

Joint Meeting
Water Conservation Committee for the City of Santa Fe (WCC)
and
Water Policy Advisory Committee for the County of Santa Fe (WPAC)

Thursday, May 30, 2019
Fogelson Library, University of Art and Design Campus
1600 St. Michael's Drive
4:00pm – 6:00pm

Agenda

Call to Order

Approval of February Minutes

Introductions of Meeting & Participants (15 Minutes)– County Commissioner Anna Hamilton,
City Councilor Carol Romero-Wirth, Chair WCC & Mary Helen Follingstad, Chair, WPAC

Current Status of City's Water Conservation Program, Christine Chavez (15 Minutes)

Current Status of County's Sustainability Program, Claudia Borchert (15 Minutes)

Committee Discussion items:

5-year plan process and timeline, Christine Chavez or WCC member

Brainstorming sessions on following areas of potential collaboration

- Outdoor Irrigation
- Domestic Wells
- Restaurant Rebate Program
- Outreach for New Residents
- Chapter 25 Emergency Drought Procedures

Matters from the Public

Adjourn

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| <p>RECEIVED AT THE CITY CLERK'S OFFICE DATE: <u>May 23, 2019</u> TIME: <u>5:01 PM</u></p> |
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**SUMMARY OF ACTION
JOINT MEETING
WATER CONSERVATION COMMITTEE, CITY OF SANTA FE
WATER POLICY ADVISORY COMMITTEE, COUNTY OF SANTA FE
FOGELSON LIBRARY, MIDTOWN CAMPUS
1600 ST. MICHAELS DRIVE
THURSDAY, MAY 30, 2019, 4:00 PM**

| <u>ITEM</u> | <u>ACTION</u> | <u>PAGE</u> |
|---|-------------------------------|--------------------|
| CALL TO ORDER | | 1 |
| INTRODUCTIONS OF MEETING AND PARTICIPANTS | INFORMATION/DISCUSSION | 1 |
| CURRENT STATUS OF CITY'S WATER CONSERVATION PROGRAM | INFORMATION/DISCUSSION | 1 |
| CURRENT STATUS OF COUNTY'S SUSTAINABILITY PROGRAM | INFORMATION/DISCUSSION | 1 |
| COMMITTEE DISCUSSION AND BRAINSTORMING ON AREAS OF POTENTIAL COLLABORATION | INFORMATION/DISCUSSION | 1-2 |
| MATTERS FROM THE PUBLIC | INFORMATION/DISCUSSION | 2 |
| ADJOURN | INFORMATION/DISCUSSION | 2 |

**JOINT MEETING
WATER CONSERVATION COMMITTEE, CITY OF SANTA FE
WATER POLICY ADVISORY COMMITTEE, COUNTY OF SANTA FE
FOGELSON LIBRARY, MIDTOWN CAMPUS
1600 ST. MICHAELS DRIVE
THURSDAY, MAY 30, 2019, 4:00 PM**

1. CALL TO ORDER

The Joint meeting of the Water Conservation Committee and the Water Policy Advisory Committee was called to order by Councilor Carol Romero-Wirth at 4:00 pm, on Thursday, May 30, 2019, at the Fogelson Library on the Midtown Campus, 1600 St. Michaels Drive, Santa Fe New Mexico.

**2. INTRODUCTIONS OF MEETING AND PARTICIPANTS
COUNCILOR CAROL ROMERO-WIRTH, COMMISSIONER ANNA HAMILTON
MARY HELEN FOLLINGSTAD, CHAIR WPAC**

The City and County Water Committee members introduced themselves.

**3. CURRENT STATUS OF CITY'S WATER CONSERVATION PROGRAM
Christine Chavez**

Ms. Chavez made a power point presentation on the Status of the City's Water Conservation Program.

The presentation is attached herewith to these minutes as Exhibit "1".

**4. CURRENT STATUS OF COUNTY'S SUSTAINABILITY PROGRAM
Claudia Borchert**

Ms. Borchert made a presentation on the Status of the County's Sustainability Program.

The presentation is attached herewith to these minutes as Exhibit "2".

**5. COMMITTEE DISCUSSION AND BRAINSTORMING ON AREAS OF
POTENTIAL COLLABORATION**

There was discussion regarding water issues and possible areas of collaboration.

