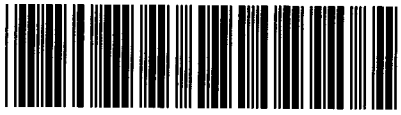

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LAW OFFICE OF RICHARD T. MILLER
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May 20, 2016

Via U.S. Mail
Public Utility Commission of Texas
Attention: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, TX 78711-3326

Re: PUC Docket No. 45283; SOAH Docket No. 473-16-1834.WS; Ratepayers' Appeal of the Decision by North San Saba Water Supply Corporation to Change Rates

Greetings,

Enclosed are one original paper copy and thirteen disc copies of the Rebuttal Testimony of Roger Whatley on behalf of the North San Saba Water Supply Corporation, to the PUC Staff's Direct Testimony. Please file this in the above-referenced matter.

Thanks,

Regina M. Morgan

Regina M. Morgan
rmmorgan@centex.net

Encl.

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SOAH DOCKET NO. 473-16-1834.WS
PUC DOCKET NO. 45283

RATEPAYERS' APPEAL OF THE DECISION BY NORTH SAN SABA WATER SUPPLY CORPORATION TO CHANGE RATES	§	**BEFORE THE STATE OFFICE**
	§	
	§	
	§	**OF**
	§	
	§	
	§	**ADMINISTRATIVE HEARINGS**

REBUTTAL TESTIMONY

OF

ROGER WHATLEY

ON BEHALF OF

NORTH SAN SABA WATER SUPPLY CORPORATION

May 23, 2016

INDEX TO THE REBUTTAL TESTIMONY OF

ROGER WHATLEY, WITNESS FOR

NORTH SAN SABA WATER SUPPLY CORPORATION

LIST OF EXHIBITS

REBUTTAL TESTIMONY OF ROGER WHATLEY

I. REBUTTAL TO FRED BEDNARSKI DIRECT TESTIMONY

Q. PLEASE STATE YOUR REBUTTAL TESTIMONY IN RESPONSE TO DIRECT TESTIMONY BY PUC STAFF FRED BEDNARKSI.

A. In his testimony, Mr. Bednarski (Bednarski) states:

> "The basis of my recommendation is, in part, the Texas Water Code Ann. § 13.043(e) (TWC), which states in relevant part: "...in an appeal under Subsection (b), the commission shall hear the appeal de novo and shall fix in its final order the rates the governing body should have fixed in the action from which the appeal was taken. **The utility commission may consider only the information that was available to the governing body at the time the governing body made its decision** and evidence of reasonable expenses incurred by the retail public utility in the appeal proceedings."" (emphasis mine)

Thus, Bednarski uses the same 2014 base year as I used in July 2015 in my rate spreadsheet calculations mentioned in my Testimony. (Exhibit RW-2). He later states:

> "Based on my review of the information provided, I recommend a revenue requirement for water service of $354,500, …"

This translates to $29,542 per month of revenue requirement, and is similar to my own testimony where I said:

> "I had anecdotally noted that our monthly … expenses had tended to run around $29,000 a month."

But was this all of the "information that was available to the governing body at the time the governing body made its decision" as required by Texas Water Code Ann. § 13.043(e) above? In a word, No.

Accounting is a necessarily backward-looking exercise and based on historical financial data. Managing a business, whether for profit or non-profit, is a necessarily forward-looking exercise, subsuming many required judgments about that which is quintessentially unknown - the future. What did the NSSWSC Board "know" about the future financial demands and risks that NSSWSC would soon face?

In my testimony I stated:

"The rate increase should provide for enough income to cover unusual infrastructure expenses with respect to TCEQ compliance and other ongoing legal expenses, as well as to forestall any near-term need for another increase."

and,

"As I said, early last year I observed an anecdotal average of about $29,000 a month in expenses for the NSSWSC. In addition to that number, we would need to include an amount sufficient to pay attorney's fees incurred in representing NSSWSC in litigation. We were already party to an unrelated suit, but since then we have become involved in two additional legal disputes, namely this PUC Hearing and a civil suit brought by NSSWSC against an engineer to recover damages from poor engineering of the water system overhaul which has resulted in two non-

compliance issues with TCEQ. While that suit is ongoing, we are simultaneously and proactively trying to mitigate and fix the issues of non-compliance."

So, my direct testimony spoke to the fact that we saw both certain and, at that time relatively un-quantified, expenses and risks looming in the near future. We knew we had to deal with these on behalf of our members and that our expenses would become somewhat higher and fairly soon.

We actually had two lawsuits. In the first one, NSSWSC was a defendant in a wrongful death suit. Legal fees and an unknown outcome was a potential financial liability not quantified in the accounting information analyzed by Bednarski. NSSWSC has now been dropped from that suit.

NSSWSC was also beginning to become acutely aware of serious deficiencies in the engineering of our recent 2014 capital project designed to bring us into compliance with TCEQ regulatory requirements. Some of these deficiencies are detailed in the engineering report in Exhibit KG-2 of Katherine Gage's testimony. Due to these deficiencies and others, we have launched a civil action to recover damages. Our recent assessment of those damages (not yet presented in court) is $96,569. Very recent discoveries will perhaps drive this figure significantly higher. We cannot guarantee we will prevail, naturally, and if we prevail, we have no idea if we will recover damages thru any judgment. This represents a partial-quantification of some of the "certain but un-quantified" knowledge the Board had in mind in July and August of 2015. None of this financial risk is reflected in the 2014 accounting information reviewed by

Bednarski. Further, we continue to have problems with TCEQ compliance over the *very same compliance issue* (Combined Radium test) that the capital project was designed to mitigate! The financial risk is still considerable and not at all abated yet.

I would like to expand upon the TCEQ Compliance issue and the capital project to mitigate it because this is integral to explaining the existing NSSWSC expense structure, and increasingly so since the latter part of 2014, and today. It is also important to understanding the looming concerns in the Board's mind in July-August 2015 as we raised rates. Although I will use recently compiled information in exhibits, this is merely to rigorously demonstrate what the Board "knew" about the near-term future from a management perspective as it raised rates in 2015.

This was a $2.8 million capital project, described in Katherine Gage's testimony, and motivated by one solitary TCEQ compliance problem. In Exhibit RW-11 of this rebuttal, the quarterly test results for Combined Radium testing of NSSWSC well-water is presented, from 2009 to the present. Whereas the regulatory limit for Combined Radium (-226 & -228) radionuclides in drinking water is 5 pC/L (five pico-Curies per Liter), NSSWSC water has tested largely in the 6-9 pC/L region.

In Exhibit RW-12 of this rebuttal, the following statement is made:

"EPA considers an incremental or additional risk range of 10-6 to 10-4 when establishing national primary drinking water regulations, where EPA's "target ceiling" additional risk for radionuclides is 10-4. The

> decision to set an MCL at this level that is based on available and affordable treatment or compliance options to reduce the contaminant and the associated risk. Ultimately, the MCL is based on maximizing health risk reduction benefits at a cost that is justified by the benefits (cost benefit analysis). Numerically, this would increase the normal mortality cancer risk from 20 percent to 20.0001 percent (20 plus 10-4), a number which manifests itself when multiplying by large aggregates of people and can be used in the determination of cost benefit for the nation."

The example given is that a 5pC/L or less concentration of Combined Radium will increase the cancer risk of the average person drinking 2 liters per day for 70 years, from 20% to 20.0001% risk of cancer. A higher concentration than 5pC/L will presumably increase risk of cancer somewhat higher, perhaps linearly so, but it will surely set you in the sights of the TCEQ Regulators.

As a result of non-compliance on Combined Radium tests, NSSWSC planned from about 2009-2010 time frame, applied for loans and grants, and finally executed the $2.8 million capital project in 2014 which was designed to take City of San Saba water, presumed low in Combined Radium, and mix it 2:1 with NSSWSC well-water (high in Combined Radium) so that the resulting drinking water might be less than 5 pC/L of Combined Radium (see Kathy Gage testimony). The additional plant structure to enable this mixing became operational in Sept-Oct 2014 and you can see in Exhibit RW-11 that the Combined Radium test dropped below 5pC/L for two quarterly tests.

Unfortunately, the TCEQ uses a "Running Annual Average" of the current and previous 3 quarters, such that NSSWSC never actually passed the testing regimen.

Each quarterly test costs (most recently) $654.10. As a consequence of not passing, each quarter we must mail notices to members at a cost of about $250/qtr. Since 2009 this adds up to approximately $25,315 (at today's cost) in the 6-year intervening period.

As a result of the 3 loans (along with grant funds) NSSWSC took on in order to finance the 2014 capital project, we have approximately $7,613 in monthly Principal and Interest expenses.

We purchase City of San Saba water to mix at 2:1, resulting in $6,167.13 expense on our April 2016 P&L. Because we are still flunking the Combined Radium test, the Board has, at the March 2016 meeting, directed 100% City of San Saba water. This purchased water expense will perhaps go to $8,000 or so, per month.

If you compute a monthly average of the test/notification expenses and add it to the P&I expenses along with the water-purchase expenses, the sum is approximately $13,913 per month. If you add the estimated extra $2000/mo for 100% purchased water, the expense sums to $15,913. Thus, roughly half, or more, of our entire expense structure is a direct result of our well-intended response to the TCEQ's regulatory powers to insist we mitigate the Combined Radium in our water.

Why are we still flunking this test? At present we do not know. We suspect that the City of San Saba water, which we purchase, although compliant,

may be higher in Combined Radium than was supposed by our then-engineer who specified 2:1 mixing to solve this. Of course, this may add to our damages calculation in the other action to recover from the engineer, but, of course, the trial outcome is indeterminate in the present. It basically constitutes another financial risk we face. We have recently formed a Committee to investigate this, but we have no firm answers yet.

So, with 100% mixing, the total expense added by attempts to meet TCEQ compliance requirements will go up to perhaps approximately $16,000 per month. That will definitely be more than half of our current expense structure, which Bednarski computes at $29,542 per month, average. The obvious implication here is that, absent TCEQ compliance requirements, our rates could be about half of what they are. This strikes me as astounding, the implication being that were it not for being a couple, or a few, "millionths of a millionth of a Curie per Liter" pC/L over the MCL limit of 5pC/L, NSSWSC rates could be half of what they actually are!

So, is Bednarski's calculation of our expenses accurate and representative of what has actually been going on both before and after the 2015 rate increase, based as it is on the base year of 2014? No.

Exhibit RW-13 of this rebuttal is a chart showing NSSWSC's Cash on Hand position by month from 2014 to the present. During the first half of 2015, the problem is obvious and the old rates were not bringing in enough revenue to cover expenses. We could see our cash reserves draining, and we knew we had certain but un-quantified future expenses.

Interestingly, the new rates did not arrest the decline in cash position. The 6 months of financials since the rate increase became effective and hit our books shows a slowed, but obvious continued, decline. The Board is extremely concerned.

So what happened? Shouldn't the new rates have resulted in an increasing, not declining, cash position? What happened is another quintessentially unknowable about the future – what happened is a change of weather/climate. El Nino switched, and it started raining again in Texas. With the rains has come a drop in demand for water. Exhibit RW-14 of this rebuttal is a chart showing NSSWSC Water Sales from 2014 to the present. There is some curious and thus far inexplicable volatility in water sales, but it is patently obvious that water sales since the new rate increase are only somewhat higher than water sales in 2015, and are about the same as water sales under the old rate in latter 2014.

It is change in demand that accounts for this. I discussed demand as an important consideration in my testimony and that, although I did make some demand drop assumptions in designing the new rates, this was a fundamentally unknowable quantity, being the future. More or less, we simply knew we had an awful lot of financial risk going forward. Exhibit RW-13 of this rebuttal, showing NSSWSC's Cash on Hand position, demonstrates that the Board was correct, and even the new rates have not arrested the declining cash position.

II. REBUTTAL TO SEAN SCAFF DIRECT TESTIMONY

Q. Q. PLEASE STATE YOUR REBUTTAL TESTIMONY IN RESPONSE TO DIRECT TESTIMONY BY PUC STAFF SEAN SCAFF.

A. I will now discuss Mr Scaff's (Scaff) testimony. Scaff calculates proposed rates based on no demand changes from 2014, apparently, and thereby expects Bednarki's calculation of NSSWSC expenses to be met under 2014 demand conditions. Scaff's proposal is as follows:

Base Rate: $72.05

0 - 4000 gallon: $2.70 per thousand gallons

4001 – 8000 gallons: $4.21 per thousand gallons

8001 – 20,000 gallons: $4.88 per thousand gallons

20,000 or more: $5.56 per thousand gallons

Does Scaff's proposed rate structure meet Bednarski's expense calculation based on 2014 demand? Yes, it does.

In my earlier Direct Testimony, I discussed a spreadsheet calculator, Exhibit RW-2, which I constructed, and which took 2014 actual monthly demand and calculated an average month of demand by each member account and then calculated a water bill for that account, using any hypothetical rates desired. Thus, I could ascertain a hypothetical monthly average water sales figure assuming 2014 demand. I also built in the ability to introduce hypothetical demand changes, such was my concern about the importance of this variable.

I have taken that 2014 demand spreadsheet and input Scaff's proposed rate structure, and the resulting hypothetical water sales is $31,508. But, as I testified

earlier, demand is a very important variable. Scaff assumes no change in demand when he designs his rates. But demand has changed dramatically.

I have now taken the last 5 months of actual water usage, from Dec 2015 billings to April 2016, and I have grafted an average of these month's demand into the front-end of the same spreadsheet. It now calculates a hypothetical average month's water sales based on CURRENT DEMAND for any hypothetical rates.

So, does Scaff's rate proposal, using current demand, cover either Bednarski's calculated expenses, or NSSWSC's actual expenses? No, and No. In fact, they result in a hypothetical water sales that is *less* than the water sales calculated for 2014 demand under the old rates – a REVENUE DROP!

Exhibit RW-15 is a copy of that spreadsheet. I input Scaff's proposed rates, and, under current demand this year, an average water sales is $26,987 which is a .6% drop in water sales from the calculated 2014 average of $27,146, under the OLD RATES.

I testified previously that our water sales were, in fact, running below the hypothetical figure based on 2014 demand and the new rates.

Exhibit RW-16 is a copy of the same rate spreadsheet where I input NSSWSC's current rates, to see what an average month of water sales might be under current demand. The answer is $31,516. Recall that Scaff' rate proposal under 2014 demand conditions results in a similarly calculated $31,508, almost exactly equal. But it is raining again, and demand has changed.

The evidence I present here to rebut Bednarski and Scaff clearly shows we are *not* keeping our nose above water even with the new rates. In fact, our cash position continues to decline at a rate which is estimated at $4,076/mo by regressing the most recent 6 months of the Cash on Hand to find the slope of the trendline (Exhibit RW-17). Using this slope, it can be estimated when the NSSWSC Cash Position will be exhausted, by dividing the April cash position of $57,372 by the trendline slope of negative $4,076 per month. The calculated estimate is 14 months from April2016.

With CURRENT rates and CURRENT demand, the NSSWSC cash position will be exhausted in approximately 14 months.

Using Scaff's proposed rates under current demand this year, and the resulting average water sales of $26,987 as given above, and comparing that figure to the resulting $31,516 of water sales from current NSSWSC rates under current demand, and again as given above, it can be understood that Scaff's rates under current demand conditions would result in an additional $4529 loss per month. It can perhaps, thus be appreciated by all that Scaff's rates will exhaust NSSWSC's Cash Position in $57,372/($4076/mo + $4529/mo) = 6.7 months.

With SCAFF'S rates and CURRENT demand, the NSSWSC cash position will be exhausted in approximately 6.7 months.

It should be obvious that it would be disastrous for NSSWSC if we were forced by the PUCT to adopt Scaff's rate structure. It would put us into receivership if we had to do that.

If demand were to recover we could rebuild our cash reserves against unknown exigencies and perhaps we could even return funds to our members at a year's end. That would make this all worthwhile.

The simplest explanation of the problem with Staff's analysis of NSSWSC's expense structure and subsequent rates proposal is that they used 2014 financial data – before the full impact of Combined Radium mitigation expenses hit the P&L, and before mitigation of project deficiencies, TCEQ violations, hit the P&L – and they used 2014 demand profile to design their rate proposal. Both of these 2014 situations have significantly changed since 2014. By contrast, the Board was forward-looking as it raised rates in August 2015.

I would like to conclude my rebuttal thusly:

The State of Texas, through the TCEQ, forced us to acquire and service an inordinately large expense structure. Now comes the State of Texas again, through the PUCT, deigning to tell us we cannot have rates to cover that same expense structure. Surely this Administrative Court and the PUCT Commissioners will not allow this.

