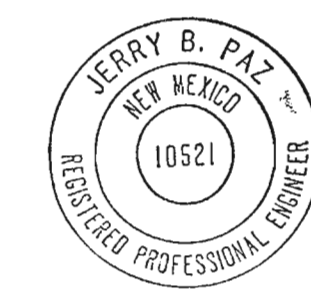


LOCATION OF PUMP AND APPURTENANCE IS NOT CRITICAL. ACTUAL LOCATION MAY BE AT CONVENIENCE OF CONTRACTOR

**RECORD DRAWING**  
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WELL SITE NO. 4

WELL SITE NO. 3



ANTHONY NEW MEXICO

**WELL SITE SCHEMATICS**

ANTHONY WATER SYSTEM IMPROVEMENTS

**MOLZEN-CORBIN & Associates**

ENGINEERS/ARCHITECTS/PLANNERS Albuquerque • Las Cruces • Los Alamos

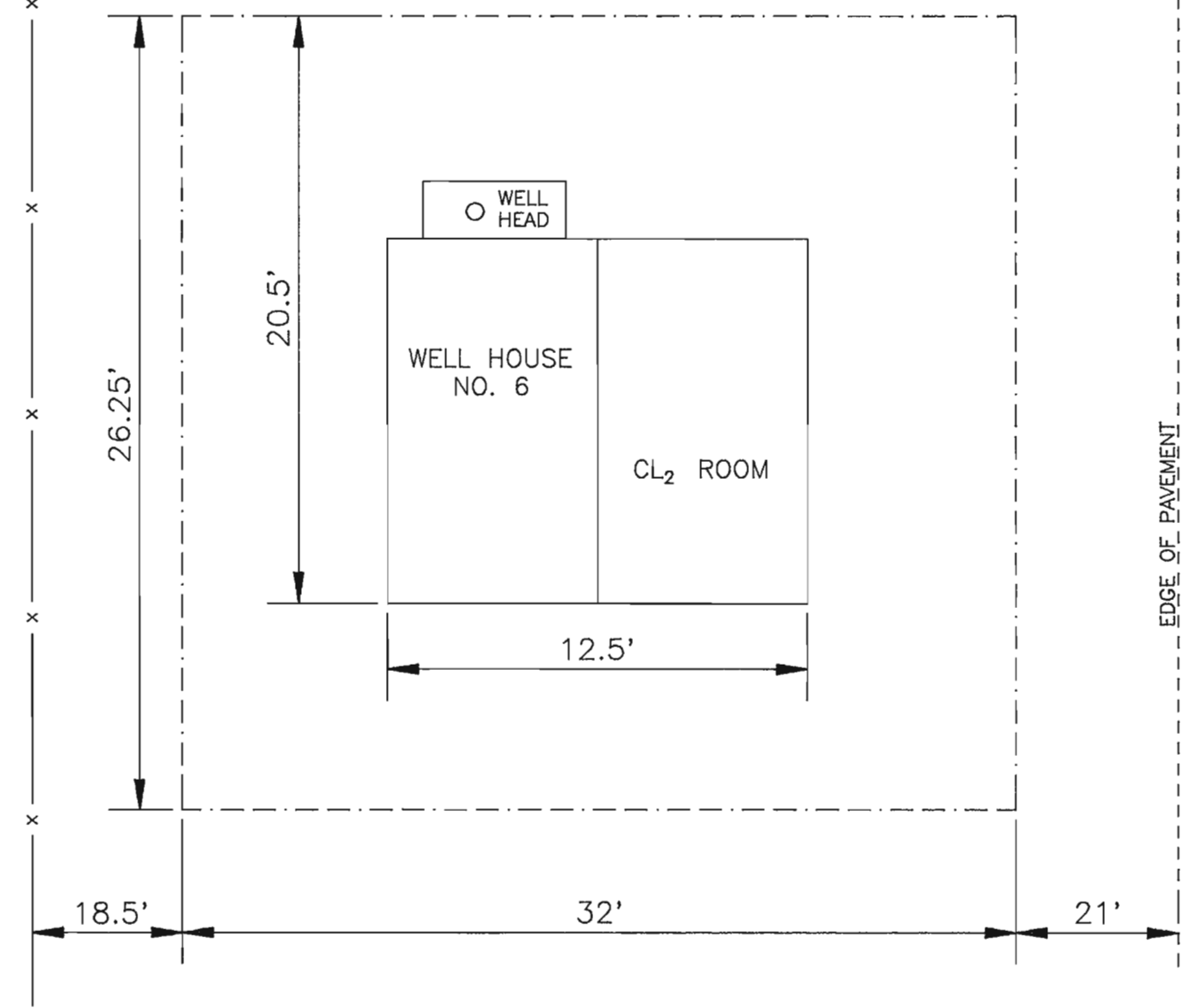
Designed by JTM/RHC REF Checked by JBP Sheet of

File: ANT23-11.D03 Date: JUN 1993

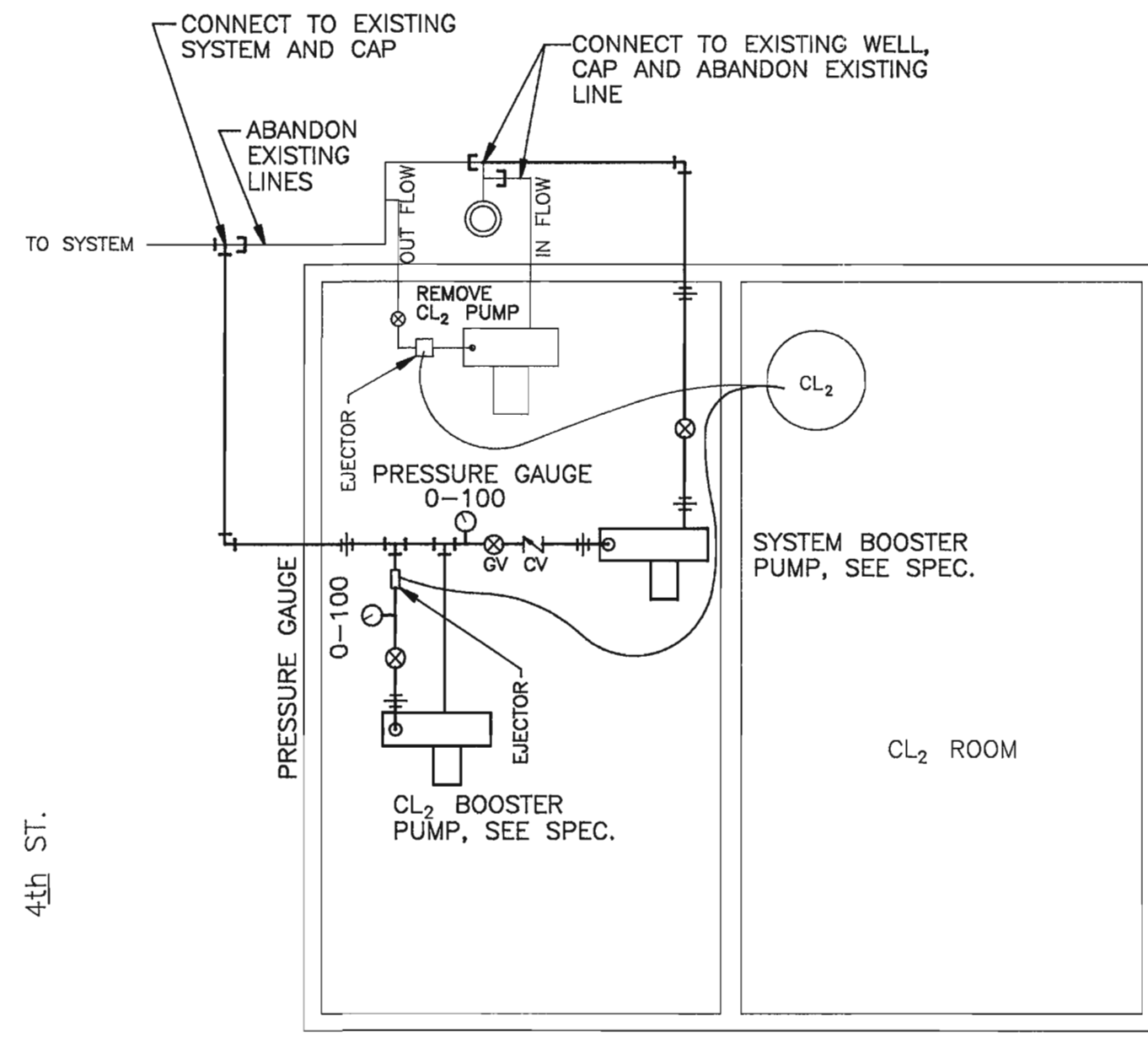
31 34

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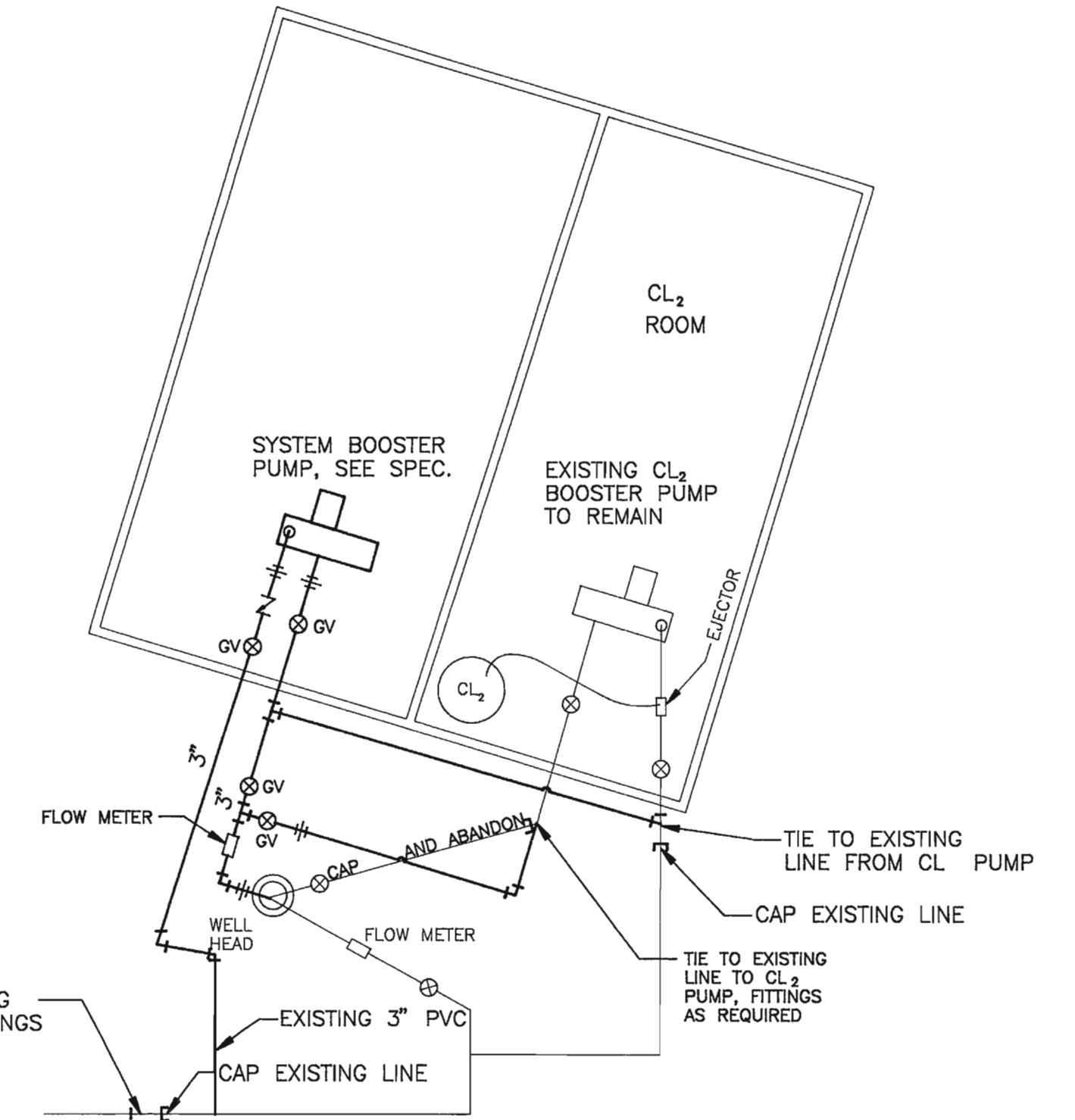
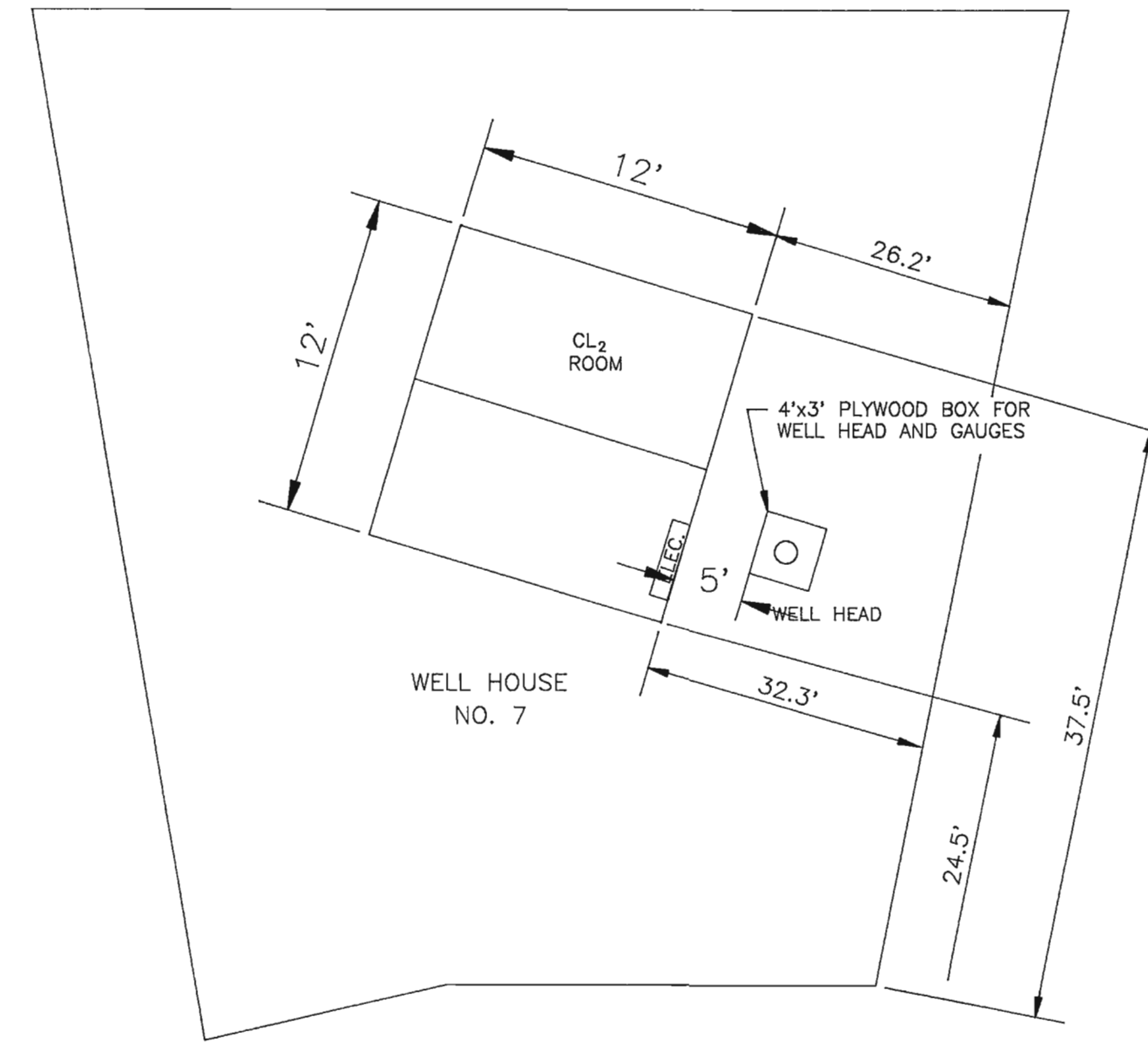
WELL NO. 6 SITE PLAN



LOCATION OF PUMP AND APPURTENANCE IS NOT CRITICAL. ACTUAL LOCATION MAY BE AT CONVENIENCE OF CONTRACTOR

WELL NO. 6 SCHEMATIC

WELL SITE NO. 6



LOCATION OF PUMP APPURTENANCE IS NOT CRITICAL. ACTUAL LOCATION MAY BE AT CONVENIENCE OF CONTRACTOR

WELL SITE NO. 7

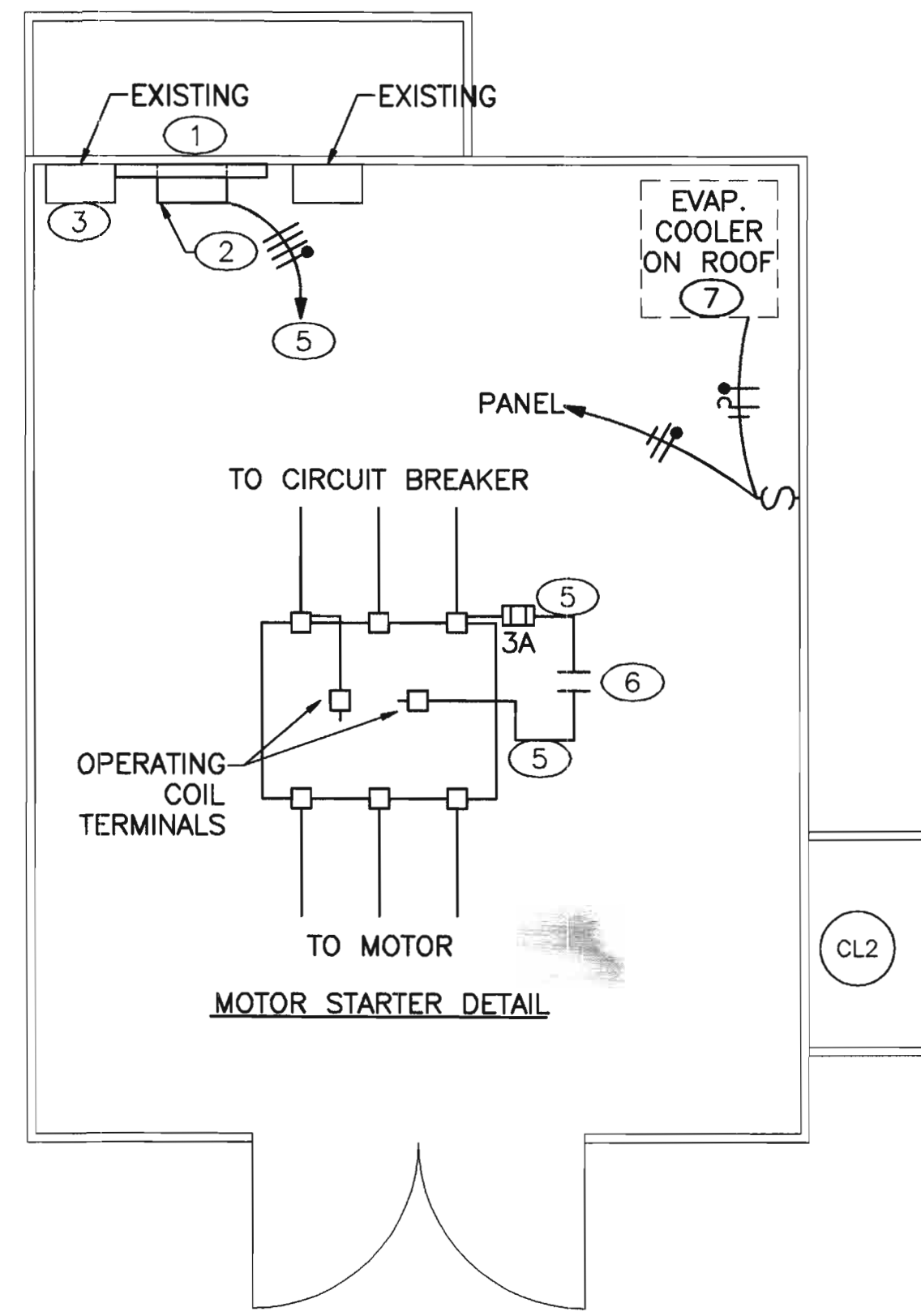
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DATE: 04/03/95	DRAFTED BY: JPH
<small>THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.</small>	



ANTHONY	NEW MEXICO
WELL SITE SCHEMATICS	
ANTHONY WATER SYSTEM IMPROVEMENTS	
<b>MOLZEN-CORBIN &amp; Associates</b>	
<small>ENGINEERS/ARCHITECTS/PLANNERS Albuquerque • Las Cruces • Los Alamos</small>	
Designed JTM/RHC	Checked JBP
File ANT23-11.D03	Date JUN 1993
Sheet 32 of 34	

**NOTES**

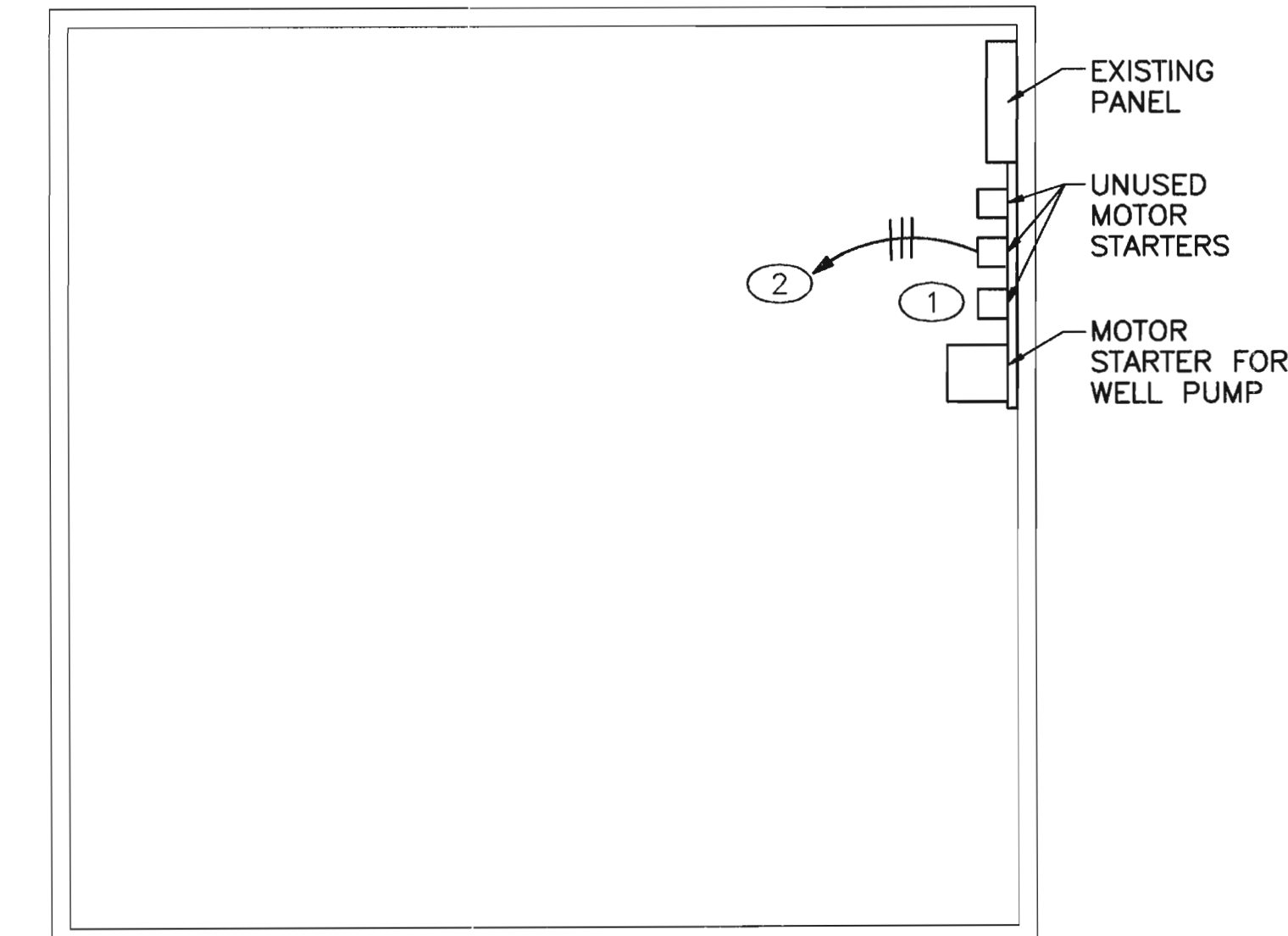
- DISCONNECT AND REMOVE ALL WIRING AND DEVICES ASSOCIATED WITH THREE EXISTING BOOSTER PUMPS TO BE REMOVED. REUSE MOTOR STARTERS AT WELLS 3,4 AND 6.
- FURNISH AND INSTALL NEMA SIZE 4 THREE PHASE MAGNETIC MOTOR STARTER IN A NEMA 1 ENCLOSURE. MOTOR STARTER TO BE FURNISHED WITH 240V MAGNETIC COIL AND HEATER COILS RATED FOR LOAD OF 97 AMPERES. CUTLER-HAMMER CATALOG NO A10FG0BB WITH HEATER COIL CATALOG NO. H1056 OR EQUIVALENT. LOCATION SHOWN IS NOT CRITICAL. ACTUAL LOCATION MAY BE AT CONVENIENCE OF CONTRACTOR.
- FURNISH AND INSTALL THREE POLE 125 AMPERE CIRCUIT BREAKER IN EXISTING CUTLER-HAMMER TYPE CHB775727A 225 AMPERE PANEL. INSTALL #2 CU GROUND FROM EXISTING PANEL AND BOND TO WATER PIPE OR 5/8" X 10' COPPERCLAD GROUND ROD. INSTALL 2-#1 THWN CU AND 1-#6 GROUND IN EXISTING GUTTER FROM NEW CIRCUIT BREAKER TO NEW MOTOR STARTER. CONNECT HIGH LEG TO CENTER TERMINAL ON MOTOR STARTER.
- FURNISH AND INSTALL 3-#1 THWN CU AND 1-#6 GROUND IN 1-1/2" EMT FROM NEW MOTOR STARTER TO NEW BOOST PUMP. CHECK PHASE ROTATION AND CONNECT PUMP.
- FURNISH MATERIALS AND INSTALL CONTROL CIRCUIT USING #14 STRANDED 600V INSULATED WIRE IN 1/2" EMT.
- PRESSURE SWITCH CONTACTS. PRESSURE SWITCH FURNISHED AND INSTALLED UNDER DIVISION 15.
- WIRE 120V EVAPORATIVE COOLER FOR SINGLE SWITCH CONTROL AT HIGH SPEED. SEAL ROOF PENETRATION.



**WELL SITE NO. 1**  
ELECTRICAL MODIFICATIONS

**NOTES**

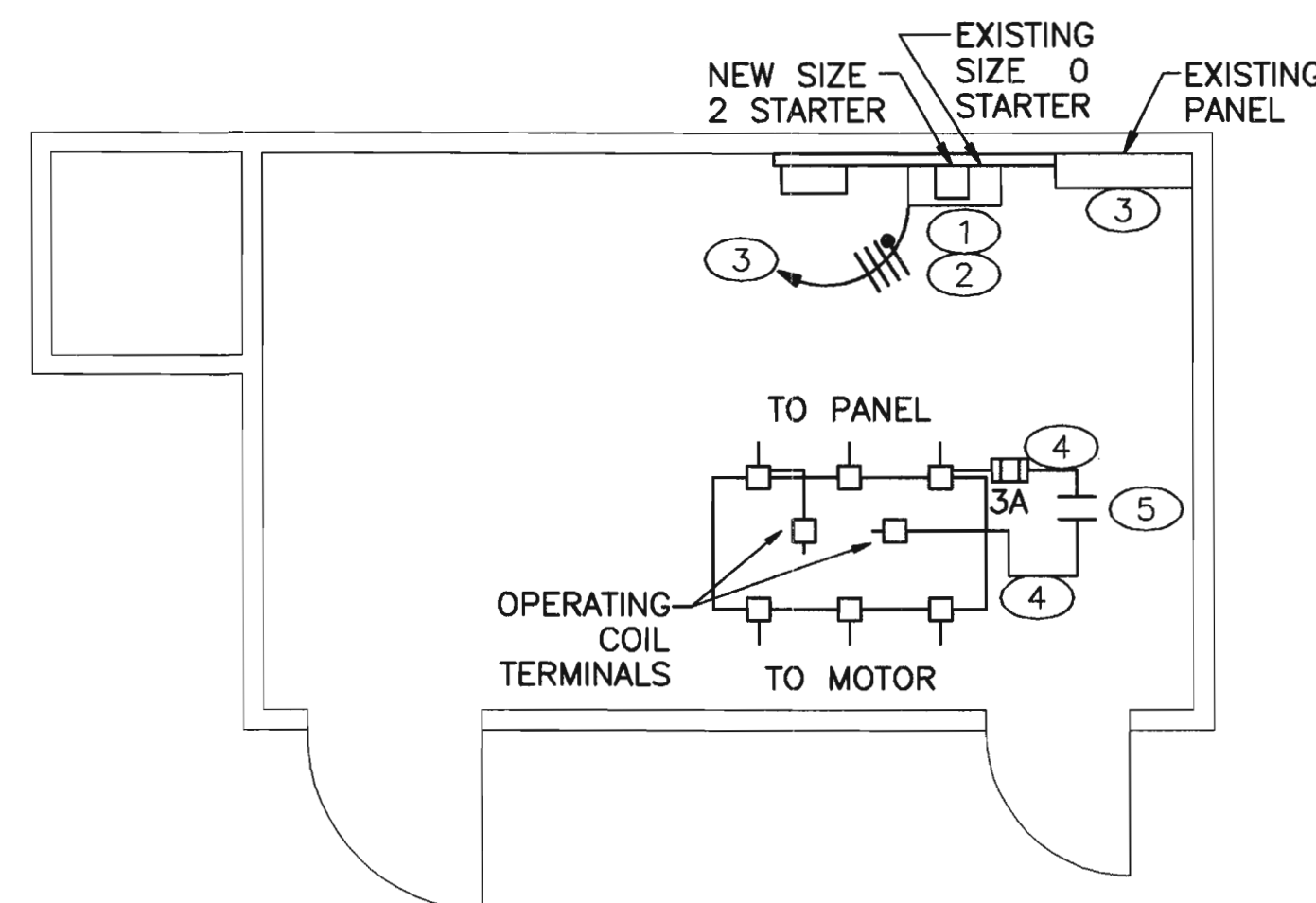
- CONNECT ANY ONE OF THREE UNUSED NEMA SIZE 0 MOTOR STARTERS TO SERVE NEW 1-1/2 HP CHLORINATION PUMP. REMOVE ALL EXISTING CONTROL WIRING. CONNECT OPERATING COIL IN PARALLEL WITH OPERATING COIL IN MOTOR STARTER FOR WELL PUMP USING #14 STRANDED 600V INSULATED WIRE IN EXISTING GUTTER.
- FURNISH MATERIALS AND INSTALL 3-#12 THWN CU IN 1/2" EMT FROM MOTOR STARTER TO NEW CHLORINATION PUMP.



**WELL SITE NO. 2**  
ELECTRICAL MODIFICATIONS

**NOTES**

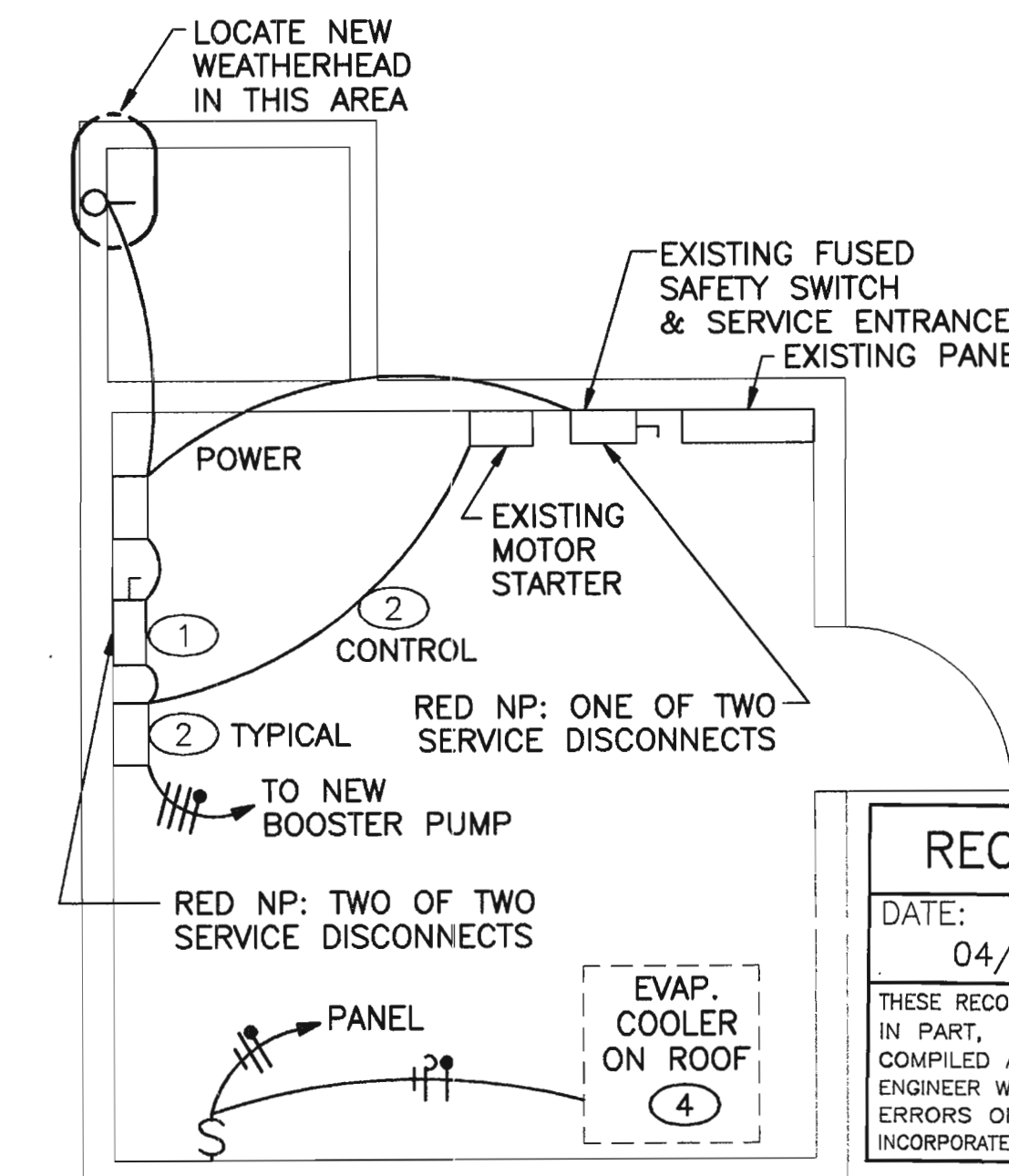
- DISCONNECT AND REMOVE ALL WIRING AND DEVICES ASSOCIATED WITH THE EXISTING BOOSTER PUMP. CHECK WITH OWNER FOR INSTRUCTIONS REGARDING DISPOSITION OF MATERIAL REMOVED BEFORE BEGINNING WORK.
- INSTALL ONE OF THE NEMA SIZE 2 MOTOR STARTERS REMOVED FROM THE CONTROL HOUSE AT WELL #1. USE EXISTING 30 AMPERE CIRCUIT BREAKER. IF NEW WIRE IS REQUIRED BETWEEN CIRCUIT BREAKER AND MOTOR STARTER USE 3-#10 THWN CU. CONNECT HIGH LEG TO CENTER TERMINAL OF MOTOR STARTER.
- INSTALL #4 CU GROUND FROM EXISTING PANEL AND BOND TO WATER PIPE AND 5/8" X 10' COPPERCLAD GROUND ROD. INSTALL 3-#10 THWN AND 1-#10 GROUND IN 1/2" EMT FROM THE RELOCATED MOTOR STARTER TO THE NEW BOOSTER PUMP. CHECK PHASE ROTATION AND CONNECT PUMP.
- FURNISH MATERIALS AND INSTALL CONTROL CIRCUIT BETWEEN RELOCATED MOTOR STARTER AND NEW PRESSURE SWITCH, FURNISHED BY OTHERS, USING #14 STRANDED 600 VOLT INSULATED WIRE IN 1/2" EMT.
- PRESSURE SWITCH CONTACTS. PRESSURE SWITCH FURNISHED AND INSTALLED UNDER DIVISION 15.