It was decided that the primary area of collaboration at this time would be to work on a joint drought management plan. A subcommittee will be organized that will include members from both water committees to begin working on the process for collaborating on a plan.

6. MATTERS FROM THE PUBLIC

Several comments were made from members of the public regarding water issues.

7. ADJOURN

There being no further business before the committees the meeting adjourned at 6:00 pm.

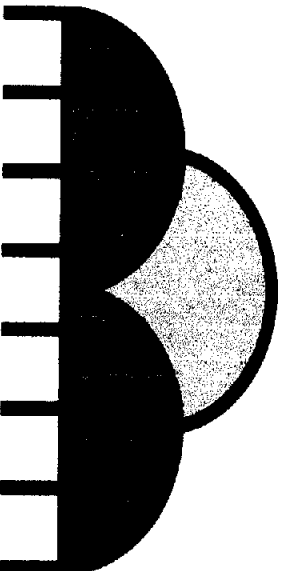
Councilor Romero-Wirth, Co Chair



Elizabeth Martin, Stenographer

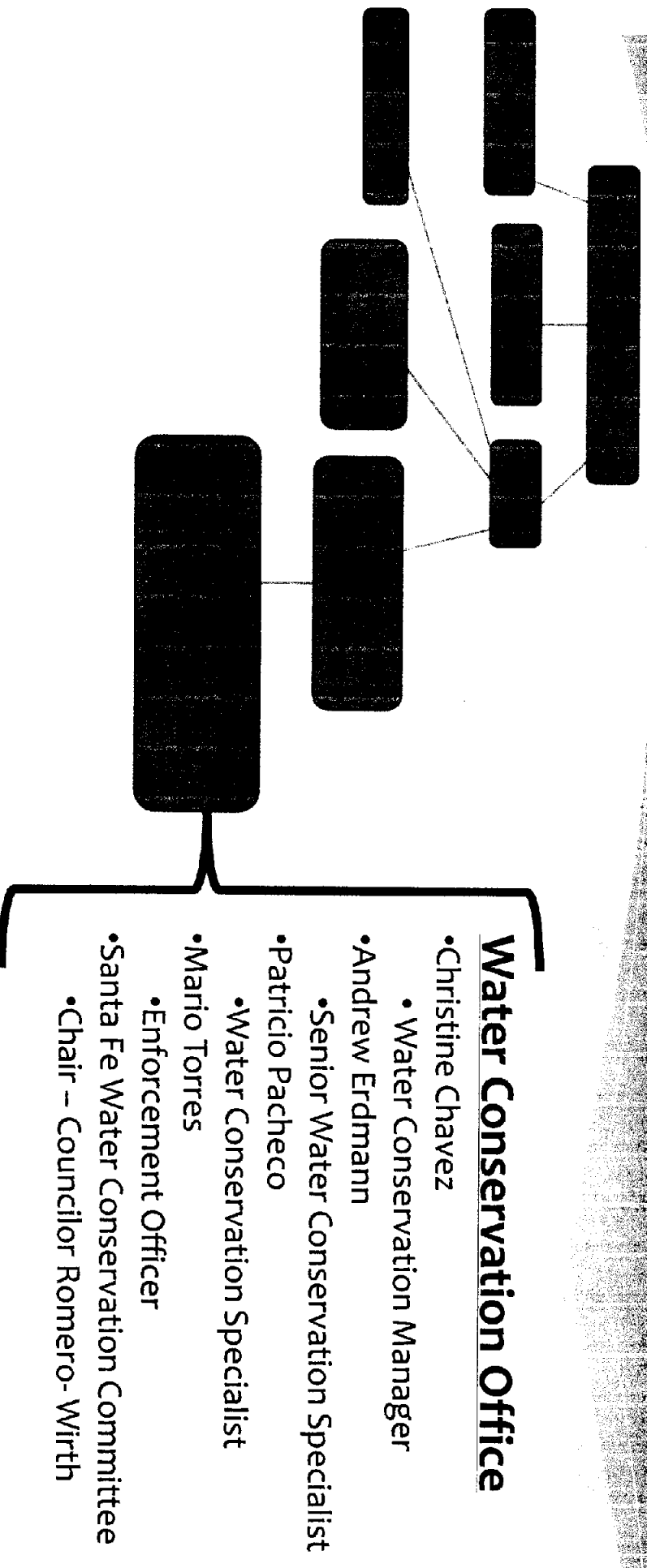
Exhibit
"9"