EXHIBIT RW-11

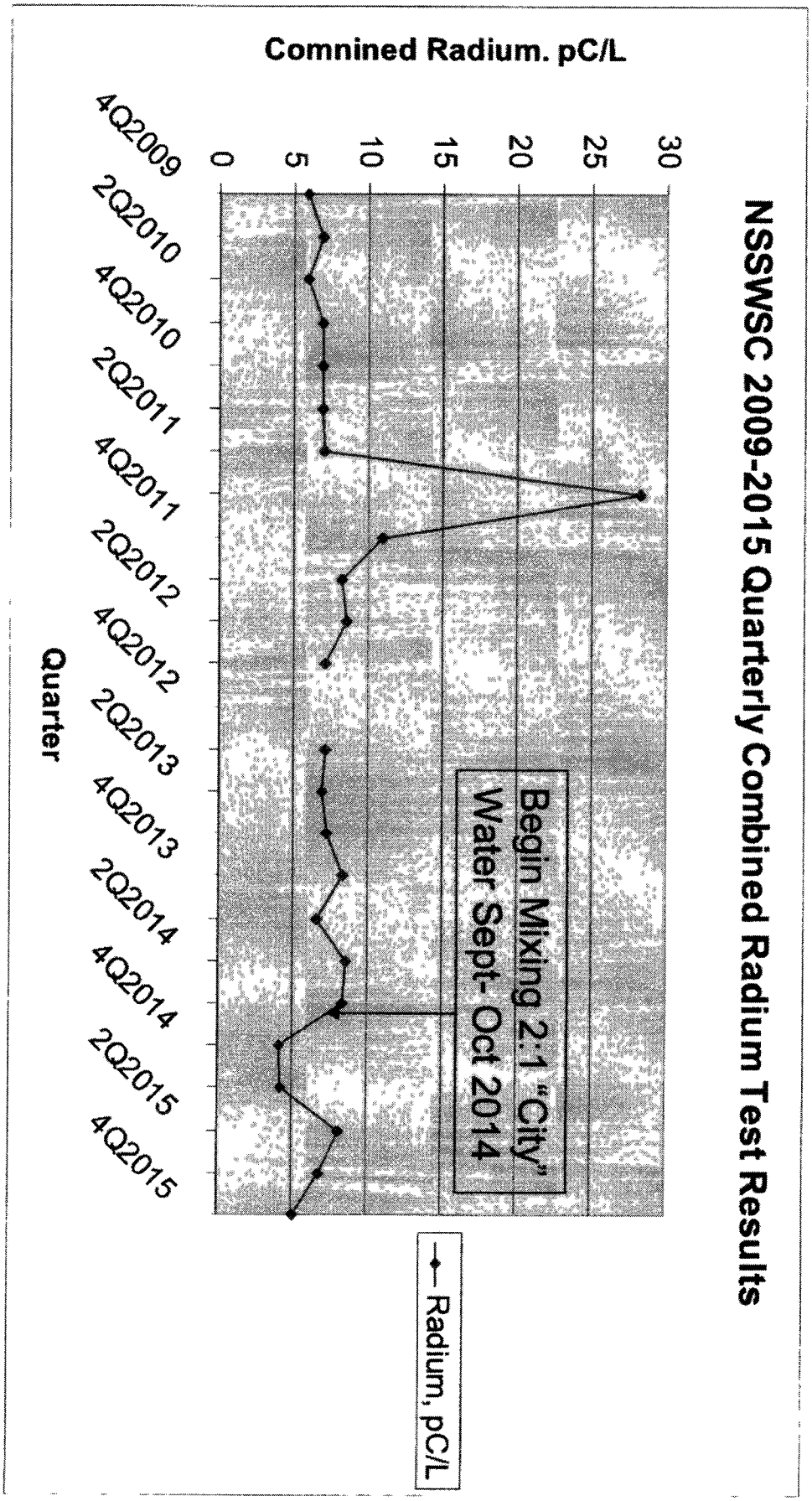

EXHIBIT RW-12

Appendix B - Radionuclide Risk Assessment and Analysis Report

EXHIBIT RW-12

Colorado Department of Public Health and Environment

Colorado Department of Public Health and Environment

Colorado Radionuclide Abatement and Disposal Strategy (CO-RADS)

Final Report Radionuclide Risk Assessment Analysis Report

March 2008

Report Prepared By:

Malcolm Pirnie, Inc.

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Denver, CO 80206
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MALCOLM PIRNIE

5322009

EXHIBIT RW-12

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1. Introduction

1.1. CO-RADS Background

The Water Quality Control Division (WQCD) of the Colorado Department of Public Health and Environment (CDPHE) regulates public water systems (PWSs) under the Colorado Primary Drinking Water Regulations (CPDWR). The maximum contaminant levels (MCLs) the U.S. Environmental Protection Agency (EPA) has established for radionuclides have been adopted by WQCD as part of the CPDWRs. The regulated radionuclides and the corresponding MCL values are as follows:

- Gross alpha particle activity: 15 picoCuries per liter (pCi/L)
- Combined radium 226/228: 5 pCi/L
- Uranium: 30 micrograms per liter (μg/L)
- Beta and photon particle activity: 4 millirems per year (mrem/yr)

Radionuclides are naturally present in the environment, including groundwater sources. Typically, the levels of naturally occurring radioactive material (NORM) are not a significant health concern in drinking water; however, Colorado has over 40 water systems that are currently or expected to be in violation of one or more of the radionuclide MCLs. This presents a health concern for nearly 40,000 consumers.

Treatment techniques are available for the removal of these contaminants from water supplies, but for small drinking water systems, the cost of treatment and disposal may be substantial. Additionally, environmental and worker safety concerns arise from the removal of radionuclides from drinking water. NORM accumulates in treatment residuals and is classified as Technologically Enhanced Naturally Occurring Radioactive Material (TENORM). Worker exposure and disposal of these residuals is also a potential issue.

The systems affected by radionuclides in Colorado are small groundwater systems with limited resources that may struggle to find feasible compliance options. WQCD has initiated the Colorado Radionuclide Abatement and Disposal Strategy (CO-RADS) to address the issues associated with removal of radionuclides from drinking water and offer compliance and technical assistance to the communities affected by these contaminants. The ultimate goal of this project is to resolve drinking water radionuclide violations. The project has been structured to include 5 distinct phases, as outlined below:

- Phase 1 – Review existing data and identify affected systems
- Phase 2 – Sample affected sources to characterize water quality
- Phase 3 – Perform engineering analyses and pilot-studies of treatment and disposal options
- Phase 4 – Offer financial and compliance assistance to affected systems
- Phase 5 – Provide recommendations and implementation assistance for affected systems

Malcolm Pirnie, Inc. in conjunction with the Colorado School of Mines (CSM) has been contracted by WQCD to perform Phases 2 and 3. This report is one of the deliverables for Task 1 Policy Development Assistance.

1.2. CO-RADS Task 1 Objectives

As part of the CO-RADS project, CDPHE is developing policy for the following:

- The necessary degree of protection that water systems must provide, on an interim basis, before a long-term compliance option is successfully implemented; including the identification and evaluation of appropriate interim compliance measures and associated requirements.

- The ability of water systems to implement point-of-use (POU) or point-of-entry (POE) treatment technologies for long-term compliance with the Radionuclide Rule.

The goal of this radionuclide risk assessment analysis is to provide CDPHE with background information to support interim treatment policy development activities for water systems that are planning to implement longer-term solutions to address the Radionuclides Rule requirements. More information on Task 1 can be found in the Memorandum of Understanding (MOU #CD-2007-208) dated August 24, 2007. This report summarizes the methodology, results, and observations of Malcolm Pirnie's risk assessment analysis for the CO-RADS project.

2. Radionuclides Risk Assessment

2.1. Methodology

The intent of this document is to provide CDPHE with information about the incremental risk associated with radionuclides exposure that could be expected over various time periods. The intent is not to evaluate the radionuclide maximum contaminant limits (MCLs) or the methodology used to create the MCLs. However, in order to maintain consistency of techniques for this CO-RADS risk evaluation, Malcolm Pirnie applied the same general risk assessment methodology and assumptions used by the EPA to establish the Radionuclides Rule MCLs.

For this analysis, Malcolm Pirnie evaluated various exposure scenarios for radionuclides at concentrations greater than or equal to MCLs over varying time periods to determine the additional or incremental risk of developing cancer above the naturally expected cancer rate. Per the EPA's Radionuclides Rule development methodology, natural cancer incidents for the two types of risk of cancer conditions (mortality and morbidity) considered in this evaluation include:

- Development of fatal cancer (mortality): one in five (1:5) or 20%
- Development of fatal or non-fatal cancer at some time during ones lifetime (morbidity): 1:2 (50%) in men, 1:3 (33%) in women (USEPA, 2000a)

This risk evaluation included exposure of radionuclides via ingestion of drinking water, inhalation from potable water use, and consumption of vegetables irrigated with water containing radionuclides in excess of MCL.

A more detailed discussion of risks, their basis, the models used, and uncertainty in the models considered in this assessment is provided in "Cancer Risk Coefficients for Environmental Exposure to Radionuclides-Federal Guidance Report No. 13" (FGR-13) (USEPA, 1999).

As noted, the types of risk are the mortality risk (fatal cancer) or morbidity risk (fatal and non-fatal cancers), which are calculated using risk coefficients that are dependent on the type of radionuclide. These are defined as follows:

- Mortality risk coefficient - an estimate of the additional risk to an average member of the U.S. population (per unit of [radio] activity inhaled or ingested) of dying from cancer as a result of the intake of the radionuclide

- Morbidity risk coefficient - an estimate of the additional risk to an average member of the U.S. population (per unit of [radio] activity inhaled or ingested) of experiencing a radiogenic cancer, whether or not the cancer is fatal

FGR-13 contains a compilation of mortality and morbidity risk coefficients, allowing calculation of the risk associated with a given exposure time and concentration of a radionuclide. The risk calculations provided in this report assume water ingestion of two (2) liters/day (L/d) for 365.4 days/year (d/y), resulting in the following equation:

$$Risk = Rad.Conc.\,(pCi/L) \times 2\ L/d \times 365.4\ d/y \times ingestion\ period\ (y) \times risk\ coefficient\ (risk/pCi)$$

That is, the additional cancer risk associated with a radionuclide intake or external exposure is calculated as the product of the appropriate cancer risk coefficient and the corresponding radionuclide intake or exposure. EPA used the coefficients in FGR-13 to set the MCLs for radionuclides in drinking water.

The risk coefficients in FGR-13 were based on state-of-the-art methods and models that take into account age and gender dependence of intake, metabolism, dosimetry, and radiogenic risk for internal exposures to radionuclides. Therefore, they reflect average risks in large populations from low doses or exposures over long periods of time and should not be applied to high doses over short periods (acute doses). For purposes of this work, exposures periods of greater than six months to radionuclides at concentrations less than or equal to10 times MCL were considered.

EPA considers an incremental or additional risk range of 10^{-6} to 10^{-4} when establishing national primary drinking water regulations, where EPA's "target ceiling" additional risk for radionuclides is 10^{-4}. The decision to set an MCL at this level that is based on available and affordable treatment or compliance options to reduce the contaminant and the associated risk. Ultimately, the MCL is based on maximizing health risk reduction benefits at a cost that is justified by the benefits (cost benefit analysis). Numerically, this would increase the normal mortality cancer risk from 20 percent to 20.0001 percent (20 plus 10^{-4}), a number which manifests itself when multiplying by large aggregates of people and can be used in the determination of cost benefit for the nation.

To set the MCLs for gross alpha and combined radium, the EPA used combinations of the mortality and morbidity risk coefficients for various radionuclides. For the gross alpha MCL, EPA used an averaged weighted risk coefficient from FGR-13 composed of the risk coefficients for Ra-226 and Ra-224. That average was weighted by the relative prevalence of Ra-224 and Ra-226 (USEPA, 2000b and 2000c) in drinking water supplies as compiled through EPA's National Inorganics and Radionuclides Survey (NIRS) carried out in the 1990's. The selection of Ra-224 and Ra-226 for gross alpha is discussed in the latter reference. To establish the combined radium MCL (Ra-226 and Ra-228), EPA again used a weighted average of the risk coefficients of these two radionuclides based on NIRS data.

The averaged risk coefficients used for gross alpha and combined radium, and the risk coefficients for uranium are provided in Table 1 below.

Table 1. Radionuclide risk coefficients

Radionuclide	Mortality Risk Coefficient (per pCi)	Morbidity Risk Coefficient (per pCi)
Gross Alpha	1.14×10^{-10}	1.83×10^{-10}
Combined Radium	5.66×10^{-10}	8.03×10^{-10}
Uranium	4.40×10^{-11}	6.81×10^{-11}

Ingestion risks were calculated at the MCL, 2×MCL, and 10×MCL for exposure periods ranging from 6 months to 70 years, assuming consumption of 2 liters of water per day.

Malcolm Pirnie evaluated the exposure to radionuclides via ingestion of vegetables raised with water contaminated with radionuclides. It was assumed an individual has a garden and consumes all of the vegetables from the garden. Using the methodology presented in the Department of Energy's Risk Assessment Information System (), Malcolm Pirnie estimated that the radium ingestion rate due to vegetation consumption from home gardens irrigated with tap water is less than 3% of that from drinking the same tap water; therefore, incremental associated with ingestion of vegetables was not further evaluated.

Finally, Malcolm Pirnie evaluated the inhalation of radon from tap water contaminated with radionuclides. In 1999 EPA conducted a review of exposure to radon (Federal Register Vol 64, 38, February 26 1999 pg 9560) and concluded that tap water contributes about 2% of the radon in homes and that the lifetime mortality risk is 6.25×10^{-7} per pCi/L of radon in tap water. In general, the amount of radon in water varies considerably and is composed of radon from radium in the soil and radium dissolved in the water. For this report, Malcolm Pirnie only considered radium at equilibrium with radon in water. Thus, 5 pCi/L of radium-226 would provide 5 pCi/L of radon-222. The resulting lifetime risk is then 3.2×10^{-6}, two orders of magnitude lower than ingestion of radium at 5 pCi/L for a lifetime (1.45×10^{-4}). Thus, the contribution of radon due to radionuclide contaminated water is minimal and was not further evaluated. It is noted that EPA did not promulgate any concentration limits for radon. Radon from the thorium chain (radon-220 from the decay of radium-228) was considered insignificant in this evaluation, as its half-life is 55 seconds and would quickly decay.

2.2. Risk Evaluation Results

Risks associated with ingestion of combined radium, gross alpha, and uranium for the concentrations and exposure periods discussed above are provided in Tables 2-4. The gray area represents concentrations which result in risks that exceed the EPA's target ceiling risk for ingestion. EPA's risk for ingestion of a radionuclide is calculated as described above, assuming ingestion of the MCL (at 2 liters per day) for 70 years. It is noted that the resulting risks are the same order of magnitude as the EPA's target ceiling risk (10^{-4}); however, the actual value is different for each radionuclide.

Table 2 Incremental risk of developing cancer from ingestion of combined radium in drinking water*

Ingestion Period (years)	Liters Ingested liters	pCi of Rad Ingested at 1*MCL (5 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])	pCi of Rad Ingested at 2*MCL (10 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])	pCi of Rad Ingested at 10*MCL (50 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])
0.5	365	1,825	1.03E-06	1.47E-06	3,650	2.07E-06	2.93E-06	18,250	1.03E-05	1.47E-05
1	730	3,650	2.07E-06	2.93E-06	7,300	4.13E-06	5.86E-06	36,500	2.07E-05	2.93E-05
2	1,460	7,300	4.13E-06	5.86E-06	14,600	8.26E-06	1.17E-05	73,000	4.13E-05	5.86E-05
3	2,190	10,950	6.20E-06	8.79E-06	21,900	1.24E-05	1.76E-05	109,500	6.20E-05	8.79E-05
4	2,920	14,600	8.26E-06	1.17E-05	29,200	1.65E-05	2.34E-05	146,000	8.26E-05	1.17E-04
5	3,650	18,250	1.03E-05	1.47E-05	36,500	2.07E-05	2.93E-05	182,500	1.03E-04	1.47E-04
6	4,380	21,900	1.24E-05	1.76E-05	43,800	2.48E-05	3.52E-05	219,000	1.24E-04	1.76E-04
7	5,110	25,550	1.45E-05	2.05E-05	51,100	2.89E-05	4.10E-05	255,500	1.45E-04	2.05E-04
8	5,840	29,200	1.65E-05	2.34E-05	58,400	3.31E-05	4.69E-05	292,000	1.65E-04	2.34E-04
9	6,570	32,850	1.86E-05	2.64E-05	65,700	3.72E-05	5.28E-05	328,500	1.86E-04	2.64E-04
10	7,300	36,500	2.07E-05	2.93E-05	73,000	4.13E-05	5.86E-05	365,000	2.07E-04	2.93E-04
11	8,030	40,150	2.27E-05	3.22E-05	80,300	4.54E-05	6.45E-05	401,500	2.27E-04	3.22E-04
12	8,760	43,800	2.48E-05	3.52E-05	87,600	4.96E-05	7.03E-05	438,000	2.48E-04	3.52E-04
13	9,490	47,450	2.69E-05	3.81E-05	94,900	5.37E-05	7.62E-05	474,500	2.69E-04	3.81E-04
14	10,220	51,100	2.89E-05	4.10E-05	102,200	5.78E-05	8.21E-05	511,000	2.89E-04	4.10E-04
15	10,950	54,750	3.10E-05	4.40E-05	109,500	6.20E-05	8.79E-05	547,500	3.10E-04	4.40E-04
35	25550	127750	7.23E-05	1.03E-04	255500	1.45E-04	2.05E-04	1277500	7.23E-04	1.03E-03
70	51100	255500	1.45E-04	2.05E-04	511000	2.89E-04	4.10E-04	2555000	1.45E-03	2.05E-03

*Shaded gray cells represent concentrations and ingestion periods which result in risks that exceed the EPA's "ceiling" mortality risk of 1.45e-04 and morbidity risk of 2.05e-04 that are based on ingesting the MCL for 70 years.