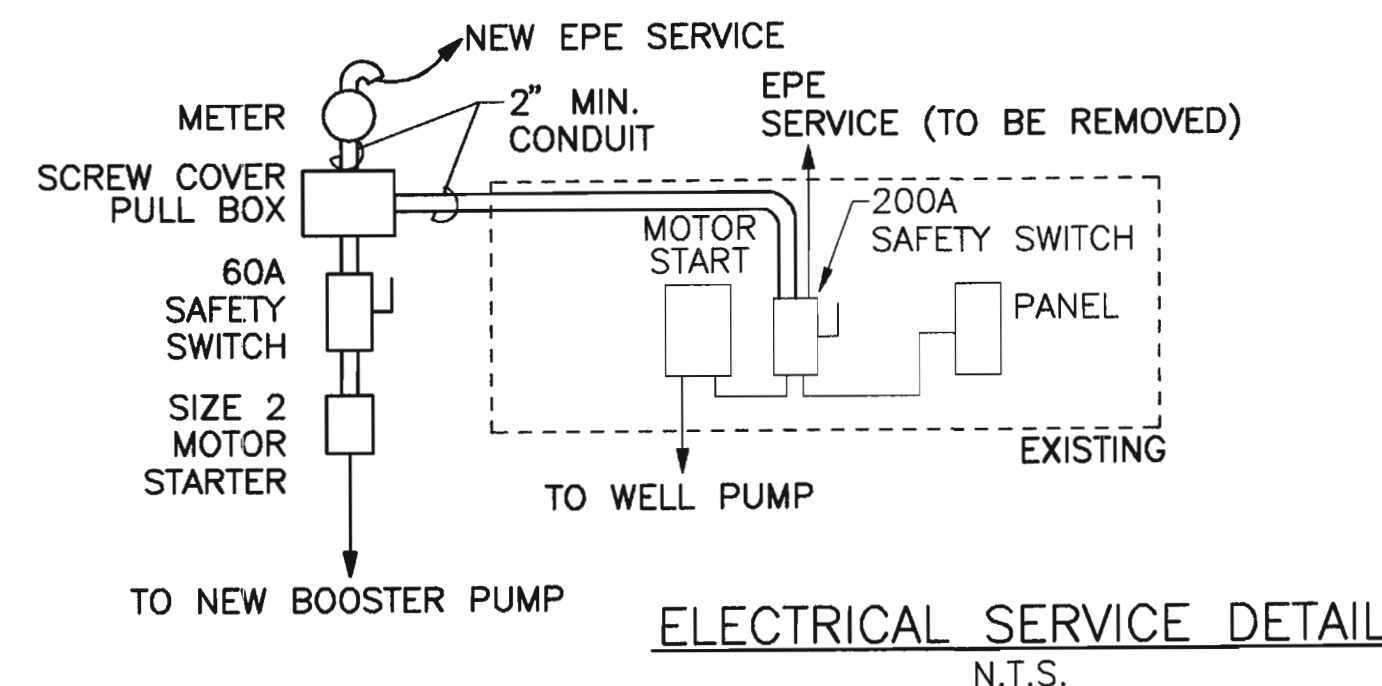
**WELL SITE NO. 3**  
ELECTRICAL MODIFICATIONS

**NOTES**

- FURNISH AND INSTALL ALL MATERIAL FOR THE FOLLOWING: A NEW SERVICE ENTRANCE WITH 4-#3/0 THWN CU. IN MINIMUM 2" CONDUIT FROM A NEW WEATHERHEAD LOCATED NEAR THE NORTHWEST CORNER OF THE BUILDING AND THE EXISTING 100 AMPERE SAFETY SWITCH. INSTALL METERING FACILITIES AS REQUIRED BY EL PASO ELECTRIC CO. COORDINATE THE LOCATION OF THE WEATHERHEAD WITH EL PASO ELECTRIC CO. ROUTE THE NEW SERVICE THROUGH A PULL BOX AND PROVIDE A TAP OF 3-#6 THWN CU TO A NEW GENERAL DUTY NEMA 1 60 AMP 240 VOLT 3 POLE FUSED SAFETY SWITCH WESTINGHOUSE CATALOG NO. GFN422N OR EQUIVALENT. FURNISH THE SAFETY SWITCH WITH 50 AMPERE FUSES. PROVIDE ONE SET OF SPARE FUSES. INSTALL A #2 GROUND FROM THE NEW SAFETY SWITCH TO THE EXISTING SAFETY SWITCH. BOND THE NEW GROUND TO THE WATER PIPING AND TO A 5/8" X 10' COPPERCLAD GROUND ROD.
- INSTALL ONE OF THE SIZE 2 MOTOR STARTERS REMOVED FROM WELL #1. CONNECT THE MOTOR STARTER TO THE NEW SAFETY SWITCH USING 3-#6 THWN CU AND 1-#10 GROUND IN 3/4" EMT. CONNECT HIGH LEG TO THE CENTER TERMINAL ON MOTOR STARTER. FURNISH AND INSTALL 3-#6 THWN AND 1-#10 GROUND IN 3/4" EMT FROM THE MOTOR STARTER TO THE NEW BOOST PUMP. CHECK PHASE ROTATION AND CONNECT PUMP.
- USING #14 STRANDED 600 VOLT INSULATED WIRE IN 1/2" CONDUIT CONNECT THE OPERATING COIL OF THE BOOSTER PUMP MOTOR STARTER IN PARALLEL WITH THE OPERATING COIL OF THE WELL PUMP MOTOR STARTER.
- WIRE 120V EVAPORATIVE COOLER FOR SINGLE SWITCH CONTROL AT HIGH SPEED. SEAL ROOF PENETRATION.



**WELL SITE NO. 4**  
ELECTRICAL MODIFICATIONS



RECORD DRAWING	
DATE: 04/03/95	DRAFTED BY: JPH
<small>THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.</small>	

ANTHONY WATER AND SANITATION DISTRICT

**ELECTRICAL MODIFICATIONS TO WELL SITES 1 THRU 4**

FmHA WATER SYSTEM IMPROVEMENTS

**MOLZEN-CORBIN & Associates**

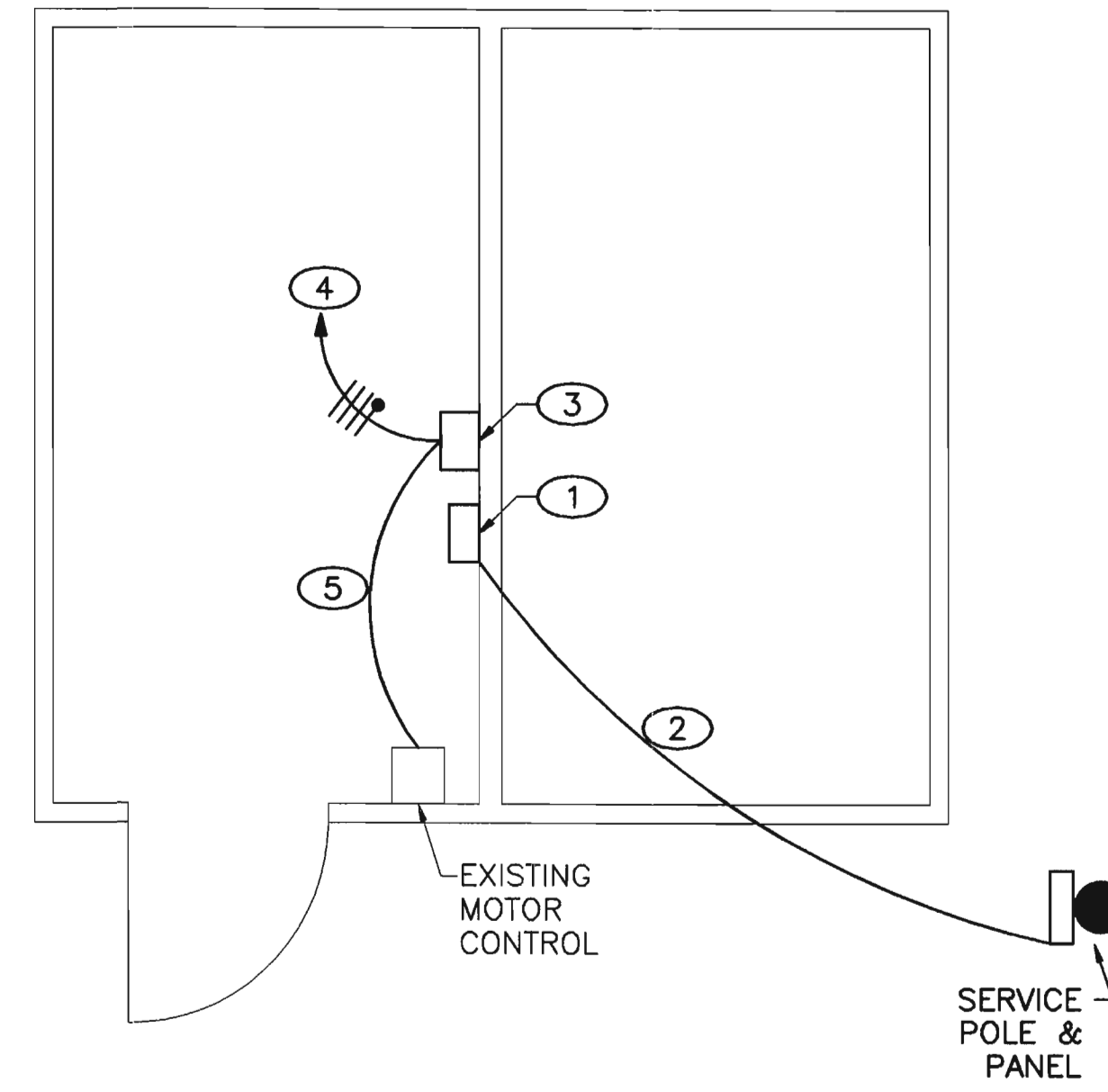
ENGINEERS/PLANNERS/CONSULTANTS Albuquerque • New Mexico • Las Cruces

Designed WNH Drawn JKH/RLA Checked WNH Sheet of

File ANT23-11.D03 Date JULY 1993 33 34

**NOTES**

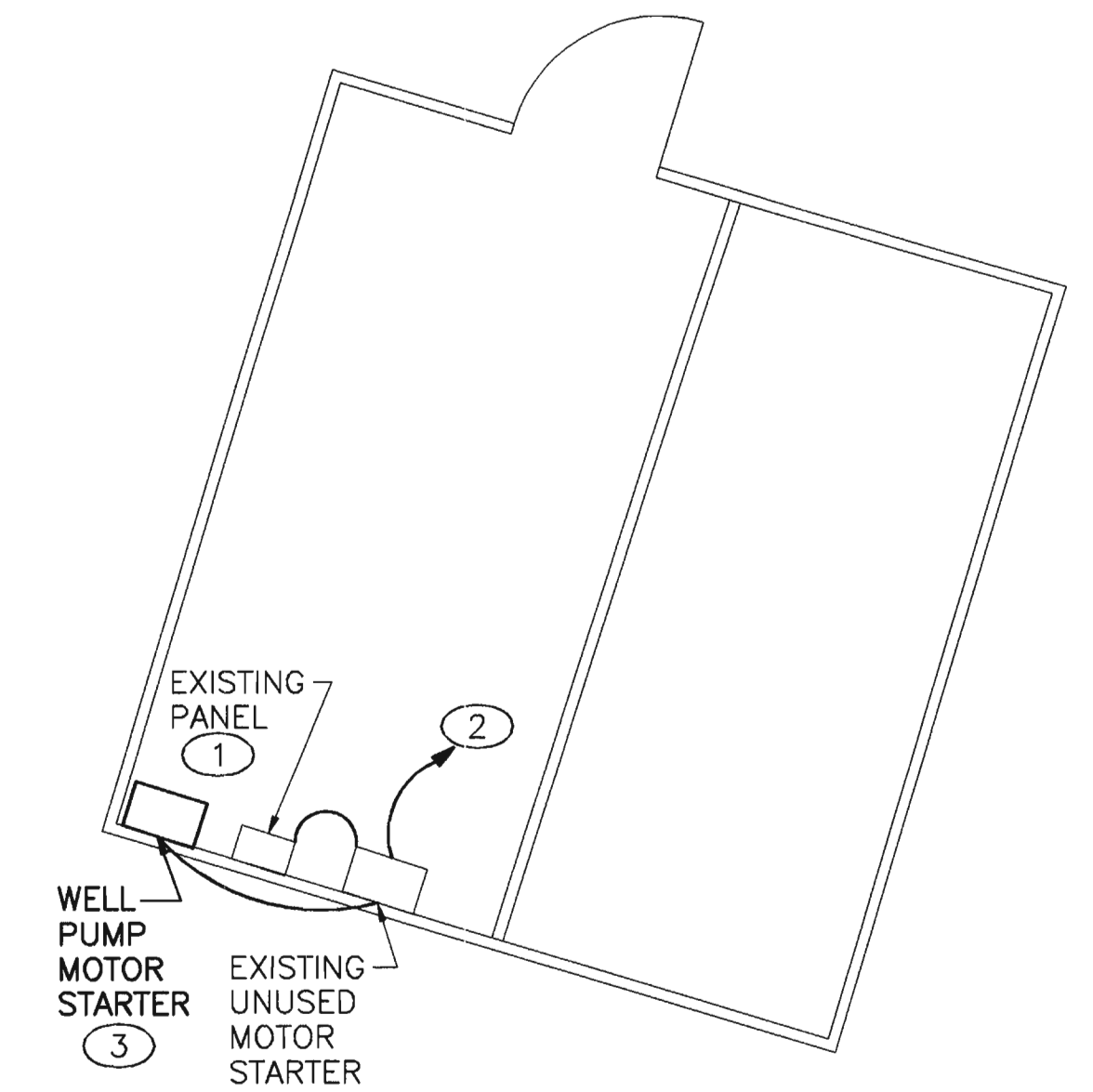
- ① FURNISH AND INSTALL GENERAL DUTY 30 AMPERE 240 VOLT 3 POLE FUSIBLE NEMA 1 SAFETY SWITCH, WESTINGHOUSE CATALOG NO. GFN421N OR EQUIVALENT. FURNISH WITH 15 AMPERE FUSES AND SUPPLY A SPARE SET OF FUSES.
- ② FURNISH MATERIALS AND INSTALL 3-#12 THWN AND 1-#12 GROUND IN 1/2" CONDUIT FROM THE NEW SAFETY SWITCH TO THE EXISTING PANEL ON THE SERVICE POLE. CONDUIT SHALL BE EMT INSIDE BUILDING, SCHEDULE 40 PVC UNDERGROUND AND GRS ABOVE GROUND AT THE SERVICE POLE. CONDUIT SHALL BE MINIMUM 24" BELOW EXISTING GRADE FROM BUILDING TO SERVICE POLE. ROUTING OF CONDUIT AT OPTION OF CONTRACTOR. INSTALL NEW 3 POLE 20 AMPERE CIRCUIT BREAKER IN THE EXISTING PANEL.
- ③ INSTALL THE MOTOR STARTER LABELED 7-1/2 HP REMOVED FROM WELL #1. CONNECT TO THE NEW SAFETY SWITCH WITH 3-#12 THWN CU AND 1-#12 CU GROUND. CONNECT THE HIGH LEG TO THE CENTER TERMINAL OF THE MOTOR STARTER.
- ④ INSTALL 3-#12 THWN CU AND 1-#12 CU GROUND IN 1/2" EMT FROM THE MOTOR STARTER TO THE NEW BOOST PUMP. CHECK PHASE ROTATION AND CONNECT THE MOTOR.
- ⑤ USING #14 STRANDED 600 VOLT INSULATED WIRE IN 1/2" EMT CONNECT THE OPERATING COIL OF THE BOOSTER PUMP MOTOR STARTER IN PARALLEL WITH THE OPERATING COIL OF THE WELL PUMP MOTOR STARTER.



**WELL SITE NO. 6**  
ELECTRICAL MODIFICATIONS

**NOTES**

- ① INSTALL NEW 2 POLE 20 AMPERE CIRCUIT BREAKER IN EXISTING PANEL. CONNECT 2-#12 THWN CU AND 1-#12 GROUND FROM NEW CIRCUIT BREAKER TO THE EXISTING UNUSED 2 POLE MOTOR STARTER.
- ② INSTALL 2-#12 THWN AND 1-#12 GROUND IN 1/2" EMT FROM THE MOTOR STARTER TO THE NEW BOOSTER PUMP.
- ③ USING #14 STRANDED 600 VOLT INSULATED WIRE AND EXISTING CONDUIT CONNECT THE OPERATING COIL OF THE MOTOR STARTER FOR THE BOOSTER PUMP IN PARALLEL WITH THE OPERATING COIL OF THE MOTOR STARTER FOR THE WELL PUMP.



**WELL SITE NO. 7**  
ELECTRICAL MODIFICATIONS

RECORD DRAWING	
DATE: 04/03/95	DRAFTED BY: JPH
<small>THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.</small>	

ANTHONY WATER AND SANITATION DISTRICT			
<b>ELECTRICAL MODIFICATIONS TO WELL SITES 6 AND 7</b>			
FmHA WATER SYSTEM IMPROVEMENTS			
<b>MOLZEN-CORBIN</b> & Associates			
<small>ENGINEERS/PLANNERS/CONSULTANTS Albuquerque • New Mexico • Las Cruces</small>			
Designed WNH	Drawn JKH/RLA	Checked WNH	Sheet of
File ANT23-11.D03	Date JULY 1993	34 34	





# **APPENDIX K**

## **Detailed Cost Estimates**

Alternative 1- (Alignment 1, Bridge Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
River Crossing on Bridge	LF	400	\$ 50.00	\$ 20,000.00
Bridge Hangers	EA	21	\$ 750.00	\$ 15,750.00
Jack & Bore	LF	200	\$ 220.00	\$ 44,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 381,300.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4600	\$ 31.00	\$ 142,600.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 179,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	2100	\$ 17.00	\$ 35,700.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 42,900.00</b>
<b>Levee Road Loop</b>				
8" Waterline	LF	9750	\$ 19.00	\$ 185,250.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 214,050.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,000.00	\$ 12,000.00
<b>Subtotal</b>				<b>\$ 213,400.00</b>
<b>Project Subtotal Cost</b>				<b>\$ 1,063,665.00</b>
Contingencies @ 10%				\$ 106,366.50
<b>Total Project Cost</b>				<b>\$ 1,170,031.50</b>

Alternative 2- (Alignment 2, Bridge Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrant	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
River Crossing on Bridge	LF	400	\$ 50.00	\$ 20,000.00
Bridge Hangers	EA	21	\$ 750.00	\$ 15,750.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrant	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 387,300.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4600	\$ 31.00	\$ 142,600.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrant	EA	1	\$ 3,000.00	\$ 3,000.00
<b>Subtotal</b>				<b>\$ 176,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	2150	\$ 17.00	\$ 36,550.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrant	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 43,750.00</b>
<b>Levee Road Loop</b>				
8" Waterline	LF	2100	\$ 19.00	\$ 39,900.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrant	EA	5	\$ 3,000.00	\$ 15,000.00
<b>Subtotal</b>				<b>\$ 59,700.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,000.00	\$ 12,000.00
<b>Subtotal</b>				<b>\$ 213,400.00</b>

<b>Project Subtotal Cost</b>	<b>\$ 913,165.00</b>
Contingencies @ 10%	\$ 91,316.50
<b>Total Project Cost</b>	<b>\$ 1,004,481.50</b>

Alternative 1- (Alignment 3, Bridge Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
River Crossing on Bridge	LF	400	\$ 50.00	\$ 20,000.00
Bridge Hangers	EA	21	\$ 750.00	\$ 15,750.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrant	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 387,300.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4100	\$ 30.00	\$ 123,000.00
14" Gate Valve	EA	2	\$ 2,200.00	\$ 4,400.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 159,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	1300	\$ 17.00	\$ 22,100.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 29,300.00</b>
<b>Property Line Loop</b>				
8" Waterline	LF	2650	\$ 19.00	\$ 50,350.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	5	\$ 3,000.00	\$ 15,000.00
<b>Subtotal</b>				<b>\$ 70,150.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 21.00	\$ 111,300.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,000.00	\$ 12,000.00
<b>Subtotal</b>				<b>\$ 149,800.00</b>
<b>Project Subtotal Cost</b>				<b>\$ 828,565.00</b>
Contingencies @ 10%				\$ 82,856.50
<b>Total Project Cost</b>				<b>\$ 911,421.50</b>

Alternative 4- (Alignment 1, Directional Drill Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Directional Drill Across River	LF	900	\$ 150.00	\$ 135,000.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 486,550.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4600	\$ 31.00	\$ 142,600.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 179,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	2100	\$ 17.00	\$ 35,700.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 42,900.00</b>
<b>Levee Road Loop</b>				
8" Waterline	LF	9750	\$ 19.00	\$ 185,250.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 214,050.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,000.00	\$ 12,000.00
<b>Subtotal</b>				<b>\$ 213,400.00</b>

<b>Project Subtotal Cost</b>	<b>\$ 1,168,915.00</b>
Contingencies @ 10%	\$ 116,891.50
<b>Total Project Cost</b>	<b>\$ 1,285,806.50</b>



Alternative 5- (Alignment 2, Directional Drill Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Directional Drill Across River	LF	900	\$ 150.00	\$ 135,000.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 486,550.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4600	\$ 31.00	\$ 142,600.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 179,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	2150	\$ 17.00	\$ 36,550.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrant	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 37,750.00</b>
<b>Levee Road Loop</b>				
8" Waterline	LF	2100	\$ 19.00	\$ 39,900.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	5	\$ 3,000.00	\$ 15,000.00
<b>Subtotal</b>				<b>\$ 59,700.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,000.00	\$ 12,000.00
<b>Subtotal</b>				<b>\$ 213,400.00</b>

<b>Project Subtotal Cost</b>	<b>\$ 1,009,415.00</b>
Contingencies @ 10%	\$ 100,941.50
<b>Total Project Cost</b>	<b>\$ 1,110,356.50</b>

Alternative 6 - (Alignment 3, Directional Drill Crossing)

Estimated Construction Costs				
Item	Unit	Quantity	Unit Price	Total Price
East Drain Drive				
6" Waterline	LF	1425	\$17	\$24,225
6" Gate Valve	EA	2	\$1,200	\$2,400
Fire Hydrants	EA	2	\$3,000	\$6,000
<b>Subtotal</b>				<b>\$32,625</b>
Washington Street				
Mobilization	LS	1	\$15,000	\$15,000
12" Waterline	LF	6350	\$33	\$209,550
12" Gate Valve	EA	3	\$2,300	\$6,900
6" Waterline	LF	1100	\$17	\$18,700
6" Gate Valve	EA	2	\$1,200	\$2,400
Directional Drill Across River	LF	900	\$150	\$135,000
Jack & Bore	LF	200	\$250	\$50,000
Jack & Bore Road Crossing	EA	1	\$25,000	\$25,000
Fire Hydrants	EA	8	\$3,000	\$24,000
<b>Subtotal</b>				<b>\$486,550</b>
O'Hara Road				
14" Waterline	LF	4100	\$31	\$127,100
14" Gate Valve	EA	2	\$2,400	\$4,800
Jack & Bore	LF	100	\$220	\$22,000
Pavement Removal & Replacement	SY	30	\$33	\$990
Fire Hydrants	EA	2	\$3,000	\$6,000
<b>Subtotal</b>				<b>\$154,890</b>
Webb Road				
6" Waterline	LF	1300	\$17	\$22,100
6" Gate Valve	EA	1	\$1,200	\$1,200
Fire Hydrants	EA	2	\$3,000	\$6,000
<b>Subtotal</b>				<b>\$29,300</b>
Property Line Loop				
8" Waterline	LF	2650	\$19	\$50,350
8" Gate Valve	EA	3	\$1,600	\$4,800
Fire Hydrants	EA	5	\$3,000	\$15,000
<b>Subtotal</b>				<b>\$70,150</b>
NM 28				
Mobilization	LS	1	\$15,000	\$15,000
12" Waterline	LF	5300	\$33	\$174,900
12" Gate Valve	EA	5	\$2,300	\$11,500
Fire Hydrant	EA	4	\$3,100	\$12,400
Fire Hydrant	EA	4	\$3,100	\$12,400
<b>Subtotal</b>				<b>\$213,800</b>
<b>Project Subtotal Cost</b>				<b>\$987,315</b>
Contingencies @ 10%				\$98,732
<b>Total Construction Cost</b>				<b>\$1,086,047</b>

Alternative 7- (Alignment 1, Divert River and Trench)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Trench Across River	LF	400	\$ 25.00	\$ 10,000.00
Divert River	LS	1	\$ 50,000.00	\$ 50,000.00
Water Stops	LS	1	\$ 10,000.00	\$ 10,000.00
Rebuild Levees	LS	1	\$ 20,000.00	\$ 20,000.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 441,550.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4600	\$ 31.00	\$ 142,600.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 179,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	2100	\$ 17.00	\$ 35,700.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 42,900.00</b>
<b>Levee Road Loop</b>				
8" Waterline	LF	9750	\$ 19.00	\$ 185,250.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 214,050.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,100.00	\$ 12,400.00
<b>Subtotal</b>				<b>\$ 213,800.00</b>

<b>Project Subtotal Cost</b>	<b>\$ 1,124,315.00</b>
Contingencies @ 10%	\$ 112,431.50
<b>Total Project Cost</b>	<b>\$ 1,236,746.50</b>

Alternative 8- (Alignment 2, Divert River and Trench Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Trench Across River	LF	400	\$ 25.00	\$ 10,000.00
Divert River	LS	1	\$ 50,000.00	\$ 50,000.00
Water Stop	LS	1	\$ 10,000.00	\$ 10,000.00
Rebuild Levee	LS	1	\$ 20,000.00	\$ 20,000.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 441,550.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4600	\$ 31.00	\$ 142,600.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 179,390.00</b>
<b>Webb Road</b>				
6" Waterline	LF	2150	\$ 17.00	\$ 36,550.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 43,750.00</b>
<b>Levee Road Loop</b>				
8" Waterline	LF	2100	\$ 19.00	\$ 39,900.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	5	\$ 3,000.00	\$ 15,000.00
<b>Subtotal</b>				<b>\$ 59,700.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,100.00	\$ 12,400.00
<b>Subtotal</b>				<b>\$ 213,800.00</b>

<b>Project Subtotal Cost</b>	<b>\$ 970,815.00</b>
Contingencies @ 10%	\$ 97,081.50
<b>Total Project Cost</b>	<b>\$ 1,067,896.50</b>

Alternative 9- (Alignment 3, Divert River and Trench Crossing)

Item	Unit	Quantity	Unit Price	Total Price
<b>East Drain Drive</b>				
6" Waterline	LF	1425	\$ 17.00	\$ 24,225.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 32,625.00</b>
<b>Washington Street</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	6350	\$ 33.00	\$ 209,550.00
12" Gate Valve	EA	3	\$ 2,300.00	\$ 6,900.00
6" Waterline	LF	1100	\$ 17.00	\$ 18,700.00
6" Gate Valve	EA	2	\$ 1,200.00	\$ 2,400.00
Trench Across River	LF	400	\$ 25.00	\$ 10,000.00
Divert River	LS	1	\$ 50,000.00	\$ 50,000.00
Water Stop	LS	1	\$ 10,000.00	\$ 10,000.00
Rebuild Levee	LS	1	\$ 20,000.00	\$ 20,000.00
Jack & Bore	LF	200	\$ 250.00	\$ 50,000.00
Jack & Bore Road Crossing	EA	1	\$ 25,000.00	\$ 25,000.00
Fire Hydrants	EA	8	\$ 3,000.00	\$ 24,000.00
<b>Subtotal</b>				<b>\$ 441,550.00</b>
<b>O'Hara Road</b>				
14" Waterline	LF	4100	\$ 31.00	\$ 127,100.00
14" Gate Valve	EA	2	\$ 2,400.00	\$ 4,800.00
Jack & Bore	LF	100	\$ 250.00	\$ 25,000.00
Pavement Removal & Replacement	SY	30	\$ 33.00	\$ 990.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 163,890.00</b>
<b>Webb Road</b>				
6" Waterline	LF	1300	\$ 17.00	\$ 22,100.00
6" Gate Valve	EA	1	\$ 1,200.00	\$ 1,200.00
Fire Hydrants	EA	2	\$ 3,000.00	\$ 6,000.00
<b>Subtotal</b>				<b>\$ 29,300.00</b>
<b>Property Line Loop</b>				
8" Waterline	LF	2650	\$ 19.00	\$ 50,350.00
8" Gate Valve	EA	3	\$ 1,600.00	\$ 4,800.00
Fire Hydrants	EA	5	\$ 3,000.00	\$ 15,000.00
<b>Subtotal</b>				<b>\$ 70,150.00</b>
<b>NM 28</b>				
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
12" Waterline	LF	5300	\$ 33.00	\$ 174,900.00
12" Gate Valve	EA	5	\$ 2,300.00	\$ 11,500.00
Fire Hydrant	EA	4	\$ 3,100.00	\$ 12,400.00
<b>Subtotal</b>				<b>\$ 213,800.00</b>

<b>Project Subtotal Cost</b>	<b>\$ 951,315.00</b>
Contingencies @ 10%	\$ 95,131.50
<b>Total Project Cost</b>	<b>\$ 1,046,446.50</b>





**Additional 1 MG Storage Tank at North Tank Site Cost Estimate**

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$ 80,000.00	\$ 80,000.00
1 Million Gallon Water Storage Tank	LS	1	\$ 1,000,000.00	\$ 1,000,000.00
Site Grading	LS	1	\$ 25,000.00	\$ 25,000.00
14" Water Line	LF	100	\$ 31.00	\$ 3,100.00
Land Acquisition	AC	2	\$ 15,000.00	\$ 30,000.00
<b>Subtotal</b>				<b>\$ 1,138,100.00</b>
Contingencies @ 15%				\$ 170,715.00
<b>Total</b>				<b>\$ 1,308,815.00</b>

**Alternative 2 - Additional Storage Tank at South Tank Site Cost Estimate**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$80,000	\$80,000
1 Million Gallon Water Storage Tank	LS	1	\$1,000,000	\$1,000,000
Site Grading	LS	1	\$25,000	\$25,000
16" Water Line	LF	275	\$34	\$9,350
<b>Subtotal</b>				<b>\$1,114,350</b>
Contingencies @ 15%				\$167,153
<b>Total</b>				<b>\$1,281,503</b>

**Alt 3- MG Tank Tank at South Tank Site Cost Estimate**

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$ 80,000.00	\$ 80,000.00
1 Million Gallon Water Storage Tank	LS	1	\$ 1,200,000.00	\$ 1,200,000.00
Site Grading	LS	1	\$ 15,000.00	\$ 15,000.00
16" Water Line	LF	75	\$ 34.00	\$ 2,550.00
<b>Subtotal</b>				<b>\$ 1,295,000.00</b>
Contingencies @ 15%				\$ 194,250.00
<b>Total</b>				<b>\$ 1,489,250.00</b>





**Alternative 3 - 6" Waterline Replacement Cost Estimate**

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
6" Waterline	LF	10725	\$ 17.00	\$ 182,325.00
6" Gate Valve	EA	20	\$ 1,200.00	\$ 24,000.00
Pavement Replacement	SY	4800	\$ 33.00	\$ 158,400.00
Water Service Connection	EA	130	\$ 1,000.00	\$ 130,000.00
Fire Hydrants	EA	21	\$ 3,000.00	\$ 63,000.00
<b>Subtotal</b>				<b>\$ 572,725.00</b>
Contingencies @ 15%				\$ 85,908.75
<b>Total</b>				<b>\$ 658,633.75</b>

**Alternative 3 - 6" Waterline Replacement Cost Estimate**

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
6" Waterline	LF	10725	\$ 17.00	\$ 182,325.00
6" Gate Valve	EA	20	\$ 1,200.00	\$ 24,000.00
Pavement Replacement	SY	4800	\$ 33.00	\$ 158,400.00
Water Service Connection	EA	130	\$ 1,000.00	\$ 130,000.00
Fire Hydrants	EA	21	\$ 3,000.00	\$ 63,000.00
<b>Subtotal</b>				<b>\$ 572,725.00</b>
Contingencies @ 15%				\$ 85,908.75
<b>Total</b>				<b>\$ 658,633.75</b>

**Alternative 4 - Waterline Replacement Cost Estimate**

<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
8" Waterline	LF	1250	\$ 19.00	\$ 23,750.00
8" Gate Valve	EA	2	\$ 1,600.00	\$ 3,200.00
6" Waterline	LF	7475	\$ 17.00	\$ 127,075.00
6" Gate Valve	EA	15	\$ 1,200.00	\$ 18,000.00
2" Waterline	LF	4950	\$ 5.00	\$ 24,750.00
2" Gate Valve	EA	15	\$ 175.00	\$ 2,625.00
Pavement Replacement	SY	4800	\$ 33.00	\$ 158,400.00
Water Service Connection	EA	130	\$ 1,000.00	\$ 130,000.00
Fire Hydrants	EA	15	\$ 3,000.00	\$ 45,000.00
<b>Subtotal</b>				<b>\$ 547,800.00</b>
Contingencies @ 15%				\$ 82,170.00
<b>Total</b>				<b>\$ 629,970.00</b>

**Alternative 5 - 6" & 8" Waterline Replacement Cost Estimate**

<b>Estimated Construction Costs</b>				
<b>Item</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
Mobilization	LS	1	\$15,000	\$15,000
6" Waterline	LF	9475	\$17	\$161,075
6" Gate Valve	EA	18	\$1,200	\$21,600
8" Waterline	LF	1250	\$19	\$23,750
8" Gate Valve	EA	2	\$1,600	\$3,200
Pavement Replacement	SY	4800	\$33	\$158,400
Water Service Connection	EA	130	\$1,000	\$130,000
Fire Hydrants	EA	21	\$3,000	\$63,000
<b>Subtotal</b>				<b>\$576,025</b>
Contingencies @ 15%				\$86,404
<b>Total</b>				<b>\$662,429</b>

# **APPENDIX L**

## **Loan and Grant Documentation**



# AWSD LOAN PAYMENT SCHEDULE

FY 15-16

	<u>MONTHLY PAYMENT</u>	<u>YEARLY PAYMENT</u>	<u>DUE DATE</u>
<b><u>RUS LOANS:</u></b>			
RUS LOAN (WATER SYSTEM PURCHASE) \$ 1,930,000 LOAN	\$ 9,631.00 (ACH)		16 <sup>th</sup> MONTH
RUS LOAN (ARSENIC/NITRATE PROJECT) \$ 1,493,000 LOAN	\$ 4,733.00 (ACH)		7 <sup>th</sup> MONTH
<b><u>NMFA LOANS:</u></b>			
NMFA LOAN (ARSENIC/NITRATE PROJECT) \$ 75,000 LOAN WTB-0048 <u>\$675,000</u> GRANT WTB-0048 \$750,000		\$ 3,911.36	JUNE 1 <sup>st</sup> (CURRENT YEAR)
NMFA LOAN (ARSENIC/NITRATE PROJECT) \$ 100,000 LOAN WTB-75 <u>\$ 400,000</u> GRANT WTB-75 \$ 500,000		\$ 5,132.00	JUNE 1 <sup>st</sup> (CURRENT YEAR)
NMFA LOAN (METER REPLACEMENT PROJECT) \$ 212,500 LOAN 2741-DW-Aggregate Rep. Principal <u>\$ 637,500</u> 2741-DW-Aggregate Forgiven Amount \$ 850,000	\$ 1,082.32		1 <sup>st</sup> MONTH
NMFA LOAN (REFUNDING & EQUIPMENT) \$ 982,356 LOAN 3272 PP REFINANCE 3 RUS LOANS & EQUIPMENT 1.) AWSD BLDG. \$ 208,585.41 2.) EFFLUENT \$ 169,494.44 3.) EFFLUENT \$ 304,925.70 4.) EQUIPMENT \$ 261,000	\$ 6,797.53		1 <sup>ST</sup> MONTH
NMFA LOAN (SONIC LS REPLACEMENT PROJECT) \$ 10,000 LOAN 3167-CIF-WW SYST. IMP. <u>\$ 90,000</u> GRANT 3167-CIF-WW SYST.IMP. \$100,000		\$ 256.00	JUNE 1 <sup>st</sup> (CURRENT YEAR)

RUS LOAN

WATER SYSTEM

PURCHASE

\$ 1,930,000



PROMISSORY NOTE  
(ASSOCIATION OR ORGANIZATION)

State New Mexico
County Dona Ana

- KIND OF LOAN:
- ASSOCIATION - ORGANIZATION
  - HOUSING - ORGANIZATION
  - PUBLIC BODY
  - OTHER

FINANCE OFFICE USE ONLY			
F	LN	LC	IA
91	01		

Date September 16, 19 93

FOR VALUE RECEIVED, Anthony Water and Sanitation District  
(herein called "Borrower") promises to pay to the order of the United States of America, acting through the Farmers Home Administration, United States Department of Agriculture, (herein called the "Government") at its office in \_\_\_\_\_  
Las Cruces, N.M., or at such other place as the Government may hereafter designate in

writing, the principal amount of One Million Nine Hundred Thirty Thousand dollars  
five and one quarter  
(\$ 1,930,000.--), plus interest on the unpaid principal balance at the rate of \_\_\_\_\_ percent  
(5.250 %) per annum. The said principal and interest shall be paid in the following installments on or before the following dates:

- \$ XXXXXXXXXXXXXXXXXX on XXXXXXXXXXXXXXXXXX, 19 XX,
- \$ XXXXXXXXXXXXXXXXXX on XXXXXXXXXXXXXXXXXX, 19 XX,
- \$ XXXXXXXXXXXXXXXXXX on XXXXXXXXXXXXXXXXXX, 19 XX,
- \$ 9,631.00 on October 16, 19 93, and
- \$ 9,631.00 thereafter on the sixteenth of each month

until the principal and interest are fully paid except that the final installment of the entire indebtedness evidenced hereby,

if not sooner paid, shall be due and payable forty (40) years from the date of this note, and except that prepayments may be made as provided below. The consideration herefor shall support any agreement modifying the foregoing schedule of payments.

If the total amount of the loan is not advanced at the time of loan closing, the loan shall be advanced to Borrower as requested by Borrower and approved by the Government and interest shall accrue on the amount of each advance from its actual date as shown on the reverse hereof.

Every payment made on any indebtedness evidenced by this note shall be applied first to interest computed to the effective date of the payment and then to principal.

Prepayments of scheduled installments, or any portion thereof, may be made at any time at the option of Borrower. Refunds and extra payments, as defined in the regulations of the Farmers Home Administration according to the source of funds involved, shall, after payment of interest, be applied to the installments last to become due under this note and shall not affect the obligation of Borrower to pay the remaining installments as scheduled herein.