Water Conservation Strategies for the Santa Fe Region



SANTA FE

Water Conservation Program



Water Conservation Scorecard

Set Annual Goals



Develop Performance Indicators & Track Performance



Conservation Committee Evaluates Success, Scores the Program, & Updates Goals for the Following Year

| Program | Status | Key Performance Indicators for 2018 | Accomplishments | no progress | some progress | significant progress |
|---|-----------------|---|---|-------------|---------------|----------------------|
| Education Initiative (Passport Program) <i>A collaboration of several city entities to educate 4th grade students on where our water comes from, how it is treated, where wastewater goes and how it is treated and recycled, and how recycling and energy play a role</i> | Ongoing Program | <ul style="list-style-type: none"> 15 classes participating More robust assessment Transition from Common Core to Next Gen Science Standards Add poster contest component | <ul style="list-style-type: none"> Goal met 63% increase in knowledge between pre- and post-test Aligned with Next Generation Math & Science goals | | | ✓ |
| Expand Passport Program to 5th Grade | New Program | <ul style="list-style-type: none"> Encourage/track participation of Passport Program students | <ul style="list-style-type: none"> Mission Accomplished | | | ✓ |
| Children's Water Fiesta <i>A long-standing program which will be expanded and incorporated into the Education Initiative, above</i> | Ongoing Program | <ul style="list-style-type: none"> Increase attendance from 650 to 850 students Obtain greater feedback/assessment from teachers Develop tie-in activity Develop additional presentation activities, including improvement of peer-to-peer activities presented by high school students | <ul style="list-style-type: none"> Attendance goal met Improved feedback process goal met Still Working on the Tie-in Activity Successful peer-to-peer process Next Year's goals = performance and measurement instead of attendance | | | |

Water Conservation Scorecard

* **Education Outreach**

- * Passport Program
- * Children's Water Fiesta
- * Santa Fe Watershed

* **Communication & Customer Service**

- * Eye on Water Participation
- * Continuous Flow Program
- * Outdoor Rebates
- * Residential Rebates
- * Commercial Rebates

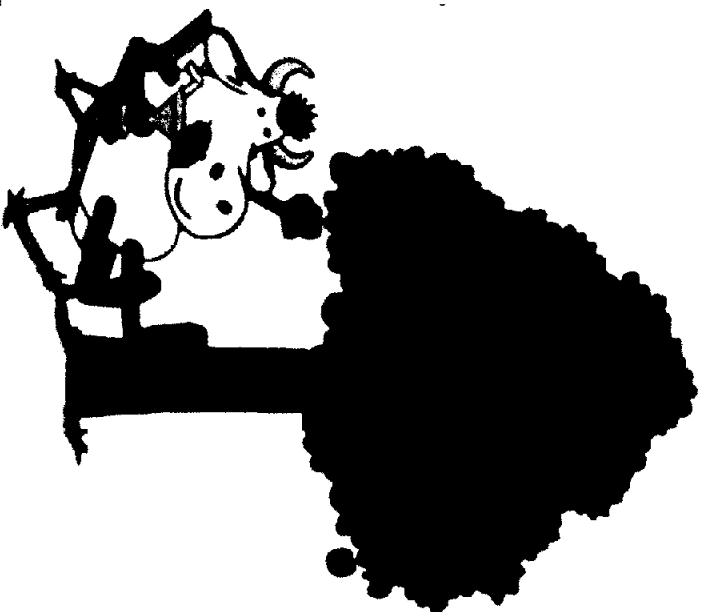
* **Effective Program Management**

- * Strategic Marketing Plan
- * Water Conservation Committee
- * Integration with Water Resources

* **Stewardship and Conservation**

- * Regional Collaborations
- * County Collaborations
- * Sustainability Plan Integration

Opportunities for Collaboration



“low-hanging fruit”