[1] Mortality refers to the incremental additional risk of developing a fatal cancer, above the average rate, as a result of the intake of radionuclides

[2] Morbidity refers to the incremental risk of developing a cancer ,fatal or non-fatal, above the average rate, from the intake of radionuclides

Table 3 Incremental risk of developing cancer from ingestion of gross alpha in drinking water*

Ingestion Period (years)	Liters Ingested liters	pCi of Rad Ingested at 1*MCL (15 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])	pCi of Rad Ingested: 2*MCL (30 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])	Rad Ingested at 10*MCL (150 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])
0.5	365	5,475	6.24E-07	4.40E-06	10,950	1.25E-06	8.79E-06	54,750	6.24E-06	4.40E-05
1	730	10,950	1.25E-06	8.79E-06	21,900	2.50E-06	1.76E-05	109,500	1.25E-05	8.79E-05
2	1,460	21,900	2.50E-06	1.76E-05	43,800	4.99E-06	3.52E-05	219,000	2.50E-05	1.76E-04
3	2,190	32,850	3.74E-06	2.64E-05	65,700	7.49E-06	5.28E-05	328,500	3.74E-05	2.64E-04
4	2,920	43,800	4.99E-06	3.52E-05	87,600	9.99E-06	7.03E-05	438,000	4.99E-05	3.52E-04
5	3,650	54,750	6.24E-06	4.40E-05	109,500	1.25E-05	8.79E-05	547,500	6.24E-05	4.40E-04
6	4,380	65,700	7.49E-06	5.28E-05	131,400	1.50E-05	1.06E-04	657,000	7.49E-05	5.28E-04
7	5,110	76,650	8.74E-06	6.15E-05	153,300	1.75E-05	1.23E-04	766,500	8.74E-05	6.15E-04
8	5,840	87,600	9.99E-06	7.03E-05	175,200	2.00E-05	1.41E-04	876,000	9.99E-05	7.03E-04
9	6,570	98,550	1.12E-05	7.91E-05	197,100	2.25E-05	1.58E-04	985,500	1.12E-04	7.91E-04
10	7,300	109,500	1.25E-05	8.79E-05	219,000	2.50E-05	1.76E-04	1,095,000	1.25E-04	8.79E-04
11	8,030	120,450	1.37E-05	9.67E-05	240,900	2.75E-05	1.93E-04	1,204,500	1.37E-04	9.67E-04
12	8,760	131,400	1.50E-05	1.06E-04	262,800	3.00E-05	2.11E-04	1,314,000	1.50E-04	1.06E-03
13	9,490	142,350	1.62E-05	1.14E-04	284,700	3.25E-05	2.29E-04	1,423,500	1.62E-04	1.14E-03
14	10,220	153,300	1.75E-05	1.23E-04	306,600	3.50E-05	2.46E-04	1,533,000	1.75E-04	1.23E-03
15	10,950	164,250	1.87E-05	1.32E-04	328,500	3.74E-05	2.64E-04	1,642,500	1.87E-04	1.32E-03
35	25550	383250	4.37E-05	3.08E-04	766500	8.74E-05	6.15E-04	3832500	4.37E-04	3.08E-03
70	51100	766500	8.74E-05	6.15E-04	1533000	1.75E-04	1.23E-03	7665000	8.74E-04	6.15E-03

*Shaded gray cells represent concentrations and ingestion periods which result in risks that exceed the EPA's "ceiling" mortality risk of 8.74e-05 and morbidity risk of 6.15e-04 that are based on ingesting the MCL for 70 years.

[1] Mortality refers to the incremental additional risk of developing a fatal cancer, above the average rate, as a result of the intake of radionuclides

[2] Morbidity refers to the incremental risk of developing a cancer ,fatal or non-fatal, above the average rate, from the intake of radionuclides

Table 4 Incremental risk of developing or cancer from ingestion of uranium in drinking water*

Ingestion Period (years)	Liters Ingested liters	pCi of Rad Ingested at 1*MCL (27 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])	pCi of Rad Ingested at 2*MCL (54 pCi/L)	Risk (mortality[1])	Risk (morbidity[2])	pCi of Rad Ingested at 10*MCL 270 pCi/L	Risk (mortality[1])	Risk (morbidity[2])
0.5	365	9,855	4.34E-07	6.71E-07	19,710	8.67E-07	1.34E-06	98,550	4.34E-06	6.71E-06
1	730	19,710	8.67E-07	1.34E-06	39,420	1.73E-06	2.68E-06	197,100	8.67E-06	1.34E-05
2	1,460	39,420	1.73E-06	2.68E-06	78,840	3.47E-06	5.37E-06	394,200	1.73E-05	2.68E-05
3	2,190	59,130	2.60E-06	4.03E-06	118,260	5.20E-06	8.05E-06	591,300	2.60E-05	4.03E-05
4	2,920	78,840	3.47E-06	5.37E-06	157,680	6.94E-06	1.07E-05	788,400	3.47E-05	5.37E-05
5	3,650	98,550	4.34E-06	6.71E-06	197,100	8.67E-06	1.34E-05	985,500	4.34E-05	6.71E-05
6	4,380	118,260	5.20E-06	8.05E-06	236,520	1.04E-05	1.61E-05	1,182,600	5.20E-05	8.05E-05
7	5,110	137,970	6.07E-06	9.40E-06	275,940	1.21E-05	1.88E-05	1,379,700	6.07E-05	9.40E-05
8	5,840	157,680	6.94E-06	1.07E-05	315,360	1.39E-05	2.15E-05	1,576,800	6.94E-05	1.07E-04
9	6,570	177,390	7.81E-06	1.21E-05	354,780	1.56E-05	2.42E-05	1,773,900	7.81E-05	1.21E-04
10	7,300	197,100	8.67E-06	1.34E-05	394,200	1.73E-05	2.68E-05	1,971,000	8.67E-05	1.34E-04
11	8,030	216,810	9.54E-06	1.48E-05	433,620	1.91E-05	2.95E-05	2,168,100	9.54E-05	1.48E-04
12	8,760	236,520	1.04E-05	1.61E-05	473,040	2.08E-05	3.22E-05	2,365,200	1.04E-04	1.61E-04
13	9,490	256,230	1.13E-05	1.74E-05	512,460	2.25E-05	3.49E-05	2,562,300	1.13E-04	1.74E-04
14	10,220	275,940	1.21E-05	1.88E-05	551,880	2.43E-05	3.76E-05	2,759,400	1.21E-04	1.88E-04
15	10,950	295,650	1.30E-05	2.01E-05	591,300	2.60E-05	4.03E-05	2,956,500	1.30E-04	2.01E-04
35	25550	689850	3.04E-05	4.70E-05	1379700	6.07E-05	9.40E-05	6898500	3.04E-04	4.70E-04
70	51100	1379700	6.07E-05	9.40E-05	2759400	1.21E-04	1.88E-04	13797000	6.07E-04	9.40E-04

*Shaded gray cells represent concentrations and ingestion periods which result in risks that exceed the EPA's "ceiling" mortality risk of 6.07e-05 and morbidity risk of 9.40e-05 that are based on ingesting the MCL for 70 years.

[1] Mortality refers to the incremental additional risk of developing a fatal cancer, above the average rate, as a result of the intake of radionuclides

[2] Morbidity refers to the incremental risk of developing a cancer ,fatal or non-fatal, above the average rate, from the intake of radionuclides

A summary of the exposure times that result in the EPA's "target ceiling risk" for ingestion of combined radium, gross alpha, and uranium at their respective MCLs, 2×MCL, and 10×MCL are provided in Table 5.

Table 5. Ingestion periods at various radionuclide concentrations that result in the EPA's target ceiling risk

Radionuclide	Exposure Time, years		
	MCL	2×MCL	10×MCL
Combined Radium	70	35	7
Gross Alpha	70	35	7
Uranium	70	35	7

2.3. Observations

Some observations from the radionuclides risk assessment include:

- Any exposure to radionuclides in water is associated with an increased risk of cancer. EPA has determined that the concentrations at the MCL over 70 years results in an additional risk which is below their "target ceiling." Once a person reaches the "target ceiling" exposure (from all sources of radionuclides), then their exposure to radionuclides for the remainder of their life would have to be limited to zero to stay below the EPA's "target ceiling" risk.

- Risk of cancer associated with ingestion of vegetables watered with water contaminated with radionuclides is, on average, 2 orders of magnitude lower than risk associated with ingestion of radionuclides from drinking water. As a result, ingestion of water is the exposure route that WQCD should be most concerned with in regards to the interim health protection measures.

- Risk of cancer associated with inhalation of radionuclides was considered by EPA and determined to be minimal in comparison to ingestion. Consequently, radon was not incorporated into the Radionuclides Rule.

- The concentration of radionuclides in water directly correlates to the increased health risk to the consumer. As such, water systems that provide water with higher concentrations of contaminants will have customers at a proportionally higher risk than water systems with lower concentrations for the same type of contamination. In addition to concentration, time is a critical component of the risk calculation. The amount of time consumers drink water with elevated radionuclides concentrations is directly proportional to their health risk. It is also evident that these risks are small incremental increases to the natural risk of developing a cancer.

- The risk assessment methodology used by the EPA to establish drinking water MCLs (and subsequently used for this evaluation) uses several assumptions, including volume of water consumed per day, standard man, and lifespan. In the case of water systems that serve populations that do not match those assumptions, consumers may have higher or lower risks associated with interim exposure to concentrations of radionuclides that are above the MCLs. However these variations are expected to be less than an order of magnitude.

- The EPA established the Radionuclide Rule MCLs by evaluating the risks associated with each separate contaminant and did not account for potential increased public health risks associated with having more than one contaminant at a time.

3. References

Department of Energy's Risk Assessment Information System ()

Federal Register Vol 64, 38, February 26 1999 pg 9560

USEPA. 1999. Cancer Risk Coefficients for Environmental Exposure to Radionuclides-Federal Guidance Report No. 13. EPA 402-R-99-001.

USEPA. 2000a. National Primary Drinking Water Regulations; Radionuclides; Final Rule. 40 CFR Parts 9, 141, and 142. Federal Register Vol. 65, No. 236.

USEPA. 200b. Radionuclides Notice of Data Availability Technical Support Document.

USEPA. 2000c. Preliminary Health Risk Reduction and Cost Analysis Revised National Primary Drinking Water Standards for Radionuclides.