If the Government at any time assigns this note and insures the payment thereof, Borrower shall continue to make payments to the Government as collection agent for the holder. No assignment of this note shall be effective unless the Borrower is notified in writing of the name and address of the assignee. The Borrower shall thereupon duly note in its records the occurrence of such assignment, together with the name and address of the assignee.

While this note is held by an insured lender, prepayments as above authorized made by Borrower may, at the option of the Government, be remitted by the Government to the holder promptly or, except for final payment, be retained by the Government and remitted to the holder on either a calendar quarter basis or an annual installment due date basis. The effective date of every payment made by Borrower, except payments retained and remitted by the Government on an annual installment due date basis, shall be the date of the United States Treasury check by which the Government remits the payment to the holder. The effective date of any prepayment retained and remitted by the Government to the holder on an annual installment due date basis shall be the date of the prepayment of Borrower, and the Government will pay the interest to which the holder is entitled accruing between the effective date of any such prepayment and the date of the Treasury check to the holder.



Any amount advanced or expended by the Government for the collection hereof or to preserve or protect any security hereto, or otherwise under the terms of any security or other instrument executed in connection with the loan evidenced hereby, at the option of the Government shall become a part of and bear interest at the same rate as the principal of the debt evidenced hereby and be immediately due and payable by Borrower to the Government without demand. Borrower agrees to use the loan evidenced hereby solely for purposes authorized by the Government.

Borrower hereby certifies that it is unable to obtain sufficient credit elsewhere to finance its actual needs at reasonable rates and terms, taking into consideration prevailing private and cooperative rates and terms in or near its community for loans for similar purposes and periods of time.

If at any time it shall appear to the Government that Borrower may be able to obtain a loan from a responsible cooperative or private credit source at reasonable rates and terms for loans for similar purposes and periods of time, Borrower will, at the Government's request, apply for and accept such loan in sufficient amount to repay the Government.

Default hereunder shall constitute default under any other instrument evidencing a debt or other obligation of Borrower to the Government or securing such a debt or other obligation and default under any such other instrument shall constitute default hereunder. Upon any such default, the Government at its option may declare all or any part of any such indebtedness immediately due and payable.

This note is given as evidence of a loan to Borrower made or insured by the Government pursuant to the Consolidated Farm and Rural Development Act if the box opposite "Association" is checked under the heading "KIND OF LOAN," or pursuant to Title V of the Housing Act of 1949 if the box opposite "HOUSING - ORGANIZATION" is checked. This note shall be subject to the present regulations of the Farmers Home Administration and to its future regulations not inconsistent with the express provisions hereof.

Presentment, protest, and notice are hereby waived.

Anthony Water and Sanitation District

(Name of Borrower)

*Cornelio Holguin*

CORNELIO HOLGUIN (Signature of Executive Official)

MEMBER OF THE BOARD OF DIRECTORS

ANTHONY WATER AND SANITATION DISTRICT

(Title of Executive Official)

P.O. Box 1751

(Post Office Box No. or Street Address)

Anthony, NM 88021

(City, State, and Zip Code)

(CORPORATE SEAL)

ATTEST:

*Loren Schoonover*

LOREN SCHOONOVER (Signature of Attesting Official)

SECRETARY TREASURER

(Title of Attesting Official)

RECORD OF ADVANCES

AMOUNT	DATE	AMOUNT	DATE
(1) \$ 1,626,697. <sup>00</sup>	9-16-93	(6) \$	
(2) \$		(7) \$	
(3) \$		(8) \$	
(4) \$		(9) \$	
(5) \$		(10) \$	
TOTAL			

PAY TO THE ORDER OF \_\_\_\_\_

UNITED STATES OF AMERICA  
FARMERS HOME ADMINISTRATION

BY \_\_\_\_\_



RUS LOAN

ARSENIC/NITRATE  
PROJECT

\$ 1,493,000



PROMISSORY NOTE  
(ASSOCIATION OR ORGANIZATION)

State New Mexico			
County Doña Ana			
FINANCE OFFICE USE ONLY			
F 9/1	LN 12	LC	IA

KIND OF LOAN:

ASSOCIATION - ORGANIZATION  
 HOUSING - ORGANIZATION  
 PUBLIC BODY  
 OTHER (Indian Tribe)

Date March 7, 20 12

FOR VALUE RECEIVED, Anthony Water & Sanitation District

(herein called "Borrower") promises to pay to the order of the United States of America, acting through the Rural Housing Service, Rural Business-Cooperative Service, or Rural Utilities Service within the Rural Development Mission Area, the Farm Service Agency, or their successor Agencies, United States Department of Agriculture, (herein called the Government") at its office in Las Cruces, NM, or at such other place as the Government may hereafter designate in

writing, the principal amount of One Million Four Hundred Ninety-Three Thousand dollars

(\$ 1,493,000.00), plus interest on the unpaid principal balance at the rate of Two and one-fourth percent Two and Five-Eighths

2.250 (2.625 %) per annum. The said principal and interest shall be paid in the following installments on or before the following dates:

\$ <u>4,733.00</u>	on <u>April 7</u> , 20 <u>12</u>
\$ <u>5,032.00</u>	on <u>XXXXXXX</u> , 20 <u>XXXX</u>
\$ <u>XXXXXXX</u>	on <u>XXXXXXX</u> , 20 <u>XXXX</u>
\$ <u>XXXXXXX</u>	on <u>XXXXXXX</u> , 20 <u>XXXX</u>
\$ <u>5,032.00 4,733.00</u>	thereafter on the <u>7th</u> Of each <u>Month</u>

until the principal and interest are fully paid except that the final installment of the entire indebtedness evidenced hereby, if not sooner paid, shall be due and payable Forty ( 40 ) Years from the date of this note, and except that prepayments may be made as provided below. The consideration herefor shall support any agreement modifying the foregoing schedule of payments.

If the total amount of the loan is not advanced at the time of loan closing, the loan shall be advanced to Borrower as requested by Borrower and approved by the Government and interest shall accrue on the amount of each advance from its actual date as shown on the reverse hereof.

Every payment made on any indebtedness evidenced by this note shall be applied first to interest computed to the effective date of the payment and then to principal.

Prepayments of scheduled installments, or any portion thereof, may be made at any time at the option of Borrower. Refunds and extra payments, as defined in the regulations of the Government according to the source of funds involved, shall, after payment of interest, be applied to the installments last to become due under this note and shall not affect the obligation of Borrower to pay the remaining installments as scheduled herein.

If the Government at any time assigns this note and insures the payment thereof, Borrower shall continue to make payments to the Government as collection agent for the holder. No assignment of this note shall be effective unless the Borrower is notified in writing of the name and address of the assignee. The Borrower shall thereupon duly note in its records the occurrence of such assignment, together with the name and address of the assignee.

While this note is held by an insured lender, prepayments as above authorized made by Borrower may, at the option of the Government, be remitted by the Government to the holder promptly or, except for final payment, be retained by the Government and remitted to the holder on either a calendar quarter basis or an annual installment due date basis. The effective date of every payment made by Borrower, except payments retained and remitted by the Government on an annual installment due date basis, shall be the date of the United States Treasury check by which the Government remits the payment to the holder. The effective date of any prepayment retained and remitted by the Government to the holder on an annual installment due date basis shall be the date of the prepayment of Borrower, and the Government will pay the interest to which the holder is entitled accruing between the effective date of any such prepayment and the date of the Treasury check to the holder.

Any amount advanced or expended by the Government for the collection hereon or to preserve or protect any security hereto, or otherwise under the terms of any security or other instrument executed in connection with the loan evidenced hereby, at the option of the Government shall become a part of and bear interest at the same rate as the principal of the debt evidenced hereby and be immediately due and payable by Borrower to the Government without demand. Borrower agrees to use the loan evidenced hereby solely for purposes authorized by the Government.

Borrower hereby certifies that it is unable to obtain sufficient credit elsewhere to finance its actual needs at reasonable rates and terms, taking into consideration prevailing private and cooperative rates and terms in or near its community for loans for similar purposes and periods of time.

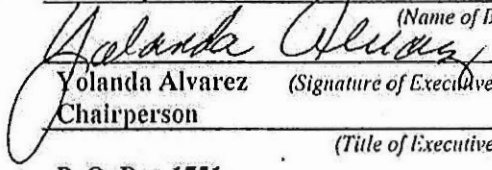
If at any time it shall appear to the Government that Borrower may be able to obtain a loan from a responsible cooperative or private credit source at reasonable rates and terms for loans for similar purposes and periods of time, Borrower will, at the Government's request, apply for and accept such loan in sufficient amount to repay the Government.

Default hereunder shall constitute default under any other instrument evidencing a debt or other obligation of Borrower to the Government or securing such a debt or other obligation and default under any such other obligation of Borrower to the Government or securing such a debt or other obligation and default under any such other instrument shall constitute default hereunder. Upon any such default, the Government at its option may declare all or any part of any such indebtedness immediately due and payable.

This note is given as evidence of loan to Borrower made or insured by the Government pursuant to the Consolidated Farm and Rural Development Act if the box opposite "Association" is checked under the heading "KIND OF LOAN," or pursuant to Title V of the Housing Act of 1949 if the box opposite "HOUSING - ORGANIZATION" is checked. This note shall be subject to the present regulations of the Government and to its future regulations not inconsistent with the express provisions hereof.

Presentment, protest, and notice are hereby waived.

  
 (CORPORATE SEAL)  
 ATTEST  
  
 Loren Sehnobner (Signature of Attesting Official)  
 Secretary/Treasurer  
 (Title of Attesting Official)

Anthony Water & Sanitation District  
 \_\_\_\_\_  
 (Name of Borrower)  
  
 Yolanda Alvarez (Signature of Executive Official)  
 Chairperson  
 \_\_\_\_\_  
 (Title of Executive Official)  
 P. O. Box 1751  
 \_\_\_\_\_  
 (Post Office Box No. or Street Address)  
 Anthony, NM 88021-1751  
 \_\_\_\_\_  
 (City, State, and Zip Code)

RECORD OF ADVANCES

AMOUNT	DATE	AMOUNT	DATE
(1) \$		(6) \$	
(2) \$		(7) \$	
(3) \$		(8) \$	
(4) \$		(9) \$	
(5) \$		(10) \$	
TOTAL			

PAY TO THE ORDER OF \_\_\_\_\_

UNITED STATES OF AMERICA  
RURAL UTILITIES SERVICE

BY \_\_\_\_\_



NMFA LOAN

ARSENIC/NITRATE  
PROJECT

\$ 75,000 WTB-0048



207 Shelby Street  
Santa Fe, NM 87501

Tel: (505) 984-1454  
Fax: (505) 992-9640

**Anthony Water and Sanitation District**  
**Attn: Pat Banegas-Superintendent**  
**P.O. Box 1751**  
**Anthony, NM 88021**

**\$750,000**

Grant = 675,000 Loan = 75,000

**LOAN# ANTHONY 3**

**Rehabilitation Water System-Arsenic/Nitrate Contamination**

**CLOSED: 9/28/07**

Thank you for choosing the New Mexico Finance Authority for your recent loan. NMFA would like to provide you with the following information to assist with program fund disbursements and timely debt service payments. Attached is your final debt service schedule.

- Your loan portion of: **\$750,000** is due annually starting on: **June 1, 2008**  
(Refer to Section 5.1 (a) of your loan agreement)

Payments should be received on or before due date and submitted to:

**By Mail:**

New Mexico Finance Authority  
207 Shelby Street  
Santa Fe, NM 87501

**By Wire:**

Wells Fargo  
NMFA –PPRF Account  
ABA: 121000248  
Account No: 631-10003-73

- To access your available project/program funds, a Form of Requisition must be completed. It is located in the back section of your loan agreement. If you cannot locate this form, please contact us so we may send you one.
  - 1) Start with Requisition Number: 1.
  - 2) Name and address of payee.
  - 3) Amount and purpose of payment.
  - 4) Sign, date, and title form by an authorized officer.  
(Refer to "Authorized Officers" under Article I Definitions in front of your loan agreement).
  - 5) Provide all backup including invoices, wire information, or proof of payments for reimbursements.
  - 6) Fax to 505-992-9640 and send original by mail to expedite the drawdown.
  - 7) The program funds must be drawn down completely within 3 years of the closing date.

For any further information you may need, please call Lorraine Valdez @ 505-992-9623, Greg Campbell @ 505-992-9614, or Grace Romero @ (505) 992-9624.

**PLEASE INFORM US IF THE CONTACT INFORMATION ON THIS LETTER  
IS INCORRECT**



**New Mexico Finance Authority  
 Anthony Water and Sanitation District  
 Net Debt Service Schedule**

**Final**

<u>Date</u>	<u>Principal</u>	<u>Periodic Interest</u>	<u>Net New Debt Service</u>
6/1/2008	2,511.00	126.56	2,637.56
6/1/2009	3,730.00	181.22	3,911.22
6/1/2010	3,739.00	171.90	3,910.90
6/1/2011	3,749.00	162.56	3,911.56
6/1/2012	3,758.00	153.18	3,911.18
6/1/2013	3,767.00	143.78	3,910.78
6/1/2014	3,777.00	134.36	3,911.36
6/1/2015	3,786.00	124.92	3,910.92
6/1/2016	3,796.00	115.46	3,911.46
6/1/2017	3,805.00	105.96	3,910.96
6/1/2018	3,815.00	96.46	3,911.46
6/1/2019	3,824.00	86.92	3,910.92
6/1/2020	3,834.00	77.36	3,911.36
6/1/2021	3,844.00	67.78	3,911.78
6/1/2022	3,853.00	58.16	3,911.16
6/1/2023	3,863.00	48.54	3,911.54
6/1/2024	3,873.00	38.88	3,911.88
6/1/2025	3,882.00	29.20	3,911.20
6/1/2026	3,892.00	19.48	3,911.48
6/1/2027	3,902.00	9.76	3,911.76
	<u>75,000.00</u>	<u>1,952.44</u>	<u>76,952.44</u>

**New Mexico Finance Auth 048-WTB 8/24/2007 JT**



NMFA LOAN

ARSENIC/NITRATE  
PROJECT

\$ 100,000 WTB-75





# AUTHORITY

Anthony Water and Sanitation District  
Attn: Pat Banegas - Superintendent  
P.O. Box 1751  
Anthony, NM 88021

\$500,000

Grant = 400,000 Loan = 100,000

LOAN# ANTHONY 2

Remove Arsenic & Nitrates - Rehabilitation

CLOSED: 7/23/2010

Thank you for choosing the New Mexico Finance Authority for your recent loan. NMFA would like to provide you with the following information to assist with program fund disbursements and timely debt service payments. Attached is your final debt service schedule.

- o Your loan portion of: \$100,000 is due annually starting on: June 1, 2011  
(Refer to Section 5.1 (a) of your loan agreement)

Payments should be received on or before due date and submitted to:

By Mail:  
New Mexico Finance Authority  
207 Shelby Street  
Santa Fe, NM 87501

By Wire:  
Wells Fargo  
NMFA -PPRF Account  
ABA: 121000248  
Account No: 631-10003-73

To access your available project/program funds, a Form of Requisition must be completed. It is located in the back section of your loan agreement. If you cannot locate this form, please contact us so we may send you one.

- 1) Start with Requisition Number: 1.
- 2) Name and address of payee.
- 3) Amount and purpose of payment.
- 4) Sign, date, and title form by an authorized officer.  
(Refer to "Authorized Officers" under Article I Definitions in front of your loan agreement).
- 5) Provide all backup including invoices, wire information, or proof of payments for reimbursements.
- 6) Fax to 505-992-9640 and send original by mail to expedite the drawdown.
- 7) The program funds must be drawn down completely within 3 years of the closing date.

For any further information you may need, please call Lorraine Valdez @ 505-992-9623 or Richard Garcia @ 505-992-9624.

PLEASE INFORM US IF THE CONTACT INFORMATION IS INCORRECT

207 Shelby Street  
Santa Fe, NM 87501  
(505) 984-1454

1-877-ASK-NMFA • Main Fax: (505) 992-9635  
Accounting Fax: (505) 992-9640 • www.nmfa.net

New Mexico Finance Authority	Loan Amount =	\$100,000
Anthony WSD	Average Loan Life =	10.44
75-WTB	Blended Interest Rate =	0.250%
	Arbitrage Yield =	0.2501%

Fiscal Year	Principal Paid	Principal Amount	Interest Amount	Total New Debt Service
2011	Jun	4,882	213.89	5,095.89
2012	Jun	4,894	237.80	5,131.80
2013	Jun	4,907	225.56	5,132.56
2014	Jun	4,919	213.30	5,132.30
2015	Jun	4,931	201.00	5,132.00
2016	Jun	4,944	188.68	5,132.68
2017	Jun	4,956	176.32	5,132.32
2018	Jun	4,968	163.92	5,131.92
2019	Jun	4,981	151.50	5,132.50
2020	Jun	4,993	139.04	5,132.04
2021	Jun	5,006	126.56	5,132.56
2022	Jun	5,018	114.04	5,132.04
2023	Jun	5,031	101.50	5,132.50
2024	Jun	5,043	88.92	5,131.92
2025	Jun	5,056	76.32	5,132.32
2026	Jun	5,069	63.68	5,132.68
2027	Jun	5,081	51.00	5,132.00
2028	Jun	5,094	38.30	5,132.30
2029	Jun	5,107	25.56	5,132.56
2030	Jun	5,120	12.80	5,132.80
	Total	100,000	2,609.69	102,609.69



**NMFA LOAN**

**METER REPLACEMENT**

**PROJECT # 2741-DW**

**\$ 212,500**



Monthly Bond Debt Service  
Anthony Water & Sanitation District  
2741-DW Water Project

Loan Component (LOAN)

Calendar Year	Month	Principal	Coupon	Interest	Debt Service	Principal Outstanding	
2014	November	1,031	0.250%	51.65	1,082.32	211,469	
	December	1,031		51.65	1,082.32	210,439	
2015	January	1,031		51.65	1,082.32	209,408	
	February	1,031		51.65	1,082.32	208,377	
	March	1,031		51.65	1,082.32	207,347	
	April	1,031		51.65	1,082.32	206,316	
	May	885	0.250%	42.98	927.65	205,431	
	June	885		42.98	927.65	204,547	
	July	885		42.98	927.65	203,662	
	August	885		42.98	927.65	202,777	
	September	885		42.98	927.65	201,893	
	October	885		42.98	927.65	201,008	
	November	885		42.98	927.65	200,123	
	December	885		42.98	927.65	199,239	
2016	January	885			42.98	927.65	198,354
	February	885			42.98	927.65	197,469
	March	885			42.98	927.65	196,585
	April	885			42.98	927.65	195,700
	May	887	0.250%	40.77	927.69	194,813	
	June	887		40.77	927.69	193,926	
	July	887		40.77	927.69	193,039	
	August	887		40.77	927.69	192,152	
	September	887		40.77	927.69	191,265	
	October	887		40.77	927.69	190,379	
	November	887		40.77	927.69	189,492	
	December	887		40.77	927.69	188,605	
2017	January	887			40.77	927.69	187,718
	February	887			40.77	927.69	186,831
	March	887			40.77	927.69	185,944
	April	887			40.77	927.69	185,057
	May	889	0.250%	38.55	927.64	184,168	
	June	889		38.55	927.64	183,279	
	July	889		38.55	927.64	182,390	
	August	889		38.55	927.64	181,501	
	September	889		38.55	927.64	180,612	
	October	889		38.55	927.64	179,723	
	November	889		38.55	927.64	178,833	
	December	889		38.55	927.64	177,944	
2018	January	889			38.55	927.64	177,055

	February	889		38.55	927.64	176,166
	March	889		38.55	927.64	175,277
	April	889		38.55	927.64	174,388
	May	891	0.250%	36.33	927.67	173,497
	June	891		36.33	927.67	172,605
	July	891		36.33	927.67	171,714
	August	891		36.33	927.67	170,823
	September	891		36.33	927.67	169,931
	October	891		36.33	927.67	169,040
	November	891		36.33	927.67	168,149
	December	891		36.33	927.67	167,257
2019	January	891		36.33	927.67	166,366
	February	891		36.33	927.67	165,475
	March	891		36.33	927.67	164,583
	April	891		36.33	927.67	163,692
	May	894	0.250%	34.10	927.69	162,798
	June	894		34.10	927.69	161,905
	July	894		34.10	927.69	161,011
	August	894		34.10	927.69	160,118
	September	894		34.10	927.69	159,224
	October	894		34.10	927.69	158,331
	November	894		34.10	927.69	157,437
	December	894		34.10	927.69	156,543
2020	January	894		34.10	927.69	155,650
	February	894		34.10	927.69	154,756
	March	894		34.10	927.69	153,863
	April	894		34.10	927.69	152,969
	May	896	0.250%	31.87	927.70	152,073
	June	896		31.87	927.70	151,177
	July	896		31.87	927.70	150,282
	August	896		31.87	927.70	149,386
	September	896		31.87	927.70	148,490
	October	896		31.87	927.70	147,594
	November	896		31.87	927.70	146,698
	December	896		31.87	927.70	145,802
2021	January	896		31.87	927.70	144,907
	February	896		31.87	927.70	144,011
	March	896		31.87	927.70	143,115
	April	896		31.87	927.70	142,219
	May	898	0.250%	29.63	927.71	141,321
	June	898		29.63	927.71	140,423
	July	898		29.63	927.71	139,525
	August	898		29.63	927.71	138,627
	September	898		29.63	927.71	137,729
	October	898		29.63	927.71	136,831

	November	898		29.63	927.71	135,932
	December	898		29.63	927.71	135,034
2022	January	898		29.63	927.71	134,136
	February	898		29.63	927.71	133,238
	March	898		29.63	927.71	132,340
	April	898		29.63	927.71	131,442
	May	900	0.250%	27.38	927.72	130,542
	June	900		27.38	927.72	129,641
	July	900		27.38	927.72	128,741
	August	900		27.38	927.72	127,841
	September	900		27.38	927.72	126,940
	October	900		27.38	927.72	126,040
	November	900		27.38	927.72	125,140
	December	900		27.38	927.72	124,239
2023	January	900		27.38	927.72	123,339
	February	900		27.38	927.72	122,439
	March	900		27.38	927.72	121,538
	April	900		27.38	927.72	120,638
	May	903	0.250%	25.13	927.72	119,735
	June	903		25.13	927.72	118,833
	July	903		25.13	927.72	117,930
	August	903		25.13	927.72	117,028
	September	903		25.13	927.72	116,125
	October	903		25.13	927.72	115,223
	November	903		25.13	927.72	114,320
	December	903		25.13	927.72	113,417
2024	January	903		25.13	927.72	112,515
	February	903		25.13	927.72	111,612
	March	903		25.13	927.72	110,710
	April	903		25.13	927.72	109,807
	May	905	0.250%	22.88	927.71	108,902
	June	905		22.88	927.71	107,997
	July	905		22.88	927.71	107,093
	August	905		22.88	927.71	106,188
	September	905		22.88	927.71	105,283
	October	905		22.88	927.71	104,378
	November	905		22.88	927.71	103,473
	December	905		22.88	927.71	102,568
2025	January	905		22.88	927.71	101,664
	February	905		22.88	927.71	100,759
	March	905		22.88	927.71	99,854
	April	905		22.88	927.71	98,949
	May	907	0.250%	20.61	927.70	98,042
	June	907		20.61	927.70	97,135
	July	907		20.61	927.70	96,228

	August	907		20.61	927.70	95,321
	September	907		20.61	927.70	94,414
	October	907		20.61	927.70	93,506
	November	907		20.61	927.70	92,599
	December	907		20.61	927.70	91,692
2026	January	907		20.61	927.70	90,785
	February	907		20.61	927.70	89,878
	March	907		20.61	927.70	88,971
	April	907		20.61	927.70	88,064
	May	909	0.250%	18.35	927.68	87,155
	June	909		18.35	927.68	86,245
	July	909		18.35	927.68	85,336
	August	909		18.35	927.68	84,427
	September	909		18.35	927.68	83,517
	October	909		18.35	927.68	82,608
	November	909		18.35	927.68	81,699
	December	909		18.35	927.68	80,789
2027	January	909		18.35	927.68	79,880
	February	909		18.35	927.68	78,971
	March	909		18.35	927.68	78,061
	April	909		18.35	927.68	77,152
	May	912	0.250%	16.07	927.66	76,240
	June	912		16.07	927.66	75,329
	July	912		16.07	927.66	74,417
	August	912		16.07	927.66	73,506
	September	912		16.07	927.66	72,594
	October	912		16.07	927.66	71,683
	November	912		16.07	927.66	70,771
	December	912		16.07	927.66	69,859
2028	January	912		16.07	927.66	68,948
	February	912		16.07	927.66	68,036
	March	912		16.07	927.66	67,125
	April	912		16.07	927.66	66,213
	May	914	0.250%	13.80	927.71	65,299
	June	914		13.80	927.71	64,385
	July	914		13.80	927.71	63,471
	August	914		13.80	927.71	62,557
	September	914		13.80	927.71	61,643
	October	914		13.80	927.71	60,730
	November	914		13.80	927.71	59,816
	December	914		13.80	927.71	58,902
2029	January	914		13.80	927.71	57,988
	February	914		13.80	927.71	57,074
	March	914		13.80	927.71	56,160
	April	914		13.80	927.71	55,246



	May	916	0.250%	11.51	927.68	54,330
	June	916		11.51	927.68	53,414
	July	916		11.51	927.68	52,498
	August	916		11.51	927.68	51,581
	September	916		11.51	927.68	50,665
	October	916		11.51	927.68	49,749
	November	916		11.51	927.68	48,833
	December	916		11.51	927.68	47,917
2030	January	916		11.51	927.68	47,001
	February	916		11.51	927.68	46,084
	March	916		11.51	927.68	45,168
	April	916		11.51	927.68	44,252
	May	919	0.250%	9.22	927.72	43,334
	June	919		9.22	927.72	42,415
	July	919		9.22	927.72	41,497
	August	919		9.22	927.72	40,578
	September	919		9.22	927.72	39,660
	October	919		9.22	927.72	38,741
	November	919		9.22	927.72	37,823
	December	919		9.22	927.72	36,904
2031	January	919		9.22	927.72	35,986
	February	919		9.22	927.72	35,067
	March	919		9.22	927.72	34,149
	April	919		9.22	927.72	33,230
	May	921	0.250%	6.92	927.67	32,309
	June	921		6.92	927.67	31,389
	July	921		6.92	927.67	30,468
	August	921		6.92	927.67	29,547
	September	921		6.92	927.67	28,626
	October	921		6.92	927.67	27,706
	November	921		6.92	927.67	26,785
	December	921		6.92	927.67	25,864
2032	January	921		6.92	927.67	24,943
	February	921		6.92	927.67	24,023
	March	921		6.92	927.67	23,102
	April	921		6.92	927.67	22,181
	May	923	0.250%	4.62	927.71	21,258
	June	923		4.62	927.71	20,335
	July	923		4.62	927.71	19,412
	August	923		4.62	927.71	18,489
	September	923		4.62	927.71	17,566
	October	923		4.62	927.71	16,643
	November	923		4.62	927.71	15,719
	December	923		4.62	927.71	14,796
2033	January	923		4.62	927.71	13,873
	February	923		4.62	927.71	12,950

	March	923		4.62	927.71	12,027
	April	923		4.62	927.71	11,104
	May	925	0.250%	2.31	927.65	10,179
	June	925		2.31	927.65	9,253
	July	925		2.31	927.65	8,328
	August	925		2.31	927.65	7,403
	September	925		2.31	927.65	6,477
	October	925		2.31	927.65	5,552
	November	925		2.31	927.65	4,627
	December	925		2.31	927.65	3,701
2034	January	925		2.31	927.65	2,776
	February	925		2.31	927.65	1,851
	March	925		2.31	927.65	925
	April	925		2.31	927.65	0
		212,500		5,506.52	218,006.52	

Detailed Bond Debt Service  
 Anthony Water & Sanitation District  
 2741-DW Water Project  
Loan Component (LOAN)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/1/2014			44.27	44.27	
5/1/2015	6,184	0.250%	265.63	6,449.63	6,493.90
11/1/2015			257.90	257.90	
5/1/2016	10,616	0.250%	257.90	10,873.90	11,131.80
11/1/2016			244.63	244.63	
5/1/2017	10,643	0.250%	244.63	10,887.63	11,132.26
11/1/2017			231.32	231.32	
5/1/2018	10,669	0.250%	231.32	10,900.32	11,131.64
11/1/2018			217.99	217.99	
5/1/2019	10,696	0.250%	217.99	10,913.99	11,131.98
11/1/2019			204.62	204.62	
5/1/2020	10,723	0.250%	204.62	10,927.62	11,132.24
11/1/2020			191.21	191.21	
5/1/2021	10,750	0.250%	191.21	10,941.21	11,132.42
11/1/2021			177.77	177.77	
5/1/2022	10,777	0.250%	177.77	10,954.77	11,132.54
11/1/2022			164.30	164.30	
5/1/2023	10,804	0.250%	164.30	10,968.30	11,132.60
11/1/2023			150.80	150.80	
5/1/2024	10,831	0.250%	150.80	10,981.80	11,132.60
11/1/2024			137.26	137.26	
5/1/2025	10,858	0.250%	137.26	10,995.26	11,132.52
11/1/2025			123.69	123.69	
5/1/2026	10,885	0.250%	123.69	11,008.69	11,132.38
11/1/2026			110.08	110.08	
5/1/2027	10,912	0.250%	110.08	11,022.08	11,132.16
11/1/2027			96.44	96.44	
5/1/2028	10,939	0.250%	96.44	11,035.44	11,131.88
11/1/2028			82.77	82.77	
5/1/2029	10,967	0.250%	82.77	11,049.77	11,132.54
11/1/2029			69.06	69.06	
5/1/2030	10,994	0.250%	69.06	11,063.06	11,132.12
11/1/2030			55.32	55.32	
5/1/2031	11,022	0.250%	55.32	11,077.32	11,132.64
11/1/2031			41.54	41.54	
5/1/2032	11,049	0.250%	41.54	11,090.54	11,132.08
11/1/2032			27.73	27.73	
5/1/2033	11,077	0.250%	27.73	11,104.73	11,132.46
11/1/2033			13.88	13.88	
5/1/2034	11,104	0.250%	13.88	11,117.88	11,131.76
	212,500		5,506.52	218,006.52	218,006.52



NMFA LOAN

REFUNDING & EQUIP.

#3272-PP

\$ 982,356



SOURCES AND USES OF FUNDS

Anthony Water & Sanitation District  
3272-PP, Series 2015, Refunding & Equipment

Sources:	2015 Equipment Loan	92-07 Refunding	92-10 Refunding	97-06 Refunding	Total
Bond Proceeds:					
Par Amount	283,515.00	314,190.00	175,982.00	208,669.00	982,356.00
Other Sources of Funds:					
Cash from DSR Account		15,687.00	7,488.00	16,488.00	39,663.00
	283,515.00	329,877.00	183,470.00	225,157.00	1,022,019.00
Uses:					
Project Fund Deposits:					
Project Fund	261,000.00				261,000.00
Refunding Escrow Deposits:					
Cash Deposit		304,925.70	169,494.44	208,585.41	683,005.55
Other Fund Deposits:					
Debt Service Reserve Fund	20,388.52	22,594.47	12,655.46	15,006.10	70,644.55
Delivery Date Expenses:					
Underwriter's Discount	2,126.36	2,356.43	1,319.87	1,565.01	7,367.67
Other Uses of Funds:					
Additional Proceeds	0.12	0.40	0.23	0.48	1.23
	283,515.00	329,877.00	183,470.00	225,157.00	1,022,019.00

SUMMARY OF FINANCING RESULTS

Anthony Water & Sanitation District  
 3272-PP, Series 2015, Refunding & Equipment

Series	Bond Par	Bond Yield	Contingency	Escrow Yield	Negative Arbitrage	Net Savings
2015 Equipment Loan	283,515.00	1.139%	0.12			
92-07 Refunding	314,190.00	3.335%	0.40			37,687.18
92-10 Refunding	175,982.00	3.335%	0.23			21,476.49
97-06 Refunding	208,669.00	3.122%	0.48			41,247.54
	982,356.00		1.23		0.00	100,411.21

Aggregate:

Arbitrage Yield      2.876878%  
 Escrow Yield

## SUMMARY OF REFUNDING RESULTS

Anthony Water & Sanitation District  
3272-PP, Series 2015, Refunding & Equipment

Dated Date	05/15/2015
Delivery Date	05/15/2015
Arbitrage yield	2.876878%
Escrow yield	0.000000%
Value of Negative Arbitrage	
Bond Par Amount	698,841.00
True Interest Cost	3.352258%
Net Interest Cost	3.390244%
Average Coupon	3.330868%
Average Life	12.631
Par amount of refunded bonds	681,757.93
Average coupon of refunded bonds	4.261722%
Average life of refunded bonds	19.062
PV of prior debt to 05/15/2015 @ 2.876878%	817,350.59
Net PV Savings	100,411.21
Percentage savings of refunded bonds	14.728279%
Percentage savings of refunding bonds	14.368248%

ESCROW REQUIREMENTS

Anthony Water & Sanitation District  
3272-PP, Series 2015, Refunding & Equipment

Period Ending	Interest	Principal Redeemed	Total
05/15/2015	1,247.62	681,757.93	683,005.55
	1,247.62	681,757.93	683,005.55



ESCROW REQUIREMENTS

Anthony Water & Sanitation District  
92-07 Refunding

USDA 92-07 Series 2007 (USDA9207)

Period Ending	Interest	Principal Redeemed	Total
05/15/2015	418.70	304,507.00	304,925.70
	418.70	304,507.00	304,925.70

ESCROW REQUIREMENTS

Anthony Water & Sanitation District  
92-10 Refunding

USDA 92-10 Series 2008 (USDA9210)

Period Ending	Interest	Principal Redeemed	Total
05/15/2015	561.35	168,933.09	169,494.44
	561.35	168,933.09	169,494.44

ESCROW REQUIREMENTS

Anthony Water & Sanitation District  
97-06 Refunding

USDA 97-06 Series 2003 (USDA9706)

Period Ending	Interest	Principal Redeemed	Total
05/15/2015	267.57	208,317.84	208,585.41
	267.57	208,317.84	208,585.41

BOND SUMMARY STATISTICS

Anthony Water & Sanitation District  
3272-PP, Series 2015, Refunding & Equipment

Dated Date	05/15/2015
Delivery Date	05/15/2015
Last Maturity	05/01/2038
Arbitrage Yield	2.876878%
True Interest Cost (TIC)	2.959949%
Net Interest Cost (NIC)	3.013144%
All-In TIC	2.959949%
Average Coupon	2.944345%
Average Life (years)	10.901
Duration of Issue (years)	9.180
Par Amount	982,356.00
Bond Proceeds	982,356.00
Total Interest	315,305.92
Net Interest	322,673.59
Total Debt Service	1,297,661.92
Maximum Annual Debt Service	70,724.24
Average Annual Debt Service	56,515.64
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	7.500000
Total Underwriter's Discount	7.500000
Bid Price	99.250000

Bond Component	Par Value	Price	Average Coupon	Average Life
Market Loan Component	208,515.00	100.000	1.933%	5.076
Disadvantaged Component	75,000.00	100.000	0.100%	10.975
97-06 Loan Component	208,669.00	100.000	3.169%	11.321
93-07 Loan Component	314,190.00	100.000	3.390%	13.189
93-10 Loan Component	175,982.00	100.000	3.390%	13.189
	982,356.00			10.901

	TIC	All-In TIC	Arbitrage Yield
Par Value	982,356.00	982,356.00	982,356.00
+ Accrued Interest			
+ Premium (Discount)			
- Underwriter's Discount	-7,367.67	-7,367.67	
- Cost of Issuance Expense			
- Other Amounts			
Target Value	974,988.33	974,988.33	982,356.00
Target Date	05/15/2015	05/15/2015	05/15/2015
Yield	2.959949%	2.959949%	2.876878%



## BOND DEBT SERVICE

Anthony Water & Sanitation District  
3272-PP, Series 2015, Refunding & Equipment

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2015			10,663.02	10,663.02	
05/01/2016	45,750	0.400%	11,562.32	57,312.32	67,975.34
11/01/2016			11,470.82	11,470.82	
05/01/2017	47,782	0.690%	11,470.82	59,252.82	70,723.64
11/01/2017			11,305.97	11,305.97	
05/01/2018	48,111	1.110%	11,305.97	59,416.97	70,722.94
11/01/2018			11,038.94	11,038.94	
05/01/2019	48,646	1.430%	11,038.94	59,684.94	70,723.88
11/01/2019			10,691.12	10,691.12	
05/01/2020	49,342	1.660%	10,691.12	60,033.12	70,724.24
11/01/2020			10,281.58	10,281.58	
05/01/2021	50,160	1.880%	10,281.58	60,441.58	70,723.16
11/01/2021			9,810.08	9,810.08	
05/01/2022	51,103	2.160%	9,810.08	60,913.08	70,723.16
11/01/2022			9,258.17	9,258.17	
05/01/2023	52,207	2.310%	9,258.17	61,465.17	70,723.34
11/01/2023			8,655.18	8,655.18	
05/01/2024	53,413	2.440%	8,655.18	62,068.18	70,723.36
11/01/2024			8,003.53	8,003.53	
05/01/2025	53,499	** %	8,003.53	61,502.53	69,506.06
11/01/2025			7,622.43	7,622.43	
05/01/2026	55,224	** %	7,622.43	62,846.43	70,468.86
11/01/2026			7,197.10	7,197.10	
05/01/2027	56,075	** %	7,197.10	63,272.10	70,469.20
11/01/2027			6,726.56	6,726.56	
05/01/2028	31,645	3.150%	6,726.56	38,371.56	45,098.12
11/01/2028			6,228.15	6,228.15	
05/01/2029	32,641	3.280%	6,228.15	38,869.15	45,097.30
11/01/2029			5,692.84	5,692.84	
05/01/2030	33,711	3.380%	5,692.84	39,403.84	45,096.68
11/01/2030			5,123.13	5,123.13	
05/01/2031	34,851	3.500%	5,123.13	39,974.13	45,097.26
11/01/2031			4,513.23	4,513.23	
05/01/2032	36,070	3.590%	4,513.23	40,583.23	45,096.46
11/01/2032			3,865.78	3,865.78	
05/01/2033	37,366	3.680%	3,865.78	41,231.78	45,097.56
11/01/2033			3,178.24	3,178.24	
05/01/2034	38,740	3.750%	3,178.24	41,918.24	45,096.48
11/01/2034			2,451.88	2,451.88	
05/01/2035	40,193	3.820%	2,451.88	42,644.88	45,096.76
11/01/2035			1,684.18	1,684.18	
05/01/2036	27,525	3.870%	1,684.18	29,209.18	30,893.36
11/01/2036			1,151.58	1,151.58	
05/01/2037	28,589	3.930%	1,151.58	29,740.58	30,892.16
11/01/2037			589.80	589.80	
05/01/2038	29,713	3.970%	589.80	30,302.80	30,892.60
	982,356		315,305.92	1,297,661.92	1,297,661.92