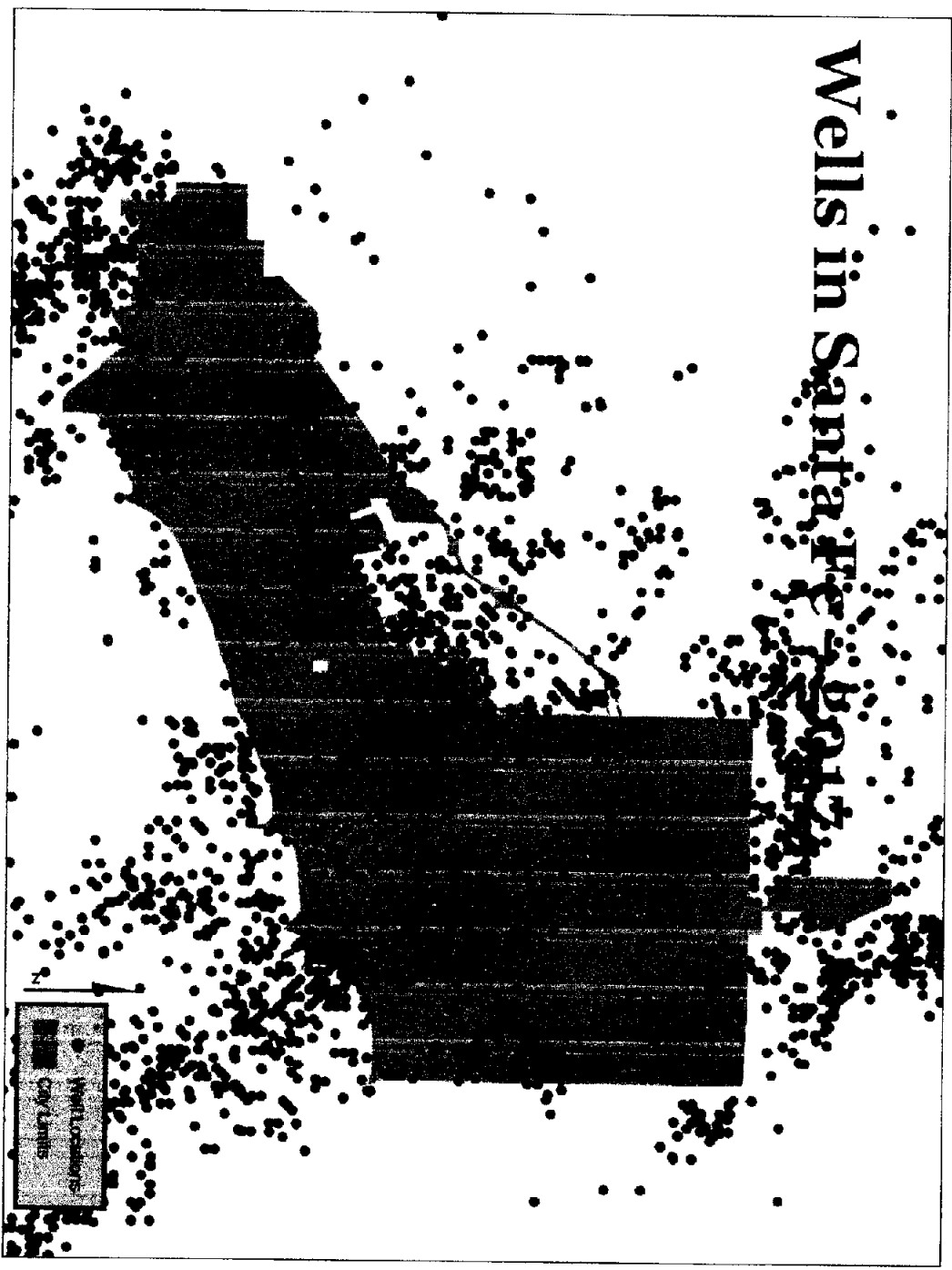
- * Messaging
 - * Time of Day Restrictions
 - * Water-Conscious Practices
 - * Drought
- * Outreach to New Customers
 - * Importance of Water Conservation
 - * Resources Available
- * Restaurant Pilot Project
 - * City Program

5-Year Plan Timeline

Public Input Sessions:

- * Residential Water
- * Commercial & Industrial Water Efficiency Solutions
- * Facing Climate Change & Drought
- * Community Collaborations & Partnerships
- * **Next Generation Water Summit**
- * **Internal City Input Meeting – July**
- * **Committee approval in fall 2019**
- * **Implementation January 2020**