EXHIBIT RW-13

NSSWSC Cash on Hand, Sept2015 to Apr2016 with regressed Trendline

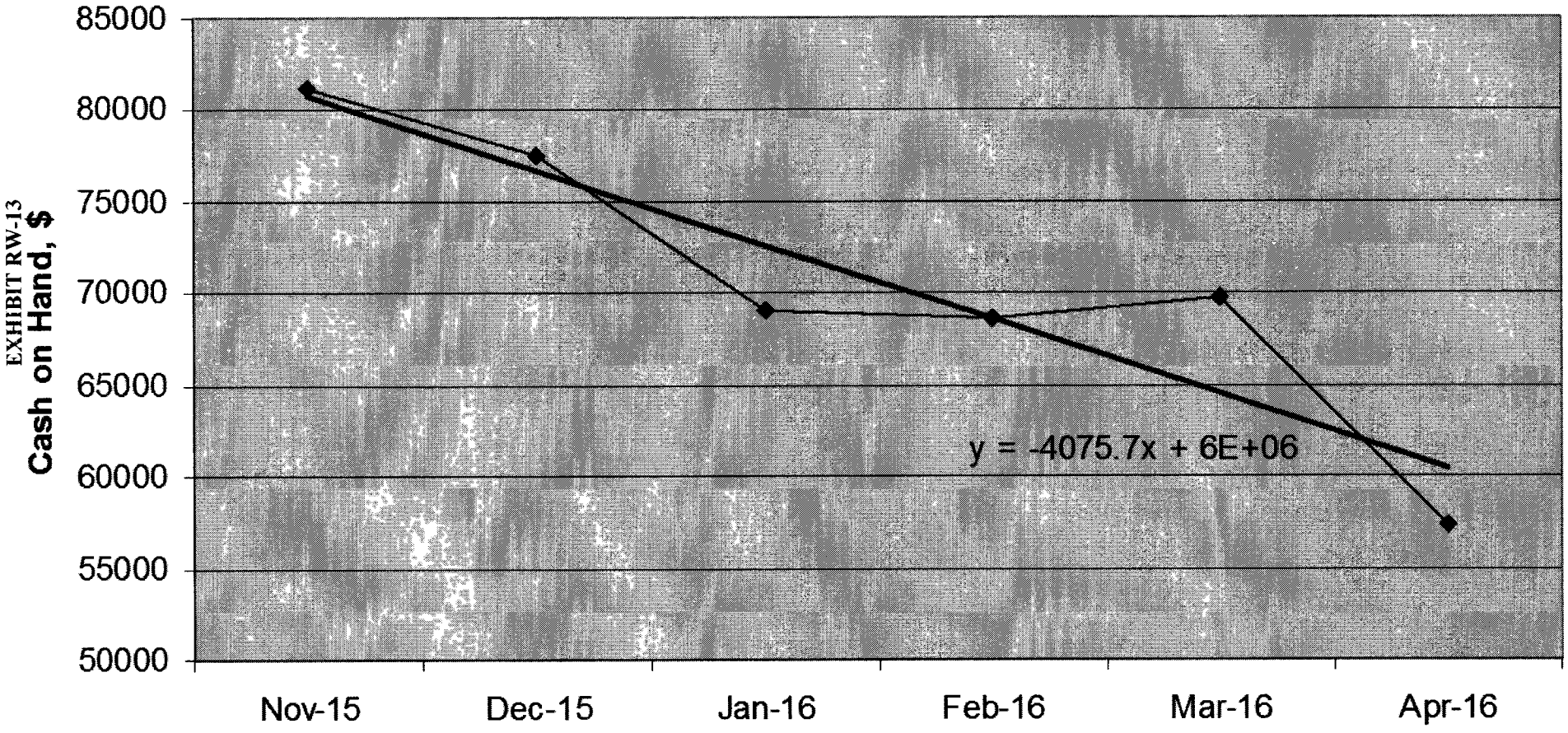

EXHIBIT RW-14

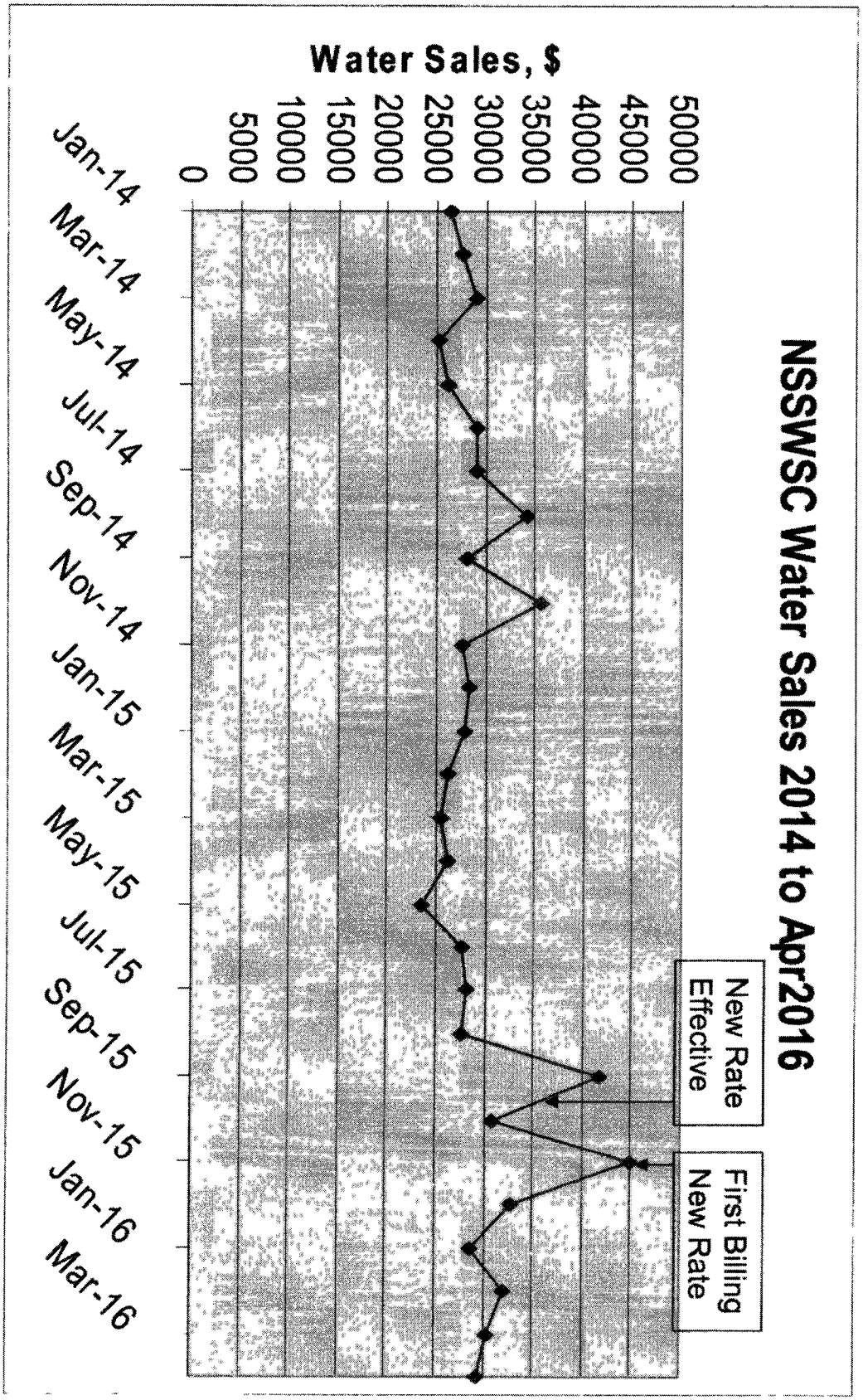

EXHIBIT RW-15

North San Saba Water Supply Corporation

Name	Dec Usg	Jan Usg	Feb Usg	Mar Usg	Apr Usg	Average Month Dec2015-Apr2016	Monthly Average	Percent of Total	Descending Cumulative Percent	Calculate Average Monthly V		
										0-4K	4K to 8K	8K to 20K
O'Neill, Robert	0	0	0	0	559,500	111,900	111,900	7.69%	7.69%	$ 10.80	$ 16.84	$ 58.56
Savoy, Rodney	0	16,240	11,690	0	259,620	57,510	57,510	3.95%	11.64%	$ 10.80	$ 16.84	$ 58.56
Cobra Stone	56,680	51,250	19,490	40,460	32,010	39,978	39,978	2.75%	14.39%	$ 10.80	$ 16.84	$ 58.56
Jacobs Stone	3,210	59,870	23,960	24,460	43,020	30,904	30,904	2.12%	16.51%	$ 10.80	$ 16.84	$ 58.56
Miller, Paul	17,390	20,730	23,960	48,890	33,700	28,934	28,934	1.99%	18.50%	$ 10.80	$ 16.84	$ 58.56
Gilger, David	5,350	29,570	16,340	65,230	11,730	25,644	25,644	1.76%	20.27%	$ 10.80	$ 16.84	$ 58.56
Everett, Brad	5,100	8,490	9,730	92,490	10,960	25,354	25,354	1.74%	22.01%	$ 10.80	$ 16.84	$ 58.56
Linn, Lewis	9,720	20,920	25,690	30,550	38,340	25,044	25,044	1.72%	23.73%	$ 10.80	$ 16.84	$ 58.56
Rios, Jaime	11,190	16,020	13,570	3,850	72,610	23,448	23,448	1.61%	25.34%	$ 10.80	$ 16.84	$ 58.56
Salter, James	2,860	109,830	0	0	0	22,538	22,538	1.55%	26.89%	$ 10.80	$ 16.84	$ 58.56
Oliver, Clydene	18,130	25,520	20,680	25,520	22,270	22,424	22,424	1.54%	28.43%	$ 10.80	$ 16.84	$ 58.56
Key, Charles	3,520	13,210	10,350	29,500	52,750	21,866	21,866	1.50%	29.93%	$ 10.80	$ 16.84	$ 58.56
Cromer, James	36,050	22,660	16,410	15,030	7,090	19,448	19,448	1.34%	31.27%	$ 10.80	$ 16.84	$ 55.87
Triple M Cattle Co	1,780	43,610	11,420	21,480	15,990	18,856	18,856	1.30%	32.57%	$ 10.80	$ 16.84	$ 52.98
Jacobs Stone	1,990	35,240	14,370	14,300	25,190	18,218	18,218	1.25%	33.82%	$ 10.80	$ 16.84	$ 49.86
Everett, Jim Bob	11,080	71,740	4,930	10	0	17,552	17,552	1.21%	35.02%	$ 10.80	$ 16.84	$ 46.61
Cobra Stone	15,830	10,470	26,270	22,220	9,610	16,880	16,880	1.16%	36.18%	$ 10.80	$ 16.84	$ 43.33
Shipman, Zachary	15,460	18,900	12,870	17,510	15,770	16,102	16,102	1.11%	37.29%	$ 10.80	$ 16.84	$ 39.54
Stewart, Nancy	12,070	17,400	14,330	20,080	14,690	15,714	15,714	1.08%	38.37%	$ 10.80	$ 16.84	$ 37.64
Martinez, Hector	19,370	14,600	14,130	16,550	12,940	15,518	15,518	1.07%	39.44%	$ 10.80	$ 16.84	$ 36.69
Hamrick, Kim	7,400	9,440	5,760	7,720	37,530	13,570	13,570	0.93%	40.37%	$ 10.80	$ 16.84	$ 27.18
Brister, Rayford	28,210	25,920	1,090	3,550	0	11,754	11,754	0.81%	41.18%	$ 10.80	$ 16.84	$ 18.32
Edmondson, Lewis	15,070	0	0	13,850	29,780	11,740	11,740	0.81%	41.98%	$ 10.80	$ 16.84	$ 18.25
Gabor, Martin	1,200	5,550	48,870	2,000	590	11,642	11,642	0.80%	42.78%	$ 10.80	$ 16.84	$ 17.77
Meador, Eric	0	57,240	0	0	0	11,448	11,448	0.79%	43.57%	$ 10.80	$ 16.84	$ 16.83
Gossett, Jarvis	16,620	6,590	7,340	16,580	4,120	10,250	10,250	0.70%	44.28%	$ 10.80	$ 16.84	$ 10.98
Cromer, James	5,540	17,500	5,430	10,980	10,400	9,970	9,970	0.69%	44.96%	$ 10.80	$ 16.84	$ 9.61
Goudreau, Dorin	5,760	13,680	9,800	8,640	11,600	9,896	9,896	0.68%	45.64%	$ 10.80	$ 16.84	$ 9.25
Bagley, Dean	3,540	8,380	8,520	11,310	16,210	9,592	9,592	0.66%	46.30%	$ 10.80	$ 16.84	$ 7.77
Weatherby, Marvin	10,020	12,070	9,550	10,180	5,910	9,546	9,546	0.66%	46.96%	$ 10.80	$ 16.84	$ 7.54
Shahan, Jackie	6,560	6,640	13,590	4,930	15,600	9,464	9,464	0.65%	47.61%	$ 10.80	$ 16.84	$ 7.14
Weyerts, Gene	8,710	11,920	7,580	15,870	3,150	9,446	9,446	0.65%	48.26%	$ 10.80	$ 16.84	$ 7.06
Ellis, Mike	10,480	9,070	8,870	10,110	6,360	8,978	8,978	0.62%	48.87%	$ 10.80	$ 16.84	$ 4.77
Howell, Janice	12,560	9,110	7,310	7,930	7,630	8,908	8,908	0.61%	49.49%	$ 10.80	$ 16.84	$ 4.43
Womack, Tracy	4,700	8,220	6,790	11,960	11,520	8,638	8,638	0.59%	50.08%	$ 10.80	$ 16.84	$ 3.11
Gilger, David	4,390	21,110	8,020	4,870	4,510	8,580	8,580	0.59%	50.67%	$ 10.80	$ 16.84	$ 2.83
Addkison, Cheri	6,860	23,770	5,600	3,950	2,390	8,514	8,514	0.59%	51.25%	$ 10.80	$ 16.84	$ 2.51
Proffitt, Travis	15,130	5,490	6,220	6,600	8,760	8,440	8,440	0.58%	51.83%	$ 10.80	$ 16.84	$ 2.15
Weyerts, Zane	6,680	12,910	8,270	8,690	5,300	8,370	8,370	0.58%	52.41%	$ 10.80	$ 16.84	$ 1.81
Barker, Richard	4,590	7,720	8,500	7,950	9,330	7,618	7,618	0.52%	52.93%	$ 10.80	$ 15.23	$ -
Bishop, Walter	4,070	5,630	6,430	12,140	9,530	7,560	7,560	0.52%	53.45%	$ 10.80	$ 14.99	$ -
Kidd George DVM	3,830	8,650	9,970	9,880	5,420	7,550	7,550	0.52%	53.97%	$ 10.80	$ 14.95	$ -
Daniel, Denver	6,020	7,540	12,300	7,240	4,630	7,546	7,546	0.52%	54.49%	$ 10.80	$ 14.93	$ -
McIntosh, Jeffery	13,090	8,310	8,870	4,430	2,360	7,412	7,412	0.51%	55.00%	$ 10.80	$ 14.36	$ -
Williams, Brad	6,740	9,520	3,940	7,920	8,880	7,400	7,400	0.51%	55.51%	$ 10.80	$ 14.31	$ -
Wilson, Anna	2,520	7,910	18,270	4,240	3,070	7,202	7,202	0.49%	56.00%	$ 10.80	$ 13.48	$ -
Perry, Joel	3,730	4,720	6,840	18,130	2,560	7,196	7,196	0.49%	56.50%	$ 10.80	$ 13.46	$ -

EXHIBIT RW-15

McCoury, Waylon	6,160	6,890	7,630	8,050	7,190	7,184	7,184	0.49%	56.99%	$ 10 80	$ 13.40	$ -
Loeber, Martin	6,640	8,730	7,900	8,710	3,780	7,152	7,152	0.49%	57 48%	$ 10 80	$ 13 27	$ -
Isham, Stuart	4,840	7,130	5,650	6,590	10,330	6,908	6,908	0.47%	57 96%	$ 10.80	$ 12 24	$ -
Husky, Shelayna	9,120	13,580	8,120	2,340	1,380	6,908	6,908	0.47%	58 43%	$ 10 80	$ 12 24	$ -
Boswell, Elvis	5,450	2,940	7,720	9,360	8,890	6,872	6,872	0.47%	58 90%	$ 10.80	$ 12 09	$ -
Cox, Ross Sr	14,080	7,760	6,420	5,990	0	6,850	6,850	0.47%	59 38%	$ 10 80	$ 12 00	$ -
Romero, Jose	9,010	8,760	5,040	6,600	4,560	6,794	6,794	0.47%	59 84%	$ 10.80	$ 11 76	$ -
Little, Karen	5,550	9,800	7,550	4,870	5,300	6,614	6,614	0.45%	60 30%	$ 10 80	$ 11.00	$ -
Daugherty, Marcia	3,540	5,840	3,920	7,630	11,780	6,542	6,542	0.45%	60 75%	$ 10 80	$ 10 70	$ -
Dobie, Joe	3,850	11,580	5,200	6,730	5,090	6,490	6,490	0.45%	61 19%	$ 10 80	$ 10 48	$ -
Triple M Cattle Co	2,050	1,940	7,520	10,710	10,210	6,486	6,486	0 45%	61 64%	$ 10.80	$ 10 47	$ -
Watson, Johnny	5,230	7,740	5,740	7,940	5,180	6,366	6,366	0 44%	62 08%	$ 10 80	$ 9.96	$ -
Rankin, Jeff	3,880	5,220	9,240	10,720	2,570	6,326	6,326	0.43%	62.51%	$ 10 80	$ 9 79	$ -
Robertson, Will	5,160	10	0	12,190	13,860	6,244	6,244	0 43%	62 94%	$ 10 80	$ 9 45	$ -
Lusty, Fay	5,470	4,520	10,780	2,200	8,240	6,242	6,242	0.43%	63 37%	$ 10 80	$ 9 44	$ -
Harrell, Jr	5,770	7,600	6,070	7,200	4,490	6,226	6,226	0 43%	63 80%	$ 10 80	$ 9 37	$ -
Parades, Salvador	5,610	7,250	5,820	7,260	5,010	6,190	6,190	0.43%	64.22%	$ 10.80	$ 9 22	$ -
Dyer, Steve	5,620	6,940	7,510	6,980	3,660	6,142	6,142	0.42%	64 64%	$ 10 80	$ 9 02	$ -
Hawkins, Roland	4,130	13,560	4,180	5,060	3,740	6,134	6,134	0.42%	65.07%	$ 10.80	$ 8 98	$ -
Norris, Connie	4,010	10,730	6,660	5,930	3,010	6,068	6,068	0.42%	65 48%	$ 10 80	$ 8.71	$ -
Harrell, Woodson	5,290	5,670	15,340	2,970	1,000	6,054	6,054	0.42%	65 90%	$ 10.80	$ 8.65	$ -
Davis, Nathan	10,770	4,860	5,170	5,720	2,970	5,898	5,898	0.41%	66 30%	$ 10 80	$ 7 99	$ -
Cromer, James	9,950	6,010	3,780	9,580	160	5,896	5,896	0.41%	66 71%	$ 10 80	$ 7.98	$ -
Johnson, Robert A.	4,240	4,830	13,830	0	6,400	5,860	5,860	0.40%	67.11%	$ 10 80	$ 7 83	$ -
Baxter, Randy	5,880	7,140	5,750	5,690	4,790	5,850	5,850	0.40%	67 51%	$ 10.80	$ 7.79	$ -
Faught, Jim	0	14,510	4,450	5,730	4,400	5,818	5,818	0.40%	67.91%	$ 10 80	$ 7 65	$ -
Salomon, Rudolf	5,790	6,410	4,220	7,150	4,400	5,594	5,594	0 38%	68 30%	$ 10 80	$ 6 71	$ -
Flores, Gilberto	9,830	6,490	3,170	4,650	2,900	5,408	5,408	0.37%	68 67%	$ 10 80	$ 5 93	$ -
Melton, Jeanne	4,370	6,110	5,240	5,820	4,440	5,196	5,196	0.36%	69 03%	$ 10.80	$ 5.04	$ -
Friday San Saba Ranch	8,800	7,650	4,890	3 870	210	5,084	5,084	0.35%	69.38%	$ 10 80	$ 4.56	$ -
Lebow, James	3,390	6,390	4,300	6,000	5,250	5,066	5,066	0.35%	69 72%	$ 10 80	$ 4 49	$ -
Guerrero, Alejandra	4,240	6,330	4,690	5,310	4,720	5,058	5,058	0.35%	70.07%	$ 10 80	$ 4 45	$ -
Pierce, Jan	5,140	5,910	4,170	5,610	4,190	5,004	5,004	0.34%	70.42%	$ 10 80	$ 4 23	$ -
Hardy, W N	910	1,050	4,510	9,550	8,930	4,990	4,990	0.34%	70 76%	$ 10 80	$ 4 17	$ -
Behrens, Thomas	4,310	6,000	4,750	5,570	4,170	4,960	4,960	0.34%	71 10%	$ 10.80	$ 4.04	$ -
Hamrick, Connie	4,410	5,750	3,720	5,340	4,260	4,696	4,696	0.32%	71 42%	$ 10.80	$ 2.93	$ -
Reeves, Henry	3,140	4,240	3,610	7,370	5,080	4,688	4,688	0.32%	71.75%	$ 10 80	$ 2 90	$ -
Hibler, G H	10,560	2,880	2,380	5,230	2,180	4,646	4,646	0.32%	72.06%	$ 10.80	$ 2 72	$ -
Lackey, Yoko	0	23,020	0	0	0	4,604	4,604	0.32%	72 38%	$ 10 80	$ 2 54	$ -
Amthor, George III	3,200	6,470	4,750	4,540	4,020	4,596	4,596	0.32%	72 70%	$ 10.80	$ 2 51	$ -
Newlin, L K.	3,880	5,440	4,870	5,890	2,670	4,550	4,550	0 31%	73 01%	$ 10 80	$ 2 32	$ -
Bush, Clay	8,880	4,240	2,840	3,790	2,930	4,536	4,536	0.31%	73 32%	$ 10.80	$ 2 26	$ -
Barfield, John	4,950	4,440	3,830	6,550	2,700	4,494	4,494	0.31%	73.63%	$ 10 80	$ 2 08	$ -
Mahan, Dane	3,050	4,520	3,220	8,510	3,050	4,470	4,470	0.31%	73 94%	$ 10 80	$ 1 98	$ -
Everett, Joe Bob	1,580	4,460	3,060	11,340	1,890	4,466	4,466	0.31%	74 24%	$ 10 80	$ 1 96	$ -
Oliver, John J	8,420	7,440	1,330	2,850	1,950	4,398	4,398	0.30%	74 55%	$ 10.80	$ 1.68	$ -
Hale, Allen	3,950	5,790	4,160	4,910	3,080	4,378	4,378	0.30%	74 85%	$ 10 80	$ 1 59	$ -
Reavis, Mike	4,040	4,290	3,880	3,150	6,420	4,356	4,356	0.30%	75 15%	$ 10 80	$ 1 50	$ -
Boswell, H M.	3,980	4,750	3,990	4,820	4,080	4,324	4,324	0.30%	75 44%	$ 10 80	$ 1 36	$ -
Alexander, Neal	5,060	4,890	3,640	4,440	3,440	4,294	4,294	0.30%	75 74%	$ 10 80	$ 1 24	$ -
Tolar, George	3,530	4,630	4,530	5,210	3,420	4,264	4,264	0.29%	76 03%	$ 10 80	$ 1 11	$ -
Kelly, Linda	3,990	4,490	4,010	5,390	3,280	4,232	4,232	0.29%	76 32%	$ 10 80	$ 0 98	$ -
Ridgway, Raymond	1,750	4,050	2,670	2,200	10,400	4,214	4,214	0.29%	76 61%	$ 10 80	$ 0 90	$ -