DETAILED BOND DEBT SERVICE

Anthony Water & Sanitation District  
2015 Equipment Loan

Market Loan Component (MARKET)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2015			1,532.64	1,532.64	
05/01/2016	21,364	0.400%	1,661.90	23,025.90	24,558.54
11/01/2016			1,619.17	1,619.17	
05/01/2017	22,313	0.690%	1,619.17	23,932.17	25,551.34
11/01/2017			1,542.19	1,542.19	
05/01/2018	22,467	1.110%	1,542.19	24,009.19	25,551.38
11/01/2018			1,417.50	1,417.50	
05/01/2019	22,717	1.430%	1,417.50	24,134.50	25,552.00
11/01/2019			1,255.07	1,255.07	
05/01/2020	23,042	1.660%	1,255.07	24,297.07	25,552.14
11/01/2020			1,063.82	1,063.82	
05/01/2021	23,424	1.880%	1,063.82	24,487.82	25,551.64
11/01/2021			843.64	843.64	
05/01/2022	23,865	2.160%	843.64	24,708.64	25,552.28
11/01/2022			585.89	585.89	
05/01/2023	24,380	2.310%	585.89	24,965.89	25,551.78
11/01/2023			304.30	304.30	
05/01/2024	24,943	2.440%	304.30	25,247.30	25,551.60
	208,515		20,457.70	228,972.70	228,972.70

DETAILED BOND DEBT SERVICE

Anthony Water & Sanitation District  
2015 Equipment Loan

Disadvantaged Component (DISADV)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2015			34.58	34.58	
05/01/2016			37.50	37.50	72.08
11/01/2016			37.50	37.50	
05/01/2017			37.50	37.50	75.00
11/01/2017			37.50	37.50	
05/01/2018			37.50	37.50	75.00
11/01/2018			37.50	37.50	
05/01/2019			37.50	37.50	75.00
11/01/2019			37.50	37.50	
05/01/2020			37.50	37.50	75.00
11/01/2020			37.50	37.50	
05/01/2021			37.50	37.50	75.00
11/01/2021			37.50	37.50	
05/01/2022			37.50	37.50	75.00
11/01/2022			37.50	37.50	
05/01/2023			37.50	37.50	75.00
11/01/2023			37.50	37.50	
05/01/2024			37.50	37.50	75.00
11/01/2024			37.50	37.50	
05/01/2025	24,333	0.100%	37.50	24,370.50	24,408.00
11/01/2025			25.33	25.33	
05/01/2026	25,321	0.100%	25.33	25,346.33	25,371.66
11/01/2026			12.67	12.67	
05/01/2027	25,346	0.100%	12.67	25,358.67	25,371.34
	75,000		823.08	75,823.08	75,823.08

## DETAILED BOND DEBT SERVICE

Anthony Water & Sanitation District  
92-07 Refunding93-07 Loan Component (REF9307)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2015			4,184.51	4,184.51	
05/01/2016	10,310	0.400%	4,537.42	14,847.42	19,031.93
11/01/2016			4,516.80	4,516.80	
05/01/2017	10,768	0.690%	4,516.80	15,284.80	19,801.60
11/01/2017			4,479.65	4,479.65	
05/01/2018	10,842	1.110%	4,479.65	15,321.65	19,801.30
11/01/2018			4,419.47	4,419.47	
05/01/2019	10,963	1.430%	4,419.47	15,382.47	19,801.94
11/01/2019			4,341.09	4,341.09	
05/01/2020	11,119	1.660%	4,341.09	15,460.09	19,801.18
11/01/2020			4,248.80	4,248.80	
05/01/2021	11,304	1.880%	4,248.80	15,552.80	19,801.60
11/01/2021			4,142.54	4,142.54	
05/01/2022	11,516	2.160%	4,142.54	15,658.54	19,801.08
11/01/2022			4,018.17	4,018.17	
05/01/2023	11,765	2.310%	4,018.17	15,783.17	19,801.34
11/01/2023			3,882.29	3,882.29	
05/01/2024	12,037	2.440%	3,882.29	15,919.29	19,801.58
11/01/2024			3,735.43	3,735.43	
05/01/2025	12,331	2.530%	3,735.43	16,066.43	19,801.86
11/01/2025			3,579.45	3,579.45	
05/01/2026	12,643	2.760%	3,579.45	16,222.45	19,801.90
11/01/2026			3,404.97	3,404.97	
05/01/2027	12,992	2.980%	3,404.97	16,396.97	19,801.94
11/01/2027			3,211.39	3,211.39	
05/01/2028	13,379	3.150%	3,211.39	16,590.39	19,801.78
11/01/2028			3,000.67	3,000.67	
05/01/2029	13,800	3.280%	3,000.67	16,800.67	19,801.34
11/01/2029			2,774.35	2,774.35	
05/01/2030	14,253	3.380%	2,774.35	17,027.35	19,801.70
11/01/2030			2,533.48	2,533.48	
05/01/2031	14,735	3.500%	2,533.48	17,268.48	19,801.96
11/01/2031			2,275.61	2,275.61	
05/01/2032	15,250	3.590%	2,275.61	17,525.61	19,801.22
11/01/2032			2,001.88	2,001.88	
05/01/2033	15,798	3.680%	2,001.88	17,799.88	19,801.76
11/01/2033			1,711.19	1,711.19	
05/01/2034	16,379	3.750%	1,711.19	18,090.19	19,801.38
11/01/2034			1,404.09	1,404.09	
05/01/2035	16,993	3.820%	1,404.09	18,397.09	19,801.18
11/01/2035			1,079.52	1,079.52	
05/01/2036	17,643	3.870%	1,079.52	18,722.52	19,802.04
11/01/2036			738.13	738.13	
05/01/2037	18,325	3.930%	738.13	19,063.13	19,801.26
11/01/2037			378.04	378.04	
05/01/2038	19,045	3.970%	378.04	19,423.04	19,801.08
	314,190		140,475.95	454,665.95	454,665.95



## DETAILED BOND DEBT SERVICE

Anthony Water & Sanitation District  
92-10 Refunding93-10 Loan Component (REF9310)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2015			2,343.81	2,343.81	
05/01/2016	5,775	0.400%	2,541.48	8,316.48	10,660.29
11/01/2016			2,529.93	2,529.93	
05/01/2017	6,031	0.690%	2,529.93	8,560.93	11,090.86
11/01/2017			2,509.12	2,509.12	
05/01/2018	6,073	1.110%	2,509.12	8,582.12	11,091.24
11/01/2018			2,475.41	2,475.41	
05/01/2019	6,140	1.430%	2,475.41	8,615.41	11,090.82
11/01/2019			2,431.51	2,431.51	
05/01/2020	6,228	1.660%	2,431.51	8,659.51	11,091.02
11/01/2020			2,379.82	2,379.82	
05/01/2021	6,331	1.880%	2,379.82	8,710.82	11,090.64
11/01/2021			2,320.31	2,320.31	
05/01/2022	6,450	2.160%	2,320.31	8,770.31	11,090.62
11/01/2022			2,250.65	2,250.65	
05/01/2023	6,590	2.310%	2,250.65	8,840.65	11,091.30
11/01/2023			2,174.53	2,174.53	
05/01/2024	6,742	2.440%	2,174.53	8,916.53	11,091.06
11/01/2024			2,092.28	2,092.28	
05/01/2025	6,907	2.530%	2,092.28	8,999.28	11,091.56
11/01/2025			2,004.91	2,004.91	
05/01/2026	7,081	2.760%	2,004.91	9,085.91	11,090.82
11/01/2026			1,907.19	1,907.19	
05/01/2027	7,277	2.980%	1,907.19	9,184.19	11,091.38
11/01/2027			1,798.76	1,798.76	
05/01/2028	7,494	3.150%	1,798.76	9,292.76	11,091.52
11/01/2028			1,680.73	1,680.73	
05/01/2029	7,730	3.280%	1,680.73	9,410.73	11,091.46
11/01/2029			1,553.96	1,553.96	
05/01/2030	7,983	3.380%	1,553.96	9,536.96	11,090.92
11/01/2030			1,419.05	1,419.05	
05/01/2031	8,253	3.500%	1,419.05	9,672.05	11,091.10
11/01/2031			1,274.62	1,274.62	
05/01/2032	8,542	3.590%	1,274.62	9,816.62	11,091.24
11/01/2032			1,121.29	1,121.29	
05/01/2033	8,849	3.680%	1,121.29	9,970.29	11,091.58
11/01/2033			958.47	958.47	
05/01/2034	9,174	3.750%	958.47	10,132.47	11,090.94
11/01/2034			786.46	786.46	
05/01/2035	9,518	3.820%	786.46	10,304.46	11,090.92
11/01/2035			604.66	604.66	
05/01/2036	9,882	3.870%	604.66	10,486.66	11,091.32
11/01/2036			413.45	413.45	
05/01/2037	10,264	3.930%	413.45	10,677.45	11,090.90
11/01/2037			211.76	211.76	
05/01/2038	10,668	3.970%	211.76	10,879.76	11,091.52
	175,982		78,683.03	254,665.03	254,665.03

DETAILED BOND DEBT SERVICE

Anthony Water & Sanitation District  
97-06 Refunding

97-06 Loan Component (REF9706)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
11/01/2015			2,567.48	2,567.48	
05/01/2016	8,301	0.400%	2,784.02	11,085.02	13,652.50
11/01/2016			2,767.42	2,767.42	
05/01/2017	8,670	0.690%	2,767.42	11,437.42	14,204.84
11/01/2017			2,737.51	2,737.51	
05/01/2018	8,729	1.110%	2,737.51	11,466.51	14,204.02
11/01/2018			2,689.06	2,689.06	
05/01/2019	8,826	1.430%	2,689.06	11,515.06	14,204.12
11/01/2019			2,625.95	2,625.95	
05/01/2020	8,953	1.660%	2,625.95	11,578.95	14,204.90
11/01/2020			2,551.64	2,551.64	
05/01/2021	9,101	1.880%	2,551.64	11,652.64	14,204.28
11/01/2021			2,466.09	2,466.09	
05/01/2022	9,272	2.160%	2,466.09	11,738.09	14,204.18
11/01/2022			2,365.96	2,365.96	
05/01/2023	9,472	2.310%	2,365.96	11,837.96	14,203.92
11/01/2023			2,256.56	2,256.56	
05/01/2024	9,691	2.440%	2,256.56	11,947.56	14,204.12
11/01/2024			2,138.32	2,138.32	
05/01/2025	9,928	2.530%	2,138.32	12,066.32	14,204.64
11/01/2025			2,012.74	2,012.74	
05/01/2026	10,179	2.760%	2,012.74	12,191.74	14,204.48
11/01/2026			1,872.27	1,872.27	
05/01/2027	10,460	2.980%	1,872.27	12,332.27	14,204.54
11/01/2027			1,716.41	1,716.41	
05/01/2028	10,772	3.150%	1,716.41	12,488.41	14,204.82
11/01/2028			1,546.75	1,546.75	
05/01/2029	11,111	3.280%	1,546.75	12,657.75	14,204.50
11/01/2029			1,364.53	1,364.53	
05/01/2030	11,475	3.380%	1,364.53	12,839.53	14,204.06
11/01/2030			1,170.60	1,170.60	
05/01/2031	11,863	3.500%	1,170.60	13,033.60	14,204.20
11/01/2031			963.00	963.00	
05/01/2032	12,278	3.590%	963.00	13,241.00	14,204.00
11/01/2032			742.61	742.61	
05/01/2033	12,719	3.680%	742.61	13,461.61	14,204.22
11/01/2033			508.58	508.58	
05/01/2034	13,187	3.750%	508.58	13,695.58	14,204.16
11/01/2034			261.33	261.33	
05/01/2035	13,682	3.820%	261.33	13,943.33	14,204.66
	208,669		74,866.16	283,535.16	283,535.16

UNIVERSAL BOND SOLUTION  
 Anthony Water & Sanitation District  
 3272-PP, Series 2015, Refunding & Equipment  
 Universal Bond Solution Component

Period Ending	Proposed Principal	Proposed Debt Service	Existing Debt Service	Total Adj Debt Service	Revenue Constraints	Unused Revenues	Debt Serv Coverage
05/01/2016	45,750	67,975	193,057	261,032	435,097	174,065	166.68324%
05/01/2017	47,782	70,724	193,057	263,780	435,097	171,317	164.94681%
05/01/2018	48,111	70,723	193,057	263,780	435,097	171,317	164.94688%
05/01/2019	48,646	70,724	193,057	263,781	435,097	171,316	164.94655%
05/01/2020	49,342	70,724	193,057	263,781	435,097	171,316	164.94644%
05/01/2021	50,160	70,723	193,057	263,780	435,097	171,317	164.94711%
05/01/2022	51,103	70,723	193,058	263,781	435,097	171,316	164.94649%
05/01/2023	52,207	70,723	193,058	263,781	435,097	171,316	164.94638%
05/01/2024	53,413	70,723	193,058	263,781	435,097	171,316	164.94636%
05/01/2025	53,499	69,506	193,058	262,564	435,097	172,533	165.71109%
05/01/2026	55,224	70,469	193,057	263,526	435,097	171,571	165.10606%
05/01/2027	56,075	70,469	193,057	263,526	435,097	171,571	165.10607%
05/01/2028	31,645	45,098	189,145	234,243	435,097	200,854	185.74565%
05/01/2029	32,641	45,097	189,147	234,244	435,097	200,853	185.74532%
05/01/2030	33,711	45,097	189,146	234,242	435,097	200,855	185.74641%
05/01/2031	34,851	45,097	184,013	229,110	435,097	205,987	189.90725%
05/01/2032	36,070	45,096	184,012	229,108	435,097	205,989	189.90874%
05/01/2033	37,366	45,098	184,012	229,110	435,097	205,987	189.90783%
05/01/2034	38,740	45,096	68,441	113,537	435,097	321,560	383.21883%
05/01/2035	40,193	45,097	56,796	101,893	435,097	333,204	427.01464%
05/01/2036	27,525	30,893	56,796	87,689	435,097	347,408	496.17992%
05/01/2037	28,589	30,892	56,796	87,688	435,097	347,409	496.18671%
05/01/2038	29,713	30,893	56,796	87,689	435,097	347,408	496.18422%
	982,356	1,297,662	3,731,784	5,029,446	10,007,231	4,977,785	

Bond Debt Service						
Anthony Water & Sanitation District						
3272-PP, Series 2015, Refunding & Equipment						
Calendar Year	Month	Principal	Coupon	Interest	Debt Service	Principal Outstanding
2015	July	4,575	0.400%	2,222.53	6,797.53	977781.00
	August	4,575		2,222.53	6,797.53	973206.00
	September	4,575		2,222.53	6,797.53	968631.00
	October	4,575		2,222.53	6,797.53	964056.00
	November	4,575		2,222.53	6,797.53	959481.00
	December	4,575		2,222.53	6,797.53	954906.00
2016	January	4,575	0.690%	2,222.53	6,797.53	950331.00
	February	4,575		2,222.53	6,797.53	945756.00
	March	4,575		2,222.53	6,797.53	941181.00
	April	4,575		2,222.53	6,797.53	936606.00
	May	3,982		1,911.80	5,893.64	932624.17
	June	3,982		1,911.80	5,893.64	928642.33
	July	3,982		1,911.80	5,893.64	924660.50
	August	3,982		1,911.80	5,893.64	920678.67
	September	3,982		1,911.80	5,893.64	916696.83
	October	3,982		1,911.80	5,893.64	912715.00
	November	3,982		1,911.80	5,893.64	908733.17
	December	3,982		1,911.80	5,893.64	904751.33
2017	January	3,982	1.110%	1,911.80	5,893.64	900769.50
	February	3,982		1,911.80	5,893.64	896787.67
	March	3,982		1,911.80	5,893.64	892805.83
	April	3,982		1,911.80	5,893.64	888824.00
	May	4,009		1,884.33	5,893.58	884814.75
	June	4,009		1,884.33	5,893.58	880805.50
	July	4,009		1,884.33	5,893.58	876796.25
	August	4,009		1,884.33	5,893.58	872787.00
2018	September	4,009	1.430%	1,884.33	5,893.58	868777.75
	October	4,009		1,884.33	5,893.58	864768.50
	November	4,009		1,884.33	5,893.58	860759.25
	December	4,009		1,884.33	5,893.58	856750.00
	January	4,009		1,884.33	5,893.58	852740.75
	February	4,009		1,884.33	5,893.58	848731.50
	March	4,009		1,884.33	5,893.58	844722.25
	April	4,009		1,884.33	5,893.58	840713.00
	May	4,054		1,839.82	5,893.66	836659.17
	June	4,054		1,839.82	5,893.66	832605.33
	July	4,054		1,839.82	5,893.66	828551.50
	August	4,054		1,839.82	5,893.66	824497.67
September	4,054	1,839.82	5,893.66	820443.83		
October	4,054	1,839.82	5,893.66	816390.00		



	November	4,054		1,839.82	5,893.66	812336.17
	December	4,054		1,839.82	5,893.66	808282.33
2019	January	4,054		1,839.82	5,893.66	804228.50
	February	4,054		1,839.82	5,893.66	800174.67
	March	4,054		1,839.82	5,893.66	796120.83
	April	4,054		1,839.82	5,893.66	792067.00
	May	4,112	1.660%	1,781.85	5,893.69	787955.17
	June	4,112		1,781.85	5,893.69	783843.33
	July	4,112		1,781.85	5,893.69	779731.50
	August	4,112		1,781.85	5,893.69	775619.67
	September	4,112		1,781.85	5,893.69	771507.83
	October	4,112		1,781.85	5,893.69	767396.00
	November	4,112		1,781.85	5,893.69	763284.17
	December	4,112		1,781.85	5,893.69	759172.33
2020	January	4,112		1,781.85	5,893.69	755060.50
	February	4,112		1,781.85	5,893.69	750948.67
	March	4,112		1,781.85	5,893.69	746836.83
	April	4,112		1,781.85	5,893.69	742725.00
	May	4,180	1.880%	1,713.60	5,893.60	738545.00
	June	4,180		1,713.60	5,893.60	734365.00
	July	4,180		1,713.60	5,893.60	730185.00
	August	4,180		1,713.60	5,893.60	726005.00
	September	4,180		1,713.60	5,893.60	721825.00
	October	4,180		1,713.60	5,893.60	717645.00
	November	4,180		1,713.60	5,893.60	713465.00
	December	4,180		1,713.60	5,893.60	709285.00
2021	January	4,180		1,713.60	5,893.60	705105.00
	February	4,180		1,713.60	5,893.60	700925.00
	March	4,180		1,713.60	5,893.60	696745.00
	April	4,180		1,713.60	5,893.60	692565.00
	May	4,259	2.160%	1,635.01	5,893.60	688306.42
	June	4,259		1,635.01	5,893.60	684047.83
	July	4,259		1,635.01	5,893.60	679789.25
	August	4,259		1,635.01	5,893.60	675530.67
	September	4,259		1,635.01	5,893.60	671272.08
	October	4,259		1,635.01	5,893.60	667013.50
	November	4,259		1,635.01	5,893.60	662754.92
	December	4,259		1,635.01	5,893.60	658496.33
2022	January	4,259		1,635.01	5,893.60	654237.75
	February	4,259		1,635.01	5,893.60	649979.17
	March	4,259		1,635.01	5,893.60	645720.58
	April	4,259		1,635.01	5,893.60	641462.00
	May	4,351	2.310%	1,543.03	5,893.61	637111.42
	June	4,351		1,543.03	5,893.61	632760.83
	July	4,351		1,543.03	5,893.61	628410.25

	August	4,351		1,543.03	5,893.61	624059.67
	September	4,351		1,543.03	5,893.61	619709.08
	October	4,351		1,543.03	5,893.61	615358.50
	November	4,351		1,543.03	5,893.61	611007.92
	December	4,351		1,543.03	5,893.61	606657.33
2023	January	4,351		1,543.03	5,893.61	602306.75
	February	4,351		1,543.03	5,893.61	597956.17
	March	4,351		1,543.03	5,893.61	593605.58
	April	4,351		1,543.03	5,893.61	589255.00
	May	4,451	2.440%	1,442.53	5,893.61	584803.92
	June	4,451		1,442.53	5,893.61	580352.83
	July	4,451		1,442.53	5,893.61	575901.75
	August	4,451		1,442.53	5,893.61	571450.67
	September	4,451		1,442.53	5,893.61	566999.58
	October	4,451		1,442.53	5,893.61	562548.50
	November	4,451		1,442.53	5,893.61	558097.42
	December	4,451		1,442.53	5,893.61	553646.33
2024	January	4,451		1,442.53	5,893.61	549195.25
	February	4,451		1,442.53	5,893.61	544744.17
	March	4,451		1,442.53	5,893.61	540293.08
	April	4,451		1,442.53	5,893.61	535842.00
	May	4,458	1.426%	1,333.92	5,792.17	531383.75
	June	4,458		1,333.92	5,792.17	526925.50
	July	4,458		1,333.92	5,792.17	522467.25
	August	4,458		1,333.92	5,792.17	518009.00
	September	4,458		1,333.92	5,792.17	513550.75
	October	4,458		1,333.92	5,792.17	509092.50
	November	4,458		1,333.92	5,792.17	504634.25
	December	4,458		1,333.92	5,792.17	500176.00
2025	January	4,458		1,333.92	5,792.17	495717.75
	February	4,458		1,333.92	5,792.17	491259.50
	March	4,458		1,333.92	5,792.17	486801.25
	April	4,458		1,333.92	5,792.17	482343.00
	May	4,602	1.540%	1,270.41	5,872.41	477741.00
	June	4,602		1,270.41	5,872.41	473139.00
	July	4,602		1,270.41	5,872.41	468537.00
	August	4,602		1,270.41	5,872.41	463935.00
	September	4,602		1,270.41	5,872.41	459333.00
	October	4,602		1,270.41	5,872.41	454731.00
	November	4,602		1,270.41	5,872.41	450129.00
	December	4,602		1,270.41	5,872.41	445527.00
2026	January	4,602		1,270.41	5,872.41	440925.00
	February	4,602		1,270.41	5,872.41	436323.00
	March	4,602		1,270.41	5,872.41	431721.00
	April	4,602		1,270.41	5,872.41	427119.00

	May	4,673	1.678%	1,199.52	5,872.43	422446.08
	June	4,673		1,199.52	5,872.43	417773.17
	July	4,673		1,199.52	5,872.43	413100.25
	August	4,673		1,199.52	5,872.43	408427.33
	September	4,673		1,199.52	5,872.43	403754.42
	October	4,673		1,199.52	5,872.43	399081.50
	November	4,673		1,199.52	5,872.43	394408.58
	December	4,673		1,199.52	5,872.43	389735.67
2027	January	4,673		1,199.52	5,872.43	385062.75
	February	4,673		1,199.52	5,872.43	380389.83
	March	4,673		1,199.52	5,872.43	375716.92
	April	4,673		1,199.52	5,872.43	371044.00
	May	2,637	3.150%	1,121.09	3,758.18	368406.92
	June	2,637		1,121.09	3,758.18	365769.83
	July	2,637		1,121.09	3,758.18	363132.75
	August	2,637		1,121.09	3,758.18	360495.67
	September	2,637		1,121.09	3,758.18	357858.58
	October	2,637		1,121.09	3,758.18	355221.50
	November	2,637		1,121.09	3,758.18	352584.42
	December	2,637		1,121.09	3,758.18	349947.33
2028	January	2,637		1,121.09	3,758.18	347310.25
	February	2,637		1,121.09	3,758.18	344673.17
	March	2,637		1,121.09	3,758.18	342036.08
	April	2,637		1,121.09	3,758.18	339399.00
	May	2,720	3.280%	1,038.03	3,758.11	336678.92
	June	2,720		1,038.03	3,758.11	333958.83
	July	2,720		1,038.03	3,758.11	331238.75
	August	2,720		1,038.03	3,758.11	328518.67
	September	2,720		1,038.03	3,758.11	325798.58
	October	2,720		1,038.03	3,758.11	323078.50
	November	2,720		1,038.03	3,758.11	320358.42
	December	2,720		1,038.03	3,758.11	317638.33
2029	January	2,720		1,038.03	3,758.11	314918.25
	February	2,720		1,038.03	3,758.11	312198.17
	March	2,720		1,038.03	3,758.11	309478.08
	April	2,720		1,038.03	3,758.11	306758.00
	May	2,809	3.380%	948.81	3,758.06	303948.75
	June	2,809		948.81	3,758.06	301139.50
	July	2,809		948.81	3,758.06	298330.25
	August	2,809		948.81	3,758.06	295521.00
	September	2,809		948.81	3,758.06	292711.75
	October	2,809		948.81	3,758.06	289902.50
	November	2,809		948.81	3,758.06	287093.25
	December	2,809		948.81	3,758.06	284284.00
2030	January	2,809		948.81	3,758.06	281474.75
	February	2,809		948.81	3,758.06	278665.50

	March	2,809		948.81	3,758.06	275856.25
	April	2,809		948.81	3,758.06	273047.00
	May	2,904	3.500%	853.86	3,758.11	270142.75
	June	2,904		853.86	3,758.11	267238.50
	July	2,904		853.86	3,758.11	264334.25
	August	2,904		853.86	3,758.11	261430.00
	September	2,904		853.86	3,758.11	258525.75
	October	2,904		853.86	3,758.11	255621.50
	November	2,904		853.86	3,758.11	252717.25
	December	2,904		853.86	3,758.11	249813.00
2031	January	2,904		853.86	3,758.11	246908.75
	February	2,904		853.86	3,758.11	244004.50
	March	2,904		853.86	3,758.11	241100.25
	April	2,904		853.86	3,758.11	238196.00
	May	3,006	3.590%	752.21	3,758.04	235190.17
	June	3,006		752.21	3,758.04	232184.33
	July	3,006		752.21	3,758.04	229178.50
	August	3,006		752.21	3,758.04	226172.67
	September	3,006		752.21	3,758.04	223166.83
	October	3,006		752.21	3,758.04	220161.00
	November	3,006		752.21	3,758.04	217155.17
	December	3,006		752.21	3,758.04	214149.33
2032	January	3,006		752.21	3,758.04	211143.50
	February	3,006		752.21	3,758.04	208137.67
	March	3,006		752.21	3,758.04	205131.83
	April	3,006		752.21	3,758.04	202126.00
	May	3,114	3.680%	644.30	3,758.13	199012.17
	June	3,114		644.30	3,758.13	195898.33
	July	3,114		644.30	3,758.13	192784.50
	August	3,114		644.30	3,758.13	189670.67
	September	3,114		644.30	3,758.13	186556.83
	October	3,114		644.30	3,758.13	183443.00
	November	3,114		644.30	3,758.13	180329.17
	December	3,114		644.30	3,758.13	177215.33
2033	January	3,114		644.30	3,758.13	174101.50
	February	3,114		644.30	3,758.13	170987.67
	March	3,114		644.30	3,758.13	167873.83
	April	3,114		644.30	3,758.13	164760.00
	May	3,228	3.750%	529.71	3,758.04	161531.67
	June	3,228		529.71	3,758.04	158303.33
	July	3,228		529.71	3,758.04	155075.00
	August	3,228		529.71	3,758.04	151846.67
	September	3,228		529.71	3,758.04	148618.33
	October	3,228		529.71	3,758.04	145390.00
	November	3,228		529.71	3,758.04	142161.67



2034	December	3,228		529.71	3,758.04	138933.33
	January	3,228		529.71	3,758.04	135705.00
	February	3,228		529.71	3,758.04	132476.67
	March	3,228		529.71	3,758.04	129248.33
	April	3,228		529.71	3,758.04	126020.00
2035	May	3,349	3.820%	408.65	3,758.06	122670.58
	June	3,349		408.65	3,758.06	119321.17
	July	3,349		408.65	3,758.06	115971.75
	August	3,349		408.65	3,758.06	112622.33
	September	3,349		408.65	3,758.06	109272.92
	October	3,349		408.65	3,758.06	105923.50
	November	3,349		408.65	3,758.06	102574.08
	December	3,349		408.65	3,758.06	99224.67
	January	3,349		408.65	3,758.06	95875.25
	February	3,349		408.65	3,758.06	92525.83
	March	3,349		408.65	3,758.06	89176.42
	April	3,349		408.65	3,758.06	85827.00
2036	May	2,294	3.870%	280.70	2,574.45	83533.25
	June	2,294		280.70	2,574.45	81239.50
	July	2,294		280.70	2,574.45	78945.75
	August	2,294		280.70	2,574.45	76652.00
	September	2,294		280.70	2,574.45	74358.25
	October	2,294		280.70	2,574.45	72064.50
	November	2,294		280.70	2,574.45	69770.75
	December	2,294		280.70	2,574.45	67477.00
	January	2,294		280.70	2,574.45	65183.25
	February	2,294		280.70	2,574.45	62889.50
	March	2,294		280.70	2,574.45	60595.75
	April	2,294		280.70	2,574.45	58302.00
2037	May	2,382	3.930%	191.93	2,574.35	55919.58
	June	2,382		191.93	2,574.35	53537.17
	July	2,382		191.93	2,574.35	51154.75
	August	2,382		191.93	2,574.35	48772.33
	September	2,382		191.93	2,574.35	46389.92
	October	2,382		191.93	2,574.35	44007.50
	November	2,382		191.93	2,574.35	41625.08
	December	2,382		191.93	2,574.35	39242.67
	January	2,382		191.93	2,574.35	36860.25

	September	2,476	98.30	2,574.38	17332.58
	October	2,476	98.30	2,574.38	14856.50
	November	2,476	98.30	2,574.38	12380.42
	December	2,476	98.30	2,574.38	9904.33
2038	January	2,476	98.30	2,574.38	7428.25
	February	2,476	98.30	2,574.38	4952.17
	March	2,476	98.30	2,574.38	2476.08
	April	2,476	98.30	2,574.38	0.00
		982,356	315,305.92	1,297,661.92	

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**NMFA LOAN**

**SONIC LS REP. PROJECT**

**#3167-CIF**

**\$ 10,000**



**Anthony Water & Sanitation District**  
**ATTN: Loren H. Schoonover – Secretary/Treasurer**  
**P.O. Box 1751**  
**Anthony, NM 88021**

**\$100,000 LOAN/GRANT**

**LOAN# ANTHONY11 (3167-CIF)**  
**Wastewater System Improvements**  
**Closed: 4/10/2015**

Thank you for choosing the New Mexico Finance Authority for your recent Grant/Loan. NMFA would like to provide you with the following information to assist with future program fund disbursements. Any correspondence or if there is a loan portion to this project, payments should be remitted on or before the due date and submitted to:

**By Mail:**

New Mexico Finance Authority  
207 Shelby Street  
Santa Fe, NM 87501

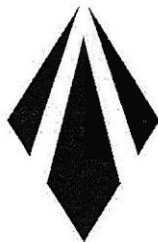
**By Wire:**

Wells Fargo  
NMFA – PPRF Account  
ABA: 121000248  
Account No: 631-10003-73  
Ref: – Colonias Project#

- To access your available project/program funds, a Form of Requisition must be completed. It is located in the back section of your loan agreement. If you cannot locate this form, please contact us so we may send you one.
  - 1) Start with Requisition Number: 1.
  - 2) Name and address of payee.
  - 3) Amount and purpose of payment.
  - 4) Sign, date, and title form by an authorized officer. (**Refer to “Authorized Officers” under Article I Definitions in front of your loan agreement.**)
  - 5) Provide all backup including invoices, wire information, or proof of payments for reimbursements.
  - 6) Fax to 505-213-0433 or e-mail directly to LaRain Valdez at lvaldez@nmfa.net and send original by mail to expedite the drawdown.
  - 7) **The program funds must be drawn down completely within 3 years of the closing date.**
- The State Board of Finance (SBOF) who holds the severance tax bonds for Colonias funding, only accepts draw requests on the 1st and 15<sup>th</sup> of each month. We ask that all draw requests are submitted to NMFA no later than the 10th and 25<sup>th</sup> of each month in order to allow enough time for the NMFA to process/notarize in triplicate all the paper work involved. It usually takes 8-15 days after the 1<sup>st</sup> and 15<sup>th</sup> deadline to receive funds. There is a minimum amount of \$1,500 that



New Mexico  
**FINANCE**



**AUTHORITY**

207 Shelby Street  
Santa Fe, NM 87501

Tel: (505) 984-1454  
Fax: (505) 992-9640

**DEBT SERVICE INVOICE**  
**PAYMENT DATE – 6/1/2015**

**LOAN #ANTHONY 11**  
**CIF-3167**

Anthony WSD  
Attn: Anthony Terrones –Superintendent  
[JTerrones@anthonynewmexico.net](mailto:JTerrones@anthonynewmexico.net)  
PO BOX 1751  
Anthony, NM 88021

Date: May 26, 2015

*Ref: \$100,000 Loan/Grant for Waste Water System Improvement*

**PAYMENT DATE: 6/1/2015**

Principal Due (6/1/2015) \$ 256.00

**BALANCE DUE ON/BEFORE - 6/1/2015 \$ 256.00**

Please remit funds to the following:

**By Mail:**  
New Mexico Finance Authority  
207 Shelby Street  
Santa Fe, NM 87501

**By Wire:**  
Wells Fargo  
NMFA –PPRF Account  
ABA: 121000248  
Account No: 631-10003-73  
Ref: Attn: Lorraine Valdez

Bond Debt Service  
 Anthony Water and Sanitation District  
 3167-CIF-2014- Colonias Final DSS

Period Ending	Principal	Interest	Debt Service	Annual Debt Service
6/1/2015	256		256	256
6/1/2016	513		513	513
6/1/2017	513		513	513
6/1/2018	513		513	513
6/1/2019	513		513	513
6/1/2020	513		513	513
6/1/2021	513		513	513
6/1/2022	513		513	513
6/1/2023	513		513	513
6/1/2024	513		513	513
6/1/2025	513		513	513
6/1/2026	513		513	513
6/1/2027	513		513	513
6/1/2028	513		513	513
6/1/2029	513		513	513
6/1/2030	513		513	513
6/1/2031	512		512	512
6/1/2032	512		512	512
6/1/2033	512		512	512
6/1/2034	513		513	513
	10,000		10,000	10,000

# **APPENDIX M**

## **Reserve Documentation**

Reserve Requirement

	Payments 2014
N/P - RUS BLDG	1398
N/P RUS Effluent Outfall	1743.96
N/P RUS Effluent Outfall	936
N/P RUS Effluent Outfall	10896
N/P- RUS Drink Water	6951.6
BEIF Grant O&M Reserve	11515.34
BEIF Grant R&R Reserve	26924.76
	60365.66

PAID



AWSD  
6/30/2013

Reserve Requirement

Account Description	Acct #	Reserve Required Through	Maximum Required Reserve	Actual Funded Reserve	
N/P - FMHA -RUS	100.00.2600	3/16/2044	121,610.00	121,610.00 ✓	Fully Funded
N/P - WTB #3	100.00.2604	N/A	-	-	No Reserve Required
N/P - RUS BLDG	100.00.2605	4/5/2043	55,920.00	14,213.00 ✓	see note A below
N/P - RUS Effluent Outfall	100.00.2606	6/30/2047	69,760.00	12,644.28 ✓	see note B below
N/P - RUS Effluent Outfall	100.00.2607	7/16/2048	37,440.00	4,602.00	see note C-1 below
N/P - RUS Effluent Outfall	100.00.2607	7/16/2048	108,960.00	53,572.00	see note C-2 below
N/P - WTB #2	100.00.2608	N/A	-	-	No Reserve Required
N/P - RUS Drink Water	100.00.2609	3/7/2052	69,516.00	8,689.50 ✓	see note D-1 below
BEIF Grant O&M Reserve		3/7/2052	36,849.00	25,333.66 ✓	see note D-2 below
BEIF Grant R&R Reserve		3/7/2052	98,724.00	49,362.06 ✓	see note D-3 below
<b>SHORTAGE</b>				<b>(42,216.03)</b>	
<b>TOTAL</b>			<b>598,779.00</b>	<b>247,810.47</b>	
			G/L#1118		

A. M&R Reserve for RUS Building Loan is \$116.50 per month starting 04/05/2003 until max of \$55,920:

	For Year	Accum Bal
FYE 06/2003	233.00	233.00
FYE 06/2004	1,398.00	1,631.00
FYE 06/2005	1,398.00	3,029.00
FYE 06/2006	1,398.00	4,427.00
FYE 06/2007	1,398.00	5,825.00
FYE 06/2008	1,398.00	7,223.00
FYE 06/2009	1,398.00	8,621.00
FYE 06/2010	1,398.00	10,019.00
FYE 06/2011	1,398.00	11,417.00
FYE 06/2012	1,398.00	12,815.00
FYE 06/2013	1,398.00	14,213.00