Wells in Santa Fe 2017



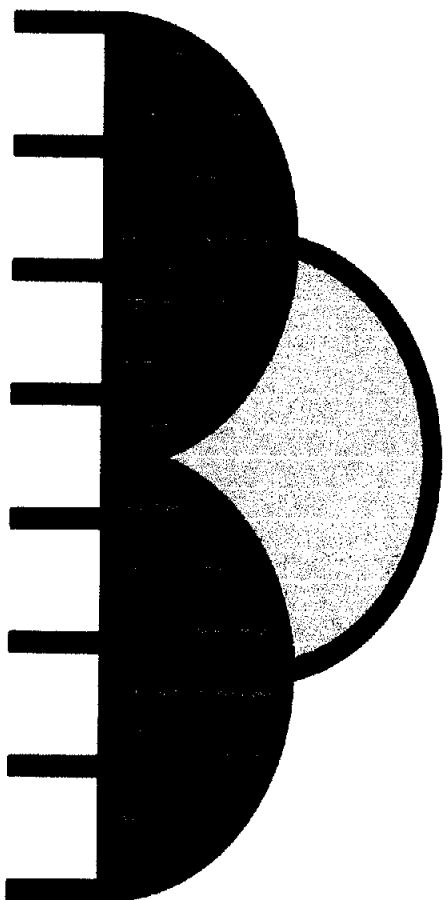
Domestic Wells in Santa Fe

* 3 types

- * Pre-basin = wells drilled before the Office of the State Engineer “declared” the Santa Fe Basin
- * OSE permit only wells = governed by OSE permit only; normally restricted to 3 acre-feet per year (977,553 gallons)
- * City Permitted = wells with both OSE permits & City permits; restricted to 0.25 acre-feet per year (81,463 gallons)

* City Regulation

- * Backflow preventers
- * Outdoor watering restrictions



save water

SANTA FE

Status of County's Sustainability Program

Presentation to the Joint WPAC and WCC 5/30/2019, 4-6 pm

- ✓ Thank you.
- ✓ So much effort has been done by the greater community to conserve water.

While I'm on the agenda listed as speaking on status of sustainability programs, my thoughts today are more narrowly focused to what the Co is doing with respect to water conservation.

Before we jump into that - two notes on context.

First: One of the County's challenges is its heterogeneity

Includes 7 Santa Fe river sized watersheds, spanning 1911 square miles

- 10 ecoregions
- 4 tribal lands
- 3 incorporated municipalities
- 53 acequias
- 26 coop, mutual domestic, or otherwise similar water systems

So when we think of water conservation in the County, the program and projects needs to be cognizant of all of those communities and systems

Second:

The interested public in our region are very tuned in to water. No matter what the topic of community meetings, the conversation and concerns turn to water.

So now: What ARE the County-wide efforts regarding water conservation?

- 1. Sustainable Land Development Code Section 7.13 = single biggest County-wide impact; addresses new and existing development alike**

Requires:

- A. Limited water to ¼ acre-foot per dwelling unity
- B. Subdivisions often with lower per home water budgets
- C. Anything greater than 5 lots has to hook up to or develop water system
- D. Water conservation requirements,
 - a. Indoor: water saving fixtures and appliances
 - b. out: xeriscaping, only lawns >800 sq ft, restrictive watering times, no fugitive water,
- E. conservation signage
- F. Rainwater catchment systems for >2500 sq feet; passive systems for smaller roof area.
- G. Terrain management
- H. Metering and Reporting of Domestic Wells
 - a. Falls under Sustainability Division
 - b. Developed a web reporting portal for owners/users
 - c. Identifying the properties in the pilot area → La Cienega/La Cienegilla
 - d. Multi-year effort to
 - i. ID water allocation
 - ii. make sure meters are installed,
 - iii. reminders and followup to report,

Exhibit "2"

- iv. analyze results, both in terms of water use and compliance
- e. Develop some carrots
- f. Outreach/education/ad campaign

2. County Utility =

- A. **Water use is low;**
 - a. System Total 2018 gpcd: 73
 - b. Residential year round average gpcd: 66
- B. **Tiered water rate**
 - a. 5-tier water rates: \$6.43, \$8.85, \$13.67, \$18.50, >16,000 gallons = \$22.81
- C. **No official water conservation office or program**
 - o Given low water use, resources directed to other priority projects

2. Water Conservation Plan (2010)

Parting thoughts

Lowest hanging fruit: education and outreach: **Joint messaging**

Perhaps seek grant funding for funding

Add: Expand services of the water conservation office to all Co residents—with administrative cost covered by Co/grant.