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Turner, Joseph	4,700	6,100	4,060	6,210	0	4,214	4,214	0.29%	76 90%	$ 10.80	$ 0 90	$ -
Lackey, Darrel	3,900	5,690	3,390	2,400	5,610	4,198	4,198	0.29%	77.19%	$ 10.80	$ 0.83	$ -
Adams, Buddy	3,920	4,950	3,370	8,690	0	4,186	4,186	0.29%	77 48%	$ 10.80	$ 0 78	$ -
Edmondson, Caryl	0	0	850	6,920	12,750	4,104	4,104	0.28%	77 76%	$ 10.80	$ 0 44	$ -
Casbeer, Dorethea	3,870	5,740	3,500	1,640	5,680	4,086	4,086	0.28%	78 04%	$ 10.80	$ 0 36	$ -
Rocky Ranch House	3,580	4,810	4,530	3,680	3,590	4,038	4,038	0.28%	78 32%	$ 10.80	$ 0 16	$ -
Rodeo Arena	630	420	740	5,840	12,510	4,028	4,028	0.28%	78 60%	$ 10 80	$ 0 12	$ -
Hoyt, Justin	3,070	4,490	3,180	6,380	2,970	4,018	4,018	0.28%	78 87%	$ 10.80	$ 0 08	$ -
Shaw, Frank	1,510	1,930	1,420	9,400	5,730	3,998	3,998	0.27%	79 15%	$ 10 79	$ -	$ -
Trotter, Patsy	3,980	6,730	3,010	4,340	1,880	3,988	3,988	0.27%	79 42%	$ 10.77	$ -	$ -
Miller, Richard	4,370	5,280	2,840	4,170	3,270	3,986	3,986	0.27%	79 69%	$ 10 76	$ -	$ -
Anderson, Rich	3,590	4,670	3,780	4,980	2,830	3,970	3,970	0.27%	79.97%	$ 10 72	$ -	$ -
Melton, Jeanne	4,580	3,790	3,120	5,320	3,000	3,962	3,962	0.27%	80 24%	$ 10 70	$ -	$ -
Wells, Joseph	3,440	4,480	4,650	3,870	3,010	3,890	3,890	0.27%	80.51%	$ 10 50	$ -	$ -
Spence, Charlotte	3,760	5,100	3,440	4,460	2,520	3,856	3,856	0.27%	80 77%	$ 10 41	$ -	$ -
Baskin, Rick	3,820	4,980	4,990	3,400	2,040	3,846	3,846	0.26%	81 04%	$ 10 38	$ -	$ -
Sprouse, Karl	3,140	3,470	3,920	5,210	3,260	3,800	3,800	0 26%	81.30%	$ 10 26	$ -	$ -
Burnett, Steve	2,680	5,170	2,960	4,820	3,360	3,798	3,798	0.26%	81.56%	$ 10 25	$ -	$ -
Ragsdale, Lee	3,810	4,700	3,430	4,050	2,770	3,752	3,752	0.26%	81 82%	$ 10 13	$ -	$ -
Kraft, Wymond	2,870	4,800	3,050	2,310	5,350	3,676	3,676	0.25%	82.07%	$ 9 93	$ -	$ -
Isham, Worth	4,230	2,610	3,310	4,600	3,490	3,648	3,648	0.25%	82 32%	$ 9.85	$ -	$ -
Haug, Leif	2,630	4,580	2,690	4,640	3,580	3,624	3,624	0.25%	82 57%	$ 9 78	$ -	$ -
Cervantes, Ignacio	0	0	2,740	5,130	10,220	3,618	3,618	0.25%	82 82%	$ 9 77	$ -	$ -
Billingsley, Joe	4,540	3,950	3,440	3,640	2,400	3,594	3,594	0.25%	83 06%	$ 9.70	$ -	$ -
Coronado, Veronica	2,910	3,770	3,940	4,050	2,860	3,506	3,506	0.24%	83 31%	$ 9 47	$ -	$ -
Oliver, Keith	3,230	4,640	3,120	4,630	1,690	3,462	3,462	0.24%	83 54%	$ 9.35	$ -	$ -
Paredez, Andy	3,210	3,930	3,100	4,360	2,670	3,454	3,454	0.24%	83.78%	$ 9.33	$ -	$ -
Maldonado, Carl	3,230	3,240	4,080	3,800	2,720	3,414	3,414	0.23%	84 02%	$ 9.22	$ -	$ -
Ivy, Mike	3,190	5,180	2,740	3,310	2,490	3,382	3,382	0.23%	84.25%	$ 9.13	$ -	$ -
Allison, Albert	2,970	4,410	2,870	3,930	2,720	3,380	3,380	0.23%	84 48%	$ 9 13	$ -	$ -
Stewart, Bert	4,180	2,770	3,120	4,690	1,750	3,302	3,302	0.23%	84 71%	$ 8 92	$ -	$ -
Esquivel, Lorenzo	3,020	3,540	3,770	3,350	2,820	3,300	3,300	0.23%	84 93%	$ 8 91	$ -	$ -
Cummings, Charlie	0	4,130	3,750	6,970	1,600	3,290	3,290	0.23%	85 16%	$ 8 88	$ -	$ -
Rocking Horse Ranch	5,720	3,320	3,670	2,780	640	3,226	3,226	0.22%	85 38%	$ 8 71	$ -	$ -
Jacobson, Mitchell	10,560	1,000	0	3,000	950	3,102	3,102	0 21%	85 59%	$ 8.38	$ -	$ -
Bourke, David	2,990	3,050	2,310	3,250	3,750	3,070	3,070	0.21%	85 81%	$ 8 29	$ -	$ -
Carroll, W D	2,720	5,990	1,250	2,870	2,400	3,046	3,046	0 21%	86 02%	$ 8 22	$ -	$ -
Blossman, J H	2,690	3,520	2,860	3,620	2,520	3,042	3,042	0.21%	86.22%	$ 8 21	$ -	$ -
Pavey, Alvin	2,920	4,080	2,450	3,310	2,430	3,038	3,038	0.21%	86.43%	$ 8.20	$ -	$ -
Ferrell, Rick	2,630	2,910	3,590	3,060	2,760	2,990	2,990	0.21%	86.64%	$ 8 07	$ -	$ -
Tews, Kenneth	3,550	3,200	2,660	3,120	2,300	2,966	2,966	0.20%	86.84%	$ 8 01	$ -	$ -
Goode, W E	2,610	3,190	2,600	3,740	2,670	2,962	2,962	0.20%	87 05%	$ 8.00	$ -	$ -
Whitten, Robert M.	2,880	5,270	2,020	3,210	1,250	2,926	2,926	0.20%	87 25%	$ 7.90	$ -	$ -
Timmons, Jim	1,180	1,800	2,820	5,380	3,340	2,904	2,904	0.20%	87 45%	$ 7.84	$ -	$ -
Mann, Richard	2,480	3,060	2,900	3,150	2,910	2,900	2,900	0.20%	87.65%	$ 7.83	$ -	$ -
Millican, Bob	5,180	3,520	0	5,600	170	2,894	2,894	0.20%	87 84%	$ 7.81	$ -	$ -
Childers, Jana	2,300	2,820	5,480	3,490	370	2,892	2,892	0.20%	88.04%	$ 7 81	$ -	$ -
Blossman, David	2,560	3,410	3,120	2,380	2,970	2,888	2,888	0.20%	88.24%	$ 7 80	$ -	$ -
Weese, Jim	2,230	2,660	2,710	2,630	4,190	2,884	2,884	0.20%	88.44%	$ 7 79	$ -	$ -
McIntosh, Hulan	2,300	2,170	2,120	3,480	4,310	2,876	2,876	0.20%	88 64%	$ 7 77	$ -	$ -
Wilson, Darlene	3,280	4,510	1,850	2,220	2,500	2,872	2,872	0.20%	88 84%	$ 7 75	$ -	$ -
Sanderson, Ronald	3,300	3,820	1,910	2,620	2,620	2,854	2,854	0 20%	89.03%	$ 7 71	$ -	$ -
Cummins, Joe	1,890	3,460	7,160	1,690	0	2,840	2,840	0.20%	89.23%	$ 7 67	$ -	$ -

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Diaz, Enedina	3,940	4,070	2,520	2,690	910	2,826	2,826	0.19%	89.42%	$ 7.63	$ -	$ -
Sonshine Ministries	2,850	360	1,290	3,470	6,130	2,820	2,820	0.19%	89.61%	$ 7.61	$ -	$ -
Burnham, Don	5,650	4,410	1,670	1,080	1,170	2,796	2,796	0.19%	89.81%	$ 7.55	$ -	$ -
North American Hunters	7,430	3,510	350	710	1,770	2,754	2,754	0.19%	90.00%	$ 7.44	$ -	$ -
Gage, Milton	3,200	3,230	2,110	2,610	2,520	2,734	2,734	0.19%	90.18%	$ 7.38	$ -	$ -
Tatsch, Angela	3,240	3,050	2,980	2,880	1,420	2,714	2,714	0.19%	90.37%	$ 7.33	$ -	$ -
Harkey, Jim	2,890	3,200	2,100	2,400	2,970	2,712	2,712	0.19%	90.56%	$ 7.32	$ -	$ -
Danford, Kim	430	3,960	2,620	4,010	2,430	2,690	2,690	0.18%	90.74%	$ 7.26	$ -	$ -
Vogel, Gary	2,380	3,200	2,380	3,010	2,240	2,642	2,642	0.18%	90.92%	$ 7.13	$ -	$ -
Gage, Travis	3,670	2,650	2,400	2,120	2,300	2,628	2,628	0.18%	91.10%	$ 7.10	$ -	$ -
Surita, Juan	2,790	2,120	2,100	3,820	2,200	2,606	2,606	0.18%	91.28%	$ 7.04	$ -	$ -
Smith, Lloyd	2,430	2,470	2,550	3,650	1,790	2,578	2,578	0.18%	91.46%	$ 6.96	$ -	$ -
San Saba Airport	9,760	690	890	880	580	2,560	2,560	0.18%	91.64%	$ 6.91	$ -	$ -
Blankenship, Jerry	1,810	2,720	2,900	3,180	2,020	2,526	2,526	0.17%	91.81%	$ 6.82	$ -	$ -
Huffstetler, Mark	2,470	3,020	2,210	2,730	2,020	2,490	2,490	0.17%	91.98%	$ 6.72	$ -	$ -
Smith, Larry	1,060	2,230	3,990	2,760	2,320	2,472	2,472	0.17%	92.15%	$ 6.67	$ -	$ -
Whatley, Roger	0	3,370	730	4,650	3,590	2,468	2,468	0.17%	92.32%	$ 6.66	$ -	$ -
Miller, Richard	2,910	1,950	7,140	200	120	2,464	2,464	0.17%	92.49%	$ 6.65	$ -	$ -
Edmondson, Mabel	1,290	2,200	1,590	2,850	4,220	2,430	2,430	0.17%	92.66%	$ 6.56	$ -	$ -
Trejo, Videl Tony	2,980	3,520	2,590	3,040	0	2,426	2,426	0.17%	92.82%	$ 6.55	$ -	$ -
Stevenson, C K	2,960	2,340	2,360	2,720	1,740	2,424	2,424	0.17%	92.99%	$ 6.54	$ -	$ -
Sanderson, Mrs J T	1,380	2,020	1,800	3,390	3,490	2,416	2,416	0.17%	93.16%	$ 6.52	$ -	$ -
Van Gorp, Don	2,060	2,660	2,190	2,660	2,170	2,348	2,348	0.16%	93.32%	$ 6.34	$ -	$ -
Oswald, J C	250	320	11,100	0	0	2,334	2,334	0.16%	93.48%	$ 6.30	$ -	$ -
Hardy, Billy R	2,320	1,740	2,290	2,900	2,350	2,302	2,302	0.16%	93.64%	$ 6.22	$ -	$ -
Hora, C G	2,490	2,810	1,980	2,140	1,890	2,262	2,262	0.16%	93.79%	$ 6.11	$ -	$ -
Martinez, Maria	1,100	4,350	1,700	2,420	1,700	2,254	2,254	0.15%	93.95%	$ 6.09	$ -	$ -
Brozo, Jim	1,220	4,420	2,350	2,260	1,010	2,252	2,252	0.15%	94.10%	$ 6.08	$ -	$ -
House, Richard	4,870	2,300	3,010	810	260	2,250	2,250	0.15%	94.26%	$ 6.08	$ -	$ -
McLaughlin, Bettye	1,300	3,740	2,630	1,660	1,530	2,172	2,172	0.15%	94.41%	$ 5.86	$ -	$ -
Moorhead, Orban	1,080	590	2,060	4,670	2,440	2,168	2,168	0.15%	94.55%	$ 5.85	$ -	$ -
Cuevas, Ivan	100	0	2,800	4,800	3,010	2,142	2,142	0.15%	94.70%	$ 5.78	$ -	$ -
Taff, Roxie	1,880	2,500	2,020	2,200	2,030	2,126	2,126	0.15%	94.85%	$ 5.74	$ -	$ -
Hardy, Bobby J	2,090	2,120	2,080	2,570	1,580	2,088	2,088	0.14%	94.99%	$ 5.64	$ -	$ -
Beckes, Kate	1,400	3,530	1,830	1,870	1,800	2,086	2,086	0.14%	95.13%	$ 5.63	$ -	$ -
Maultsby, Roy	1,410	2,000	2,000	2,160	2,850	2,084	2,084	0.14%	95.28%	$ 5.63	$ -	$ -
Taff, W J	990	3,890	3,490	1,900	0	2,054	2,054	0.14%	95.42%	$ 5.55	$ -	$ -
Burnham, Don	2,070	2,060	2,900	2,150	970	2,030	2,030	0.14%	95.56%	$ 5.48	$ -	$ -
Leonards Big Valley Farms	10,080	0	0	0	0	2,016	2,016	0.14%	95.70%	$ 5.44	$ -	$ -
Davis, Kelly	1,470	3,340	1,050	2,210	1,780	1,970	1,970	0.14%	95.83%	$ 5.32	$ -	$ -
Blossman Donna	3,150	2,080	1,370	1,820	1,190	1,922	1,922	0.13%	95.96%	$ 5.19	$ -	$ -
Wood, Dianne	1,650	2,270	1,770	2,280	1,570	1,908	1,908	0.13%	96.10%	$ 5.15	$ -	$ -
Page, Nelson	1,550	1,700	1,090	1,580	3,430	1,870	1,870	0.13%	96.22%	$ 5.05	$ -	$ -
Johnson, Dee	1,500	1,000	2,520	2,090	1,640	1,750	1,750	0.12%	96.34%	$ 4.73	$ -	$ -
Smith, Kathryn	1,510	1,070	2,200	1,940	1,860	1,716	1,716	0.12%	96.46%	$ 4.63	$ -	$ -
Behrens Farm	1,020	2,470	4,040	440	560	1,706	1,706	0.12%	96.58%	$ 4.61	$ -	$ -
Crockett, Roger	1,140	1,440	1,250	1,480	2,340	1,530	1,530	0.11%	96.68%	$ 4.13	$ -	$ -
Kirk, Regan	3,090	3,870	200	340	20	1,504	1,504	0.10%	96.79%	$ 4.06	$ -	$ -
Ketchum, Leroy	1,130	1,750	1,460	1,710	1,280	1,466	1,466	0.10%	96.89%	$ 3.96	$ -	$ -
Bishop, Scott	1,010	990	1,970	2,010	1,040	1,404	1,404	0.10%	96.99%	$ 3.79	$ -	$ -
Sanderson, Gary	1,070	3,130	700	1,680	430	1,402	1,402	0.10%	97.08%	$ 3.79	$ -	$ -
San Saba Co. Precinct 1	0	0	0	0	6,900	1,380	1,380	0.09%	97.18%	$ 3.73	$ -	$ -
Warren, Jackie	2,860	3,000	90	400	260	1,322	1,322	0.09%	97.27%	$ 3.57	$ -	$ -

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Blaylock, Joseph Wayne	1,130	1,920	970	1,340	1,240	1,320	1,320	0.09%	97 36%	$ 3 56	$ -	$ -
Perry, J D	1,260	1,510	1,480	1,500	830	1,316	1,316	0.09%	97 45%	$ 3 55	$ -	$ -
Spinks, Peggy	1,080	1,960	1,170	1,150	700	1,212	1,212	0.08%	97 53%	$ 3 27	$ -	$ -
Johanson, Lamar	30	60	2,210	150	3,490	1,188	1,188	0.08%	97.61%	$ 3 21	$ -	$ -
Ragsdale, Joe	630	1,290	710	1,730	1,190	1,110	1,110	0.08%	97.69%	$ 3 00	$ -	$ -
Bauer, Lendon	3,770	1,610	0	0	0	1,076	1,076	0.07%	97 76%	$ 2 91	$ -	$ -
Little Willie	230	650	2,690	1,120	560	1,050	1,050	0.07%	97 84%	$ 2 84	$ -	$ -
Brust, Daniel	0	0	5,150	50	50	1,050	1,050	0.07%	97 91%	$ 2.84	$ -	$ -
May, David	960	1,330	2,950	0	0	1,048	1,048	0.07%	97 98%	$ 2 83	$ -	$ -
Buttery, John	1,320	3,010	0	780	100	1,042	1,042	0.07%	98 05%	$ 2 81	$ -	$ -
Sedberry Ranch	1,830	880	980	1,110	410	1,042	1,042	0.07%	98 12%	$ 2 81	$ -	$ -
Allen, Wade	640	960	970	2,080	410	1,012	1,012	0.07%	98 19%	$ 2 73	$ -	$ -
Davis, Ross/ Frost Bank	1,350	440	1,090	1,150	1,000	1,006	1,006	0.07%	98.26%	$ 2 72	$ -	$ -
Daniel, Robert	180	1,020	0	220	3,530	990	990	0.07%	98 33%	$ 2.67	$ -	$ -
Combs, Barbara	1,200	3,750	0	0	0	990	990	0.07%	98 40%	$ 2.67	$ -	$ -
Gilger, David	1,410	990	2,340	100	100	988	988	0.07%	98 47%	$ 2 67	$ -	$ -
Timmons, Kasey	1,170	1,870	800	0	1,030	974	974	0 07%	98 53%	$ 2.63	$ -	$ -
Robert Berryhill	1,070	1,040	730	1,110	640	918	918	0.06%	98 60%	$ 2 48	$ -	$ -
Hartranft, Regan	840	980	900	1,020	620	872	872	0.06%	98.66%	$ 2 35	$ -	$ -
Dahm, Lida	1,350	650	80	960	1,210	850	850	0.06%	98.71%	$ 2 30	$ -	$ -
Lambert, Ricky	90	100	0	2,730	1,230	830	830	0.06%	98 77%	$ 2 24	$ -	$ -
McIntosh, Billy Joe	620	940	660	1,060	850	826	826	0.06%	98 83%	$ 2.23	$ -	$ -
Smart, David	940	1,470	760	520	90	756	756	0.05%	98 88%	$ 2.04	$ -	$ -
Millican, Mike	80	2,380	550	730	0	748	748	0.05%	98 93%	$ 2 02	$ -	$ -
Lindsey, Mary	480	800	630	630	1,200	748	748	0.05%	98 98%	$ 2.02	$ -	$ -
Hibler, Scotty	800	1,040	260	530	1,090	744	744	0.05%	99.03%	$ 2 01	$ -	$ -
Taff, William T	370	2,310	220	380	440	744	744	0.05%	99 09%	$ 2.01	$ -	$ -
Railsback, Wade	690	280	410	330	1,900	722	722	0.05%	99 13%	$ 1 95	$ -	$ -
Chamberlain, John	2,280	1,200	0	0	0	696	696	0 05%	99 18%	$ 1 88	$ -	$ -
Early, Johnette	390	0	0	3,060	0	690	690	0 05%	99.23%	$ 1.86	$ -	$ -
Mullinix, Patrick	710	770	810	550	550	678	678	0.05%	99.28%	$ 1.83	$ -	$ -
Kidd, George	230	340	1,070	1,060	600	660	660	0.05%	99 32%	$ 1.78	$ -	$ -
Holloway, John T	1,720	1,020	210	180	90	644	644	0.04%	99.37%	$ 1 74	$ -	$ -
Jones, Tim	1,720	700	360	30	350	632	632	0.04%	99 41%	$ 1 71	$ -	$ -
Johanson, Marilyn	1,250	830	330	50	490	590	590	0.04%	99 45%	$ 1 59	$ -	$ -
Tallent, Stacey	970	1,140	220	400	30	552	552	0.04%	99 49%	$ 1.49	$ -	$ -
Payton, Dickie	1,350	700	0	420	140	522	522	0.04%	99.52%	$ 1 41	$ -	$ -
Bearden, J M.	610	480	380	630	390	498	498	0.03%	99 56%	$ 1 34	$ -	$ -
Espinoza Stone	10	790	770	510	300	476	476	0.03%	99 59%	$ 1.29	$ -	$ -
Oliver, William H.	560	1,040	90	390	200	456	456	0.03%	99.62%	$ 1 23	$ -	$ -
Moorhead, Mike	1,120	50	320	190	310	398	398	0.03%	99 65%	$ 1 07	$ -	$ -
Dyer Ranch House	1,100	500	30	20	300	390	390	0.03%	99 68%	$ 1.05	$ -	$ -
Free, Suzie	0	0	0	570	1,270	368	368	0.03%	99 70%	$ 0 99	$ -	$ -
Pecan Grove Bapt. Church	140	390	320	600	250	340	340	0.02%	99.73%	$ 0.92	$ -	$ -
Barrera, Ed	630	110	40	820	40	328	328	0.02%	99 75%	$ 0 89	$ -	$ -
Church of the Open Door	140	230	280	420	320	278	278	0.02%	99 77%	$ 0 75	$ -	$ -
Miller, Richard	0	0	1,350	0	0	270	270	0 02%	99 79%	$ 0.73	$ -	$ -
Isham, Worth	440	880	0	0	0	264	264	0.02%	99.80%	$ 0 71	$ -	$ -
House, Jerry	240	270	290	290	220	262	262	0.02%	99 82%	$ 0.71	$ -	$ -
Reavis, Mike	0	0	1,270	0	0	254	254	0.02%	99 84%	$ 0 69	$ -	$ -
Aten, W E.	30	20	310	290	550	240	240	0.02%	99 86%	$ 0.65	$ -	$ -
Perry, Marshall	110	30	100	660	220	224	224	0.02%	99 87%	$ 0 60	$ -	$ -
Bannister, Nancy	60	940	60	40	20	224	224	0.02%	99.89%	$ 0.60	$ -	$ -