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B Debt Service for RUS Effluent \$341,000 Loan, \$145.33 per month for 40 yrs starting 04/03/2006:

	For Year	Accum Bal	Max amount \$69,760
FYE 06/2006	436.59	436.59	
FYE 06/2007	1,743.96	2,180.55	
FYE 06/2008	1,743.96	3,924.51	
FYE 06/2009	1,743.96	5,668.47	
FYE 06/2010	1,743.93	7,412.40	
FYE 06/2011	1,743.96	9,156.36	
FYE 06/2012	1,743.96	10,900.32	
FYE 06/2013	1,743.96	12,644.28	

C-1 Debt Service for RUS Effluent \$183,000 Loan \$78.00 per month for 40 yrs starting 08/16/2008:

	For Year	Accum Bal	Max amount \$37,440
FYE 06/2009	858.00	858.00	
FYE 06/2010	936.00	1,794.00	
FYE 06/2011	936.00	2,730.00	
FYE 06/2012	936.00	3,666.00	
FYE 06/2013	936.00	4,602.00	

C-2 Replacement Reserve for RUS Effluent Loans \$908.00 per month for 10 years starting 08/16/2008:

	For Year	Accum Bal	Max amount \$108,960
FYE 06/2009	9,988.00	9,988.00	
FYE 06/2010	10,896.00	20,884.00	
FYE 06/2011	10,896.00	31,780.00	
FYE 06/2012	10,896.00	42,676.00	
FYE 06/2013	10,896.00	53,572.00	

D-1 Replacement Reserve for RUS Drink Water \$579.30 per month for 10 years starting 04/07/2012:

	For Year	Accum Bal	Max amount \$69,516
FYE 06/2012	1,737.90	1,737.90	
FYE 06/2013	6,951.60	8,689.50	

D-2 O&M Reserve for BEIF Drink Water \$1,151.53 per month for 32 months starting 09/10/2011:

	For Year	Accum Bal	Max amount \$36,849
FYE 06/2012	11,515.30	11,515.30	
FYE 06/2013	13,818.36	25,333.66	

D-3 R&R Reserve for BEIF Drink Water \$2,243.73 per month for 44 months starting 09/10/2011:

	For Year	Accum Bal	Max amount \$98,724
FYE 06/2012	22,437.30	22,437.30	
FYE 06/2013	26,924.76	49,362.06	

PAID

# **APPENDIX N**

## **AWSD Work Orders**

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 24844	La Union	CHECK IF METER IS LEAKIN	Account Number	: 00003764
Start Date	: 03/08/2013	CALLE DELPHIA	Job Code : 282	Book Sequence	:
Completion Date	: 03/08/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/08/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24854	JOSE L. CASTILLO JR	REPORTED LEAK	Account Number	: 00003567
Start Date	: 03/12/2013	840 HETTINGA #10	Job Code : 041	Book Sequence	: 2.087
Completion Date	: 03/13/2013	Farmington NM 87401	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/12/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24855	Youth Farm	FIX LEAK	Account Number	: 00003622
Start Date	: 03/12/2013	1590 HWY 478	Job Code : 031	Book Sequence	: 1.0009
Completion Date	: 03/12/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/12/2013				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 24859	ROBERTO BARRERAS	REPORTED LEAK	Account Number	: 00005853
Start Date	: 03/13/2013	1130 LONGORIA (HOUSE)	Job Code : 041	Book Sequence	: 5.0594
Completion Date	: 03/14/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/13/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24867	Antonio & Aide Villalobos	REPORTED LEAK	Account Number	: 90000178
Start Date	: 03/14/2013	1755 DESERT AIRE RD.	Job Code : 041	Book Sequence	: 201.079
Completion Date	: 03/18/2013	CHAPARRAL NM 88081	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/14/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24889	Leon Wosika	REPORTED LEAK	Account Number	: 00003753
Start Date	: 03/20/2013	1151 Webb Road	Job Code : 041	Book Sequence	: 1.0013
Completion Date	: 03/30/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/20/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24894	SUSANA MARTINEZ	REPORTED LEAK	Account Number	: 80000366
Start Date	: 03/22/2013	723 SAN BERNARDO	Job Code : 041	Book Sequence	: 30.0429
Completion Date	: 03/23/2013	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/22/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

<b>Work Order</b>	: 24896	Eduardo & Sofia E Diaz-De Castillo	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00001821		
<b>Start Date</b>	: 03/25/2013	1183 Acequia Linda Road	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 13.0347	
<b>Completion Date</b>	: 04/01/2013	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/25/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25002	ANA CANTU	REPORTED LEAK	<b>Account Number</b>	: 00010784		
<b>Start Date</b>	: 03/27/2013	1175 TIERRA HUICHOL CIR.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 13.0377	
<b>Completion Date</b>	: 04/01/2013	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/27/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25016	Sabina Urbina	REPORTED LEAK	<b>Account Number</b>	: 80000676		
<b>Start Date</b>	: 03/27/2013	411 CEMENTARY	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 30.0757	
<b>Completion Date</b>	: 04/01/2013	Chamberino NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/27/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25063	VERONICA CASTILLO	REPORTED LEAK	<b>Account Number</b>	: 00001979		
<b>Start Date</b>	: 04/04/2013	911 ADAMS ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 5.0046	
<b>Completion Date</b>	: 10/21/2013	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/04/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25084	VERONICA GONZALEZ QUINTANAR	REPORTED LEAK	<b>Account Number</b>	: 00003738		
<b>Start Date</b>	: 04/08/2013	804 LIVESAY ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 3.0365	
<b>Completion Date</b>	: 04/09/2013	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/08/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25099	VERONICA GONZALEZ QUINTANAR	FIX LEAK	<b>Account Number</b>	: 00003738		
<b>Start Date</b>	: 04/09/2013	804 LIVESAY ST.	<b>Job Code</b>	: 031	<b>Book Sequence</b>	: 3.0365	
<b>Completion Date</b>	: 04/15/2013	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/09/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: CHARLES	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25100	Jose Saucedo	FIX LEAK	<b>Account Number</b>	: 00003245		
<b>Start Date</b>	: 04/09/2013	920 LIVESAY ST.	<b>Job Code</b>	: 031	<b>Book Sequence</b>	: 3.046	
<b>Completion Date</b>	: 04/16/2013	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/09/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: CHARLES	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 25136	Merced Martinez	WATER PIPE LINE WAS HIT	Account Number	: 00000107
Start Date	: 04/22/2013	609 ST ANTHONY	Job Code : 233	Book Sequence	: 20.0107
Completion Date	: 04/29/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/22/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25166	Martha Ochoa	LEAK AT METERSITE	Account Number	: 00010585
Start Date	: 04/23/2013	228 FOSSIL	Job Code : 130	Book Sequence	: 10.079
Completion Date	: 04/29/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/23/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25177	Bartolo Dorado	LEAK AT METERSITE	Account Number	: 00010124
Start Date	: 04/25/2013	1722 DEER CIRCLE	Job Code : 130	Book Sequence	: 10.022
Completion Date	: 04/29/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/25/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25214	La Union	METER LEAKING/FIX	Account Number	: 00003764
Start Date	: 04/26/2013	Conejo	Job Code : 079	Book Sequence	:
Completion Date	: 05/02/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/26/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25268	Jose A. Madrid	REPORTED LEAK	Account Number	: 00007120
Start Date	: 05/06/2013	449 DAVIS ST.	Job Code : 041	Book Sequence	: 7.0176
Completion Date	: 05/07/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/06/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25269	Juan & Guadalupe Salas	REPORTED LEAK	Account Number	: 00003290
Start Date	: 05/06/2013	1023 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.052
Completion Date	: 05/07/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/06/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25278	SELENE DE LUNA	REPORTED LEAK	Account Number	: 00002638
Start Date	: 05/07/2013	Desert Willow Sp. 11	Job Code : 041	Book Sequence	: 8.033
Completion Date	: 05/09/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/07/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25289	Jose Antonio Montanez	REPORTED LEAK	Account Number	: 00007365
Start Date	: 05/08/2013	441 RAMSEY ST.	Job Code : 041	Book Sequence	: 7.0444
Completion Date	: 05/08/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/08/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

<b>Work Order</b>	: 25290	David Guzman Garcia	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00002753		
<b>Start Date</b>	: 05/08/2013	509 SAINT ANTHONY ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 2.0425	
<b>Completion Date</b>	: 05/10/2013	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/08/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25346	LORENZO S HEREDIA	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00003198		
<b>Start Date</b>	: 05/16/2013	719 MADISON ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 5.0128	
<b>Completion Date</b>	: 05/20/2013	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/16/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25348	Rodrigo Miranda	REPORTED LEAK	<b>Account Number</b>	: 00006208		
<b>Start Date</b>	: 05/17/2013	1200 LIVESAY ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 6.0484	
<b>Completion Date</b>	: 05/20/2013	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/17/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25355	Leonel Vega	REPORTED LEAK	<b>Account Number</b>	: 00003642		
<b>Start Date</b>	: 05/20/2013	802 B CLARK	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 5.0267	
<b>Completion Date</b>	: 05/20/2013	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/20/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25361	Francisco M. Morales	REPORTED LEAK	<b>Account Number</b>	: 00001860		
<b>Start Date</b>	: 05/22/2013	716 N. FIRST ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0823	
<b>Completion Date</b>	: 05/30/2013	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/22/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25547	Luis E. Castaneda	LEAK AT METERSITE	<b>Account Number</b>	: 80000091		
<b>Start Date</b>	: 06/11/2013	509 MEDINA	<b>Job Code</b>	: 130	<b>Book Sequence</b>	: 30.044	
<b>Completion Date</b>	: 06/13/2013	Chamberino NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 06/11/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 25579	Julio Torres	REPORTED LEAK	<b>Account Number</b>	: 00002202		
<b>Start Date</b>	: 06/19/2013	108 ELM STREET	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0769	
<b>Completion Date</b>	: 06/20/2013	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 06/19/2013						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 25582	Irene De Santos	FIX LEAK	Account Number	: 00010580
Start Date	: 06/20/2013	217 FOSSIL	Job Code : 031	Book Sequence	: 10.076
Completion Date	: 06/24/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/20/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25592	Daniel B Alvarez	FIX LEAK	Account Number	: 00003190
Start Date	: 06/26/2013	813 STATELINE RD.	Job Code : 031	Book Sequence	: 3.0385
Completion Date	: 06/27/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/26/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25704	GRISELDA AROZ	LEAK AT METERSITE	Account Number	: 00003724
Start Date	: 06/28/2013	456 ARCHER ST	Job Code : 130	Book Sequence	: 7.0664
Completion Date	: 07/02/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/28/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25723	Jaime & Maria Favela	FIX LEAK	Account Number	: 00008175
Start Date	: 07/01/2013	6 N. Espiga Place	Job Code : 031	Book Sequence	: 8.012
Completion Date	: 07/02/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/01/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25796	Youth Farm	FIX LEAK	Account Number	: 00003622
Start Date	: 07/15/2013	1590 HWY 478	Job Code : 031	Book Sequence	: 1.0009
Completion Date	: 07/15/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/15/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25816	ALBERTO HEREDIA	REPORTED LEAK	Account Number	: 00002883
Start Date	: 07/19/2013	840 HETTINGA APT #14	Job Code : 041	Book Sequence	: 2.075
Completion Date	: 08/01/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/19/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25819	Braulio Jr & Dona Vera	LEAK AT METERSITE	Account Number	: 00255128
Start Date	: 07/23/2013	1739 BUCK STREET	Job Code : 130	Book Sequence	: 10.042
Completion Date	: 08/01/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/23/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25835	La Union	FIX LEAK	Account Number	: 00003764
Start Date	: 07/26/2013	Conejo	Job Code : 031	Book Sequence	:
Completion Date	: 08/22/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/26/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

Work Order Report  
Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 25836	Rosa Isela Ortiz	REPORTED LEAK	Account Number	: 00005465
Start Date	: 07/27/2013	908 POLK ST.	Job Code : 041	Book Sequence	: 5.0446
Completion Date	: 10/21/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/27/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25939	Rito Sanchez	REPORTED LEAK	Account Number	: 00007465
Start Date	: 08/01/2013	469 ARCHER ST.	Job Code : 041	Book Sequence	: 7.0612
Completion Date	: 08/01/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/01/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25941	Francisca Saenz	FIX LEAK	Account Number	: 00003275
Start Date	: 08/02/2013	1008 LIVESAY ST.	Job Code : 031	Book Sequence	: 3.0495
Completion Date	: 08/05/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/02/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25990	Hector R. Cadena	REPORTED LEAK	Account Number	: 00003210
Start Date	: 08/12/2013	905 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.041
Completion Date	: 08/13/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/12/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25991	Rodrigo Miranda	REPORTED LEAK	Account Number	: 00006208
Start Date	: 08/12/2013	1200 LIVESAY ST.	Job Code : 041	Book Sequence	: 6.0484
Completion Date	: 08/13/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/12/2013				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 25993	Maria Elena Bueno	REPORTED LEAK	Account Number	: 00008830
Start Date	: 08/12/2013	701 LINDA LEDESMA RD.	Job Code : 041	Book Sequence	: 8.0905
Completion Date	: 08/15/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/12/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 25994	ROSALIO MORALES	REPORTED LEAK	Account Number	: 00000117
Start Date	: 08/12/2013	1301 LIVESAY	Job Code : 041	Book Sequence	: 6.0284
Completion Date	: 08/13/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/12/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26001	JAMES SCOTT	METER LEAKING/FIX	Account Number	: 00001439
Start Date	: 08/13/2013	1258 ONATE RD.	Job Code : 079	Book Sequence	: 13.0065
Completion Date	: 08/29/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/13/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 26006	Metalbilt Inc.	LEAK AT METERSITE	Account Number	: 00100036
Start Date	: 08/14/2013	HWY 478 (HYDRANT)	Job Code : 130	Book Sequence	: 12.0044
Completion Date	: 08/16/2013	EI Paso TX 79996	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/14/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26063	Michael Traver	REPORTED LEAK	Account Number	: 00003566
Start Date	: 08/24/2013	718 DUFFER LANE	Job Code : 041	Book Sequence	: 1.056
Completion Date	: 08/28/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/24/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26189	Sandra Patricia Carrillo	FIX LEAK	Account Number	: 00008162
Start Date	: 08/28/2013	20 PULASKI RD.	Job Code : 031	Book Sequence	: 8.018
Completion Date	: 10/15/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/28/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26216	Francisco & Valerie Contreras	REPORTED LEAK	Account Number	: 00010708
Start Date	: 09/03/2013	197 WHISPERING DOVE	Job Code : 041	Book Sequence	: 1.0167
Completion Date	: 10/15/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/03/2013				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 26226	Ramon Contreras	REPORTED LEAK	Account Number	: 00004255
Start Date	: 09/05/2013	1027 CHURCH ST.	Job Code : 041	Book Sequence	: 4.033
Completion Date	: 10/21/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/05/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26233	RUBEN SOLIS	REPORTED LEAK	Account Number	: 00000315
Start Date	: 09/06/2013	821 GOLF COURSE RD.	Job Code : 041	Book Sequence	: 13.0102
Completion Date	: 09/09/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/06/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26251	Jesus Del Real Salguero	METER LEAKING/FIX	Account Number	: 00003693
Start Date	: 09/11/2013	1261 LINCOLN ST	Job Code : 079	Book Sequence	: 6.0798
Completion Date	: 09/11/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/11/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26259	JAMES SCOTT	LEAK AT METERSITE	Account Number	: 00001439
Start Date	: 09/16/2013	1258 ONATE RD.	Job Code : 130	Book Sequence	: 13.0065
Completion Date	: 09/24/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/16/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 26264	La Union	PLEASE FIX LINE BREAK	Account Number	: 00003764
Start Date	: 09/18/2013	Sentenario	Job Code : 028	Book Sequence	:
Completion Date	: 10/10/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/18/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26286	RAUL & MARIA MAGALLANES	LEAK AT METERSITE	Account Number	: 00010787
Start Date	: 09/19/2013	625 ACOSTA APT#07	Job Code : 130	Book Sequence	: 11.0248
Completion Date	: 09/24/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/19/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26290	RAUL & MARIA MAGALLANES	LEAK AT METERSITE	Account Number	: 00010787
Start Date	: 09/21/2013	625 ACOSTA APT#07	Job Code : 130	Book Sequence	: 11.0248
Completion Date	: 09/24/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/21/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26293	La Union	FIX LEAK	Account Number	: 00003764
Start Date	: 09/23/2013	Visnaga	Job Code : 031	Book Sequence	:
Completion Date	: 09/24/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/23/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26297	La Union	FIX LEAK	Account Number	: 00003764
Start Date	: 09/23/2013	Sentenario	Job Code : 031	Book Sequence	:
Completion Date	: 10/09/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/23/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26322	La Union	Fire Hydrant Leaking	Account Number	: 00003764
Start Date	: 09/27/2013	CALLE DELPHIA	Job Code : 156	Book Sequence	:
Completion Date	: 10/15/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/27/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26473	ANDRES BORUNDA & AURORA MARTINEZ	REPORTED LEAK	Account Number	: 00003299
Start Date	: 10/15/2013	1614 MERCURE CT.	Job Code : 041	Book Sequence	: 8.0625
Completion Date	: 10/17/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/15/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26483	La Union	REPORTED LEAK	Account Number	: 00003764
Start Date	: 10/16/2013	Calle Pequena	Job Code : 041	Book Sequence	:
Completion Date	: 10/18/2013	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/16/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 26491	DIANA H CARRERA	Fire Hydrant Leaking	Account Number	: 00002542
Start Date	: 10/18/2013	23 E. MILLER ST.	Job Code : 156	Book Sequence	: 2.0022
Completion Date	: 10/31/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/18/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26510	ALBERTO PANDO JR	FIX LEAK	Account Number	: 00002409
Start Date	: 10/24/2013	6 PULASKI WAY	Job Code : 031	Book Sequence	: 8.019
Completion Date	: 10/31/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/24/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26725	Certified Sand Co., Inc.	Fire Hydrant Leaking	Account Number	: 00100026
Start Date	: 11/05/2013	117 O'HARA	Job Code : 156	Book Sequence	: 12.0057
Completion Date	: 11/08/2013	Las Cruces NM 88004	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/05/2013				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 26749	Maria Norma Torres	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00006095
Start Date	: 11/07/2013	435 MCDONALD ST.	Job Code : 030	Book Sequence	: 6.0028
Completion Date	: 11/18/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/07/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26751	SOFIA MARTINEZ	WATER PIPE LINE WAS HIT	Account Number	: 00005137
Start Date	: 11/08/2013	850 MONTANA VISTA #C-3	Job Code : 233	Book Sequence	: 8.0485
Completion Date	: 11/18/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/08/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26766	Pablo M. Sanchez	WATER LINE LEAKING FIX	Account Number	: 00007303
Start Date	: 11/13/2013	462 DAVIS STREET	Job Code : 075	Book Sequence	: 7.0376
Completion Date	: 11/18/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/13/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26779	Pam Holguin	REPORTED LEAK	Account Number	: 00002720
Start Date	: 11/18/2013	720 N. FOURTH ST.	Job Code : 041	Book Sequence	: 2.094
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/18/2013				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 26782	Ramon Uranga	FIX LEAK	Account Number	: 00001305
Start Date	: 11/18/2013	304 GANNETT	Job Code : 031	Book Sequence	: 1.0286
Completion Date	: 11/20/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/18/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26783	Salvador Terrazas	LEAK AT METERSITE	Account Number	: 00000309
Start Date	: 11/18/2013	845 GOLF COURSE RD.	Job Code : 130	Book Sequence	: 13.0114
Completion Date	: 12/06/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/18/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26792	Celia G. Granados	REPORTED LEAK	Account Number	: 00000943
Start Date	: 11/21/2013	199 WHISPERING DOVE	Job Code : 041	Book Sequence	: 1.017
Completion Date	: 11/21/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/21/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26842	JOSE L ARMENTA	REPORTED LEAK	Account Number	: 00002773
Start Date	: 12/02/2013	244 WEST MILLER STREET	Job Code : 041	Book Sequence	: 1.0139
Completion Date	: 12/03/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/02/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26846	JOSE L ARMENTA	METER LEAKING/FIX	Account Number	: 00002773
Start Date	: 12/02/2013	244 WEST MILLER STREET	Job Code : 079	Book Sequence	: 1.0139
Completion Date	: 12/03/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/02/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26847	Ramon & Rosa Armendariz	Fire Hydrant Leaking	Account Number	: 00106775
Start Date	: 12/02/2013	1224 CHURCH ST	Job Code : 156	Book Sequence	: 6.0856
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/02/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26889	Jose Santiago Romero	LEAK AT METERSITE	Account Number	: 00006910
Start Date	: 12/03/2013	1740 CHURCH ST.	Job Code : 130	Book Sequence	: 6.0966
Completion Date	: 12/10/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/03/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26932	Juan & Guadalupe Salas	REPORTED LEAK	Account Number	: 00003295
Start Date	: 12/06/2013	1021 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.0525
Completion Date	: 12/10/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/06/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 26937	ANA MARIA HERNANDEZ	REPORTED LEAK	Account Number	: 00003676
Start Date	: 12/09/2013	800 2 POLK	Job Code : 041	Book Sequence	: 5.0409
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/09/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26944	Maria Lerma	LEAK AT METERSITE	Account Number	: 00006740
Start Date	: 12/10/2013	300 RUTH	Job Code : 130	Book Sequence	: 6.0824
Completion Date	: 12/11/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/10/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 26946	Laura P. Martinez	LEAK AT METERSITE	Account Number	: 00010642
Start Date	: 12/10/2013	1425 OLD FIELD CIRCLE	Job Code : 130	Book Sequence	: 11.0078
Completion Date	: 12/11/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/10/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27005	Bill Miranda	CHECK IF METER IS LEAKIN	Account Number	: 90000174
Start Date	: 12/13/2013	2815 GREEN TREE LOOP	Job Code : 282	Book Sequence	: 201.0315
Completion Date	: 12/13/2013	CHAPARRAL NM 88081	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/13/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27016	Estella Vasquez	LEAK AT METERSITE	Account Number	: 00008795
Start Date	: 12/17/2013	800 JOHN HINKLEY RD.	Job Code : 130	Book Sequence	: 8.087
Completion Date	: 12/18/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/17/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27035	Andres Soriano	REPORTED LEAK	Account Number	: 00006070
Start Date	: 12/19/2013	431 MCDONALD ST.	Job Code : 041	Book Sequence	: 6.002
Completion Date	: 12/24/2013	Chamberino NM 88027	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/19/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27049	Martin Oscar	LEAK AT METERSITE	Account Number	: 00000301
Start Date	: 12/24/2013	840 GOLF COURSE RD.	Job Code : 130	Book Sequence	: 13.013
Completion Date	: 12/27/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/24/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27061	Juan & Maria Renteria	LEAK AT METERSITE	Account Number	: 00000679
Start Date	: 12/28/2013	1176 TIERRA HUICHOL CIR.	Job Code : 130	Book Sequence	: 13.0422
Completion Date	: 12/30/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/28/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 27066	ALEJANDRO LOPEZ	REPORTED LEAK	Account Number	: 00003946		
Start Date	: 12/30/2013	1520 ACOSTA RD. TRAILER A	Job Code	: 041	Book Sequence	: 5.0688	
Completion Date	: 01/07/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/30/2013						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 27078	Jolene Herring & Lucia Ochoa	REPORTED LEAK	Account Number	: 00251954		
Start Date	: 01/02/2014	702 LIVESAY	Job Code	: 041	Book Sequence	: 3.0342	
Completion Date	: 01/02/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/02/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 27081	JOSE ABEL AGUIRRE	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00099950		
Start Date	: 01/02/2014	711 LINCOLN STREET	Job Code	: 030	Book Sequence	: 3.022	
Completion Date	: 01/02/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/02/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 27125	Rodrigo Miranda	REPORTED LEAK	Account Number	: 00006208		
Start Date	: 01/09/2014	1200 LIVESAY ST.	Job Code	: 041	Book Sequence	: 6.0484	
Completion Date	: 03/06/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/09/2014						
Total Price	: 0.00	Assigned To	: ROBERT	Locked By	:	Total Cost	: 0.00
Work Order	: 27130	Tom Rollag	REPORTED LEAK	Account Number	: 00001185		
Start Date	: 01/10/2014	200 WHISPERING DOVE	Job Code	: 041	Book Sequence	: 1.0168	
Completion Date	: 01/15/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/10/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 27136	MARIA CECILIA M. BOBADILLA	LEAK AT METERSITE	Account Number	: 00003932		
Start Date	: 01/10/2014	1806 LIVESAY	Job Code	: 130	Book Sequence	: 6.0376	
Completion Date	: 01/15/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/10/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 27138	Ruben M. Acosta	FIX LEAK	Account Number	: 00005013		
Start Date	: 01/11/2014	1005 ADAMS ST.	Job Code	: 031	Book Sequence	: 5.002	
Completion Date	: 01/14/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/11/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 27140	Juan Arroyo	REPORTED LEAK	Account Number	: 00006140
Start Date	: 01/13/2014	453 MCDONALD ST.	Job Code : 041	Book Sequence	: 6.006
Completion Date	: 01/16/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/13/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27147	Anthony Charter School Usage	REPORTED LEAK	Account Number	: 00002833
Start Date	: 01/15/2014	780 LANDERS RD.	Job Code : 041	Book Sequence	: 13.0161
Completion Date	: 01/16/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/15/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27152	Nancy Arreola	FIX LEAK	Account Number	: 00002658
Start Date	: 01/16/2014	881 BIRDIE DR	Job Code : 031	Book Sequence	: 13.0196
Completion Date	: 01/17/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/16/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27154	Jolene Herring & Lucia Ochoa	REPORTED LEAK	Account Number	: 00251954
Start Date	: 01/16/2014	702 LIVESAY	Job Code : 041	Book Sequence	: 3.0342
Completion Date	: 01/22/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/16/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27156	Roberta Hernandez	REPORTED LEAK	Account Number	: 00003335
Start Date	: 01/17/2014	1117 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.057
Completion Date	: 01/22/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27157	Dona Ana County Sheriff Department	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 00008875
Start Date	: 01/17/2014	865 N. MAIN-SOUTH VALLEY	Job Code : 083	Book Sequence	: 8.0984
Completion Date	: 01/22/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27159	Cal Brandt	REPORTED LEAK	Account Number	: 00001270
Start Date	: 01/17/2014	1129 BOUNDARY ROAD	Job Code : 041	Book Sequence	: 1.0244
Completion Date	: 01/22/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

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Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 27162	XOCHITL TOVAR	REPORTED LEAK	Account Number	: 00001028
Start Date	: 01/21/2014	765 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.0276
Completion Date	: 08/19/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/21/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27261	Maria Banegas	REPORTED LEAK	Account Number	: 80000895
Start Date	: 02/03/2014	315 W PROVENCIO	Job Code : 041	Book Sequence	: 30.0037
Completion Date	: 02/04/2014	Chamberino NM 88027	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27366	Hilda Arriaga	FIX LEAK	Account Number	: 00008715
Start Date	: 02/04/2014	708 LINDA LEDESMA RD.	Job Code : 031	Book Sequence	: 8.079
Completion Date	: 02/04/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/04/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27407	Adrian Guzman	LEAK AT METERSITE	Account Number	: 00010581
Start Date	: 02/10/2014	213 FOSSIL	Job Code : 130	Book Sequence	: 10.0755
Completion Date	: 02/12/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/10/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27501	Javier Escobar	REPORTED LEAK	Account Number	: 00008540
Start Date	: 02/24/2014	1620 MERCURE COURT	Job Code : 041	Book Sequence	: 8.0611
Completion Date	: 03/06/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/24/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27611	Adalberto Mercado	PLEASE FIX LINE BREAK	Account Number	: 00005613
Start Date	: 03/06/2014	1126 LONGORIA RD.	Job Code : 028	Book Sequence	: 5.0596
Completion Date	: 03/10/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/06/2014				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 27616	Arturo S. Rodarte	PLEASE FIX LINE BREAK	Account Number	: 00002319
Start Date	: 03/07/2014	400 MCKINLEY	Job Code : 028	Book Sequence	: 2.0505
Completion Date	: 03/19/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/07/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27642	Juan & Sandra Ochoa	FIX LEAK	Account Number	: 00000314
Start Date	: 03/11/2014	825 GOLF COURSE RD.	Job Code : 031	Book Sequence	: 13.0104
Completion Date	: 03/11/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/11/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

Work Order Report  
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User Name : Diana

Work Order	: 27655	APRIL HERNANDEZ	REPORTED LEAK	Account Number	: 00002323
Start Date	: 03/12/2014	1117 CHURCH ST	Job Code : 041	Book Sequence	: 4.0075
Completion Date	: 03/12/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/12/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27666	Maria Dolores Beasley	FIX LEAK	Account Number	: 00002366
Start Date	: 03/17/2014	565 PUTTER CIRCLE	Job Code : 031	Book Sequence	: 11.0175
Completion Date	: 03/18/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27668	La Union	FIX LEAK	Account Number	: 00003764
Start Date	: 03/17/2014		Job Code : 031	Book Sequence	:
Completion Date	: 06/10/2014		Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27679	Maria Dolores Beasley	FIX LEAK	Account Number	: 00002366
Start Date	: 03/17/2014	565 PUTTER CIRCLE	Job Code : 031	Book Sequence	: 11.0175
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27692	Arturo S. Rodarte	EMERGENCY LINE BREAK	Account Number	: 00002319
Start Date	: 03/18/2014	400 MCKINLEY	Job Code : 132	Book Sequence	: 2.0505
Completion Date	: 03/19/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/18/2014				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 27697	Juan & Guadalupe Salas	LEAK AT METERSITE	Account Number	: 00003295
Start Date	: 03/19/2014	1021 LIVESAY ST.	Job Code : 130	Book Sequence	: 3.0525
Completion Date	: 03/24/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/19/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 27704	Zacarias & Maria Barron	METER LEAKING/FIX	Account Number	: 00010596
Start Date	: 03/22/2014	225 MERIDA	Job Code : 079	Book Sequence	: 10.085
Completion Date	: 03/27/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/22/2014				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

<b>Work Order</b>	: 27762	Maria M Reyes	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00005497		
<b>Start Date</b>	: 03/27/2014	1005 VAN BUREN	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 5.0472	
<b>Completion Date</b>	: 08/19/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/27/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27763	Roman & Laura Estrada	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00003996		
<b>Start Date</b>	: 03/27/2014	200 WHISPERING DOVE	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 1.0168	
<b>Completion Date</b>	: 03/28/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/27/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27805	Demetrio Valdez	REPORTED LEAK	<b>Account Number</b>	: 00003385		
<b>Start Date</b>	: 04/02/2014	1116 LINCOLN ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 3.0645	
<b>Completion Date</b>	: 04/03/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/02/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27828	Javier Escobar	REPORTED LEAK	<b>Account Number</b>	: 00008540		
<b>Start Date</b>	: 04/07/2014	1620 MERCURE COURT	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 8.0611	
<b>Completion Date</b>	: 04/09/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/07/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27849	Porfirio Franco, Jr.	REPORTED LEAK	<b>Account Number</b>	: 00004490		
<b>Start Date</b>	: 04/14/2014	817 GRANT ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 4.067	
<b>Completion Date</b>	: 04/16/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/14/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27850	Isabel Clouser	REPORTED LEAK	<b>Account Number</b>	: 00002715		
<b>Start Date</b>	: 04/14/2014	724 FOURTH ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 2.0935	
<b>Completion Date</b>	: 04/23/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/14/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27863	Salvador P Garcia	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00001951		
<b>Start Date</b>	: 04/16/2014	905 ADAMS	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 4.076	
<b>Completion Date</b>	: 04/17/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/16/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

<b>Work Order</b>	: 27887	Francisca Chacon	REPORTED LEAK	<b>Account Number</b>	: 00003510		
<b>Start Date</b>	: 04/21/2014	814 LINCOLN ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 3.0795	
<b>Completion Date</b>	: 04/21/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/21/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27910	Aurora & Andres Borunda	FIX LEAK	<b>Account Number</b>	: 00003773		
<b>Start Date</b>	: 04/28/2014	1335 DOS LAGOS	<b>Job Code</b>	: 031	<b>Book Sequence</b>	: 1.0581	
<b>Completion Date</b>	: 05/05/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/28/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 27995	Rito Galindo	REPORTED LEAK	<b>Account Number</b>	: 00001215		
<b>Start Date</b>	: 04/30/2014	1127 GREEN MEADOWS	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.02	
<b>Completion Date</b>	: 05/05/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/30/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 28000	Marina Perez	REPORTED LEAK	<b>Account Number</b>	: 00010762		
<b>Start Date</b>	: 05/01/2014	485 TIERRA DE SUENOS	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 11.023	
<b>Completion Date</b>	: 05/05/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/01/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 28026	Jose & Rosalva Belmontes	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00002545		
<b>Start Date</b>	: 05/07/2014	401 MADERO	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 2.068	
<b>Completion Date</b>	: 05/23/2014	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/07/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 28055	RODOLFO MURILLO	FIX LEAK	<b>Account Number</b>	: 00003350		
<b>Start Date</b>	: 05/13/2014	1121 LIVESAY ST.	<b>Job Code</b>	: 031	<b>Book Sequence</b>	: 3.06	
<b>Completion Date</b>	: 05/20/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/13/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 28056	Seferino Montelongo	REPORTED LEAK	<b>Account Number</b>	: 00008500		
<b>Start Date</b>	: 05/14/2014	971 STARLIGHT LANE	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 8.0565	
<b>Completion Date</b>	: 06/10/2014	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 05/14/2014						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 28059	Roberta Hernandez	REPORTED LEAK	Account Number	: 00003335
Start Date	: 05/14/2014	1117 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.057
Completion Date	: 05/20/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/14/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28070	Maria Orozco	REPORTED LEAK	Account Number	: 00006175
Start Date	: 05/16/2014	500 RUTH ST.	Job Code : 041	Book Sequence	: 6.0208
Completion Date	: 05/20/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/16/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28078	Ramon Sierra	LEAK AT METERSITE	Account Number	: 00004528
Start Date	: 05/19/2014	419 CLARK	Job Code : 130	Book Sequence	: 4.071
Completion Date	: 05/21/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/19/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28081	Francisca Chacon	REPORTED LEAK	Account Number	: 00003510
Start Date	: 05/21/2014	814 LINCOLN ST.	Job Code : 041	Book Sequence	: 3.0795
Completion Date	: 05/23/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/21/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28086	DELIA SALAS	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00004990
Start Date	: 05/22/2014	1116 MONROE ST.	Job Code : 030	Book Sequence	: 4.089
Completion Date	: 05/23/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/22/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28178	VERONICA RAMIREZ	FIX LEAK	Account Number	: 00001363
Start Date	: 05/29/2014	2832 ANTHONY DRIVE	Job Code : 031	Book Sequence	: 8.0295
Completion Date	: 06/02/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/29/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28189	JOSE L. CONTRERAS	REPORTED LEAK	Account Number	: 00002148
Start Date	: 05/30/2014	11 HONEYSUCKLE LANE #Sp#16	Job Code : 041	Book Sequence	: 8.0034
Completion Date	: 06/02/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/30/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 28253	APRIL HERNANDEZ	FIX LEAK	Account Number	: 00002323
Start Date	: 06/04/2014	1117 CHURCH ST	Job Code : 031	Book Sequence	: 4.0075
Completion Date	: 06/10/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/04/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28258	La Union	FIX LEAK	Account Number	: 00003764
Start Date	: 06/06/2014	CALLE DELPHIA	Job Code : 031	Book Sequence	:
Completion Date	: 06/26/2014	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/06/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28296	Alte Lic	LEAK AT METERSITE	Account Number	: 00002511
Start Date	: 06/16/2014	1215 ANTHONY DRIVE #G	Job Code : 130	Book Sequence	: 8.0941
Completion Date	: 06/17/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/16/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28329	Jesse Rodriguez	LEAK AT METERSITE	Account Number	: 00003115
Start Date	: 06/21/2014	736 LINCOLN	Job Code : 130	Book Sequence	: 3.025
Completion Date	: 06/25/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/21/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28334	Hector Marquez	REPORTED LEAK	Account Number	: 00004527
Start Date	: 06/24/2014	525 CLARK ST.	Job Code : 041	Book Sequence	: 4.0725
Completion Date	: 06/25/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/24/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28463	YOLANDA VILLAREAL & SANTOS R HERNANDEZ	REPORTED LEAK	Account Number	: 00010669
Start Date	: 07/01/2014	1970 CHURCH ST	Job Code : 041	Book Sequence	: 6.0992
Completion Date	: 07/09/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/01/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28518	Jesus A & Diana Cazares	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00002046
Start Date	: 07/12/2014	644 Casimiro Road	Job Code : 030	Book Sequence	: 13.025
Completion Date	: 07/19/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/12/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 28519	Manuel Castaneda	METER LEAKING/FIX	Account Number	: 00008473
Start Date	: 07/12/2014	2308 LAFEISTE DR.	Job Code : 079	Book Sequence	: 8.0535
Completion Date	: 11/06/2014	ANTHONY NM 88081	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/12/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28529	Hugo & Bianca Almaraz	METER LEAKING/FIX	Account Number	: 00010599
Start Date	: 07/16/2014	231 MERIDA	Job Code : 079	Book Sequence	: 10.0855
Completion Date	: 07/19/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/16/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28543	Jose Contreras	REPORTED LEAK	Account Number	: 00010567
Start Date	: 07/21/2014	201 MERIDA	Job Code : 041	Book Sequence	: 10.083
Completion Date	: 07/22/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/21/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28571	La Union	Possible leak on hydrant	Account Number	: 00003764
Start Date	: 07/25/2014	Calle Pequena	Job Code : 287	Book Sequence	:
Completion Date	: 11/14/2014	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/25/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28577	La Union	Possible leak on hydrant	Account Number	: 00003764
Start Date	: 07/28/2014	ALVAREZ	Job Code : 287	Book Sequence	:
Completion Date	: 11/06/2014	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/28/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28665	La Union	Possible Water Leak	Account Number	: 00003764
Start Date	: 07/29/2014	ALVAREZ	Job Code : 288	Book Sequence	:
Completion Date	: 11/14/2014	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/29/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28692	Joe R. Flores & Annette Bravo	REPORTED LEAK	Account Number	: 00010756
Start Date	: 08/01/2014	430 TIERRA DORADA CIRCLE	Job Code : 041	Book Sequence	: 11.0237
Completion Date	: 08/13/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/01/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28693	GUADALUPE LOPEZ PADILLA	REPORTED LEAK	Account Number	: 00001997
Start Date	: 08/02/2014	305 PIERCE STREET	Job Code : 041	Book Sequence	: 6.0938
Completion Date	: 08/13/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/02/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