System use

Annual Demand 339,000,000 mg = 1040 ac-ft

Residential: 193,000,000 mg = 592 ac-ft

- o Industrial Commercial Institutional: 110,000,000 mg = 337 ac-ft Residential winter average gpcd: 48 gpcd; 3-month summer average gpcd: 99

Typical



COUNTY OF SANTA FE)
STATE OF NEW MEXICO) ss

DECLARATION COVENANTS
PAGES: 3

I Hereby Certify That This Instrument Was Filed for
Record On The 7TH Day Of January, 2011 at 11:24:25 AM
And Was Duly Recorded as Instrument # 1622564
Of The Records Of Santa Fe County

Witness My Hand And Seal Of Office
Valerie Espinoza
Deputy County Clerk, Santa Fe, NM

DECLARATION OF COVENANTS AND WATER RESTRICTIONS
FOR [REDACTED]

(Section 21, T16N, R10E)

THIS DECLARATION is made in Santa Fe, New Mexico, this 17th day of November, 2010 by [REDACTED]
[REDACTED] hereinafter for convenience referred to as the "Owner(s)".

WITNESSED THAT:

WHEREAS, [REDACTED] is the owner of real property in Santa Fe County, New Mexico,
which property includes 2 lots containing a combined total of 29.112 acres, more or less, according to the
plat entitled Family Transfer for [REDACTED] referred to hereinafter at Article I; and

WHEREAS, the Owners are required to provide for certain water conserving covenants and
measures as required per the Santa Fe County Land Development Code; and

WHEREAS, the Owners desire and intend that the owners, tenants, mortgagees, occupants and
other persons hereinafter acquiring any interest in said property shall at all times enjoy the benefits of, and
shall hold their interest subject to, the rights and restrictions hereinafter set forth, all of which are declared
to be in furtherance of a plan for the proper and beneficial use of the property.

NOW THEREFORE, the Owners declare, covenant, and agree as follows:

ARTICLE I

Property Subject to this Declaration

The real property which is and shall be held, transferred, sold, conveyed and occupied subject to this
Declaration is legally described as North Tract 1 and South Tract 2 and containing a combined total of 29.112
acres, more or less, in Section 21, Township 16 North, Range 10 East, N.M.P.M., Santa Fe County, New
Mexico, according to the Plat of Survey for [REDACTED] by [REDACTED], N.M.L.S. #6998, dated
Sept 16, 2000, recorded January 7, 2001, under reception No. 1622563 Plat Book
726, Page 012, in the records of Santa Fe County, New Mexico (the "Plat").

ARTICLE II

Water Restrictive Covenants

The following water restrictive covenants shall apply to the use and occupancy of all lots on the
plat noted above. (Any Existing dwelling units shown on the plat must meet provisions (B) through (J) at
the time of fixture or appliance replacement or installation of additional landscaping; provisions A, K and L
are applicable immediately.)