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Aguirre, Jose	0	0	0	110	1,000	222	222	0.02%	99.90%	$ 0 60	$ -	$ -
Spinks, Jerry	330	220	130	180	120	196	196	0.01%	99.91%	$ 0 53	$ -	$ -
Burton, Carroll	320	220	210	0	150	180	180	0.01%	99.93%	$ 0 49	$ -	$ -
Edgmon, Nelda	510	270	70	0	0	170	170	0.01%	99.94%	$ 0 46	$ -	$ -
Parks, Larry	50	30	130	490	50	150	150	0.01%	99.95%	$ 0 41	$ -	$ -
Kemick, Lee	0	0	20	650	40	142	142	0.01%	99.96%	$ 0 38	$ -	$ -
Deans, O R.	690	0	0	0	0	138	138	0.01%	99 97%	$ 0 37	$ -	$ -
Silvers, Eric	170	350	0	70	0	118	118	0.01%	99 98%	$ 0 32	$ -	$ -
Verette, Sidney	180	230	40	0	130	116	116	0.01%	99.98%	$ 0 31	$ -	$ -
Friday San Saba Ranch	0	0	0	360	30	78	78	0.01%	99 99%	$ 0 21	$ -	$ -
Haverland, Karl	0	0	0	280	0	56	56	0.00%	99 99%	$ 0 15	$ -	$ -
Boswell, H M.	120	110	0	0	0	46	46	0.00%	100 00%	$ 0.12	$ -	$ -
Terry, Mike	0	30	30	30	130	44	44	0.00%	100 00%	$ 0.12	$ -	$ -
Johnson, Alan	10	90	10	10	10	26	26	0.00%	100 00%	$ 0 07	$ -	$ -
Mahan, Max	0	10	0	90	30	26	26	0.00%	100 00%	$ 0 07	$ -	$ -
Goudreau, Dorin	10	20	10	50	30	24	24	0.00%	100 01%	$ 0 06	$ -	$ -
Edmondson, Caryl	70	0	0	0	0	14	14	0.00%	100 01%	$ 0 04	$ -	$ -
Huffstetler, Jan	0	60	0	0	0	12	12	0 00%	100 01%	$ 0 03	$ -	$ -
Lusty, Fay	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Spence, Charlotte	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Barker, John D	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Merlo, J M.	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Harrell, Ben	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Alcorn, James	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Vogel, Thomas J	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Early, Johnette	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Early, Johnette	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Shepherd, James L.	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Tharp, Jason	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Groomes, Ann	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Sanderson, Debora	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Mims, Malissa	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Smith, Johnny	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
J L H. Management	0	0	0	0	0	-	-	0 00%	100 01%	$ -	$ -	$ -
Amthor, Shirley	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Wilkerson, Dan	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Lambert, Ricky	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
Leonards Big Valley Farms	0	0	0	0	0	-	-	0.00%	100.01%	$ -	$ -	$ -
Lackey, Barton	0	0	0	0	0	-	-	0 00%	100 01%	$ -	$ -	$ -
Paredes, Maria	0	0	0	0	0	-	-	0.00%	100 01%	$ -	$ -	$ -
All Customers												

North San Saba Water Supply Corp.

1,455,140 gallons

EXHIBIT RW-15

Vater Bill over 20K	Sum + Base + tax	revenue per gallon (cents)
$ 510 96	$ 672 56	0 60
$ 208.56	$ 368 64	0 64
$ 111.08	$ 270 67	0 68
$ 60.63	$ 219 97	0 71
$ 49 67	$ 208 96	0 72
$ 31 38	$ 190 58	0 74
$ 29 77	$ 188 96	0 75
$ 28.04	$ 187 23	0.75
$ 19 17	$ 178 31	0.76
$ 14 11	$ 173.22	0 77
$ 13.48	$ 172 59	0 77
$ 10 37	$ 169 47	0 78
$ -	$ 156 33	0 80
$ -	$ 153.43	0 81
$ -	$ 150.30	0 83
$ -	$ 147 04	0 84
$ -	$ 143 74	0 85
$ -	$ 139 92	0 87
$ -	$ 138 02	0 88
$ -	$ 137 06	0 88
$ -	$ 127 51	0 94
$ -	$ 118 60	1 01
$ -	$ 118 53	1 01
$ -	$ 118 05	1 01
$ -	$ 117 10	1 02
$ -	$ 111 22	1.09
$ -	$ 109 85	1 10
$ -	$ 109.49	1 11
$ -	$ 108 00	1.13
$ -	$ 107 77	1 13
$ -	$ 107 37	1 13
$ -	$ 107 28	1 14
$ -	$ 104.98	1 17
$ -	$ 104 64	1.17
$ -	$ 103 32	1 20
$ -	$ 103 03	1.20
$ -	$ 102.71	1 21
$ -	$ 102 35	1 21
$ -	$ 102 00	1 22
$ -	$ 98 57	1 29
$ -	$ 98 33	1 30
$ -	$ 98 28	1 30
$ -	$ 98 27	1 30
$ -	$ 97 70	1 32
$ -	$ 97.65	1 32
$ -	$ 96.81	1 34
$ -	$ 96.79	1 35

Water Rates	2014	PUC Staff
Base	$ 70 00	**$ 72.05**
1-4K gal	$ 2 70	**$ 2.70**
4K to 8K gal	$ 3 38	**$ 4.21**
8K to 20Kgal	$ 4 05	**$ 4.88**
over 20Kgal	$ 4 73	**$ 5.56**

rate calculator input		demand % drop input
$ 12.00	sum	0.0%
1.00	multiplier	0.0%
1.50	multiplier	0.0%
1.75	multiplier	0 0%
2.00	multiplier	0 0%

Average Monthly Revenue	
2014	**PUC Staff**
$ 27,146	**$ 26,987**
	-0.6%
	$ (159)

Revenue Increase

Overall Expense per Gallon Pumped	
2 00	cents/gal

Revenue per Gallon (cents/gallon)		
Usage/mo.	2014	New
2,000 gal	3 77	3 8725
-		
20,000 gal	0 71	0 79

4 89

EXHIBIT RW-15

$	-	$ 96.74	1 35
$	-	$ 96.60	1 35
$	-	$ 95 57	1 38
$	-	$ 95 57	1.38
$	-	$ 95.42	1.39
$	-	$ 95 32	1 39
$	-	$ 95.09	1 40
$	-	$ 94 32	1 43
$	-	$ 94 02	1 44
$	-	$ 93 80	1 45
$	-	$ 93 78	1 45
$	-	$ 93.27	1.47
$	-	$ 93 11	1 47
$	-	$ 92 76	1 49
$	-	$ 92 75	1 49
$	-	$ 92.68	1 49
$	-	$ 92 53	1 49
$	-	$ 92 33	1 50
$	-	$ 92.29	1 50
$	-	$ 92.01	1 52
$	-	$ 91 95	1.52
$	-	$ 91 29	1 55
$	-	$ 91 29	1.55
$	-	$ 91 13	1.56
$	-	$ 91 09	1 56
$	-	$ 90 96	1 56
$	-	$ 90 01	1 61
$	-	$ 89.22	1 65
$	-	$ 88 32	1 70
$	-	$ 87.85	1 73
$	-	$ 87.77	1 73
$	-	$ 87 74	1 73
$	-	$ 87.51	1.75
$	-	$ 87 45	1 75
$	-	$ 87 33	1.76
$	-	$ 86.21	1 84
$	-	$ 86 18	1 84
$	-	$ 86 00	1 85
$	-	$ 85.82	1 86
$	-	$ 85.79	1.87
$	-	$ 85 59	1 88
$	-	$ 85 53	1 89
$	-	$ 85 35	1 90
$	-	$ 85 25	1.91
$	-	$ 85 24	1 91
$	-	$ 84 95	1 93
$	-	$ 84 86	1 94
$	-	$ 84.77	1 95
$	-	$ 84 64	1 96
$	-	$ 84 51	1.97
$	-	$ 84 38	1.98
$	-	$ 84 25	1.99
$	-	$ 84 17	2 00

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$ -	$ 84.17	2.00
$ -	$ 84.10	2.00
$ -	$ 84.05	2.01
$ -	$ 83.70	2.04
$ -	$ 83.63	2.05
$ -	$ 83.43	2.07
$ -	$ 83.38	2.07
$ -	$ 83.34	2.07
$ -	$ 83.26	2.08
$ -	$ 83.23	2.09
$ -	$ 83.23	2.09
$ -	$ 83.18	2.10
$ -	$ 83.16	2.10
$ -	$ 82.97	2.13
$ -	$ 82.87	2.15
$ -	$ 82.85	2.15
$ -	$ 82.72	2.18
$ -	$ 82.72	2.18
$ -	$ 82.59	2.20
$ -	$ 82.39	2.24
$ -	$ 82.31	2.26
$ -	$ 82.24	2.27
$ -	$ 82.23	2.27
$ -	$ 82.16	2.29
$ -	$ 81.92	2.34
$ -	$ 81.80	2.36
$ -	$ 81.78	2.37
$ -	$ 81.67	2.39
$ -	$ 81.59	2.41
$ -	$ 81.58	2.41
$ -	$ 81.37	2.46
$ -	$ 81.36	2.47
$ -	$ 81.34	2.47
$ -	$ 81.16	2.52
$ -	$ 80.83	2.61
$ -	$ 80.74	2.63
$ -	$ 80.68	2.65
$ -	$ 80.66	2.65
$ -	$ 80.65	2.65
$ -	$ 80.52	2.69
$ -	$ 80.46	2.71
$ -	$ 80.45	2.72
$ -	$ 80.35	2.75
$ -	$ 80.29	2.76
$ -	$ 80.28	2.77
$ -	$ 80.26	2.77
$ -	$ 80.26	2.78
$ -	$ 80.25	2.78
$ -	$ 80.24	2.78
$ -	$ 80.21	2.79
$ -	$ 80.20	2.79
$ -	$ 80.15	2.81
$ -	$ 80.12	2.82

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$ -	$ 80 08	2 83
$ -	$ 80 06	2 84
$ -	$ 80 00	2 86
$ -	$ 79 88	2 90
$ -	$ 79 83	2 92
$ -	$ 79 77	2 94
$ -	$ 79 77	2 94
$ -	$ 79 71	2.96
$ -	$ 79 58	3 01
$ -	$ 79.54	3 03
$ -	$ 79 48	3 05
$ -	$ 79 41	3 08
$ -	$ 79 36	3 10
$ -	$ 79 26	3 14
$ -	$ 79 17	3 18
$ -	$ 79 12	3 20
$ -	$ 79 11	3 21
$ -	$ 79.10	3 21
$ -	$ 79 00	3 25
$ -	$ 78 99	3 26
$ -	$ 78 99	3 26
$ -	$ 78 97	3 27
$ -	$ 78 78	3 36
$ -	$ 78 74	3.37
$ -	$ 78.66	3 42
$ -	$ 78 55	3 47
$ -	$ 78 53	3.48
$ -	$ 78 52	3 49
$ -	$ 78 52	3 49
$ -	$ 78.30	3 61
$ -	$ 78 29	3 61
$ -	$ 78 22	3 65
$ -	$ 78 18	3 68
$ -	$ 78 08	3.74
$ -	$ 78.07	3 74
$ -	$ 78 07	3.75
$ -	$ 77.98	3 80
$ -	$ 77 92	3 84
$ -	$ 77 88	3 86
$ -	$ 77 76	3 95
$ -	$ 77 63	4 04
$ -	$ 77 59	4 07
$ -	$ 77.48	4 14
$ -	$ 77 16	4 41
$ -	$ 77.07	4.49
$ -	$ 77 04	4.52
$ -	$ 76 56	5 00
$ -	$ 76 49	5 09
$ -	$ 76 39	5.21
$ -	$ 76.22	5 43
$ -	$ 76.21	5.44
$ -	$ 76 15	5 52
$ -	$ 76 00	5 75

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$	-	$ 75.99	5 76
$	-	$ 75 98	5.77
$	-	$ 75 70	6 25
$	-	$ 75.63	6 37
$	-	$ 75 42	6 79
$	-	$ 75 33	7 00
$	-	$ 75 26	7 17
$	-	$ 75 26	7 17
$	-	$ 75 25	7 18
$	-	$ 75 24	7 22
$	-	$ 75 24	7 22
$	-	$ 75.16	7 43
$	-	$ 75 14	7 47
$	-	$ 75.10	7 59
$	-	$ 75.10	7 59
$	-	$ 75.09	7 60
$	-	$ 75 05	7 71
$	-	$ 74 90	8 16
$	-	$ 74 78	8.58
$	-	$ 74 72	8 79
$	-	$ 74.66	9.00
$	-	$ 74 65	9 04
$	-	$ 74 46	9 85
$	-	$ 74.44	9 95
$	-	$ 74 44	9.95
$	-	$ 74 43	10.00
$	-	$ 74 43	10.00
$	-	$ 74 37	10.30
$	-	$ 74 30	10 68
$	-	$ 74 28	10.77
$	-	$ 74.25	10.95
$	-	$ 74 20	11 24
$	-	$ 74 16	11 52
$	-	$ 74 13	11 73
$	-	$ 74.01	12.54
$	-	$ 73 91	13.39
$	-	$ 73 83	14 14
$	-	$ 73 76	14 81
$	-	$ 73 70	15 48
$	-	$ 73.65	16 15
$	-	$ 73 49	18 46
$	-	$ 73 47	18 84
$	-	$ 73 41	19 95
$	-	$ 73 33	21 57
$	-	$ 73 30	22.35
$	-	$ 73.16	26 32
$	-	$ 73 14	27.09
$	-	$ 73 13	27 70
$	-	$ 73 12	27 91
$	-	$ 73 10	28.78
$	-	$ 73 06	30 44
$	-	$ 73 02	32 60
$	-	$ 73.02	32.60

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$	-	$ 73.01	32 89
$	-	$ 72 94	37 22
$	-	$ 72 90	40 50
$	-	$ 72 87	42 87
$	-	$ 72 82	48 54
$	-	$ 72 80	51 26
$	-	$ 72 78	52.74
$	-	$ 72 73	61 64
$	-	$ 72 73	62 69
$	-	$ 72 62	93 11
$	-	$ 72 56	129 58
$	-	$ 72 54	157 68
$	-	$ 72 53	164 84
$	-	$ 72 48	278 77
$	-	$ 72 48	278 77
$	-	$ 72 48	301 98
$	-	$ 72 45	517 49
$	-	$ 72 44	603 69
$	-	$ 72 41	#DIV/0!
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$	-	$ 72.41	#DIV/0!
$	-	$ 72.41	#DIV/0!
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sum = $ 27,122.20