Work Order Report  
Detail

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User Name : Diana

Work Order	: 28694	NORMA MARTINEZ & LUCIO ALBIZUREZ	FIX LEAK	Account Number	: 00006385
Start Date	: 08/04/2014	706 MORALES	Job Code : 031	Book Sequence	: 3.0235
Completion Date	: 08/13/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/04/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28748	Anselmo Jr & Rosa E Morales	REPORTED LEAK	Account Number	: 00001295
Start Date	: 08/11/2014	217 LANGFORD AVENUE	Job Code : 041	Book Sequence	: 1.0271
Completion Date	: 08/13/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/11/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28755	Hilario Arredondo	REPORTED LEAK	Account Number	: 00006680
Start Date	: 08/13/2014	1400 LINCOLN ST.	Job Code : 041	Book Sequence	: 6.074
Completion Date	: 08/15/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/13/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28757	Ernestina Z. Morales	REPORTED LEAK	Account Number	: 00003225
Start Date	: 08/13/2014	908 LEE & LIVESAY	Job Code : 041	Book Sequence	: 3.043
Completion Date	: 08/15/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/13/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28774	Loma De Norte	REPORTED LEAK	Account Number	: 00008843
Start Date	: 08/19/2014	1130 4TH ST.	Job Code : 041	Book Sequence	: 8.0948
Completion Date	: 11/06/2014	Lubbock, TX 79408	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/19/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28776	Cimmaron Apartment Phase II	REPORTED LEAK	Account Number	: 00003027
Start Date	: 08/20/2014	825 B FOURTH ST	Job Code : 041	Book Sequence	: 2.0725
Completion Date	: 08/29/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/20/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28790	Loma De Norte	REPORTED LEAK	Account Number	: 00008843
Start Date	: 08/26/2014	1130 4TH ST.	Job Code : 041	Book Sequence	: 8.0948
Completion Date	: 09/06/2014	Lubbock, TX 79408	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/26/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28895	Blas Calzada	REPORTED LEAK	Account Number	: 00010466
Start Date	: 09/02/2014	810 GRANITE	Job Code : 041	Book Sequence	: 10.0565
Completion Date	: 09/06/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/02/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 28914	APRIL HERNANDEZ	REPORTED LEAK	Account Number	: 00002323
Start Date	: 09/08/2014	1117 CHURCH ST	Job Code : 041	Book Sequence	: 4.0075
Completion Date	: 09/09/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/08/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28964	Lorraine Dominguez	REPORTED LEAK	Account Number	: 00001570
Start Date	: 09/19/2014	1310 DOS LAGOS	Job Code : 041	Book Sequence	: 1.0595
Completion Date	: 09/23/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/19/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 28974	LAURA GALLARDO	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00004023
Start Date	: 09/25/2014	955 CHURCH ST.	Job Code : 030	Book Sequence	: 4.0215
Completion Date	: 09/26/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/25/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29019	Pablo Medina	REPORTED LEAK	Account Number	: 00003371
Start Date	: 09/30/2014	211 RUTH	Job Code : 041	Book Sequence	: 3.0625
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/30/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29021	BRENDA MORENO	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 00003893
Start Date	: 10/01/2014	1980 CHURCH ST.	Job Code : 083	Book Sequence	: 6.0994
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/01/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29027	Leonel Vega	REPORTED LEAK	Account Number	: 00003642
Start Date	: 10/02/2014	802 B CLARK	Job Code : 041	Book Sequence	: 5.0267
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/02/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29033	CHRISTINA RAYOS	REPORTED LEAK	Account Number	: 00003653
Start Date	: 10/03/2014	806 (2) LIVESAY	Job Code : 041	Book Sequence	: 3.0366
Completion Date	: 10/07/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/03/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 29037	Heriberto Almaraz	REPORTED LEAK	Account Number	: 00010601
Start Date	: 10/04/2014	243 MERIDA	Job Code : 041	Book Sequence	: 10.0865
Completion Date	: 10/07/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/04/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29038	Priscilla Estrada & Ivan Campos	REPORTED LEAK	Account Number	: 80000904
Start Date	: 10/04/2014	10124 HWY 28	Job Code : 041	Book Sequence	: 30.005
Completion Date	: 10/07/2014	Chamberino NM 88027	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/04/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29046	Tomas & Lorena Olivas	REPORTED LEAK	Account Number	: 00001830
Start Date	: 10/07/2014	728 N MAIN ST	Job Code : 041	Book Sequence	: 1.0799
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/07/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29083	GLADYS CHAVIRA & ABRAHAM CELIS	PLEASE FIX LINE BREAK	Account Number	: 00002151
Start Date	: 10/11/2014	211 REAR RUTH	Job Code : 028	Book Sequence	: 3.063
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/11/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29084	Irma C. Esquivel	REPORTED LEAK	Account Number	: 00005380
Start Date	: 10/14/2014	820 CLARK ST.	Job Code : 041	Book Sequence	: 5.0268
Completion Date	: 11/05/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/14/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29126	MARIA MACIAS	REPORTED LEAK	Account Number	: 00005211
Start Date	: 10/28/2014	1019 MONROE ST	Job Code : 041	Book Sequence	: 5.0212
Completion Date	: 11/05/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/28/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29200	Roberta Hernandez	REPORTED LEAK	Account Number	: 00003335
Start Date	: 11/05/2014	1117 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.057
Completion Date	: 11/13/2014	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/05/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29243	Jaime & Maria Favela	REPORTED LEAK	Account Number	: 00008175
Start Date	: 11/17/2014	6 N. Espiga Place	Job Code : 041	Book Sequence	: 8.012
Completion Date	: 11/18/2014	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/17/2014				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 29252	Miguel Martinez Jr	REPORTED LEAK	Account Number	: 00003714		
Start Date	: 11/19/2014	1107 BOUNDARY ROAD	Job Code	: 041	Book Sequence	: 1.0229	
Completion Date	: 11/21/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/19/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29254	Jose Contreras	REPORTED LEAK	Account Number	: 00010567		
Start Date	: 11/19/2014	201 MERIDA	Job Code	: 041	Book Sequence	: 10.083	
Completion Date	: 11/20/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/19/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29268	ELIZABETH BUENROSTRO	REPORTED LEAK	Account Number	: 00003888		
Start Date	: 11/26/2014	495 TIERRA DORADA	Job Code	: 041	Book Sequence	: 11.0211	
Completion Date	: 12/02/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/26/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29345	Efren Sr Dominguez	REPORTED LEAK	Account Number	: 00001350		
Start Date	: 12/01/2014	1233 MIL ACRES	Job Code	: 041	Book Sequence	: 1.0352	
Completion Date	: 12/02/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/01/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29346	MARIA & CYNTHIA BALDERAS	FIX LEAK	Account Number	: 00003112		
Start Date	: 12/01/2014	800 POLK ST.	Job Code	: 031	Book Sequence	: 5.0408	
Completion Date	: 12/02/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/01/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29355	Guillermo Barajas	REPORTED LEAK	Account Number	: 00002460		
Start Date	: 12/05/2014	424 LOPEZ ST.	Job Code	: 041	Book Sequence	: 2.0595	
Completion Date	: 12/09/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/05/2014						
Total Price	: 0.00	Assigned To	: RYAN	Locked By	:	Total Cost	: 0.00
Work Order	: 29370	CHRISTINA RAYOS	REPORTED LEAK	Account Number	: 00003653		
Start Date	: 12/09/2014	806 (2) LIVESAY	Job Code	: 041	Book Sequence	: 3.0366	
Completion Date	: 12/09/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/09/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29389	First New Mexico Bank	REPORTED LEAK	Account Number	: 00002112		
Start Date	: 12/15/2014	455 LANDERS RD.	Job Code	: 041	Book Sequence	: 8.1	
Completion Date	: 12/18/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/15/2014						
Total Price	: 0.00	Assigned To	: ROBERT	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 29408	La Union	FIX LEAK	Account Number	: 00003764		
Start Date	: 12/19/2014	CALLE DELPHIA	Job Code	: 031	Book Sequence	:	
Completion Date	: 12/19/2014	La Union NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/19/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29416	MARIA D. GARCIA	FIX LEAK	Account Number	: 00002568		
Start Date	: 12/23/2014	1003 VAN BUREN ST.	Job Code	: 031	Book Sequence	: 5.0388	
Completion Date	: 04/09/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/23/2014						
Total Price	: 0.00	Assigned To	: RUBEN	Locked By	:	Total Cost	: 0.00
Work Order	: 29426	PEDRO DE LEON	REPORTED LEAK	Account Number	: 00001445		
Start Date	: 12/30/2014	100 CROSSETT SP. M	Job Code	: 041	Book Sequence	: 1.0358	
Completion Date	: 12/31/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/30/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29428	Belen Vera	REPORTED LEAK	Account Number	: 00006685		
Start Date	: 12/30/2014	1376 LINCOLN ST.	Job Code	: 041	Book Sequence	: 6.0744	
Completion Date	: 12/31/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/30/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29429	Anthony Community Garden	REPORTED LEAK	Account Number	: 00002935		
Start Date	: 12/30/2014	414 B SAINT ANTHONY	Job Code	: 041	Book Sequence	: 2.0563	
Completion Date	: 12/31/2014	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/30/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29430	Cora Ramirez	REPORTED LEAK	Account Number	: 00005338		
Start Date	: 12/30/2014	912 VAN BUREN STREET	Job Code	: 041	Book Sequence	: 5.0306	
Completion Date	: 12/31/2014	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/30/2014						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29471	Jose A. Madrid	FIX LEAK	Account Number	: 00007120		
Start Date	: 01/05/2015	449 DAVIS ST.	Job Code	: 031	Book Sequence	: 7.0176	
Completion Date	: 01/06/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/05/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 29479	Daniel & Patricia Morales	FIX LEAK	Account Number	: 00001302		
Start Date	: 01/07/2015	1325 East Drain Rd	Job Code	: 031	Book Sequence	: 1.0283	
Completion Date	: 01/09/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/07/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 29500	Anselmo & Rosa E Morales, Jr.	REPORTED LEAK	Account Number	: 00005150
Start Date	: 01/12/2015	713 MADISON ST.	Job Code : 041	Book Sequence	: 5.0122
Completion Date	: 01/14/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/12/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29502	Juan & Guadalupe Salas	REPORTED LEAK	Account Number	: 00003295
Start Date	: 01/12/2015	1021 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.0525
Completion Date	: 01/13/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/12/2015				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 29504	Robert & Linda Bizzoco	METER LEAKING/FIX	Account Number	: 00002682
Start Date	: 01/13/2015	205 Willow	Job Code : 079	Book Sequence	: 1.0284
Completion Date	: 02/10/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/13/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29514	Ramon Guzman	REPORTED LEAK	Account Number	: 00006156
Start Date	: 01/14/2015	544 RUTH ST.	Job Code : 041	Book Sequence	: 6.018
Completion Date	: 01/14/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/14/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29527	Robert & Linda Bizzoco	REPORTED LEAK	Account Number	: 00002682
Start Date	: 01/20/2015	205 Willow	Job Code : 041	Book Sequence	: 1.0284
Completion Date	: 02/10/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/20/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29542	Olga O'loane	REPORTED LEAK	Account Number	: 00002843
Start Date	: 01/23/2015	843 GRANITE	Job Code : 041	Book Sequence	: 10.0616
Completion Date	: 02/10/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/23/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29543	ELISA & RENE SANCHEZ	REPORTED LEAK	Account Number	: 00003273
Start Date	: 01/23/2015	1217 MIL ACRES	Job Code : 041	Book Sequence	: 1.0316
Completion Date	: 02/10/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/23/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29646	Ruben & Joshua J Ortega	REPORTED LEAK	Account Number	: 00001217
Start Date	: 02/02/2015	1132 GREEN MEADOWS	Job Code : 041	Book Sequence	: 1.0202
Completion Date	: 02/03/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

Work Order Report  
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Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 29681	Jose L. Briseno	REPORTED LEAK	Account Number	: 00008475
Start Date	: 02/07/2015	911 STARLIGHT RD.	Job Code : 041	Book Sequence	: 8.054
Completion Date	: 02/12/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29702	Ramiro Reyes	REPORTED LEAK	Account Number	: 00004345
Start Date	: 02/12/2015	1005 GRANT ST.	Job Code : 041	Book Sequence	: 4.0495
Completion Date	: 03/10/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/12/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29709	MARIA LUISA MEZA	REPORTED LEAK	Account Number	: 00002101
Start Date	: 02/13/2015	871 RUTH ST.	Job Code : 041	Book Sequence	: 5.0512
Completion Date	: 02/18/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/13/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29751	LUIS ARMANDO ENRIQUEZ	REPORTED LEAK	Account Number	: 00004172
Start Date	: 02/23/2015	1012 B MADISON	Job Code : 041	Book Sequence	: 5.0199
Completion Date	: 02/24/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/23/2015				
Total Price	: 0.00	Assigned To : DANIEL	Locked By :	Total Cost	: 0.00
Work Order	: 29956	RAMON VALENCIA	REPORTED LEAK	Account Number	: 00003227
Start Date	: 03/02/2015	840 HETTINGA APT. #20	Job Code : 041	Book Sequence	: 2.078
Completion Date	: 03/04/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29957	Isela Galvan	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00007043
Start Date	: 03/02/2015	427 TIMBERS ST.	Job Code : 030	Book Sequence	: 7.0024
Completion Date	: 03/04/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 29980	Raul L. Dominguez	EMERGENCY LINE BREAK	Account Number	: 00001789
Start Date	: 03/05/2015	109 W LOPEZ (MOBILE)	Job Code : 132	Book Sequence	: 1.0698
Completion Date	: 03/10/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/05/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

<b>Work Order</b>	: 29985	Richard Gomez	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00001900		
<b>Start Date</b>	: 03/06/2015	617 FIRST ST.	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 1.0853	
<b>Completion Date</b>	: 03/18/2015	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/06/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 29994	LUIS ARMANDO ENRIQUEZ	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00004172		
<b>Start Date</b>	: 03/11/2015	1012 B MADISON	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 5.0199	
<b>Completion Date</b>	: 03/12/2015	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/11/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 30016	SONYA H. CONTRERAS	REPORTED LEAK	<b>Account Number</b>	: 00002480		
<b>Start Date</b>	: 03/16/2015	605 N. FOURTH ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 2.0615	
<b>Completion Date</b>	: 03/18/2015	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/16/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 30034	TANIA & ARTURO OCAMPO	REPORTED LEAK	<b>Account Number</b>	: 00001181		
<b>Start Date</b>	: 03/20/2015	306 MILLER STREET	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 2.0445	
<b>Completion Date</b>	: 03/24/2015	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/20/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 30047	Sergio & Christina Perez	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00010068		
<b>Start Date</b>	: 03/25/2015	1791 DEER CIRCLE	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 10.0125	
<b>Completion Date</b>	: 03/27/2015	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/25/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 30048	Carlos Ramirez	FIX LEAK	<b>Account Number</b>	: 00010259		
<b>Start Date</b>	: 03/25/2015	863 GRANITE	<b>Job Code</b>	: 031	<b>Book Sequence</b>	: 10.064	
<b>Completion Date</b>	: 03/27/2015	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/25/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 30231	FILEMON RIVERA	REPORTED LEAK	<b>Account Number</b>	: 00004084		
<b>Start Date</b>	: 04/17/2015	1120 GRANT STREET	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 4.0375	
<b>Completion Date</b>	: 04/28/2015	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 04/17/2015						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 30235	RAMONA PONCE	FIX LEAK	Account Number	: 00006473
Start Date	: 04/18/2015	24 PULASKI WAY	Job Code : 031	Book Sequence	: 8.0175
Completion Date	: 04/22/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/18/2015				
Total Price	: 0.00	Assigned To : DANIEL	Locked By :	Total Cost	: 0.00
Work Order	: 30245	El Paso RV	REPORTED LEAK	Account Number	: 00003546
Start Date	: 04/20/2015	1415 ANTHONY DRIVE	Job Code : 041	Book Sequence	: 8.0928
Completion Date	: 05/07/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/20/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30246	Elva F Minjarez	REPORTED LEAK	Account Number	: 00007305
Start Date	: 04/21/2015	471 GORMAN ST.	Job Code : 041	Book Sequence	: 7.038
Completion Date	: 04/28/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/21/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30250	Maria Chavez	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00002393
Start Date	: 04/21/2015	128 B SAINT ANTHONY ST.	Job Code : 030	Book Sequence	: 2.0525
Completion Date	: 04/23/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/21/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30258	Oscar Garcia	REPORTED LEAK	Account Number	: 00006157
Start Date	: 04/25/2015	542 RUTH ST.	Job Code : 041	Book Sequence	: 6.0184
Completion Date	: 05/07/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/25/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30366	MARIA M. VILLEGAS	FIX LEAK	Account Number	: 00002076
Start Date	: 04/29/2015	840 HETTINGA APT.#1	Job Code : 031	Book Sequence	: 2.0825
Completion Date	: 07/09/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/29/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30409	Alfredo Mendoza	REPORTED LEAK	Account Number	: 00007155
Start Date	: 05/11/2015	421 DAVIS ST.	Job Code : 041	Book Sequence	: 7.0156
Completion Date	: 07/09/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/11/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 30421	ANTONIO (PEDRO RENE GARCIA) PONCE	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00008906		
Start Date	: 05/14/2015	2868 ANTHONY DR. SP.#55	Job Code	: 030	Book Sequence	: 8.0255	
Completion Date	: 05/15/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/14/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30447	Oscar Garcia	REPORTED LEAK	Account Number	: 00006157		
Start Date	: 05/21/2015	542 RUTH ST.	Job Code	: 041	Book Sequence	: 6.0184	
Completion Date	: 05/26/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/21/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30562	Maria de la Cruz Valdez	REPORTED LEAK	Account Number	: 00006325		
Start Date	: 06/04/2015	1409 LIVESAY ST.	Job Code	: 041	Book Sequence	: 6.0308	
Completion Date	: 07/09/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/04/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30571	Javier Cornejo	REPORTED LEAK	Account Number	: 00003193		
Start Date	: 06/08/2015	816 LIVESAY ST.	Job Code	: 041	Book Sequence	: 3.039	
Completion Date	: 06/08/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/08/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30603	Martin Mendoza	FIX LEAK	Account Number	: 90000056		
Start Date	: 06/11/2015	1089 ENCHANTMENT	Job Code	: 031	Book Sequence	: 201.0655	
Completion Date	: 06/11/2015	CHAPARRAL NM 88081	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/11/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30619	LAURA FLORES	REPORTED LEAK	Account Number	: 00003542		
Start Date	: 06/17/2015	912 LIVESAY (REAR)	Job Code	: 041	Book Sequence	: 3.0435	
Completion Date	: 06/18/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/17/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30627	John Keithly	LEAK AT METERSITE	Account Number	: 00002068		
Start Date	: 06/19/2015	224 N. MAIN ST.	Job Code	: 130	Book Sequence	: 2.0095	
Completion Date	: 06/24/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/19/2015						
Total Price	: 0.00	Assigned To	: RYAN	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 30633	Santos & Maria E Lopez	REPORTED LEAK	Account Number	: 00000069
Start Date	: 06/22/2015	437 GORMAN ST.	Job Code : 041	Book Sequence	: 7.0324
Completion Date	: 06/24/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/22/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30653	Martin Mendoza	METER LEAKING/FIX	Account Number	: 90000056
Start Date	: 06/26/2015	1089 ENCHANTMENT	Job Code : 079	Book Sequence	: 201.0655
Completion Date	: 06/30/2015	CHAPARRAL NM 88081	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/26/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30717	Sergio & Christina Perez	REPORTED LEAK	Account Number	: 00010068
Start Date	: 07/02/2015	1791 DEER CIRCLE	Job Code : 041	Book Sequence	: 10.0125
Completion Date	: 07/02/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30721	Adolfo Chavez	REPORTED LEAK	Account Number	: 00010086
Start Date	: 07/02/2015	1751 DEER CIRCLE	Job Code : 041	Book Sequence	: 10.016
Completion Date	: 07/08/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30725	MARIA A BRAVO	REPORTED LEAK	Account Number	: 00004224
Start Date	: 07/06/2015	120 ANTHONY DR	Job Code : 041	Book Sequence	: 1.0121
Completion Date	: 07/08/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/06/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30735	La Union	CHECK IF METER IS LEAKIN	Account Number	: 00003764
Start Date	: 07/07/2015	ALVAREZ	Job Code : 282	Book Sequence	:
Completion Date	: 11/24/2015	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/07/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30760	Benito Rivas Jr.	REPORTED LEAK	Account Number	: 00001225
Start Date	: 07/16/2015	1120 GREEN MEADOWS	Job Code : 041	Book Sequence	: 1.0211
Completion Date	: 07/21/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/16/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 30774	Manuel Ayala	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00007680		
Start Date	: 07/23/2015	444 MARQUEZ ST.	Job Code	: 030	Book Sequence	: 7.0832	
Completion Date	: 07/29/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 07/23/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30917	VIRGINIA FLORES	REPORTED LEAK	Account Number	: 00001462		
Start Date	: 08/03/2015	1216 HWY 478	Job Code	: 041	Book Sequence	: 1.0152	
Completion Date	: 08/06/2015	Berino NM 88024	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/03/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30924	Dona Ana County Sheriff Department	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00008875		
Start Date	: 08/04/2015	865 N. MAIN-SOUTH VALLEY	Job Code	: 030	Book Sequence	: 8.0984	
Completion Date	: 08/04/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/04/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30945	CANDIE N MENDOZA	REPORTED LEAK	Account Number	: 00002263		
Start Date	: 08/05/2015	11 HONEYSUCKLE LANE #Sp 8	Job Code	: 041	Book Sequence	: 8.0016	
Completion Date	: 08/11/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/05/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30966	Ramon Porras	REPORTED LEAK	Account Number	: 00007040		
Start Date	: 08/12/2015	425 TIMBERS STREET	Job Code	: 041	Book Sequence	: 7.002	
Completion Date	: 08/18/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/12/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30967	Maria Elena Bueno	METER LEAKING/FIX	Account Number	: 00008830		
Start Date	: 08/13/2015	701 LINDA LEDESMA RD.	Job Code	: 079	Book Sequence	: 8.0905	
Completion Date	: 08/25/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/13/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 30978	Eduardo & Sofia E Diaz-De Castillo	REPORTED LEAK	Account Number	: 00001821		
Start Date	: 08/15/2015	1183 Acequia Linda Road	Job Code	: 041	Book Sequence	: 13.0347	
Completion Date	: 08/20/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/15/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 30987	Maria Armendariz	METER LEAKING/FIX	Account Number	: 00004286
Start Date	: 08/18/2015	1122 A ADAMS ST. (FRONT)	Job Code : 079	Book Sequence	: 4.0405
Completion Date	: 08/25/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/18/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30994	FRANCISCO JAVIER ALARCON	FIX LEAK	Account Number	: 00003427
Start Date	: 08/20/2015	2055 ANTHONY DR #1	Job Code : 031	Book Sequence	: 8.043
Completion Date	: 08/25/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/20/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 30997	John Ebbs	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 90001246
Start Date	: 08/24/2015	2160 b HOT PEPPERS	Job Code : 030	Book Sequence	: 201.0304
Completion Date	: 08/24/2015	Anthony NM 88021	Printed : <input type="checkbox"/>	Status	: Closed
Create Date	: 08/24/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31001	Jim Heddleston	REPORTED LEAK	Account Number	: 00001670
Start Date	: 08/24/2015	109 MADERO STREET	Job Code : 041	Book Sequence	: 1.0754
Completion Date	: 08/31/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/24/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31083	Anselmo Jr & Rosa E Morales	REPORTED LEAK	Account Number	: 00001295
Start Date	: 08/31/2015	217 LANGFORD AVENUE	Job Code : 041	Book Sequence	: 1.0271
Completion Date	: 09/08/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/31/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31109	La Union	FIX LEAK	Account Number	: 00003764
Start Date	: 09/04/2015	CALLE DELPHIA	Job Code : 031	Book Sequence	:
Completion Date	: 11/24/2015	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/04/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31148	Ernesto's Mexican Food	REPORTED LEAK	Account Number	: 00001110
Start Date	: 09/15/2015	200 N. MAIN ST.	Job Code : 041	Book Sequence	: 1.0101
Completion Date	: 09/15/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/15/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 31157	Samuel Garcia & Aracely Leal	REPORTED LEAK	Account Number	: 00006925
Start Date	: 09/17/2015	1821 LINCOLN ST.	Job Code : 041	Book Sequence	: 6.0974
Completion Date	: 11/24/2015	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/17/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31165	R.P. Lathi	FIX LEAK	Account Number	: 00008880
Start Date	: 09/22/2015	880 N. MAIN STREET	Job Code : 031	Book Sequence	: 8.0975
Completion Date	: 11/20/2015	Las Cruces NM 88005	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/22/2015				
Total Price	: 0.00	Assigned To : DANIEL	Locked By :	Total Cost	: 0.00
Work Order	: 31176	Colquitt Pecan Farm	REPORTED LEAK	Account Number	: 00003432
Start Date	: 09/29/2015	901 Dairy Farm	Job Code : 041	Book Sequence	: 1.0021
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/29/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31194	Jorge & Maria T. Hernandez	REPORTED LEAK	Account Number	: 00001859
Start Date	: 10/02/2015	1178 Acequia Linda Road	Job Code : 041	Book Sequence	: 13.0234
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31195	La Union	CHECK IF METER IS LEAKIN	Account Number	: 00003764
Start Date	: 10/02/2015	CALLE DELPHIA	Job Code : 282	Book Sequence	:
Completion Date	: 10/05/2015	La Union NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/02/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31256	MANUEL VILLA PEREZ	REPORTED LEAK	Account Number	: 00003683
Start Date	: 10/06/2015	10 ESPIGA PLACE	Job Code : 041	Book Sequence	: 8.0115
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/06/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31265	Javier Herrera	REPORTED LEAK	Account Number	: 00008950
Start Date	: 10/09/2015	451 ACOSTA RD.	Job Code : 041	Book Sequence	: 8.0956
Completion Date	: 11/20/2015	CANUTILLO TX 79835	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/09/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31268	LILIANA M NIETO	REPORTED LEAK	Account Number	: 00004407
Start Date	: 10/09/2015	11 HONEYSUCKLE LANE #Sp#14	Job Code : 041	Book Sequence	: 8.0026
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/09/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 31273	Nohemi Salgado	REPORTED LEAK	Account Number	: 00003312
Start Date	: 10/10/2015	625 ACOSTA APT#04	Job Code : 041	Book Sequence	: 11.0245
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/10/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31276	Javier Herrera	FIX LEAK	Account Number	: 00008950
Start Date	: 10/13/2015	451 ACOSTA RD.	Job Code : 031	Book Sequence	: 8.0956
Completion Date	: 11/20/2015	CANUTILLO TX 79835	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/13/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31277	JESUS DELGADO & PATRICIA CENICEROS GONZALEZ	FIX LEAK	Account Number	: 00010727
Start Date	: 10/13/2015	902 CLARK ST.	Job Code : 031	Book Sequence	: 5.0404
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/13/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31297	Patricia Villalobos	REPORTED LEAK	Account Number	: 00010250
Start Date	: 10/17/2015	1703 BUCK STREET	Job Code : 041	Book Sequence	: 10.045
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/17/2015				
Total Price	: 0.00	Assigned To : DANIEL	Locked By :	Total Cost	: 0.00
Work Order	: 31298	AMY L & TRISHA M DOMINGUEZ	REPORTED LEAK	Account Number	: 00004213
Start Date	: 10/17/2015	1125 LONGORIA (C)	Job Code : 041	Book Sequence	: 5.0582
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/17/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31302	FRANCISCA MENDOZA	REPORTED LEAK	Account Number	: 00001840
Start Date	: 10/19/2015	701 N. FIRST ST.	Job Code : 041	Book Sequence	: 1.0811
Completion Date	: 12/04/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/19/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31315	JEFTE GARAY & ALLYSON C IGALLS	FIX LEAK	Account Number	: 00004466
Start Date	: 10/23/2015	1109 BOUNDARY ROAD	Job Code : 031	Book Sequence	: 1.0232
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/23/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 31403	DELIA G RENDON	REPORTED LEAK	Account Number	: 00004197
Start Date	: 10/27/2015	806 (2) LIVESAY	Job Code : 041	Book Sequence	: 3.0366
Completion Date	: 11/20/2015	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/27/2015				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 31428	Dona Ana County Sheriff Department	FIX LEAK	Account Number	: 00008875		
Start Date	: 11/03/2015	865 N. MAIN-SOUTH VALLEY	Job Code	: 031	Book Sequence	: 8.0984	
Completion Date	: 11/20/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/03/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31431	DALIA LUNA	FIX LEAK	Account Number	: 00003715		
Start Date	: 11/03/2015	1050 LAFEISTE DR.	Job Code	: 031	Book Sequence	: 8.0517	
Completion Date	: 11/20/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/03/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31444	Payless Rent To Own	FIX LEAK	Account Number	: 00002070		
Start Date	: 11/07/2015	1275 ANTHONY DRIVE #suite	Job Code	: 031	Book Sequence	: 8.0933	
Completion Date	: 11/20/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/07/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31452	Alfredo Mendoza	LEAK AT METERSITE	Account Number	: 00007155		
Start Date	: 11/10/2015	421 DAVIS ST.	Job Code	: 130	Book Sequence	: 7.0156	
Completion Date	: 11/20/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/10/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31457	Macedonio & Alonzo Luna	FIX LEAK	Account Number	: 00006895		
Start Date	: 11/12/2015	1535 LINCOLN ST.	Job Code	: 031	Book Sequence	: 6.0954	
Completion Date	: 11/20/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/12/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31492	LAURA FLORES	Possible Water Leak	Account Number	: 00003542		
Start Date	: 11/25/2015	912 LIVESAY (REAR)	Job Code	: 288	Book Sequence	: 3.0435	
Completion Date	: 12/04/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/25/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31493	GUADALUPE MARTINEZ	CHECK IF METER IS LEAKIN	Account Number	: 00004165		
Start Date	: 11/25/2015	980 CHURCH ST.	Job Code	: 282	Book Sequence	: 4.0175	
Completion Date	: 12/04/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/25/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31497	Salomon Bojorquez	CHECK IF METER IS LEAKIN	Account Number	: 00004085		
Start Date	: 11/25/2015	1025 CHURCH ST.	Job Code	: 282	Book Sequence	: 4.0325	
Completion Date	: 12/04/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/25/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:54 PM

User Name : Diana

Work Order	: 31498	MARTHA E TORRES	FIX LEAK	Account Number	: 00004331		
Start Date	: 11/30/2015	711 LINDA LEDESMA RD.	Job Code	: 031	Book Sequence	: 8.088	
Completion Date	: 12/04/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/30/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31504	OLGA P HERRERA & CELSO D GOMEZ	REPORTED LEAK	Account Number	: 00002873		
Start Date	: 11/30/2015	707 RUTH ST	Job Code	: 041	Book Sequence	: 5.0254	
Completion Date	: 12/04/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/30/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31557	MARTHA E TORRES	FIX LEAK	Account Number	: 00004331		
Start Date	: 12/01/2015	711 LINDA LEDESMA RD.	Job Code	: 031	Book Sequence	: 8.088	
Completion Date	: 12/04/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/01/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31573	Sandra Contreras	FIX LEAK	Account Number	: 00008800		
Start Date	: 12/02/2015	801 LINDA LEDESMA RD.	Job Code	: 031	Book Sequence	: 8.0875	
Completion Date	: 12/04/2015	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/02/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31584	Enrique Garibay	METER LEAKING/FIX	Account Number	: 00007050		
Start Date	: 12/04/2015	420 B TIMBERS ST.	Job Code	: 079	Book Sequence	: 7.0116	
Completion Date	: 12/07/2015	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/04/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31587	Joseph Langford	WATER LINE LEAKING FIX	Account Number	: 00001552		
Start Date	: 12/07/2015	1165 ALTA VISTA DR.	Job Code	: 075	Book Sequence	: 201.009	
Completion Date	:	CHAPARRAL NM 88081	Printed	: <input checked="" type="checkbox"/>	Status	: Open	
Create Date	: 12/07/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 31593	Pete Ferraro	WATER LINE LEAKING FIX	Account Number	: 90000184		
Start Date	: 12/08/2015	1035 ALTA VISTA RD.	Job Code	: 075	Book Sequence	: 201.0135	
Completion Date	:	CHAPARRAL NM 88081	Printed	: <input checked="" type="checkbox"/>	Status	: Open	
Create Date	: 12/08/2015						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

Total number of work orders listed : 555

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:52 PM

User Name : Diana

Work Order	: 16973	Victor Aguirre	REPORTED LEAK	Account Number	: 00000923		
Start Date	: 01/07/2010	2750 ANTHONY DR. SP.B	Job Code	: 041	Book Sequence	: 8.0385	
Completion Date	: 01/13/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/07/2010						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00
Work Order	: 16975	Ramon Burciaga	METER LEAKING/FIX	Account Number	: 00002160		
Start Date	: 01/08/2010	116 MILLER & SECOND ST.	Job Code	: 079	Book Sequence	: 2.0216	
Completion Date	: 01/13/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/08/2010						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00
Work Order	: 16983	Salvador & Angelica Davila	REPORTED LEAK	Account Number	: 00010593		
Start Date	: 01/12/2010	218 MERIDA	Job Code	: 041	Book Sequence	: 10.0535	
Completion Date	: 01/15/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/12/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 16987	Elias & Imelda Hernandez	REPORTED LEAK	Account Number	: 00005950		
Start Date	: 01/13/2010	1125 A MONROE ST.	Job Code	: 041	Book Sequence	: 5.0238	
Completion Date	: 01/14/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/13/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 16988	CARL KEITH	REPORTED LEAK	Account Number	: 00002234		
Start Date	: 01/13/2010	700 C CAMINO REAL	Job Code	: 041	Book Sequence	: 1.0687	
Completion Date	: 01/14/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/13/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 16990	Franklin Vista III	FIX LEAK	Account Number	: 00002723		
Start Date	: 01/14/2010	Hettinga Rd./Fourth St.	Job Code	: 031	Book Sequence	: 2.093	
Completion Date	: 01/14/2010	Farmington NM 87401	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/14/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 16991	Cimmarron (BLANCA) Apartments Complex	REPORTED LEAK	Account Number	: 00001033		
Start Date	: 01/14/2010	825 FOURTH	Job Code	: 041	Book Sequence	: 2.0951	
Completion Date	: 01/14/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/14/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 16993	Gillett Insurance	FIX LEAK	Account Number	: 00002066		
Start Date	: 01/15/2010	136 ANTHONY DR	Job Code	: 031	Book Sequence	: 1.0115	
Completion Date	: 01/15/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/15/2010						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

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User Name : Diana

Work Order	: 17026	Rodrigo Miranda	FIX LEAK	Account Number	: 00006208		
Start Date	: 01/21/2010	1200 LIVESAY ST.	Job Code	: 031	Book Sequence	: 6.0484	
Completion Date	: 03/17/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/21/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17117	Village Apartments	REPORTED LEAK	Account Number	: 00002514		
Start Date	: 02/01/2010	801/803 N. Fourth	Job Code	: 041	Book Sequence	:	
Completion Date	: 02/24/2010	Fairacres NM 88033	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/01/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17142	Coordinated Home Health	REPORTED LEAK	Account Number	: 00001635		
Start Date	: 02/01/2010	816 N. MAIN ST.	Job Code	: 041	Book Sequence	: 1.0661	
Completion Date	: 02/04/2010	Las Cruces NM 88005	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/01/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17162	Ramon C. Jimenez	REPORTED LEAK	Account Number	: 00002251		
Start Date	: 02/08/2010	701 ST. ANTHONY	Job Code	: 041	Book Sequence	: 2.0355	
Completion Date	: 02/17/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/08/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17169	Jose Sanchez	REPORTED LEAK	Account Number	: 00010584		
Start Date	: 02/08/2010	225 FOSSIL	Job Code	: 041	Book Sequence	: 10.077	
Completion Date	: 02/10/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/08/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17198	Fernando Rubio	METER LEAKING/FIX	Account Number	: 00007560		
Start Date	: 02/22/2010	423 MARQUEZ ST.	Job Code	: 079	Book Sequence	: 7.0712	
Completion Date	: 02/24/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/22/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17203	Macario Ruiz	METER LEAKING/FIX	Account Number	: 00006853		
Start Date	: 02/24/2010	1465 LINCOLN STREET	Job Code	: 079	Book Sequence	: 6.093	
Completion Date	: 03/01/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/24/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