- (A) Domestic water use is restricted to .25 acre-feet per year (81,457 gallons per year) per lot/tract as required by the Santa Fe County Land Development Code.
- (B) Water conserving appliances and fixtures as outlined in Ordinance 2002-13 shall be installed and used at the time of construction or replacement.
- (C) Toilets shall use no more than 1.6 gallons per flush. Urinals shall use no more than 1.0 gallon per flush.
- (D) Lavatory and kitchen faucets shall be equipped with aerators and faucet flows shall not exceed 2.5 gallons per minute. Showerhead-flows shall not exceed 2.5 gallons per minute.
- (E) Hot water pipes shall be insulated.
- (F) Evaporative coolers must circulate bleed-off water.
- (G) No more than one automatic dishwasher per dwelling unit may be used, provided that it is a model designed to use no more than 13 gallons per cycle and shall have a cycle adjustment, which allows reduced amounts of water to be used for reduced loads.
- (H) No more than one automatic clothes washing machine per dwelling unit may be used, provided that it is a model that uses no more than 43 gallons per cycle and shall have a cycle or water level adjustment that permits reduced amounts of water to be used for reduced loads.
- (I) Water system leaks from private water lines shall be repaired by the owner or property manager within fifteen (15) days of initial notification by the County or the owner's knowledge of the leak. Proof of repair shall be provided to the County upon completion of the repair when such notification is requested.
- (J) Low water use landscaping techniques applying the principles of xeriscaping shall be utilized. Drip irrigation and mulching are encouraged whenever possible. Low water use grasses, trees and shrubs may be watered as needed during the first and second years of their growth to become established. Thereafter, such vegetation shall receive only minimal water as needed by each species.
- (K) Planting sod or grass seed that contains Kentucky bluegrass is not permitted. Lawns of other non-native grasses shall not exceed 800 square feet per parcel and shall only be watered with rainwater collected by means confined to the property or with recycled household gray water. Gray water systems shall meet the requirements of the New Mexico Environment Department and the Uniform Plumbing Code.
- (L) Swimming pools, of a permanent or temporary nature, are not permitted. Temporary wading pools of a diameter not to exceed eight feet and a depth not to exceed one foot and covered spas are acceptable at each dwelling unit. All existing swimming pools, hot tubs and spas must be covered to prevent evaporation when not in use. Swimming pools may only be emptied once a year.
- (M) All wells on the property shall be metered with a Santa Fe County approved totalizing meter. Meter readings shall be documented by the property owner annually within two weeks of January 1st. Meter readings shall be submitted to Santa Fe County by April 30th of each year. Proof of meter installation as well as a meter reading must be submitted with a Santa Fe County Development Permit application. Failure to meter and measure water use may be grounds for fines and denial of future land use development permits.
- (N) Outdoor Irrigation is prohibited between 11am to 7pm from May through September of each year. The following sources and water and types of irrigation methods are exempt from the irrigation hour restrictions:
 - a.) Plants being irrigated for retail or wholesale transactions.
 - b.) All manual watering by landscape maintenance and contracting personnel, however landscaping personnel setting timed irrigation systems must ensure that the systems comply with the irrigation hour restrictions.
 - c.) Any water derived through rainwater catchment systems or any permitted water re-use system and
 - d.) Any water being used from an acequia or other agricultural irrigation system.

ARTICLE III

General Provisions

3.1 Duration: Covenants Running with the Land. The covenants of this Declaration shall run with and bind the land, shall inure to the benefit of and be enforceable by the owner of any land subject to this Declaration, their respective legal representatives, heirs, successors and assigns and the County Land Use Administrator.

3.2 Enforcement. Enforcement of these covenants and restrictions shall be by the County Land Use Administrator or any owner of property as shown on the Plat in any proceeding at law or in equity against any person or persons violating or attempting to violate any covenant or restriction or to restrain any such violation. Any failure by the County Land Use Administrator or any owner to enforce any covenant or restriction herein contained shall in no event be deemed a waiver of the right to do so thereafter. If the County Land Use Administrator or an owner prevails in any action against any person or persons to enforce any provision hereof, they shall be entitled to recover from such person or persons his costs and reasonable attorneys fees.

3.3 Severability. The invalidity or unenforceability of any covenant, restriction, term or other provision hereof as determined by a court of competent jurisdiction shall not impair or adversely affect the validity or enforceability of any other covenant, restriction, term or provision hereof, which shall be and remain valid and enforceable to the fullest extent permitted by law.

3.4 Miscellaneous. This Declaration shall be governed by and interpreted under the laws of the State of New Mexico. This Declaration shall be binding upon each tract owner, his successors and assigns.

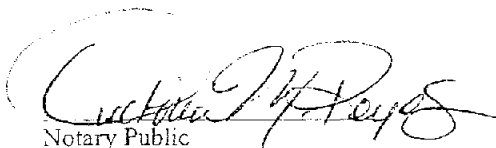
IN WITNESS WHEREOF, the Owners have caused this Declaration to be signed as of the date first above written.


Steven R. LeBlanc

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)



On this 13 day of December, 2010, the foregoing instrument was acknowledged before me by the person(s) whose name(s) appear above.


Notary Public

My commission expires: 5/23/11

APPROVED BY COUNTY LAND USE ADMINISTRATOR


Jack Kolkmeier
1.7.11