EXHIBIT RW-16

North San Saba Water Supply Corporation

Name	Dec Usg	Jan Usg	Feb Usg	Mar Usg	Apr Usg	Average Month Dec2015-Apr2016	Monthly Average	Percent of Total	Descending Cumulative Percent
O'Neill, Robert	0	0	0	0	559,500	111,900	111,900	7.69%	7.69%
Savoy, Rodney	0	16,240	11,690	0	259,620	57,510	57,510	3.95%	11.64%
Cobra Stone	56,680	51,250	19,490	40,460	32,010	39,978	39,978	2.75%	14.39%
Jacobs Stone	3,210	59,870	23,960	24,460	43,020	30,904	30,904	2.12%	16.51%
Miller, Paul	17,390	20,730	23,960	48,890	33,700	28,934	28,934	1.99%	18.50%
Gilger, David	5,350	29,570	16,340	65,230	11,730	25,644	25,644	1.76%	20.27%
Everett, Brad	5,100	8,490	9,730	92,490	10,960	25,354	25,354	1.74%	22.01%
Linn, Lewis	9,720	20,920	25,690	30,550	38,340	25,044	25,044	1.72%	23.73%
Rios, Jaime	11,190	16,020	13,570	3,850	72,610	23,448	23,448	1.61%	25.34%
Salter, James	2,860	109,830	0	0	0	22,538	22,538	1.55%	26.89%
Oliver, Clydene	18,130	25,520	20,680	25,520	22,270	22,424	22,424	1.54%	28.43%
Key, Charles	3,520	13,210	10,350	29,500	52,750	21,866	21,866	1.50%	29.93%
Cromer, James	36,050	22,660	16,410	15,030	7,090	19,448	19,448	1.34%	31.27%
Triple M Cattle Co	1,780	43,610	11,420	21,480	15,990	18,856	18,856	1.30%	32.57%
Jacobs Stone	1,990	35,240	14,370	14,300	25,190	18,218	18,218	1.25%	33.82%
Everett, Jim Bob	11,080	71,740	4,930	10	0	17,552	17,552	1.21%	35.02%
Cobra Stone	15,830	10,470	26,270	22,220	9,610	16,880	16,880	1.16%	36.18%
Shipman, Zachary	15,460	18,900	12,870	17,510	15,770	16,102	16,102	1.11%	37.29%
Stewart, Nancy	12,070	17,400	14,330	20,080	14,690	15,714	15,714	1.08%	38.37%
Martinez, Hector	19,370	14,600	14,130	16,550	12,940	15,518	15,518	1.07%	39.44%
Hamrick, Kim	7,400	9,440	5,760	7,720	37,530	13,570	13,570	0.93%	40.37%
Brister, Rayford	28,210	25,920	1,090	3,550	0	11,754	11,754	0.81%	41.18%
Edmondson, Lewis	15,070	0	0	13,850	29,780	11,740	11,740	0.81%	41.98%
Gabor, Martin	1,200	5,550	48,870	2,000	590	11,642	11,642	0.80%	42.78%
Meador, Eric	0	57,240	0	0	0	11,448	11,448	0.79%	43.57%
Gossett, Jarvis	16,620	6,590	7,340	16,580	4,120	10,250	10,250	0.70%	44.28%
Cromer, James	5,540	17,500	5,430	10,980	10,400	9,970	9,970	0.69%	44.96%
Goudreau, Dorin	5,760	13,680	9,800	8,640	11,600	9,896	9,896	0.68%	45.64%
Bagley, Dean	3,540	8,380	8,520	11,310	16,210	9,592	9,592	0.66%	46.30%
Weatherby, Marvin	10,020	12,070	9,550	10,180	5,910	9,546	9,546	0.66%	46.96%
Shahan, Jackie	6,560	6,640	13,590	4,930	15,600	9,464	9,464	0.65%	47.61%
Weyerts, Gene	8,710	11,920	7,580	15,870	3,150	9,446	9,446	0.65%	48.26%
Ellis, Mike	10,480	9,070	8,870	10,110	6,360	8,978	8,978	0.62%	48.87%
Howell, Janice	12,560	9,110	7,310	7,930	7,630	8,908	8,908	0.61%	49.49%
Womack, Tracy	4,700	8,220	6,790	11,960	11,520	8,638	8,638	0.59%	50.08%
Gilger, David	4,390	21,110	8,020	4,870	4,510	8,580	8,580	0.59%	50.67%
Addkison, Cheret	6,860	23,770	5,600	3,950	2,390	8,514	8,514	0.59%	51.25%
Proffitt, Travis	15,130	5,490	6,220	6,600	8,760	8,440	8,440	0.58%	51.83%
Weyerts, Zane	6,680	12,910	8,270	8,690	5,300	8,370	8,370	0.58%	52.41%
Barker, Richard	4,590	7,720	8,500	7,950	9,330	7,618	7,618	0.52%	52.93%
Bishop, Walter	4,070	5,630	6,430	12,140	9,530	7,560	7,560	0.52%	53.45%
Kidd, George DVM	3,830	8,650	9,970	9,880	5,420	7,550	7,550	0.52%	53.97%
Daniel, Denver	6,020	7,540	12,300	7,240	4,630	7,546	7,546	0.52%	54.49%
McIntosh, Jeffery	13,090	8,310	8,870	4,430	2,360	7,412	7,412	0.51%	55.00%
Williams, Brad	6,740	9,520	3,940	7,920	8,880	7,400	7,400	0.51%	55.51%
Wilson, Anna	2,520	7,910	18,270	4,240	3,070	7,202	7,202	0.49%	56.00%
Perry, Joel	3,730	4,720	6,840	18,130	2,560	7,196	7,196	0.49%	56.50%

Calculate Average Monthly V		
0-4K	4K to 8K	8K to 20K
$ 10.80	$ 20.28	$ 85.08
$ 10.80	$ 20.28	$ 85.08
$ 10.80	$ 20.28	$ 85.08
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$ 10.80	$ 20.28	$ 85.08
$ 10.80	$ 20.28	$ 81.17
$ 10.80	$ 20.28	$ 76.97
$ 10.80	$ 20.28	$ 72.45
$ 10.80	$ 20.28	$ 67.72
$ 10.80	$ 20.28	$ 62.93
$ 10.80	$ 20.28	$ 57.44
$ 10.80	$ 20.28	$ 54.69
$ 10.80	$ 20.28	$ 53.30
$ 10.80	$ 20.28	$ 39.49
$ 10.80	$ 20.28	$ 26.62
$ 10.80	$ 20.28	$ 28.52
$ 10.80	$ 20.28	$ 25.92
$ 10.80	$ 20.28	$ 24.45
$ 10.80	$ 20.28	$ 15.85
$ 10.80	$ 20.28	$ 13.97
$ 10.80	$ 20.28	$ 13.44
$ 10.80	$ 20.28	$ 11.29
$ 10.80	$ 20.28	$ 10.96
$ 10.80	$ 20.28	$ 10.33
$ 10.80	$ 20.28	$ 10.25
$ 10.80	$ 20.28	$ 6.93
$ 10.80	$ 20.28	$ 6.44
$ 10.80	$ 20.28	$ 4.52
$ 10.80	$ 20.28	$ 4.11
$ 10.80	$ 20.28	$ 3.64
$ 10.80	$ 20.28	$ 3.12
$ 10.80	$ 20.28	$ 2.62
$ 10.80	$ 18.34	$ -
$ 10.80	$ 18.05	$ -
$ 10.80	$ 18.00	$ -
$ 10.80	$ 17.98	$ -
$ 10.80	$ 17.30	$ -
$ 10.80	$ 17.24	$ -
$ 10.80	$ 16.23	$ -
$ 10.80	$ 16.20	$ -

EXHIBIT RW-16

McCoury, Waylon	6,160	6,890	7,630	8,050	7,190	7,184	7,184	0.49%	56.99%	$ 10.80	$ 16.14	$ -
Loeber, Martin	6,640	8,730	7,900	8,710	3,780	7,152	7,152	0.49%	57.48%	$ 10.80	$ 15.98	$ -
Isham, Stuart	4,840	7,130	5,650	6,590	10,330	6,908	6,908	0.47%	57.96%	$ 10.80	$ 14.74	$ -
Husky, Shelayna	9,120	13,580	8,120	2,340	1,380	6,908	6,908	0.47%	58.43%	$ 10.80	$ 14.74	$ -
Boswell, Elvis	5,450	2,940	7,720	9,360	8,890	6,872	6,872	0.47%	58.90%	$ 10.80	$ 14.56	$ -
Cox, Ross Sr	14,080	7,760	6,420	5,990	0	6,850	6,850	0.47%	59.38%	$ 10.80	$ 14.45	$ -
Romero, Jose	9,010	8,760	5,040	6,600	4,560	6,794	6,794	0.47%	59.84%	$ 10.80	$ 14.17	$ -
Little, Karen	5,550	9,800	7,550	4,870	5,300	6,614	6,614	0.45%	60.30%	$ 10.80	$ 13.25	$ -
Daugherty, Marcia	3,540	5,840	3,920	7,630	11,780	6,542	6,542	0.45%	60.75%	$ 10.80	$ 12.89	$ -
Dobie, Joe	3,850	11,580	5,200	6,730	5,090	6,490	6,490	0.45%	61.19%	$ 10.80	$ 12.62	$ -
Triple M Cattle Co	2,050	1,940	7,520	10,710	10,210	6,486	6,486	0.45%	61.64%	$ 10.80	$ 12.60	$ -
Watson, Johnny	5,230	7,740	5,740	7,940	5,180	6,366	6,366	0.44%	62.08%	$ 10.80	$ 12.00	$ -
Rankin, Jeff	3,880	5,220	9,240	10,720	2,570	6,326	6,326	0.43%	62.51%	$ 10.80	$ 11.79	$ -
Robertson, Will	5,160	10	0	12,190	13,860	6,244	6,244	0.43%	62.94%	$ 10.80	$ 11.38	$ -
Lusty, Fay	5,470	4,520	10,780	2,200	8,240	6,242	6,242	0.43%	63.37%	$ 10.80	$ 11.37	$ -
Harrell, Jr	5,770	7,600	6,070	7,200	4,490	6,226	6,226	0.43%	63.80%	$ 10.80	$ 11.29	$ -
Parades, Salvador	5,610	7,250	5,820	7,260	5,010	6,190	6,190	0.43%	64.22%	$ 10.80	$ 11.10	$ -
Dyer, Steve	5,620	6,940	7,510	6,980	3,660	6,142	6,142	0.42%	64.64%	$ 10.80	$ 10.86	$ -
Hawkins, Roland	4,130	13,560	4,180	5,060	3,740	6,134	6,134	0.42%	65.07%	$ 10.80	$ 10.82	$ -
Norris, Connie	4,010	10,730	6,660	5,930	3,010	6,068	6,068	0.42%	65.48%	$ 10.80	$ 10.48	$ -
Harrell, Woodson	5,290	5,670	15,340	2,970	1,000	6,054	6,054	0.42%	65.90%	$ 10.80	$ 10.41	$ -
Davis, Nathan	10,770	4,860	5,170	5,720	2,970	5,898	5,898	0.41%	66.30%	$ 10.80	$ 9.62	$ -
Cromer, James	9,950	6,010	3,780	9,580	160	5,896	5,896	0.41%	66.71%	$ 10.80	$ 9.61	$ -
Johnson, Robert A	4,240	4,830	13,830	0	6,400	5,860	5,860	0.40%	67.11%	$ 10.80	$ 9.43	$ -
Baxter, Randy	5,880	7,140	5,750	5,690	4,790	5,850	5,850	0.40%	67.51%	$ 10.80	$ 9.38	$ -
Faught, Jim	0	14,510	4,450	5,730	4,400	5,818	5,818	0.40%	67.91%	$ 10.80	$ 9.22	$ -
Salomon, Rudolf	5,790	6,410	4,220	7,150	4,400	5,594	5,594	0.38%	68.30%	$ 10.80	$ 8.08	$ -
Flores, Gilberto	9,830	6,490	3,170	4,650	2,900	5,408	5,408	0.37%	68.67%	$ 10.80	$ 7.14	$ -
Melton, Jeanne	4,370	6,110	5,240	5,820	4,440	5,196	5,196	0.36%	69.03%	$ 10.80	$ 6.06	$ -
Friday San Saba Ranch	8,800	7,650	4,890	3,870	210	5,084	5,084	0.35%	69.38%	$ 10.80	$ 5.50	$ -
Lebow, James	3,390	6,390	4,300	6,000	5,250	5,066	5,066	0.35%	69.72%	$ 10.80	$ 5.40	$ -
Guerrero, Alejandra	4,240	6,330	4,690	5,310	4,720	5,058	5,058	0.35%	70.07%	$ 10.80	$ 5.36	$ -
Pierce, Jan	5,140	5,910	4,170	5,610	4,190	5,004	5,004	0.34%	70.42%	$ 10.80	$ 5.09	$ -
Hardy, W N	910	1,050	4,510	9,550	8,930	4,990	4,990	0.34%	70.76%	$ 10.80	$ 5.02	$ -
Behrens, Thomas	4,310	6,000	4,750	5,570	4,170	4,960	4,960	0.34%	71.10%	$ 10.80	$ 4.87	$ -
Hamrick, Connie	4,410	5,750	3,720	5,340	4,260	4,696	4,696	0.32%	71.42%	$ 10.80	$ 3.53	$ -
Reeves, Henry	3,140	4,240	3,610	7,370	5,080	4,688	4,688	0.32%	71.75%	$ 10.80	$ 3.49	$ -
Hibler, G H	10,560	2,880	2,380	5,230	2,180	4,646	4,646	0.32%	72.06%	$ 10.80	$ 3.28	$ -
Lackey, Yoko	0	23,020	0	0	0	4,604	4,604	0.32%	72.38%	$ 10.80	$ 3.06	$ -
Amthor, George III	3,200	6,470	4,750	4,540	4,020	4,596	4,596	0.32%	72.70%	$ 10.80	$ 3.02	$ -
Newlin, L K	3,880	5,440	4,870	5,890	2,670	4,550	4,550	0.31%	73.01%	$ 10.80	$ 2.79	$ -
Bush, Clay	8,880	4,240	2,840	3,790	2,930	4,536	4,536	0.31%	73.32%	$ 10.80	$ 2.72	$ -
Barfield, John	4,950	4,440	3,830	6,550	2,700	4,494	4,494	0.31%	73.63%	$ 10.80	$ 2.50	$ -
Mahan, Dane	3,050	4,520	3,220	8,510	3,050	4,470	4,470	0.31%	73.94%	$ 10.80	$ 2.38	$ -
Everett, Joe Bob	1,580	4,460	3,060	11,340	1,890	4,466	4,466	0.31%	74.24%	$ 10.80	$ 2.36	$ -
Oliver, John J	8,420	7,440	1,330	2,850	1,950	4,398	4,398	0.30%	74.55%	$ 10.80	$ 2.02	$ -
Hale, Allen	3,950	5,790	4,160	4,910	3,080	4,378	4,378	0.30%	74.85%	$ 10.80	$ 1.92	$ -
Reavis, Mike	4,040	4,290	3,880	3,150	6,420	4,356	4,356	0.30%	75.15%	$ 10.80	$ 1.80	$ -
Boswell, H M	3,980	4,750	3,990	4,820	4,080	4,324	4,324	0.30%	75.44%	$ 10.80	$ 1.64	$ -
Alexander, Neal	5,060	4,890	3,640	4,440	3,440	4,294	4,294	0.30%	75.74%	$ 10.80	$ 1.49	$ -
Tolar, George	3,530	4,630	4,530	5,210	3,420	4,264	4,264	0.29%	76.03%	$ 10.80	$ 1.34	$ -
Kelly, Linda	3,990	4,490	4,010	5,390	3,280	4,232	4,232	0.29%	76.32%	$ 10.80	$ 1.18	$ -
Ridgway, Raymond	1,750	4,050	2,670	2,200	10,400	4,214	4,214	0.29%	76.61%	$ 10.80	$ 1.08	$ -

EXHIBIT RW-16

Turner, Joseph	4,700	6,100	4,060	6,210	0	4,214	4,214	0.29%	76 90%	$ 10 80	$ 1.08	$ -
Lackey, Darrel	3,900	5,690	3,390	2,400	5,610	4,198	4,198	0.29%	77 19%	$ 10 80	$ 1.00	$ -
Adams, Buddy	3,920	4,950	3,370	8,690	0	4,186	4,186	0.29%	77 48%	$ 10 80	$ 0 94	$ -
Edmondson, Caryl	0	0	850	6,920	12,750	4,104	4,104	0 28%	77.76%	$ 10 80	$ 0.53	$ -
Casbeer, Dorethea	3,870	5,740	3,500	1,640	5,680	4,086	4,086	0.28%	78.04%	$ 10 80	$ 0 44	$ -
Rocky Ranch House	3,580	4,810	4,530	3,680	3,590	4,038	4,038	0 28%	78.32%	$ 10 80	$ 0.19	$ -
Rodeo Arena	630	420	740	5 840	12,510	4,028	4,028	0.28%	78 60%	$ 10 80	$ 0 14	$ -
Hoyt, Justin	3,070	4,490	3,180	6,380	2,970	4,018	4,018	0.28%	78 87%	$ 10 80	$ 0 09	$ -
Shaw, Frank	1,510	1,930	1,420	9,400	5,730	3,998	3,998	0.27%	79.15%	$ 10.79	$ -	$ -
Trotter, Patsy	3,980	6,730	3,010	4,340	1,880	3,988	3,988	0.27%	79 42%	$ 10.77	$ -	$ -
Miller, Richard	4,370	5,280	2,840	4,170	3,270	3,986	3,986	0.27%	79 69%	$ 10 76	$ -	$ -
Anderson, Rich	3,590	4,670	3,780	4,980	2,830	3,970	3,970	0.27%	79 97%	$ 10 72	$ -	$ -
Melton, Jeanne	4,580	3,790	3,120	5,320	3,000	3,962	3,962	0.27%	80 24%	$ 10 70	$ -	$ -
Wells, Joseph	3,440	4,480	4,650	3,870	3,010	3,890	3,890	0 27%	80 51%	$ 10 50	$ -	$ -
Spence, Charlotte	3,760	5,100	3,440	4,460	2,520	3,856	3,856	0.27%	80 77%	$ 10 41	$ -	$ -
Baskin, Rick	3,820	4,980	4,990	3,400	2,040	3,846	3,846	0.26%	81 04%	$ 10 38	$ -	$ -
Sprouse, Karl	3,140	3,470	3,920	5,210	3,260	3,800	3,800	0.26%	81.30%	$ 10.26	$ -	$ -
Burnett, Steve	2,680	5,170	2,960	4,820	3,360	3,798	3,798	0.26%	81 56%	$ 10 25	$ -	$ -
Ragsdale, Lee	3,810	4,700	3,430	4,050	2,770	3,752	3,752	0.26%	81 82%	$ 10 13	$ -	$ -
Kraft, Wymond	2,870	4,800	3,050	2,310	5,350	3,676	3,676	0.25%	82 07%	$ 9 93	$ -	$ -
Isham, Worth	4,230	2,610	3,310	4,600	3,490	3,648	3,648	0.25%	82 32%	$ 9 85	$ -	$ -
Haug, Leif	2,630	4,580	2,690	4,640	3,580	3,624	3,624	0 25%	82 57%	$ 9 78	$ -	$ -
Cervantes, Ignacio	0	0	2,740	5,130	10,220	3,618	3,618	0.25%	82 82%	$ 9 77	$ -	$ -
Billingsley, Joe	4,540	3,950	3,440	3,640	2,400	3,594	3,594	0.25%	83 06%	$ 9 70	$ -	$ -
Coronado, Veronica	2,910	3,770	3,940	4,050	2,860	3,506	3,506	0.24%	83.31%	$ 9.47	$ -	$ -
Oliver, Keith	3,230	4,640	3,120	4,630	1,690	3,462	3,462	0.24%	83 54%	$ 9 35	$ -	$ -
Paredez, Andy	3,210	3,930	3,190	4,360	2,670	3,454	3,454	0.24%	83 78%	$ 9 33	$ -	$ -
Maldonado, Carl	3,230	3,240	4,080	3,800	2,720	3,414	3,414	0.23%	84 02%	$ 9 22	$ -	$ -
Ivy, Mike	3,190	5,180	2,740	3,310	2,490	3,382	3,382	0.23%	84 25%	$ 9.13	$ -	$ -
Allison, Albert	2,970	4,410	2,870	3,930	2,720	3,380	3,380	0 23%	84 48%	$ 9.13	$ -	$ -
Stewart, Bert	4,180	2,770	3,120	4,690	1,750	3,302	3,302	0.23%	84 71%	$ 8 92	$ -	$ -
Esquivel, Lorenzo	3,020	3,540	3,770	3,350	2,820	3,300	3,300	0.23%	84 93%	$ 8 91	$ -	$ -
Cummings, Charlie	0	4,130	3,750	6,970	1,600	3,290	3,290	0.23%	85 16%	$ 8.88	$ -	$ -
Rocking Horse Ranch	5,720	3,320	3,670	2,780	640	3,226	3,226	0 22%	85 38%	$ 8 71	$ -	$ -
Jacobson, Mitchell	10,560	1,000	0	3,000	950	3,102	3,102	0.21%	85 59%	$ 8 38	$ -	$ -
Bourke, David	2,990	3,050	2,310	3,250	3,750	3,070	3,070	0.21%	85 81%	$ 8.29	$ -	$ -
Carroll, W D	2,720	5,990	1,250	2,870	2,400	3,046	3,046	0.21%	86 02%	$ 8.22	$ -	$ -
Blossman, J H	2,690	3,520	2,860	3,620	2,520	3,042	3,042	0.21%	86 22%	$ 8 21	$ -	$ -
Pavey, Alvin	2,920	4,080	2,450	3,310	2,430	3,038	3,038	0.21%	86 43%	$ 8.20	$ -	$ -
Ferrell, Rick	2,630	2,910	3,590	3,060	2,760	2,990	2,990	0.21%	86 64%	$ 8 07	$ -	$ -
Tews, Kenneth	3,550	3,200	2,660	3,120	2,300	2,966	2,966	0.20%	86.84%	$ 8.01	$ -	$ -
Goode, W F	2,610	3,190	2,600	3,740	2,670	2,962	2,962	0.20%	87 05%	$ 8 00	$ -	$ -
Whitten, Robert M	2,880	5,270	2,020	3,210	1,250	2,926	2,926	0 20%	87.25%	$ 7 90	$ -	$ -
Timmons, Jim	1,180	1,800	2,820	5,380	3,340	2,904	2,904	0.20%	87 45%	$ 7 84	$ -	$ -
Mann, Richard	2,480	3,060	2,900	3,150	2,910	2,900	2,900	0.20%	87.65%	$ 7.83	$ -	$ -
Millican, Bob	5,180	3,520	0	5,600	170	2,894	2,894	0.20%	87 84%	$ 7 81	$ -	$ -
Childers, Jana	2,300	2,820	5,480	3,490	370	2,892	2,892	0.20%	88 04%	$ 7.81	$ -	$ -
Blossman, David	2,560	3,410	3,120	2,380	2,970	2,888	2,888	0.20%	88 24%	$ 7 80	$ -	$ -
Weese, Jim	2,230	2,660	2,710	2,630	4,190	2,884	2,884	0.20%	88 44%	$ 7 79	$ -	$ -
McIntosh, Hulan	2,300	2,170	2,120	3,480	4,310	2,876	2,876	0.20%	88.64%	$ 7.77	$ -	$ -
Wilson, Darlene	3,280	4,510	1,850	2,220	2,500	2,872	2,872	0.20%	88 84%	$ 7 75	$ -	$ -
Sanderson, Ronald	3,300	3,820	1,910	2,620	2,620	2,854	2,854	0.20%	89 03%	$ 7 71	$ -	$ -
Cummins, Joe	1,890	3,460	7,160	1,690	0	2,840	2,840	0.20%	89 23%	$ 7 67	$ -	$ -