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User Name : Diana

<b>Work Order</b>	: 17215	ROGELIO QUINONES	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00000725		
<b>Start Date</b>	: 02/25/2010	1011 B VAN BUREN ST.	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 5.049	
<b>Completion Date</b>	: 02/26/2010	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/25/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 17216	Sandra Balrazar Alcantar	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00002133		
<b>Start Date</b>	: 02/25/2010	919 VAN BUREN (REAR)	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 5.0444	
<b>Completion Date</b>	: 02/26/2010	MESQUITE NM 88048	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/25/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 17217	FREDI C HERRERA & AMANDA P JAUREGUI	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00002802		
<b>Start Date</b>	: 02/25/2010	1001 MONROE ST.	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 5.019	
<b>Completion Date</b>	: 02/26/2010	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/25/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 17218	ISKRA Y. MARQUEZ	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00002850		
<b>Start Date</b>	: 02/25/2010	737 A MADISON ST.	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 5.0136	
<b>Completion Date</b>	: 02/26/2010	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/25/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 17224	Aite LLC	VERIFY POSSIBLE CUSTOMER LEAK	<b>Account Number</b>	: 00000594		
<b>Start Date</b>	: 02/26/2010	1215 ANTHONY DR #1	<b>Job Code</b>	: 083	<b>Book Sequence</b>	: 8.0938	
<b>Completion Date</b>	: 06/30/2010	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/26/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: LUIS	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 17307	DIANE HERNANDEZ	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00001408		
<b>Start Date</b>	: 03/11/2010	100 CROSSETT SP. T-18	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 1.0379	
<b>Completion Date</b>	: 03/17/2010	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/11/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 17320	DENISE BARRIOS	REPORTED LEAK	<b>Account Number</b>	: 00002914		
<b>Start Date</b>	: 03/19/2010	11 HONEYSUCKLE LANE #10	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 8.0028	
<b>Completion Date</b>	: 03/29/2010	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 03/19/2010						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

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User Name : Diana

Work Order	: 17330	MARIA G. GUZMAN-RAMIREZ & ANGEL ALEJANDRE	FIX LEAK	Account Number	: 00002634		
Start Date	: 03/24/2010	1216 CHURCH ST.	Job Code	: 031	Book Sequence	: 6.0844	
Completion Date	: 06/30/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 03/24/2010						
Total Price	: 0.00	Assigned To	: RUBEN	Locked By	:	Total Cost	: 0.00
Work Order	: 17479	Miguel Guillen	REPORTED LEAK	Account Number	: 00008415		
Start Date	: 04/22/2010	2075 Shop ANTHONY DR	Job Code	: 041	Book Sequence	: 8.0438	
Completion Date	: 04/26/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/22/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17596	Ramon Contreras	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 00004255		
Start Date	: 05/07/2010	1027 CHURCH ST.	Job Code	: 083	Book Sequence	: 4.033	
Completion Date	: 05/07/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/07/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17605	Antonio R. Padilla	REPORTED LEAK	Account Number	: 00010024		
Start Date	: 05/12/2010	610 STAG COURT	Job Code	: 041	Book Sequence	: 10.0035	
Completion Date	: 05/13/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/12/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17651	Irma M Avila	REPORTED LEAK	Account Number	: 00002447		
Start Date	: 05/24/2010	819 LANDERS RD.	Job Code	: 041	Book Sequence	: 13.0158	
Completion Date	: 05/25/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/24/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17811	Emilia Griego	METER LEAKING/FIX	Account Number	: 00010394		
Start Date	: 06/10/2010	318 MERIDA	Job Code	: 079	Book Sequence	: 10.046	
Completion Date	: 06/30/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/10/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 17837	VICTOR GAMON	REPORTED LEAK	Account Number	: 00002651		
Start Date	: 06/18/2010	995 CHURCH ST.	Job Code	: 041	Book Sequence	: 4.016	
Completion Date	: 10/12/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 06/18/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 17845	Salvador & Selena Garcia	REPORTED LEAK	Account Number	: 00002960
Start Date	: 06/21/2010	625 ACOSTA APT#13	Job Code : 041	Book Sequence	: 11.0254
Completion Date	: 06/22/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/21/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 17846	Emilia Griego	REPORTED LEAK	Account Number	: 00010394
Start Date	: 06/22/2010	318 MERIDA	Job Code : 041	Book Sequence	: 10.046
Completion Date	: 06/23/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/22/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 17851	Dale & Norma D Jones	REPORTED LEAK	Account Number	: 00002512
Start Date	: 06/22/2010	207 CHERT STREET	Job Code : 041	Book Sequence	: 10.066
Completion Date	: 06/23/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/22/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 17899	Reynalda Ramirez	REPORTED LEAK	Account Number	: 00010590
Start Date	: 06/24/2010	284 MERIDA	Job Code : 041	Book Sequence	: 10.048
Completion Date	: 09/02/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/24/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 17918	BOBBIE TAYLOR	LEAK AT METERSITE	Account Number	: 00002570
Start Date	: 06/28/2010	840 HETTINGA #11	Job Code : 130	Book Sequence	: 2.073
Completion Date	: 03/29/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/28/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 17978	Cristina Contreras	METER LEAKING/FIX	Account Number	: 00002787
Start Date	: 07/06/2010	834 BIRDIE DR	Job Code : 079	Book Sequence	: 13.0222
Completion Date	: 07/16/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/06/2010				
Total Price	: 0.00	Assigned To : ON CALL	Locked By :	Total Cost	: 0.00
Work Order	: 17989	MANUEL G & SHEILA A MUNOZ	REPORTED LEAK	Account Number	: 00002698
Start Date	: 07/06/2010	456 TIMBERS	Job Code : 041	Book Sequence	: 7.0092
Completion Date	: 10/12/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/06/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 17990	Eva Rivera	REPORTED LEAK	Account Number	: 00007260
Start Date	: 07/06/2010	439 GORMAN ST.	Job Code : 041	Book Sequence	: 7.0328
Completion Date	: 07/16/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/06/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

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User Name : Diana

Work Order	: 18004	Pilar M. Montoya	REPORTED LEAK	Account Number	: 00000716
Start Date	: 07/07/2010	511 MILL POND CT.	Job Code : 041	Book Sequence	: 11.0012
Completion Date	: 07/09/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/07/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18012	MARIA DEL CARMEN CABALLERO	REPORTED LEAK	Account Number	: 00002525
Start Date	: 07/09/2010	408 MADERO ST	Job Code : 041	Book Sequence	: 2.067
Completion Date	: 07/16/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/09/2010				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 18024	Manuel & Margie Munoz	REPORTED LEAK	Account Number	: 00004580
Start Date	: 07/12/2010	1004 ADAMS	Job Code : 041	Book Sequence	: 4.0775
Completion Date	: 07/12/2010	CANUTILLO TX 79835	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/12/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18032	Ruben Acosta	REPORTED LEAK	Account Number	: 01003450
Start Date	: 07/14/2010	412 MADERO ST.	Job Code : 041	Book Sequence	: 2.064
Completion Date	: 07/14/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/14/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18034	Concha L. Sanchez	FIX LEAK	Account Number	: 00001335
Start Date	: 07/15/2010	1225 MIL ACRES ST.	Job Code : 031	Book Sequence	: 1.0334
Completion Date	: 07/21/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/15/2010				
Total Price	: 0.00	Assigned To : MIKE	Locked By :	Total Cost	: 0.00
Work Order	: 18035	Bobbie Jo Marquez	EMERGENCY LINE BREAK	Account Number	: 00001326
Start Date	: 07/15/2010	1219 B MIL ACRES	Job Code : 132	Book Sequence	: 1.0322
Completion Date	: 07/16/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/15/2010				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 18254	VICTORIA GARCIA	REPORTED LEAK	Account Number	: 00002841
Start Date	: 08/17/2010	201 RED ROCK CT. SP.#2	Job Code : 041	Book Sequence	: 8.0355
Completion Date	: 08/24/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/17/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18285	Manuela Avina	LEAK AT METERSITE	Account Number	: 00006495
Start Date	: 08/24/2010	2030 LINCOLN ST.	Job Code : 130	Book Sequence	: 6.0576
Completion Date	: 08/30/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/24/2010				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00



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User Name : Diana

Work Order	: 18301	LETTY LARA	REPORTED LEAK	Account Number	: 01002360
Start Date	: 08/25/2010	24 HONEYSUCKLE LANE	Job Code : 041	Book Sequence	: 8.0132
Completion Date	: 08/30/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/25/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18325	Ernesto's Mexican Food	REPORTED LEAK	Account Number	: 00001110
Start Date	: 08/30/2010	200 N. MAIN ST.	Job Code : 041	Book Sequence	: 1.0101
Completion Date	: 09/02/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/30/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18371	Eulalio Arredondo & Teresa Herrera	METER LEAKING/FIX	Account Number	: 00001746
Start Date	: 09/01/2010	656 Casimiro Road	Job Code : 079	Book Sequence	: 13.0247
Completion Date	: 09/02/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/01/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18433	PATRICIA CHAVEZ	FIX LEAK	Account Number	: 00003695
Start Date	: 09/20/2010	304 CHARLES & LINCOLN	Job Code : 031	Book Sequence	: 3.0988
Completion Date	: 09/20/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/20/2010				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 18434	CIRILIO F. RODRIGUEZ	FIX LEAK	Account Number	: 00000017
Start Date	: 09/20/2010	420 CHARLES	Job Code : 031	Book Sequence	: 4.0336
Completion Date	: 09/20/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/20/2010				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 18450	JESUS TORRES	REPORTED LEAK	Account Number	: 00000568
Start Date	: 09/23/2010	117 N. MAIN ST.	Job Code : 041	Book Sequence	: 1.0127
Completion Date	: 09/27/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/23/2010				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 18495	RAUL ARAMBULA	FIX LEAK	Account Number	: 00000635
Start Date	: 09/29/2010	805 LIVESAY	Job Code : 031	Book Sequence	: 3.0775
Completion Date	: 09/29/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/29/2010				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 18565	Ernesto's Mexican Food	FIX LEAK	Account Number	: 00001110
Start Date	: 10/06/2010	200 N. MAIN ST.	Job Code : 031	Book Sequence	: 1.0101
Completion Date	: 10/07/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/06/2010				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 18576	Vicente Gonzalez	REPORTED LEAK	Account Number	: 00007083
Start Date	: 10/08/2010	437 TIMBERS STREET	Job Code : 041	Book Sequence	: 7.0048
Completion Date	: 10/19/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/08/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18589	La Rock Liftstation #3	FIX LEAK	Account Number	: 00002933
Start Date	: 10/18/2010	238 LA ROCK	Job Code : 031	Book Sequence	: 1.0057
Completion Date	: 10/26/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/18/2010				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 18590	MANUEL G & SHEILA A MUNOZ	FIX LEAK	Account Number	: 00002698
Start Date	: 10/18/2010	456 TIMBERS	Job Code : 031	Book Sequence	: 7.0092
Completion Date	: 10/19/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/18/2010				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 18594	Juan & Guadalupe Salas	REPORTED LEAK	Account Number	: 00003290
Start Date	: 10/19/2010	1023 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.052
Completion Date	: 12/03/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/19/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18613	Enriqueta Gaytan	REPORTED LEAK	Account Number	: 00008810
Start Date	: 10/22/2010	709 LINDA LEDESMA	Job Code : 041	Book Sequence	: 8.0885
Completion Date	: 11/01/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/22/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18625	Rosa Aguirre	WATER LINE LEAKING FIX	Account Number	: 00008695
Start Date	: 10/27/2010	700 LINDA LEDESMA RD.	Job Code : 075	Book Sequence	: 8.077
Completion Date	: 11/01/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/27/2010				
Total Price	: 0.00	Assigned To : ON CALL	Locked By :	Total Cost	: 0.00
Work Order	: 18696	Kids Kare P.C. Anthony	REPORTED LEAK	Account Number	: 00001774
Start Date	: 11/01/2010	1275 Sp 2- ANTHONY DR	Job Code : 041	Book Sequence	: 8.0936
Completion Date	: 11/12/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/01/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18702	Eulalio Arredondo & Teresa Herrera	REPORTED LEAK	Account Number	: 00001746
Start Date	: 11/03/2010	656 Casimiro Road	Job Code : 041	Book Sequence	: 13.0247
Completion Date	: 11/04/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/03/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 18721	Anselmo Jr & Rosa E Morales	REPORTED LEAK	Account Number	: 00001295		
Start Date	: 11/09/2010	217 LANGFORD AVENUE	Job Code	: 041	Book Sequence	: 1.0271	
Completion Date	: 12/03/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/09/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 18737	Manuela Arreola	FIX LEAK	Account Number	: 00008105		
Start Date	: 11/12/2010	22 ESPIGA PLACE	Job Code	: 031	Book Sequence	: 8.0052	
Completion Date	: 11/15/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/15/2010						
Total Price	: 0.00	Assigned To	: RYAN	Locked By	:	Total Cost	: 0.00
Work Order	: 18745	Village Apartments	FIX LEAK	Account Number	: 00002516		
Start Date	: 11/16/2010	801, 805, & 813 FOURTH	Job Code	: 031	Book Sequence	:	
Completion Date	: 11/18/2010	Fairacres NM 88033	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/16/2010						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00
Work Order	: 18749	Esperanza Nevarez	REPORTED LEAK	Account Number	: 00002396		
Start Date	: 11/16/2010	300 ST. ANTHONY	Job Code	: 041	Book Sequence	: 2.0485	
Completion Date	: 12/03/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/16/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 18783	Ana L Hernandez	LEAK AT METERSITE	Account Number	: 00002336		
Start Date	: 11/24/2010	506 PUTTER CIRCLE	Job Code	: 130	Book Sequence	: 11.0162	
Completion Date	: 02/22/2011	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/23/2010						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00
Work Order	: 18784	CELIA NIETO	REPORTED LEAK	Account Number	: 00005624		
Start Date	: 11/24/2010	1050 B CLARK	Job Code	: 041	Book Sequence	: 5.0538	
Completion Date	: 12/01/2010	La Mesa NM 88044	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/24/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 18788	LIZA CARRASCO & PAUL ABARCA	REPORTED LEAK	Account Number	: 00002759		
Start Date	: 11/27/2010	1927 LINCOLN ST.(TRAILER)	Job Code	: 041	Book Sequence	: 6.0608	
Completion Date	: 12/02/2010	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/27/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00
Work Order	: 18816	Ernestina Z. Morales	REPORTED LEAK	Account Number	: 00003225		
Start Date	: 11/30/2010	908 LEE & LIVESAY	Job Code	: 041	Book Sequence	: 3.043	
Completion Date	: 12/09/2010	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/30/2010						
Total Price	: 0.00	Assigned To	: TONY	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

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User Name : Diana

Work Order	: 18915	Maria Belanger	REPORTED LEAK	Account Number	: 00007030
Start Date	: 12/10/2010	413 TIMBERS ST.	Job Code : 041	Book Sequence	: 7.0017
Completion Date	: 12/13/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/10/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18919	CINTYA CELEDON	FIX LEAK	Account Number	: 00002322
Start Date	: 12/10/2010	100 CROSSETT LANE SP. A	Job Code : 031	Book Sequence	: 1.0496
Completion Date	: 12/14/2010	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/10/2010				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 18928	OLGA P HERRERA & CELSO D GOMEZ	REPORTED LEAK	Account Number	: 00002873
Start Date	: 12/17/2010	426 MCDONALD ST. #2	Job Code : 041	Book Sequence	: 6.012
Completion Date	: 12/22/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/17/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 18941	Juan Falcon	REPORTED LEAK	Account Number	: 00010393
Start Date	: 12/20/2010	261 MERIDA	Job Code : 041	Book Sequence	: 10.087
Completion Date	: 12/28/2010	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/20/2010				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19113	DAVID J HERNANDEZ	REPORTED LEAK	Account Number	: 00002912
Start Date	: 01/14/2011	217 LOS TRAUQUES	Job Code : 041	Book Sequence	: 1.0091
Completion Date	: 02/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19118	Manuel Segura	REPORTED LEAK	Account Number	: 00010163
Start Date	: 01/19/2011	1854 DEER CIRCLE	Job Code : 041	Book Sequence	: 10.03
Completion Date	: 03/18/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/19/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19122	Jose Saucedo	REPORTED LEAK	Account Number	: 00003245
Start Date	: 01/20/2011	920 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.046
Completion Date	: 01/20/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/20/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19138	ENEDINA GUILLEN	REPORTED LEAK	Account Number	: 00002737
Start Date	: 01/25/2011	870 LINCOLN ST.	Job Code : 041	Book Sequence	: 3.084
Completion Date	: 01/27/2011	Las Cruces NM 88001	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/25/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 19274	Daniel Hernandez	REPORTED LEAK	Account Number	: 00003119
Start Date	: 02/03/2011	732 LINCOLN ST.	Job Code : 041	Book Sequence	: 3.0203
Completion Date	: 02/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19276	Carlos Garcia	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00010582
Start Date	: 02/03/2011	229 FOSSIL	Job Code : 030	Book Sequence	: 10.0775
Completion Date	: 02/03/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19277	Irene De Santos	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00010580
Start Date	: 02/03/2011	217 FOSSIL	Job Code : 030	Book Sequence	: 10.076
Completion Date	: 02/03/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19280	JUANITA SEVILLA CHAVIRRA	REPORTED LEAK	Account Number	: 00002169
Start Date	: 02/03/2011	516 N. SECOND ST.	Job Code : 041	Book Sequence	: 2.041
Completion Date	: 02/09/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19287	CLARA DOMINGUEZ	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00002620
Start Date	: 02/03/2011	1867 DEER CIRCLE	Job Code : 030	Book Sequence	: 10.001
Completion Date	: 02/07/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19288	Candelario & Gloria Perez	REPORTED LEAK	Account Number	: 80000786
Start Date	: 02/03/2011	128 B LOPEZ	Job Code : 041	Book Sequence	: 30.0165
Completion Date	: 02/07/2011	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19296	Jose & Elva Montes	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00010772
Start Date	: 02/04/2011	467 TIERRA DORADA CIRCLE	Job Code : 030	Book Sequence	: 11.0203
Completion Date	: 02/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/04/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00



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User Name : Diana

<b>Work Order</b>	: 19304	SONIA LOPEZ HERNANDEZ	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00991820		
<b>Start Date</b>	: 02/04/2011	1250 MCKINLEY	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 6.0772	
<b>Completion Date</b>	: 02/07/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19316	ORLANDO BURCIAGA	REPORTED LEAK	<b>Account Number</b>	: 00002465		
<b>Start Date</b>	: 02/04/2011	402 LOPEZ ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 2.06	
<b>Completion Date</b>	: 02/07/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: RYAN	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19326	Cecilia Ivonne Chavez	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00010632		
<b>Start Date</b>	: 02/04/2011	1468 POND WOODS	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 11.0066	
<b>Completion Date</b>	: 02/07/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19327	Antonio & Lorena Olivas	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00010624		
<b>Start Date</b>	: 02/04/2011	1502 POND WOODS	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 11.0056	
<b>Completion Date</b>	: 02/07/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19328	Anselmo Morales	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00006425		
<b>Start Date</b>	: 02/04/2011	1936 LIVESAY ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 6.0332	
<b>Completion Date</b>	: 02/09/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: CHARLES	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19330	ANGELINA COBOS	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00002885		
<b>Start Date</b>	: 02/04/2011	702 C CHURCH-REAR MOBILE	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 3.0011	
<b>Completion Date</b>	: 02/09/2011	Berino NM 88024	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: ROBERT	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19332	Juan & Linda Rodriguez	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00005721		
<b>Start Date</b>	: 02/04/2011	1116 ACOSTA RD.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 5.06	
<b>Completion Date</b>	: 02/07/2011	Anthony h nm 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

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User Name : Diana

<b>Work Order</b>	: 19333	DIANA O SANTA CRUZ	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 89999703		
<b>Start Date</b>	: 02/04/2011	151 N LOPEZ	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 30.03	
<b>Completion Date</b>	: 02/09/2011	Chamberino NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: RUBEN	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19334	Patricia A Hall	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00001532		
<b>Start Date</b>	: 02/04/2011	726 PUTT ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 1.0603	
<b>Completion Date</b>	: 02/08/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19336	Mara Orantes	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00000662		
<b>Start Date</b>	: 02/04/2011	1121 TIERRA HUICHOL CIR.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 13.0356	
<b>Completion Date</b>	: 02/08/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: ERIC	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19337	Anthony Community Garden	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00002935		
<b>Start Date</b>	: 02/04/2011	414 B SAINT ANTHONY	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 2.0563	
<b>Completion Date</b>	: 02/07/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19338	DAC Facilities & Parks Department D	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00003002		
<b>Start Date</b>	: 02/04/2011	Anthony Ball Park	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 3.0001	
<b>Completion Date</b>	: 02/09/2011	Las Cruces NM 88001	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: LUIS	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19351	Luis A & Jessica Romo Garcilazo	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00002704		
<b>Start Date</b>	: 02/04/2011	1501 LYNN STREET	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 7.0468	
<b>Completion Date</b>	: 02/07/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: ERIC	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 19352	Antonio Lopez	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00010457		
<b>Start Date</b>	: 02/04/2011	839 GRANITE	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 10.061	
<b>Completion Date</b>	: 02/09/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 02/04/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: CHARLES	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 19362	Rosa M. Martinez	REPORTED LEAK	Account Number	: 00000671
Start Date	: 02/05/2011	1113 TIERRA OLUMIES	Job Code : 041	Book Sequence	: 13.0365
Completion Date	: 02/22/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/05/2011				
Total Price	: 0.00	Assigned To : RUBEN	Locked By :	Total Cost	: 0.00
Work Order	: 19369	ANTHONY PEDIATRIC	METER LEAKING/FIX	Account Number	: 00001625
Start Date	: 02/07/2011	1265 ANTHONY DR	Job Code : 079	Book Sequence	: 8.0931
Completion Date	: 02/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19370	Othon Zamaripa & Maria Castillo	METER LEAKING/FIX	Account Number	: 00002949
Start Date	: 02/07/2011	545 PUTTER CIRCLE	Job Code : 079	Book Sequence	: 11.0172
Completion Date	: 03/23/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19374	VICTOR M JR & VERONICA CASTILLO	METER LEAKING/FIX	Account Number	: 00003129
Start Date	: 02/07/2011	800 MAIN	Job Code : 079	Book Sequence	: 1.0664
Completion Date	: 02/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19376	CONSUELO M ROSALES	REPORTED LEAK	Account Number	: 00003041
Start Date	: 02/07/2011	1970 CHURCH ST	Job Code : 041	Book Sequence	: 6.0992
Completion Date	: 02/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19381	ROSA ISELA GONZALEZ	METER LEAKING/FIX	Account Number	: 00000693
Start Date	: 02/07/2011	1243 TIERRA HUICHOL CIR.	Job Code : 079	Book Sequence	: 13.0408
Completion Date	: 02/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19383	Women's Intercultural Center	METER LEAKING/FIX	Account Number	: 00002135
Start Date	: 02/07/2011	303 LINCOLN/316 SECOND	Job Code : 079	Book Sequence	: 2.0183
Completion Date	: 03/25/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19387	SANDRA G HERRERA	REPORTED LEAK	Account Number	: 00001327
Start Date	: 02/07/2011	1219-2 MIL ACRES	Job Code : 041	Book Sequence	: 1.0319
Completion Date	: 02/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : ERIC	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 19390	BLANCA FLOREZ	REPORTED LEAK	Account Number	: 00002881
Start Date	: 02/07/2011	1141 GREEN MEADOWS ROAD	Job Code : 041	Book Sequence	: 1.0197
Completion Date	: 03/18/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : RYAN	Locked By :	Total Cost	: 0.00
Work Order	: 19392	Sebastian Fragoso & Guadalupe Rodarte	METER LEAKING/FIX	Account Number	: 00010714
Start Date	: 02/07/2011	522 PUTTER CIRCLE	Job Code : 079	Book Sequence	: 11.0152
Completion Date	: 02/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19409	SONIA REYNA	REPORTED LEAK	Account Number	: 00001343
Start Date	: 02/08/2011	17 LOS ENCINOS WAY	Job Code : 041	Book Sequence	: 8.041
Completion Date	: 02/22/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/08/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19415	NOEL POSAS	REPORTED LEAK	Account Number	: 00000599
Start Date	: 02/09/2011	469 RAMSEY ST	Job Code : 041	Book Sequence	: 7.0549
Completion Date	: 02/11/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/09/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19424	ISELA M LERMA (HDEZ)	METER LEAKING/FIX	Account Number	: 00003088
Start Date	: 02/10/2011	1226 HWY 478	Job Code : 079	Book Sequence	: 1.0162
Completion Date	: 02/11/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/10/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19436	LIRIO J GONZALEZ	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 80000036
Start Date	: 02/11/2011	112 SAN LUIS	Job Code : 030	Book Sequence	: 30.0227
Completion Date	: 02/22/2011	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/11/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19441	LUZ E. TOVAR	METER LEAKING/FIX	Account Number	: 00003495
Start Date	: 02/12/2011	928 MCKINLEY ST.	Job Code : 079	Book Sequence	: 3.0755
Completion Date	: 02/22/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/12/2011				
Total Price	: 0.00	Assigned To : RYAN	Locked By :	Total Cost	: 0.00

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## Work Order Report

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User Name : Diana

Work Order	: 19445	MARIA T. RODRIGUEZ	REPORTED LEAK	Account Number	: 00005401
Start Date	: 02/14/2011	805 MADISON ST.	Job Code : 041	Book Sequence	: 5.0262
Completion Date	: 02/22/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19446	Cesar H. Irigoyen	REPORTED LEAK	Account Number	: 00006373
Start Date	: 02/14/2011	1780 LIVESAY ST.	Job Code : 041	Book Sequence	: 6.0384
Completion Date	: 02/22/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19447	Enrique & Maria Rivera	REPORTED LEAK	Account Number	: 00006305
Start Date	: 02/14/2011	1401 LIVESAY ST.	Job Code : 041	Book Sequence	: 6.03
Completion Date	: 02/24/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19449	Louie P. Munoz	REPORTED LEAK	Account Number	: 00005235
Start Date	: 02/14/2011	900 MADISON ST.	Job Code : 041	Book Sequence	: 5.0164
Completion Date	: 02/22/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19450	Yolanda Tapia	REPORTED LEAK	Account Number	: 00004105
Start Date	: 02/14/2011	1012 CHURCH	Job Code : 041	Book Sequence	: 4.013
Completion Date	: 12/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19482	Estela Alarcon	REPORTED LEAK	Account Number	: 00010062
Start Date	: 02/24/2011	1805 DEER CIRCLE	Job Code : 041	Book Sequence	: 10.011
Completion Date	: 03/10/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/24/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19488	CELSO RANGEL	METER LEAKING/FIX	Account Number	: 00002869
Start Date	: 02/25/2011	121 B FIRST ST	Job Code : 079	Book Sequence	: 1.0129
Completion Date	: 03/15/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/25/2011				
Total Price	: 0.00	Assigned To : ERIC	Locked By :	Total Cost	: 0.00
Work Order	: 19489	Jesus Partida	REPORTED LEAK	Account Number	: 00010056
Start Date	: 02/26/2011	1821 DEER CIRCLE	Job Code : 041	Book Sequence	: 10.0095
Completion Date	: 02/28/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/26/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00



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User Name : Diana

Work Order	: 19502	ESTELA TOVAR	REPORTED LEAK	Account Number	: 00006348
Start Date	: 02/28/2011	1530 LIVESAY ST.	Job Code : 041	Book Sequence	: 6.04
Completion Date	: 03/03/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/28/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 19503	Noe Molina	LEAK AT METERSITE	Account Number	: 00010465
Start Date	: 02/28/2011	822 GRANITE	Job Code : 130	Book Sequence	: 10.0555
Completion Date	: 03/03/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/28/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 19554	New Mexico Gas Company	LEAK AT METERSITE	Account Number	: 00000595
Start Date	: 02/28/2011	826 N. MAIN STREET	Job Code : 130	Book Sequence	: 1.0655
Completion Date	: 03/03/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/28/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 19608	Alte LLC	LEAK AT METERSITE	Account Number	: 00000594
Start Date	: 03/02/2011	1215 ANTHONY DR #1	Job Code : 130	Book Sequence	: 8.0938
Completion Date	: 03/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/02/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19612	Porter Oil Company	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 00001105
Start Date	: 03/03/2011	217 N. MAIN ST.	Job Code : 083	Book Sequence	: 1.0097
Completion Date	: 03/03/2011	Las Cruces NM 88007	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19613	Elizabeth Madrid	REPORTED LEAK	Account Number	: 00003260
Start Date	: 03/03/2011	124 KALAR	Job Code : 041	Book Sequence	: 3.0485
Completion Date	: 03/10/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19626	Arturo Vaquera	REPORTED LEAK	Account Number	: 00002508
Start Date	: 03/07/2011	1600 LIVESAY	Job Code : 041	Book Sequence	: 6.0388
Completion Date	: 03/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

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User Name : Diana

Work Order	: 19628	Armando R. Anchondo	LEAK AT METERSITE	Account Number	: 00001565
Start Date	: 03/07/2011	1320 DOS LAGOS	Job Code : 130	Book Sequence	: 1.0592
Completion Date	: 03/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/07/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19661	Eusebia B. Sierra	LEAK AT METERSITE	Account Number	: 00007165
Start Date	: 03/14/2011	1425 CHURCH ST.	Job Code : 130	Book Sequence	: 7.0144
Completion Date	: 03/15/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/14/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19679	CARLOS MATA	METER LEAKING/FIX	Account Number	: 00002513
Start Date	: 03/22/2011	1025 B GRANT ST	Job Code : 079	Book Sequence	: 4.0453
Completion Date	: 04/04/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/22/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19844	Estela Alarcon	REPORTED LEAK	Account Number	: 00010062
Start Date	: 04/04/2011	1805 DEER CIRCLE	Job Code : 041	Book Sequence	: 10.011
Completion Date	: 04/07/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/04/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19868	RUBEN SOLIS	METER LEAKING/FIX	Account Number	: 00000315
Start Date	: 04/09/2011	821 GOLF COURSE RD.	Job Code : 079	Book Sequence	: 13.0102
Completion Date	: 04/11/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/09/2011				
Total Price	: 0.00	Assigned To : RYAN	Locked By :	Total Cost	: 0.00
Work Order	: 19911	BLANCA I VELEZ	METER LEAKING/FIX	Account Number	: 00002995
Start Date	: 04/21/2011	963 CLARK	Job Code : 079	Book Sequence	: 5.0398
Completion Date	: 04/25/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/21/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 19913	Monica Venegas	REPORTED LEAK	Account Number	: 00001569
Start Date	: 04/21/2011	980 ACOSTA RD.	Job Code : 041	Book Sequence	: 5.0552
Completion Date	: 04/25/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/21/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 19916	ERIKA ORTIZ	METER LEAKING/FIX	Account Number	: 00006906
Start Date	: 04/25/2011	1800 LINCOLN ST.	Job Code : 079	Book Sequence	: 6.0656
Completion Date	: 04/27/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/25/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

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User Name : Diana

Work Order	: 19930	Carmen Moreno	REPORTED LEAK	Account Number	: 00003270
Start Date	: 04/26/2011	1004 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.049
Completion Date	: 04/27/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/26/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19963	Severiano Flores	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00003020
Start Date	: 04/27/2011	738 CHURCH	Job Code : 030	Book Sequence	: 3.0045
Completion Date	: 04/27/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/27/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 19965	Rosa Maria Gaytan	REPORTED LEAK	Account Number	: 00007140
Start Date	: 04/29/2011	433 DAVIS ST.	Job Code : 041	Book Sequence	: 7.0164
Completion Date	: 05/12/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 04/29/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20028	DANIEL HERNANDEZ, JR.	REPORTED LEAK	Account Number	: 00003121
Start Date	: 05/12/2011	732 B LINCOLN ST.	Job Code : 041	Book Sequence	: 3.0205
Completion Date	: 05/13/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/12/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20079	MARCO A RUIZ	METER LEAKING/FIX	Account Number	: 00003164
Start Date	: 05/25/2011	961 B CLARK ST	Job Code : 079	Book Sequence	: 5.0395
Completion Date	: 05/27/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/25/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20214	CELSO RANGEL	METER LEAKING/FIX	Account Number	: 00002869
Start Date	: 06/20/2011	121 B FIRST ST	Job Code : 079	Book Sequence	: 1.0129
Completion Date	: 09/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/18/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20253	Daniel B Alvarez	REPORTED LEAK	Account Number	: 00003190
Start Date	: 06/24/2011	813 STATELINE RD.	Job Code : 041	Book Sequence	: 3.0385
Completion Date	: 07/01/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/24/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

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User Name : Diana

Work Order	: 20418	Joe R. Flores & Annette Bravo	REPORTED LEAK	Account Number	: 00010756
Start Date	: 07/15/2011	430 TIERRA DORADA CIRCLE	Job Code : 041	Book Sequence	: 11.0237
Completion Date	: 07/19/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/15/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20452	ROSA E MORALES	METER LEAKING/FIX	Account Number	: 00002258
Start Date	: 07/22/2011	901 B HILL ST. (MOBILE)	Job Code : 079	Book Sequence	: 4.0225
Completion Date	: 12/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/22/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20587	Ernesto's Mexican Food	REPORTED LEAK	Account Number	: 00001110
Start Date	: 08/03/2011	200 N. MAIN ST.	Job Code : 041	Book Sequence	: 1.0101
Completion Date	: 08/03/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/03/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20606	Saint Anthony Church (Rectory)	REPORTED LEAK	Account Number	: 00002130
Start Date	: 08/04/2011	200 LINCOLN ST.	Job Code : 041	Book Sequence	: 2.0175
Completion Date	: 08/04/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/04/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20626	Roberta Hernandez	REPORTED LEAK	Account Number	: 00003335
Start Date	: 08/05/2011	1117 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.057
Completion Date	: 12/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/05/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20661	Ramon G & Aurora Jimenez	REPORTED LEAK	Account Number	: 00002173
Start Date	: 08/16/2011	437 DAVIS ST.	Job Code : 041	Book Sequence	: 7.0168
Completion Date	: 12/09/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/16/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20665	Saint Anthony Church	FIX LEAK	Account Number	: 00003031
Start Date	: 08/17/2011	324 MCKINLEY ST.	Job Code : 031	Book Sequence	: 2.05
Completion Date	: 08/17/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/17/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20688	Francisco Sandoval	FIX LEAK	Account Number	: 00006735
Start Date	: 08/22/2011	1200 LINCOLN ST.	Job Code : 031	Book Sequence	: 6.0788
Completion Date	: 08/23/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/22/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00

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User Name : Diana

Work Order	: 20692	Isela Galvan	REPORTED LEAK	Account Number	: 00007043
Start Date	: 08/23/2011	427 TIMBERS ST.	Job Code : 041	Book Sequence	: 7.0024
Completion Date	: 08/25/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/23/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 20815	Robert Sandoval	FIX LEAK	Account Number	: 00004115
Start Date	: 08/30/2011	1009 CHURCH STREET	Job Code : 031	Book Sequence	: 4.0305
Completion Date	: 08/31/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/30/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 20816	Ramon C. Jimenez	FIX LEAK	Account Number	: 00002251
Start Date	: 08/30/2011	701 ST. ANTHONY	Job Code : 031	Book Sequence	: 2.0355
Completion Date	: 09/01/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/30/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 20863	Merced Hernandez	REPORTED LEAK	Account Number	: 00005195
Start Date	: 09/03/2011	817 MONROE ST.	Job Code : 041	Book Sequence	: 5.0152
Completion Date	: 10/03/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/03/2011				
Total Price	: 0.00	Assigned To : ON CALL	Locked By :	Total Cost	: 0.00
Work Order	: 20867	ALEJANDRO ZAMARRON	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 80000751
Start Date	: 09/06/2011	107 B MEDINA	Job Code : 083	Book Sequence	: 30.0306
Completion Date	: 12/09/2011	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/06/2011				
Total Price	: 0.00	Assigned To : RUBEN	Locked By :	Total Cost	: 0.00
Work Order	: 20876	Norma & Mario Olivas	REPORTED LEAK	Account Number	: 00002953
Start Date	: 09/08/2011	1105 TIERRA HUICHOL CIR.	Job Code : 041	Book Sequence	: 13.0353
Completion Date	: 09/10/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/08/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00
Work Order	: 20889	LORENZO S HEREDIA	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00003198
Start Date	: 09/09/2011	719 MADISON ST.	Job Code : 030	Book Sequence	: 5.0128
Completion Date	: 09/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/09/2011				
Total Price	: 0.00	Assigned To : TONY	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:52 PM

User Name : Diana

<b>Work Order</b>	: 20901	JESUS TORRES	REPORTED LEAK	<b>Account Number</b>	: 00000568		
<b>Start Date</b>	: 09/13/2011	117 N. MAIN ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0127	
<b>Completion Date</b>	: 09/13/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 09/13/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 20973	RAMON SALDANA	LEAK AT METERSITE	<b>Account Number</b>	: 00001433		
<b>Start Date</b>	: 09/26/2011	625 ACOSTA APT#15	<b>Job Code</b>	: 130	<b>Book Sequence</b>	: 11.0256	
<b>Completion Date</b>	: 10/03/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 09/26/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: TONY	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21119	Jose L. Briseno	REPORTED LEAK	<b>Account Number</b>	: 00008475		
<b>Start Date</b>	: 10/06/2011	911 STARLIGHT RD.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 8.054	
<b>Completion Date</b>	: 10/12/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 10/06/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21163	Fred A. Lehman	FIX LEAK	<b>Account Number</b>	: 00001005		
<b>Start Date</b>	: 10/20/2011	600 WASHINGTON STREET	<b>Job Code</b>	: 031	<b>Book Sequence</b>	: 1.0045	
<b>Completion Date</b>	: 11/21/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 10/20/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21178	JOSE CONTRERAS	REPORTED LEAK	<b>Account Number</b>	: 00001966		
<b>Start Date</b>	: 10/24/2011	1145 BOUNDARY	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0256	
<b>Completion Date</b>	: 11/21/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 10/24/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21250	Manuel & Nellie Ontiveros	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00004030		
<b>Start Date</b>	: 10/31/2011	1128 B CHURCH ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 4.0045	
<b>Completion Date</b>	: 10/31/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 10/31/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21273	Alte Lic	REPORTED LEAK	<b>Account Number</b>	: 00002511		
<b>Start Date</b>	: 11/02/2011	1215 ANTHONY DRIVE #G	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 8.0941	
<b>Completion Date</b>	: 11/03/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 11/02/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:52 PM

User Name : Diana

Work Order	: 21307	Jesus & Juana Amaro Vizcaino	METER LEAKING/FIX	Account Number	: 00006060
Start Date	: 11/10/2011	428 MCDONALD ST.	Job Code : 079	Book Sequence	: 6.0116
Completion Date	: 11/16/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/10/2011				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21345	ROSALIO MORALES	REPORTED LEAK	Account Number	: 00000117
Start Date	: 11/22/2011	1301 LIVESAY	Job Code : 041	Book Sequence	: 6.0284
Completion Date	: 11/30/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/22/2011				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21467	ARACELI & PEDRO HERNANDEZ ARREDONDO	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 09995895
Start Date	: 12/07/2011	1139 TIERRA HUICHOL CIR.	Job Code : 030	Book Sequence	: 13.0369
Completion Date	: 12/09/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/07/2011				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21468	Jose & Teresa Triana	REPORTED LEAK	Account Number	: 00007790
Start Date	: 12/07/2011	417 SANDIA ST.	Job Code : 041	Book Sequence	: 7.0952
Completion Date	: 12/09/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/07/2011				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21469	YOLANDA VILLAREAL & SANTOS R HERNANDEZ	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00010669
Start Date	: 12/07/2011	1970 CHURCH ST	Job Code : 030	Book Sequence	: 6.0992
Completion Date	: 12/08/2011	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/07/2011				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 21471	Anselmo & Rosa E Morales, Jr.	REPORTED LEAK	Account Number	: 00005150
Start Date	: 12/07/2011	713 MADISON ST.	Job Code : 041	Book Sequence	: 5.0122
Completion Date	: 12/09/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/07/2011				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21472	Lilia Barron	REPORTED LEAK	Account Number	: 00002025
Start Date	: 12/07/2011	25 E MILLER ST. B	Job Code : 041	Book Sequence	: 2.0025
Completion Date	: 12/09/2011	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 12/07/2011				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:52 PM

User Name : Diana

<b>Work Order</b>	: 21474	MARIA MACIAS	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00005211		
<b>Start Date</b>	: 12/07/2011	1019 MONROE ST	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 5.0212	
<b>Completion Date</b>	: 12/09/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/07/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21475	MARINA HERNANDEZ	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00000658		
<b>Start Date</b>	: 12/07/2011	1109 TIERRA HUICHOL CIR.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 13.0354	
<b>Completion Date</b>	: 12/09/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/07/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: ROBERT	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21476	Rosa M. Martinez	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00000671		
<b>Start Date</b>	: 12/07/2011	1113 TIERRA OLUMIES	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 13.0365	
<b>Completion Date</b>	: 12/09/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/07/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	: ROBERT	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21477	Gregoria R. Olivas	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00008084		
<b>Start Date</b>	: 12/08/2011	2 ESPIGA PLACE	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 8.004	
<b>Completion Date</b>	: 12/09/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/08/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21480	Yvonne Perea	REPORTED LEAK	<b>Account Number</b>	: 00001320		
<b>Start Date</b>	: 12/09/2011	1215 MIL ACRES	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0313	
<b>Completion Date</b>	: 12/09/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/09/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21498	NORMA SANCHEZ	REPORTED LEAK	<b>Account Number</b>	: 00003570		
<b>Start Date</b>	: 12/14/2011	909 LINCOLN ST.	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 3.0875	
<b>Completion Date</b>	: 12/14/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/14/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21501	RAMON SALDANA	REPORTED LEAK	<b>Account Number</b>	: 00001433		
<b>Start Date</b>	: 12/14/2011	625 ACOSTA APT#15	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 11.0256	
<b>Completion Date</b>	: 12/14/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/14/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

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User Name : Diana

<b>Work Order</b>	: 21503	Southern New Mexico Human Development	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00008897		
<b>Start Date</b>	: 12/14/2011	820 HWY 478	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 8.0987	
<b>Completion Date</b>	: 12/16/2011	Las Cruces NM 88004	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/14/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21520	Fernando Herrera	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00002555		
<b>Start Date</b>	: 12/19/2011	720 ST. ANTHONY ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 2.0705	
<b>Completion Date</b>	: 12/20/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/19/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21530	Probation Office	REPORTED LEAK	<b>Account Number</b>	: 25000287		
<b>Start Date</b>	: 12/20/2011	925 ANTHONY DR	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0519	
<b>Completion Date</b>	: 01/05/2012	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/20/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21544	RAMON SALDANA	REPORTED LEAK	<b>Account Number</b>	: 00001433		
<b>Start Date</b>	: 12/28/2011	625 ACOSTA APT#15	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 11.0256	
<b>Completion Date</b>	: 12/29/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/28/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21545	Oswaldo & Elisa Chavez	REPORTED LEAK	<b>Account Number</b>	: 00002264		
<b>Start Date</b>	: 12/28/2011	204 LANGFORD AVENUE	<b>Job Code</b>	: 041	<b>Book Sequence</b>	: 1.0277	
<b>Completion Date</b>	: 12/29/2011	Anthony, NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/28/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21624	Efren & Julieta Lira Garcia	CUSTOMER HAS A LEAK/CLOSEWATER	<b>Account Number</b>	: 00007265		
<b>Start Date</b>	: 12/30/2011	444 DAVIS ST.	<b>Job Code</b>	: 030	<b>Book Sequence</b>	: 7.0336	
<b>Completion Date</b>	: 12/30/2011	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 12/30/2011						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00
<b>Work Order</b>	: 21628	MARIA LUISA MEZA	METER LEAKING/FIX	<b>Account Number</b>	: 00002101		
<b>Start Date</b>	: 01/04/2012	871 RUTH ST.	<b>Job Code</b>	: 079	<b>Book Sequence</b>	: 5.0512	
<b>Completion Date</b>	: 01/05/2012	Anthony NM 88021	<b>Printed</b>	: <input checked="" type="checkbox"/>	<b>Status</b>	: Closed	
<b>Create Date</b>	: 01/04/2012						
<b>Total Price</b>	: 0.00	<b>Assigned To</b>	:	<b>Locked By</b>	:	<b>Total Cost</b>	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

Work Order Report  
Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 21674	Francisco Marrufo	REPORTED LEAK	Account Number	: 00006275
Start Date	: 01/06/2012	1309 LIVESAY ST.	Job Code : 041	Book Sequence	: 6.0288
Completion Date	: 01/06/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/06/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21691	ROSA E MORALES	FIX LEAK	Account Number	: 00002258
Start Date	: 01/11/2012	901 B HILL ST. (MOBILE)	Job Code : 031	Book Sequence	: 4.0225
Completion Date	: 02/24/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/11/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21701	Roberta Hernandez	REPORTED LEAK	Account Number	: 00003335
Start Date	: 01/13/2012	1117 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.057
Completion Date	: 01/17/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/13/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21702	Cimmarron (BLANCA) Apartments Complex	REPORTED LEAK	Account Number	: 00001033
Start Date	: 01/17/2012	825 FOURTH	Job Code : 041	Book Sequence	: 2.0951
Completion Date	: 01/20/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/17/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21704	Moises A & Anita Martinez	REPORTED LEAK	Account Number	: 80000845
Start Date	: 01/17/2012	350 LARA RD	Job Code : 041	Book Sequence	: 30.0022
Completion Date	: 02/01/2012	Chamberino NM 88027	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/17/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21714	MARCO A RUIZ	LEAK AT METERSITE	Account Number	: 00003164
Start Date	: 01/19/2012	961 B CLARK ST	Job Code : 130	Book Sequence	: 5.0395
Completion Date	: 01/20/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/19/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 21715	Juan & Linda Rodriguez	LEAK AT METERSITE	Account Number	: 00005721
Start Date	: 01/19/2012	1116 ACOSTA RD.	Job Code : 130	Book Sequence	: 5.06
Completion Date	: 01/20/2012	Anthony h nm 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/19/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 21738	Dona Ana Finance	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 00008900		
Start Date	: 01/20/2012	875 N. MAIN STREET	Job Code	: 083	Book Sequence	: 8.0978	
Completion Date	: 01/24/2012	Las Cruces, NM 88001	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/20/2012						
Total Price	: 0.00	Assigned To	: ROBERT	Locked By	:	Total Cost	: 0.00
Work Order	: 21792	Jose & Rosalva Belmontes	REPORTED LEAK	Account Number	: 00002545		
Start Date	: 01/26/2012	401 MADERO	Job Code	: 041	Book Sequence	: 2.068	
Completion Date	: 01/31/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/26/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 21793	Eduardo & Alejandra Jimenez	REPORTED LEAK	Account Number	: 00003221		
Start Date	: 01/26/2012	500 MCDONALD ST.	Job Code	: 041	Book Sequence	: 6.0069	
Completion Date	: 01/31/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/26/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 21796	ALEX IBARRA	REPORTED LEAK	Account Number	: 00003261		
Start Date	: 01/27/2012	1612 ACOSTA RD.	Job Code	: 041	Book Sequence	: 5.0682	
Completion Date	: 01/31/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/27/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 21852	BERENICE MORALES GARCIA	CUSTOMER HAS A LEAK/CLOSEWATER	Account Number	: 00003231		
Start Date	: 01/31/2012	1860 CHURCH ST.	Job Code	: 030	Book Sequence	: 6.0984	
Completion Date	: 01/31/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 01/31/2012						
Total Price	: 0.00	Assigned To	: RUBEN	Locked By	:	Total Cost	: 0.00
Work Order	: 21908	RODRIGO AMBRIZ HERNANDEZ	METER LEAKING/FIX	Account Number	: 00002713		
Start Date	: 02/13/2012	700 B CAMINO REAL	Job Code	: 079	Book Sequence	: 1.0686	
Completion Date	: 02/16/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/13/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 21922	KARINA RANGEL	REPORTED LEAK	Account Number	: 00000701		
Start Date	: 02/17/2012	11 HONEYSUCKLE LANE #6	Job Code	: 041	Book Sequence	: 8.0024	
Completion Date	: 02/22/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 02/17/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

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User Name : Diana

Work Order	: 21966	Margarita Tellez	METER LEAKING/FIX	Account Number	: 00005510
Start Date	: 02/24/2012	825 POLK ST.	Job Code : 079	Book Sequence	: 5.0526
Completion Date	: 05/01/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/24/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22025	Oscar Minjares	REPORTED LEAK	Account Number	: 00004515
Start Date	: 03/01/2012	500 CLARK ST.	Job Code : 041	Book Sequence	: 4.0695
Completion Date	: 03/01/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/01/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22034	Santiago I. Martinez	WATER PIPE LINE WAS HIT	Account Number	: 80000351
Start Date	: 03/02/2012	209 PEREA	Job Code : 233	Book Sequence	: 30.0661
Completion Date	: 03/02/2012	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/02/2012				
Total Price	: 0.00	Assigned To : RUBEN	Locked By :	Total Cost	: 0.00
Work Order	: 22037	Andres Munoz	REPORTED LEAK	Account Number	: 00000007
Start Date	: 03/05/2012	117 LOPEZ ST	Job Code : 041	Book Sequence	: 1.0874
Completion Date	: 03/08/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/05/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22105	JOSE GUZMAN	REPORTED LEAK	Account Number	: 00003239
Start Date	: 03/13/2012	1002 B GRANT	Job Code : 041	Book Sequence	: 4.0499
Completion Date	: 03/20/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/13/2012				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 22112	Ernie Dominguez	REPORTED LEAK	Account Number	: 80000136
Start Date	: 03/14/2012	134 SAN LUIS	Job Code : 041	Book Sequence	: 30.0195
Completion Date	: 03/15/2012	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/14/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22116	Mario & Edith Macias	REPORTED LEAK	Account Number	: 09995320
Start Date	: 03/16/2012	625 ACOSTA APT#10	Job Code : 041	Book Sequence	: 11.0251
Completion Date	: 03/19/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/16/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22198	David Guzman Garcia	REPORTED LEAK	Account Number	: 00002753
Start Date	: 03/27/2012	509 SAINT ANTHONY ST.	Job Code : 041	Book Sequence	: 2.0425
Completion Date	: 03/28/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/27/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 22318	Pedro Lopez	REPORTED LEAK	Account Number	: 00008780		
Start Date	: 04/13/2012	706 JOHN HINKLEY ROAD	Job Code	: 041	Book Sequence	: 8.0855	
Completion Date	: 04/25/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/13/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22325	Claudia Gaytan	FIX LEAK	Account Number	: 00004650		
Start Date	: 04/18/2012	508 CHARLES	Job Code	: 031	Book Sequence	: 4.045	
Completion Date	: 04/25/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/18/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22326	Claudia Gaytan	FIX LEAK	Account Number	: 00004650		
Start Date	: 04/18/2012	508 CHARLES	Job Code	: 031	Book Sequence	: 4.045	
Completion Date	: 04/25/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/18/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22344	Lourdes T. Araiza	LEAK AT METERSITE	Account Number	: 00002435		
Start Date	: 04/23/2012	950 ACOSTA	Job Code	: 130	Book Sequence	: 5.055	
Completion Date	: 04/25/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/23/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22345	Graciela Contreras	LEAK AT METERSITE	Account Number	: 00005765		
Start Date	: 04/23/2012	1711 KATY RD.	Job Code	: 130	Book Sequence	: 5.0642	
Completion Date	: 06/05/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/23/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22412	ANA L ORTIZ	REPORTED LEAK	Account Number	: 00003058		
Start Date	: 04/26/2012	925 B LEE ST.	Job Code	: 041	Book Sequence	: 5.0424	
Completion Date	: 05/01/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 04/26/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22468	Tomas & Lorena Olivas	REPORTED LEAK	Account Number	: 00001830		
Start Date	: 05/02/2012	728 N MAIN ST	Job Code	: 041	Book Sequence	: 1.0799	
Completion Date	: 05/11/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/02/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 22510	Maria Munoz	REPORTED LEAK	Account Number	: 00005180		
Start Date	: 05/16/2012	716 CLARK ST. (HOUSE)	Job Code	: 041	Book Sequence	: 5.0146	
Completion Date	: 05/16/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 05/16/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

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User Name : Diana

Work Order	: 22523	Lupe Miramontes	REPORTED LEAK	Account Number	: 00005290
Start Date	: 05/21/2012	1013 MONROE ST.	Job Code : 041	Book Sequence	: 5.0203
Completion Date	: 05/25/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 05/21/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22661	City of Anthony	REPORTED LEAK	Account Number	: 00002978
Start Date	: 06/01/2012	1214 ANTHONY DR	Job Code : 041	Book Sequence	: 8.094
Completion Date	: 06/04/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/01/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22668	Steve Aguirre	REPORTED LEAK	Account Number	: 00006900
Start Date	: 06/04/2012	1520 CHURCH ST.	Job Code : 041	Book Sequence	: 6.096
Completion Date	: 06/08/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/04/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22683	DIANA ALVARADO	LEAK AT METERSITE	Account Number	: 00000027
Start Date	: 06/06/2012	1001 MONROE ST.	Job Code : 130	Book Sequence	: 5.019
Completion Date	: 06/07/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/06/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22692	Trinidad Saenz	REPORTED LEAK	Account Number	: 00001075
Start Date	: 06/07/2012	250 LA ROCK STREET	Job Code : 041	Book Sequence	: 1.0064
Completion Date	: 06/07/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/07/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22705	Cimmaron Apartment Phase II	REPORTED LEAK	Account Number	: 00003027
Start Date	: 06/11/2012	825 B FOURTH ST	Job Code : 041	Book Sequence	: 2.0725
Completion Date	: 06/12/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/11/2012				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 22711	Celia G. Granados	REPORTED LEAK	Account Number	: 00000943
Start Date	: 06/14/2012	199 WHISPERING DOVE	Job Code : 041	Book Sequence	: 1.017
Completion Date	: 07/02/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/14/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22919	Consuelo Ramirez	REPORTED LEAK	Account Number	: 00002225
Start Date	: 06/29/2012	725 SECOND ST.	Job Code : 041	Book Sequence	: 2.0305
Completion Date	: 06/29/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 06/29/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

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User Name : Diana

Work Order	: 22932	Rito Galindo	FIX LEAK	Account Number	: 00001215
Start Date	: 07/03/2012	1127 GREEN MEADOWS	Job Code : 031	Book Sequence	: 1.02
Completion Date	: 07/03/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/03/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22939	New Mexico Gas Company	REPORTED LEAK	Account Number	: 00000595
Start Date	: 07/05/2012	826 N. MAIN STREET	Job Code : 041	Book Sequence	: 1.0655
Completion Date	: 07/05/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/05/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22953	JOSE A. JIMENEZ	REPORTED LEAK	Account Number	: 00000124
Start Date	: 07/10/2012	100 CROSSETT SP. H-15	Job Code : 041	Book Sequence	: 1.0475
Completion Date	: 07/11/2012	La Mesa NM 88044	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/10/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22962	Erasmus Arredondo	REPORTED LEAK	Account Number	: 00007745
Start Date	: 07/10/2012	820 SAN ANDRES ST.	Job Code : 041	Book Sequence	: 7.0884
Completion Date	: 07/11/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/10/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22963	George A. Borrego	REPORTED LEAK	Account Number	: 80000041
Start Date	: 07/11/2012	114 SAN LUIS	Job Code : 041	Book Sequence	: 30.0223
Completion Date	: 07/26/2012	Chamberino NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/11/2012				
Total Price	: 0.00	Assigned To : RUBEN	Locked By :	Total Cost	: 0.00
Work Order	: 22981	Miguel Sosa	REPORTED LEAK	Account Number	: 00002388
Start Date	: 07/16/2012	517 PUTTER CIRCLE	Job Code : 041	Book Sequence	: 11.0167
Completion Date	: 07/17/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/16/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 22987	CHRISTOPHER BARRERAS	REPORTED LEAK	Account Number	: 00003621
Start Date	: 07/23/2012	1505 B LIVESAY ST.	Job Code : 041	Book Sequence	: 6.0316
Completion Date	: 07/26/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/23/2012				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 22988	Vicente Gonzalez	REPORTED LEAK	Account Number	: 00007083
Start Date	: 07/23/2012	437 TIMBERS STREET	Job Code : 041	Book Sequence	: 7.0048
Completion Date	: 07/26/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 07/23/2012				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00



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User Name : Diana

Work Order	: 23083	NANCY GARCIA	REPORTED LEAK	Account Number	: 00003537		
Start Date	: 08/01/2012	1814 C LIVESAY ST.	Job Code	: 041	Book Sequence	: 6.0368	
Completion Date	: 08/01/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/01/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 23108	Maribel Antunez	VERIFY POSSIBLE CUSTOMER LEAK	Account Number	: 00006133		
Start Date	: 08/06/2012	454 MCDONALD ST. #2	Job Code	: 083	Book Sequence	: 6.0072	
Completion Date	: 08/09/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/06/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 23118	Coordinated Home Health	REPORTED LEAK	Account Number	: 00001635		
Start Date	: 08/07/2012	816 N. MAIN ST.	Job Code	: 041	Book Sequence	: 1.0661	
Completion Date	: 08/17/2012	Las Cruces NM 88005	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/07/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 23135	Payless Rent To Own	REPORTED LEAK	Account Number	: 00002070		
Start Date	: 08/10/2012	1275 ANTHONY DRIVE #suite	Job Code	: 041	Book Sequence	: 8.0933	
Completion Date	: 08/17/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/10/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 23160	Jose & Maria Duarte	FIX LEAK	Account Number	: 00010725		
Start Date	: 08/16/2012	425 TIERRA DORADA CIRCLE	Job Code	: 031	Book Sequence	: 11.019	
Completion Date	: 08/17/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/16/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 23184	Ezequiel Rios	REPORTED LEAK	Account Number	: 00005591		
Start Date	: 08/24/2012	1020 & 1026 (1-5) ACOSTA	Job Code	: 041	Book Sequence	: 5.0562	
Completion Date	: 08/24/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/24/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 23194	Yolanda & Marco Del Toro	EMERGENCY LINE BREAK	Account Number	: 00008100		
Start Date	: 08/28/2012	18 N ESPIGA PLACE	Job Code	: 132	Book Sequence	: 8.0054	
Completion Date	: 08/28/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 08/28/2012						
Total Price	: 0.00	Assigned To	: ROBERT	Locked By	:	Total Cost	: 0.00

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User Name : Diana

Work Order	: 23270	Arturo Madrid	REPORTED LEAK	Account Number	: 00007110
Start Date	: 08/30/2012	455 DAVIS ST.	Job Code : 041	Book Sequence	: 7.018
Completion Date	: 09/17/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/30/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23271	Alfredo Mendoza	REPORTED LEAK	Account Number	: 00007155
Start Date	: 08/30/2012	421 DAVIS ST.	Job Code : 041	Book Sequence	: 7.0156
Completion Date	: 09/04/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 08/30/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23348	Hilario Arredondo	REPORTED LEAK	Account Number	: 00006680
Start Date	: 09/11/2012	1400 LINCOLN ST.	Job Code : 041	Book Sequence	: 6.074
Completion Date	: 09/12/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/11/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23399	Martha Banuelos	REPORTED LEAK	Account Number	: 00007099
Start Date	: 09/24/2012	1441 DONALDSON AVE.	Job Code : 041	Book Sequence	: 7.0212
Completion Date	: 09/25/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 09/24/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23608	JOSEPH VALDEZ	REPORTED LEAK	Account Number	: 00003472
Start Date	: 10/04/2012	1409 B LIVESAY ST.	Job Code : 041	Book Sequence	: 6.0736
Completion Date	: 10/05/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/04/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23609	Noe Garcia & Esther Lynn Medina	REPORTED LEAK	Account Number	: 00003361
Start Date	: 10/04/2012	813 GOLF COURSE RD.	Job Code : 041	Book Sequence	: 13.0098
Completion Date	: 10/16/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/04/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23630	ROSARIO RODRIGUEZ	REPORTED LEAK	Account Number	: 00004636
Start Date	: 10/09/2012	460 DAVIS ST	Job Code : 041	Book Sequence	: 7.0368
Completion Date	: 10/11/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/09/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23662	Juan Ibanez	METER LEAKING/FIX	Account Number	: 00006515
Start Date	: 10/18/2012	2020 LINCOLN ST.	Job Code : 079	Book Sequence	: 6.0588
Completion Date	: 10/22/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/18/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

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## Work Order Report

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User Name : Diana

Work Order	: 23664	FRANCISCA R GARCIA	METER LEAKING/FIX	Account Number	: 00003604
Start Date	: 10/18/2012	1508 CHURCH ST.	Job Code : 079	Book Sequence	: 6.0946
Completion Date	: 10/22/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/18/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23668	Salvador & Selena Garcia	METER LEAKING/FIX	Account Number	: 00002960
Start Date	: 10/22/2012	625 ACOSTA APT#13	Job Code : 079	Book Sequence	: 11.0254
Completion Date	: 10/24/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/22/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23672	Lilia Barron	REPORTED LEAK	Account Number	: 00002025
Start Date	: 10/23/2012	25 E MILLER ST. B	Job Code : 041	Book Sequence	: 2.0025
Completion Date	: 11/02/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/23/2012				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 23673	JUAN MUNOZ	REPORTED LEAK	Account Number	: 00003479
Start Date	: 10/24/2012	125 A LA ROCK STREET	Job Code : 041	Book Sequence	: 1.0047
Completion Date	: 11/06/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/24/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23695	Payless Rent To Own	REPORTED LEAK	Account Number	: 00002070
Start Date	: 10/29/2012	1275 ANTHONY DRIVE #suite	Job Code : 041	Book Sequence	: 8.0933
Completion Date	: 10/30/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/29/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23798	Victor Manuel Tellez	METER LEAKING/FIX	Account Number	: 00008755
Start Date	: 10/31/2012	703 AUDREY NANCE RD.	Job Code : 079	Book Sequence	: 8.083
Completion Date	: 11/06/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 10/31/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23873	Graciela Contreras	METER LEAKING/FIX	Account Number	: 00005765
Start Date	: 11/20/2012	1711 KATY RD.	Job Code : 079	Book Sequence	: 5.0642
Completion Date	: 11/21/2012	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/20/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 23952	Luis & Sonia Enriquez	REPORTED LEAK	Account Number	: 00000901
Start Date	: 11/26/2012	1205 BIG BEND LOOP	Job Code : 041	Book Sequence	: 13.0014
Completion Date	: 11/28/2012	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 11/26/2012				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 24005	Olga Ybarra	REPORTED LEAK	Account Number	: 00008955		
Start Date	: 11/27/2012	457 ACOSTA ST.	Job Code	: 041	Book Sequence	: 8.0955	
Completion Date	: 12/04/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 11/27/2012						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00
Work Order	: 24131	Enrique Sifuentes	REPORTED LEAK	Account Number	: 00006225		
Start Date	: 12/06/2012	1217 LIVESAY ST.	Job Code	: 041	Book Sequence	: 6.0272	
Completion Date	: 12/11/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/06/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 24143	El Paso Electric	REPORTED LEAK	Account Number	: 00002040		
Start Date	: 12/11/2012	412 MAIN STREET	Job Code	: 041	Book Sequence	: 2.0055	
Completion Date	: 12/11/2012	Las Cruces NM 88005	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/11/2012						
Total Price	: 0.00	Assigned To	: CHARLES	Locked By	:	Total Cost	: 0.00
Work Order	: 24155	Rosa M. Martinez	REPORTED LEAK	Account Number	: 00000671		
Start Date	: 12/12/2012	1113 TIERRA OLUMIES	Job Code	: 041	Book Sequence	: 13.0365	
Completion Date	: 12/14/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/12/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 24170	Santos & Maria E Lopez	REPORTED LEAK	Account Number	: 00000069		
Start Date	: 12/18/2012	437 GORMAN ST.	Job Code	: 041	Book Sequence	: 7.0324	
Completion Date	: 12/18/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/18/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 24180	Francisco Trejo	REPORTED LEAK	Account Number	: 00008098		
Start Date	: 12/19/2012	17 N. ESPIGA PLACE	Job Code	: 041	Book Sequence	: 8.0048	
Completion Date	: 12/28/2012	Anthony, NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/19/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 24181	El Paso Electric	REPORTED LEAK	Account Number	: 00002040		
Start Date	: 12/19/2012	412 MAIN STREET	Job Code	: 041	Book Sequence	: 2.0055	
Completion Date	: 12/28/2012	Las Cruces NM 88005	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/19/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00
Work Order	: 24197	Claro Sanchez	REPORTED LEAK	Account Number	: 00002212		
Start Date	: 12/27/2012	713 N. SECOND ST.	Job Code	: 041	Book Sequence	: 2.0285	
Completion Date	: 12/28/2012	Anthony NM 88021	Printed	: <input checked="" type="checkbox"/>	Status	: Closed	
Create Date	: 12/27/2012						
Total Price	: 0.00	Assigned To	:	Locked By	:	Total Cost	: 0.00

## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

User Name : Diana

Work Order	: 24261	Aurelio & Cecilia Lopez	REPORTED LEAK	Account Number	: 00003605
Start Date	: 01/07/2013	981 LINCOLN ST.	Job Code : 041	Book Sequence	: 3.091
Completion Date	: 01/07/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/07/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24327	U.S. West	REPORTED LEAK	Account Number	: 00008841
Start Date	: 01/09/2013	Dairy Rd. & Fourth St.	Job Code : 041	Book Sequence	: 8.0946
Completion Date	: 01/11/2013	Columbus oh 43218	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/09/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24331	Rodrigo Miranda	REPORTED LEAK	Account Number	: 00006208
Start Date	: 01/10/2013	1200 LIVESAY ST.	Job Code : 041	Book Sequence	: 6.0484
Completion Date	: 01/11/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/10/2013				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00
Work Order	: 24332	Ruben Rubio	REPORTED LEAK	Account Number	: 00006695
Start Date	: 01/10/2013	1300 A. LINCOLN ST.	Job Code : 041	Book Sequence	: 6.0753
Completion Date	: 01/11/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/10/2013				
Total Price	: 0.00	Assigned To : RYAN	Locked By :	Total Cost	: 0.00
Work Order	: 24333	JOSE PINALES	REPORTED LEAK	Account Number	: 00003279
Start Date	: 01/10/2013	1125 B CHURCH ST.	Job Code : 041	Book Sequence	: 4.0385
Completion Date	: 01/11/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/10/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24359	Gerardo Mendez	REPORTED LEAK	Account Number	: 00001884
Start Date	: 01/14/2013	841 GOLF COURSE RD.	Job Code : 041	Book Sequence	: 13.0112
Completion Date	: 01/14/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/14/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24379	MARIA GUADALUPE ZUNIGA	REPORTED LEAK	Account Number	: 00003661
Start Date	: 01/16/2013	404 KALAR #1	Job Code : 041	Book Sequence	: 4.028
Completion Date	: 01/16/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/16/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24403	Gethsemane Baptist Church	REPORTED LEAK	Account Number	: 00004235
Start Date	: 01/22/2013	821 CHURCH ST.	Job Code : 041	Book Sequence	: 4.0265
Completion Date	: 01/23/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/22/2013				
Total Price	: 0.00	Assigned To : RUBEN	Locked By :	Total Cost	: 0.00



## ANTHONY WATER &amp; SANITATION DISTRICT

## Work Order Report

## Detail

Date : 12/8/2015 01:45:53 PM

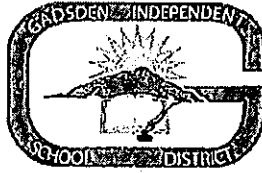
User Name : Diana

Work Order	: 24406	JESUS DELGADO & PATRICIA CENICEROS GONZALEZ	REPORTED LEAK	Account Number	: 00010727
Start Date	: 01/23/2013	902 CLARK ST.	Job Code : 041	Book Sequence	: 5.0404
Completion Date	: 01/24/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/23/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24440	PLUTARCO AGUIRRE	REPORTED LEAK	Account Number	: 00004323
Start Date	: 01/25/2013	419 GRANT ST.	Job Code : 041	Book Sequence	: 4.046
Completion Date	: 03/01/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/25/2013				
Total Price	: 0.00	Assigned To : RUBEN	Locked By :	Total Cost	: 0.00
Work Order	: 24511	J.B. & Kimberly Kuykendall	REPORTED LEAK	Account Number	: 00001712
Start Date	: 01/29/2013	124 BERRY ROAD	Job Code : 041	Book Sequence	: 1.0027
Completion Date	: 02/01/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/29/2013				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 24512	Apolonio E. Flores	REPORTED LEAK	Account Number	: 00010433
Start Date	: 01/29/2013	218 CHERT STREET	Job Code : 041	Book Sequence	: 10.072
Completion Date	: 01/31/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/29/2013				
Total Price	: 0.00	Assigned To : CHARLES	Locked By :	Total Cost	: 0.00
Work Order	: 24569	Refugio Gonzalez	FIX LEAK	Account Number	: 00001069
Start Date	: 01/31/2013	1180 ACOSTA	Job Code : 031	Book Sequence	: 5.0601
Completion Date	: 01/31/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 01/31/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24577	Carmen Moreno	REPORTED LEAK	Account Number	: 00003270
Start Date	: 02/02/2013	1004 LIVESAY ST.	Job Code : 041	Book Sequence	: 3.049
Completion Date	: 02/04/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/02/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24797	Salvador Chavez	METER LEAKING/FIX	Account Number	: 00010147
Start Date	: 02/27/2013	1764 DEER CIRCLE	Job Code : 079	Book Sequence	: 10.0265
Completion Date	: 03/05/2013	Anthony, NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 02/27/2013				
Total Price	: 0.00	Assigned To :	Locked By :	Total Cost	: 0.00
Work Order	: 24809	Alfredo Lopez, Jr.	REPORTED LEAK	Account Number	: 00001220
Start Date	: 03/01/2013	1124 GREEN MEADOWS	Job Code : 041	Book Sequence	: 1.0205
Completion Date	: 03/04/2013	Anthony NM 88021	Printed : <input checked="" type="checkbox"/>	Status	: Closed
Create Date	: 03/01/2013				
Total Price	: 0.00	Assigned To : ROBERT	Locked By :	Total Cost	: 0.00

# **APPENDIX O**

## **Service Requests**

Efren Yturralde  
Superintendent



4950 McNutt Road  
Sunland Park, New Mexico

P.O. Drawer 70  
Anthony, N.M. 88021  
Phone: (575) 882-6200

December 17, 2014

Rick Martinez  
Director of Business Development  
New Mexico Finance Authority  
207 Shelby Street  
Santa Fe, New Mexico 87501

**RE: Letter of Support for Water Service from Anthony Water & Sanitation District**

Dear Mr. Martinez:

We would like to express our support for Anthony Water & Sanitation District's (AWSD) water project on Washington Street and State Road NM 28. We have two schools that can be served with this project and would greatly help us with our operations. Gadsden High School is located on the intersection of Washington Street and NM State Road 28, currently enrolls 1,581 students and Alta Vista Early College High School is located on NM 28 and currently enrolls 134 students.

By connecting to AWSD water system this will allow us to have safe, quality, dependable drinking water for our students and staff. AWSD will also supply plenty of flow and pressure to meet our fire flow requirement. This would also allow our operators to concentrate on other operation and maintenance issues that need to be addressed around our facilities.

Thank you for supporting this project. Should you have any questions, please feel free to contact me at (575) 882-6203.

Sincerely,

Efren Yturralde,  
Superintendent



**EXHIBIT A**  
**ANTHONY WATER & SANITATION DIST.**  
**PRELIMINARY REQUEST FOR**  
**WATER OR SEWER**

FOR OFFICE USE ONLY
DATE _____ COMPLETE _____
INITIAL _____ JOB # _____
<input type="checkbox"/> RESUBMITTAL
DATE OF PREVIOUS SUBMITTAL(S) _____

PROJECT NAME: Haciendas de Anthony     COMMERCIAL     RESIDENTIAL

COMPANY NAME: Flair Homes New Mexico    TELEPHONE NUMBER: 915-584-8629  
915-549-5172

CONTACT PERSON:  
(LAST) Dyer    (FIRST) Mark (MIDDLE INITIAL) L    (TELEPHONE NUMBER) \_\_\_\_\_

ADDRESS:  
(STREET OR P.O. BOX) 6300 Escondido

(CITY) El Paso    (STATE) TX    (ZIP) 79912

ESTIMATED CONSTRUCTION START DATE: 4/25/14    ESTIMATED CONSTRUCTION COMPLETION DATE: 10/15/14

NUMBERS OF DWELLING UNITS-THIS PHASE: 101    NUMBER OF DWELLING UNITS-TOTAL PROJECT: 101

LOCATION OF PROPERTY:  
(STREET, ADDRESS, DIRECTIONS) Acosta & Clark Street, Anthony, NM

NEW DEVELOPMENT (SINCE 1984) \*     EXISTING DEVELOPMENT (BEFORE 1984, SEE MAP)

\* WITHIN DISTRICT LIMITS     \* NOT WITHIN DISTRICT LIMITS     \* PETITION FOR ANNEXATION ATTACHED

ATTACH TO THIS PRELIMINARY REQUEST THE FOLLOWING DOCUMENTS:

EXHIBIT A: RIGHT-OF-WAY VERIFICATION (APPROVED PLATS, EASEMENTS, ETC.)

EXHIBIT B: SITE PLAN WITH LEGAL DESCRIPTION (METES AND BOUNDS)

EXHIBIT C: PRELIMINARY PLANS AND SPECIFICATIONS (UTILITY)

\*  EXHIBIT D: SEWAGE MANAGEMENT PLAN

EXHIBIT E: ENGINEER'S ESTIMATED UNIT PRICE CONSTRUCTION COST

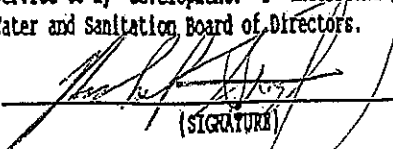
EXHIBIT F: FEES ATTACHED (CHECK, MONEY ORDER, CASHIER'S CHECK)

EXHIBIT G: EXPLANATION IF ANY OF THE ABOVE ARE NOT INCLUDED

EXHIBIT H: PROOF OF COMPLIANCE REQUIREMENTS FOR WATER SAVING DEVICES

EXHIBIT I: PROOF OF COMPLIANCE WITH REQUIREMENT OF SOUTHWEST LANDSCAPING

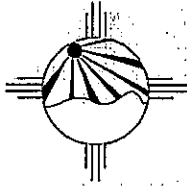
**CERTIFICATION:**  
I hereby certify that the attached information submitted is in accordance with the policies and procedures of the Anthony Water and Sanitation District and also certify that the information attached is true and correct to the best of my knowledge and belief. I also understand that acceptance of this preliminary application by Anthony Water and Sanitation District does in no way guarantee service to my development. I understand that the decision to grant service shall remain the sole responsibility of the Anthony Water and Sanitation Board of Directors.

  
(SIGNATURE)

4/16/14  
(DATE)

\* for sewer applications only





Anthony Water & Sanitation District  
PO Box 1751/1155 N Fourth St  
Anthony, NM 88021  
Phone (575) 882-3922 Fax (575) 882-3925

November 10, 2014

Mark Dyer  
6300 Escondido Dr.  
El Paso, TX 79912

**RE: ANTHONY WATER & SANITATION DISTRICT -HACIENDA DE ANTHONY  
SUBDIVISION**

Dear Mr. Dyer:

This letter is to confirm that plans for the Hacienda de Anthony Subdivision were prepared per Anthony Water & Sanitation District Standards and are approved for construction.

Please feel free to call me if you have any questions at 915-630-5291.

Sincerely,

Anthony Water & Sanitation District

Jose E. Terrones, Superintendent