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Diaz, Enedina	3,940	4,070	2,520	2,690	910	2,826	2,826	0.19%	89.42%	$ 7.63	$ -	$ -
Sonshine Ministries	2,850	360	1,290	3,470	6,130	2,820	2,820	0.19%	89.61%	$ 7.61	$ -	$ -
Burnham, Don	5,650	4,410	1,670	1,080	1,170	2,796	2,796	0.19%	89.81%	$ 7.55	$ -	$ -
North American Hunters	7,430	3,510	350	710	1,770	2,754	2,754	0.19%	90.00%	$ 7.44	$ -	$ -
Gage, Milton	3,200	3,230	2,110	2,610	2,520	2,734	2,734	0.19%	90.18%	$ 7.38	$ -	$ -
Tatsch, Angela	3,240	3,050	2,980	2,880	1,420	2,714	2,714	0.19%	90.37%	$ 7.33	$ -	$ -
Harkey, Jim	2,890	3,200	2,100	2,400	2,970	2,712	2,712	0.19%	90.56%	$ 7.32	$ -	$ -
Danford, Kim	430	3,960	2,620	4,010	2,430	2,690	2,690	0.18%	90.74%	$ 7.26	$ -	$ -
Vogel, Gary	2,380	3,200	2,380	3,010	2,240	2,642	2,642	0.18%	90.92%	$ 7.13	$ -	$ -
Gage, Travis	3,670	2,650	2,400	2,120	2,300	2,628	2,628	0.18%	91.10%	$ 7.10	$ -	$ -
Surita, Juan	2,790	2,120	2,100	3,820	2,200	2,606	2,606	0.18%	91.28%	$ 7.04	$ -	$ -
Smith, Lloyd	2,430	2,470	2,550	3,650	1,790	2,578	2,578	0.18%	91.46%	$ 6.96	$ -	$ -
San Saba Airport	9,760	690	890	880	580	2,560	2,560	0.18%	91.64%	$ 6.91	$ -	$ -
Blankenship, Jerry	1,810	2,720	2,900	3,180	2,020	2,526	2,526	0.17%	91.81%	$ 6.82	$ -	$ -
Huffstetler, Mark	2,470	3,020	2,210	2,730	2,020	2,490	2,490	0.17%	91.98%	$ 6.72	$ -	$ -
Smith, Larry	1,060	2,230	3,990	2,760	2,320	2,472	2,472	0.17%	92.15%	$ 6.67	$ -	$ -
Whatley, Roger	0	3,370	730	4,650	3,590	2,468	2,468	0.17%	92.32%	$ 6.66	$ -	$ -
Miller, Richard	2,910	1,950	7,140	200	120	2,464	2,464	0.17%	92.49%	$ 6.65	$ -	$ -
Edmondson, Mabel	1,290	2,200	1,590	2,850	4,220	2,430	2,430	0.17%	92.66%	$ 6.56	$ -	$ -
Trejo, Videl Tony	2,980	3,520	2,590	3,040	0	2,426	2,426	0.17%	92.82%	$ 6.55	$ -	$ -
Stevenson, C K	2,960	2,340	2,360	2,720	1,740	2,424	2,424	0.17%	92.99%	$ 6.54	$ -	$ -
Sanderson, Mrs J T	1,380	2,020	1,800	3,390	3,490	2,416	2,416	0.17%	93.16%	$ 6.52	$ -	$ -
Van Gorp, Don	2,060	2,660	2,190	2,660	2,170	2,348	2,348	0.16%	93.32%	$ 6.34	$ -	$ -
Oswald, J C	250	320	11,100	0	0	2,334	2,334	0.16%	93.48%	$ 6.30	$ -	$ -
Hardy, Billy R	2,320	1,740	2,200	2,900	2,350	2,302	2,302	0.16%	93.64%	$ 6.22	$ -	$ -
Horn, C G	2,490	2,810	1,980	2,140	1,890	2,262	2,262	0.16%	93.79%	$ 6.11	$ -	$ -
Martinez, Maria	1,100	4,350	1,700	2,420	1,700	2,254	2,254	0.15%	93.95%	$ 6.09	$ -	$ -
Brozo, Jim	1,220	4,420	2,350	2,260	1,010	2,252	2,252	0.15%	94.10%	$ 6.08	$ -	$ -
House, Richard	4,870	2,300	3,010	810	260	2,250	2,250	0.15%	94.26%	$ 6.08	$ -	$ -
McLaughlin, Bettye	1,300	3,740	2,630	1,660	1,530	2,172	2,172	0.15%	94.41%	$ 5.86	$ -	$ -
Moorhead, Orban	1,080	590	2,060	4,670	2,440	2,168	2,168	0.15%	94.55%	$ 5.85	$ -	$ -
Cuevas, Ivan	100	0	2,800	4,800	3,010	2,142	2,142	0.15%	94.70%	$ 5.78	$ -	$ -
Taff, Roxie	1,880	2,500	2,020	2,200	2,030	2,126	2,126	0.15%	94.85%	$ 5.74	$ -	$ -
Hardy, Bobby J	2,090	2,120	2,080	2,570	1,580	2,088	2,088	0.14%	94.99%	$ 5.64	$ -	$ -
Beckes, Kate	1,400	3,530	1,830	1,870	1,800	2,086	2,086	0.14%	95.13%	$ 5.63	$ -	$ -
Maultsby, Roy	1,410	2,000	2,000	2,160	2,850	2,084	2,084	0.14%	95.28%	$ 5.63	$ -	$ -
Taff, W J	990	3,890	3,490	1,900	0	2,054	2,054	0.14%	95.42%	$ 5.55	$ -	$ -
Burnham, Don	2,070	2,060	2,900	2,150	970	2,030	2,030	0.14%	95.56%	$ 5.48	$ -	$ -
Leonards Big Valley Farms	10,080	0	0	0	0	2,016	2,016	0.14%	95.70%	$ 5.44	$ -	$ -
Davis, Kelly	1,470	3,340	1,050	2,210	1,780	1,970	1,970	0.14%	95.83%	$ 5.32	$ -	$ -
Blossman, Donna	3,150	2,080	1,370	1,820	1,190	1,922	1,922	0.13%	95.96%	$ 5.19	$ -	$ -
Wood, Dianne	1,650	2,270	1,770	2,280	1,570	1,908	1,908	0.13%	96.10%	$ 5.15	$ -	$ -
Page, Nelson	1,550	1,700	1,090	1,580	3,430	1,870	1,870	0.13%	96.22%	$ 5.05	$ -	$ -
Johnson, Dee	1,500	1,000	2,520	2,090	1,640	1,750	1,750	0.12%	96.34%	$ 4.73	$ -	$ -
Smith, Kathryn	1,510	1,070	2,200	1,940	1,860	1,716	1,716	0.12%	96.46%	$ 4.63	$ -	$ -
Behrens Farm	1,020	2,470	4,040	440	560	1,706	1,706	0.12%	96.58%	$ 4.61	$ -	$ -
Crockett, Roger	1,140	1,440	1,250	1,480	2,340	1,530	1,530	0.11%	96.68%	$ 4.13	$ -	$ -
Kirk, Regan	3,090	3,870	200	340	20	1,504	1,504	0.10%	96.79%	$ 4.06	$ -	$ -
Ketchum, Leroy	1,130	1,750	1,460	1,710	1,280	1,466	1,466	0.10%	96.89%	$ 3.96	$ -	$ -
Bishop, Scott	1,010	990	1,970	2,010	1,040	1,404	1,404	0.10%	96.99%	$ 3.79	$ -	$ -
Sanderson, Gary	1,070	3,130	700	1,680	430	1,402	1,402	0.10%	97.08%	$ 3.79	$ -	$ -
San Saba Co Precinct 1	0	0	0	0	6,900	1,380	1,380	0.09%	97.18%	$ 3.73	$ -	$ -
Warren, Jackie	2,860	3,000	90	400	260	1,322	1,322	0.09%	97.27%	$ 3.57	$ -	$ -

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Blaylock, Joseph Wayne	1,130	1,920	970	1,340	1,240	1,320	1,320	0.09%	97 36%	$ 3 56	$ -	$ -
Perry, J D	1,260	1,510	1,480	1,500	830	1,316	1,316	0.09%	97 45%	$ 3.55	$ -	$ -
Spinks, Peggy	1,080	1,960	1,170	1,150	700	1,212	1,212	0.08%	97.53%	$ 3.27	$ -	$ -
Johanson, Lamar	30	60	2,210	150	3,490	1,188	1,188	0.08%	97 61%	$ 3 21	$ -	$ -
Ragsdale, Joe	630	1,290	710	1,730	1,190	1,110	1,110	0.08%	97.69%	$ 3 00	$ -	$ -
Bauer, Lendon	3,770	1,610	0	0	0	1,076	1,076	0.07%	97.76%	$ 2 91	$ -	$ -
Little, Willie	230	650	2,690	1,120	560	1,050	1,050	0.07%	97 84%	$ 2 84	$ -	$ -
Brust, Daniel	0	0	5,150	50	50	1,050	1,050	0.07%	97 91%	$ 2 84	$ -	$ -
May, David	960	1,330	2,950	0	0	1,048	1,048	0.07%	97.98%	$ 2 83	$ -	$ -
Buttery, John	1,320	3,010	0	780	100	1,042	1,042	0.07%	98.05%	$ 2 81	$ -	$ -
Sedberry Ranch	1,830	880	980	1,110	410	1,042	1,042	0.07%	98 12%	$ 2.81	$ -	$ -
Allen, Wade	640	960	970	2,080	410	1,012	1,012	0 07%	98.19%	$ 2 73	$ -	$ -
Davis, Ross/ Frost Bank	1,350	440	1,090	1,150	1,000	1,006	1,006	0.07%	98 26%	$ 2.72	$ -	$ -
Daniel, Robert	180	1,020	0	220	3,530	990	990	0.07%	98 33%	$ 2 67	$ -	$ -
Combs, Barbara	1,200	3,750	0	0	0	990	990	0.07%	98 40%	$ 2 67	$ -	$ -
Gilger, David	1,410	990	2,340	100	100	988	988	0.07%	98 47%	$ 2 67	$ -	$ -
Timmons, Kasey	1,170	1,870	800	0	1,030	974	974	0.07%	98 53%	$ 2 63	$ -	$ -
Robert Berryhill	1,070	1,040	730	1,110	640	918	918	0.06%	98 60%	$ 2 48	$ -	$ -
Hartranft, Regan	840	980	900	1,020	620	872	872	0.06%	98 66%	$ 2.35	$ -	$ -
Dahm, Lida	1,350	650	80	960	1,210	850	850	0.06%	98 71%	$ 2 30	$ -	$ -
Lambert, Ricky	90	100	0	2,730	1,230	830	830	0.06%	98 77%	$ 2 24	$ -	$ -
McIntosh, Billy Joe	620	940	660	1,060	850	826	826	0.06%	98 83%	$ 2.23	$ -	$ -
Smart, David	940	1,470	760	520	90	756	756	0.05%	98.88%	$ 2 04	$ -	$ -
Millican, Mike	80	2,380	550	730	0	748	748	0.05%	98 93%	$ 2.02	$ -	$ -
Lindsey, Mary	480	800	630	630	1,200	748	748	0.05%	98 98%	$ 2 02	$ -	$ -
Hibler, Scotty	800	1,040	260	530	1,090	744	744	0.05%	99.03%	$ 2 01	$ -	$ -
Taff, William T	370	2,310	220	380	440	744	744	0.05%	99 09%	$ 2 01	$ -	$ -
Railsback, Wade	690	280	410	330	1,900	722	722	0.05%	99 13%	$ 1 95	$ -	$ -
Chamberlain, John	2,280	1,200	0	0	0	696	696	0.05%	99.18%	$ 1 88	$ -	$ -
Early, Johnette	390	0	0	3,060	0	690	690	0.05%	99 23%	$ 1 86	$ -	$ -
Mullinix, Patrick	710	770	810	550	550	678	678	0.05%	99.28%	$ 1 83	$ -	$ -
Kidd, George	230	340	1,070	1,060	600	660	660	0 05%	99 32%	$ 1 78	$ -	$ -
Holloway, John T	1,720	1,020	210	180	90	644	644	0.04%	99 37%	$ 1 74	$ -	$ -
Jones, Tim	1,720	700	360	30	350	632	632	0.04%	99 41%	$ 1.71	$ -	$ -
Johanson, Marilyn	1,250	830	330	50	490	590	590	0.04%	99 45%	$ 1 59	$ -	$ -
Tallent, Stacey	970	1,140	220	400	30	552	552	0 04%	99 49%	$ 1.49	$ -	$ -
Payton, Dickie	1,350	700	0	420	140	522	522	0.04%	99.52%	$ 1 41	$ -	$ -
Bearden, J M.	610	480	380	630	390	498	498	0.03%	99 56%	$ 1 34	$ -	$ -
Espinoza Stone	10	790	770	510	300	476	476	0.03%	99 59%	$ 1 29	$ -	$ -
Oliver, William H.	560	1,040	90	390	200	456	456	0.03%	99 62%	$ 1 23	$ -	$ -
Moorhead, Mike	1,120	50	320	190	310	398	398	0.03%	99.65%	$ 1.07	$ -	$ -
Dyer Ranch House	1,100	500	30	20	300	390	390	0 03%	99 68%	$ 1 05	$ -	$ -
Free, Suzie	0	0	0	570	1,270	368	368	0.03%	99.70%	$ 0.99	$ -	$ -
Pecan Grove Bapt. Church	140	390	320	600	250	340	340	0.02%	99 73%	$ 0 92	$ -	$ -
Barrera, Ed	630	110	40	820	40	328	328	0.02%	99 75%	$ 0 89	$ -	$ -
Church of the Open Door	140	230	280	420	320	278	278	0.02%	99.77%	$ 0 75	$ -	$ -
Miller, Richard	0	0	1,350	0	0	270	270	0 02%	99 79%	$ 0 73	$ -	$ -
Isham, Worth	440	880	0	0	0	264	264	0.02%	99 80%	$ 0 71	$ -	$ -
House, Jerry	240	270	290	290	220	262	262	0.02%	99.82%	$ 0 71	$ -	$ -
Reavis, Mike	0	0	1,270	0	0	254	254	0.02%	99.84%	$ 0 69	$ -	$ -
Aten, W E.	30	20	310	290	550	240	240	0.02%	99.86%	$ 0 65	$ -	$ -
Perry, Marshall	110	30	100	660	220	224	224	0.02%	99 87%	$ 0 60	$ -	$ -
Bannister, Nancy	60	940	60	40	20	224	224	0.02%	99 89%	$ 0 60	$ -	$ -