

White Dove Well Water Organi



5520 N Lone Owl Trail, Marana AZ 85653 | 520-401-2974 | whitedovewater@outlook.co...

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Arizona Corporation Commission

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SEP 16 2014

September 14, 2014

Docket Control Center
Arizona Corporation Commission
1200 W Washington Street
Phoenix Arizona 85007

ORIGINAL



Subj: RESPONSE TO INSUFFICIENCY LETTER DATED SEPTEMBER 3, 2014 FOR
DOCKET # W-20911A-14-0294 – WHITE DOVE WATER

Ref: (a) Letter from Arizona Corporation Commission – Insufficiency 09/03/14

This letter and included attachments serve as response to reference (a) letter of insufficiency.

Please note the following when reviewing the response package contents:

1. Wastewater treatment is not part of the project. All households in service area are under Septic Systems and wastewater is controlled through that mechanism. If there is further requirement in this area, please advise and we will respond accordingly.
2. For ease of applicability to the insufficiency letter requirements, each separate document within this package is annotated with "**Response to Para XX of Insufficient Letter.**"
3. All residents have been notified of upcoming project and need for same. Responses from residents have been positive, and requests for services are expected to be received once approval is granted for Water Service accreditation. There have been zero specific requests for refusal of services.
4. In accordance with R14-2-402-B5, para B(4), there is no requirement for notification to water service providers as there are no providers within 5 miles of the proposed service area.
5. Based on discussion with the Arizona Department of Environmental Quality (ADEQ), the ADEQ requirements are necessary only after construction of the actual well system has been completed. Since the well system does not currently exist, and will not be constructed until after we receive our certification as a water company, ADEQ compliance is not required. Please contact Mr. Rene Gomez (ADEQ Compliance Officer) for further information if necessary (520-724-7400).

Thank you for your further consideration. We look forward to hearing from you soon.

Regards,

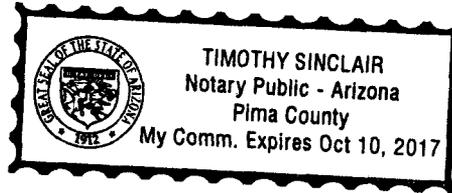
Niama M Duarte

Niama M Duarte
Owner- White Dove Well Water Organization DBA White Dove Water
520-400-6997 Mobile
520-308-6466 Office/Home

STATE OF ARIZONA }
COUNTY OF PIMA } ss

This instrument was acknowledged before me this 15 day of
September 2014 by Niama Duarte
In witness whereof I herewith set my hand and official seal.

Timothy Sinclair NOTARY PUBLIC
MY COMMISSION EXPIRES 10/10/2017



White Dove Well Water Organization

5520 N Lone Owl Trail, Marana AZ 85653 | 520-401-3974 | whitedovewater@outlook.com

RESPONSE TO PARAGRAPHS E OF THE INSUFFICIENCY LETTER.

Name: Frank S. Duarte
Address: 5520 N Lone Owl Trail, Marana AZ 85653
Phone: 520-401-3974

Note: Certification as an Arizona Department of Environmental Quality Water Operator will be achieved by December 2014. Certification will be gained through the Water Operator Certification Program at Maricopa College, Arizona.

White Dove Well Water Organization

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THIS DOCUMENT ADDRESSES PARAGRAPHS L, M, AND U OF THE INSUFFICIENCY LETTER.

The following is the legal description of the initial area to be serviced by White Dove Water in the execution of its duties as a water service provider, as well as maps and location data for service area.

Information has been obtained and verified with the Pima County Assessor's office. There are no other proposed projects in this area.

LEGAL DESCRIPTION OF PROPOSED WELL LOCATION

S284.01' M/L N725.17' E661.98' NE4 NW4 4.31 AC
AVID 4.31 AC SEC 13-13-10

- Property Address: 5520 N Lone Owl Trail, Marana AZ 85653

LEGAL DESCRIPTION OF SERVICE AREA

Cadastral

Township (N/S)	Range (E/W)	Section	160 Acre	40 Acre	10 Acre
13S	10E	13	NW ¼	SE ½ and NE ½	All

Description

Parcel 1:

The Southeast Quarter of Section 11, in Township 13 South, Range 10 East, Gila and Salt River Base and Meridian, Pima County, Arizona.

Parcel 2:

The Southwest Quarter of Section 12, in Township 13 South, Range 10 East, Gila and Salt River Base and Meridian, Pima County, Arizona.

Parcel 3:

The Northwest Quarter of Section 13, in Township 13 South, Range 10 East, Gila and Salt River Base and Meridian, Pima County, Arizona.

Parcel 4:

The Northeast Quarter of Section 14, in Township 13 South, Range 10 East, Gila and Salt River Base and Meridian, Pima County Arizona.

Parcel 5:

An easement for private ingress and egress over the property more particularly described and as set forth in instrument recorded in Docket 11276 at Page 768.

That certain portion of Section 13, Township 13 South, Range 10 East of the Gila and Salt Meridian, Pima County, Arizona, more particularly described as follows:

Commencing at the Southwest Corner of said Section 13;

Thence North $89^{\circ}54'$ East along the South Line of said Section 13 a distance of 2,647.92 feet to the South Quarter Section corner and the point of beginning;

Thence North $00^{\circ}03'35''$ West along the centerline of said Section 13 a distance of 5,278.49 feet to a point on the North line of said Section 13;

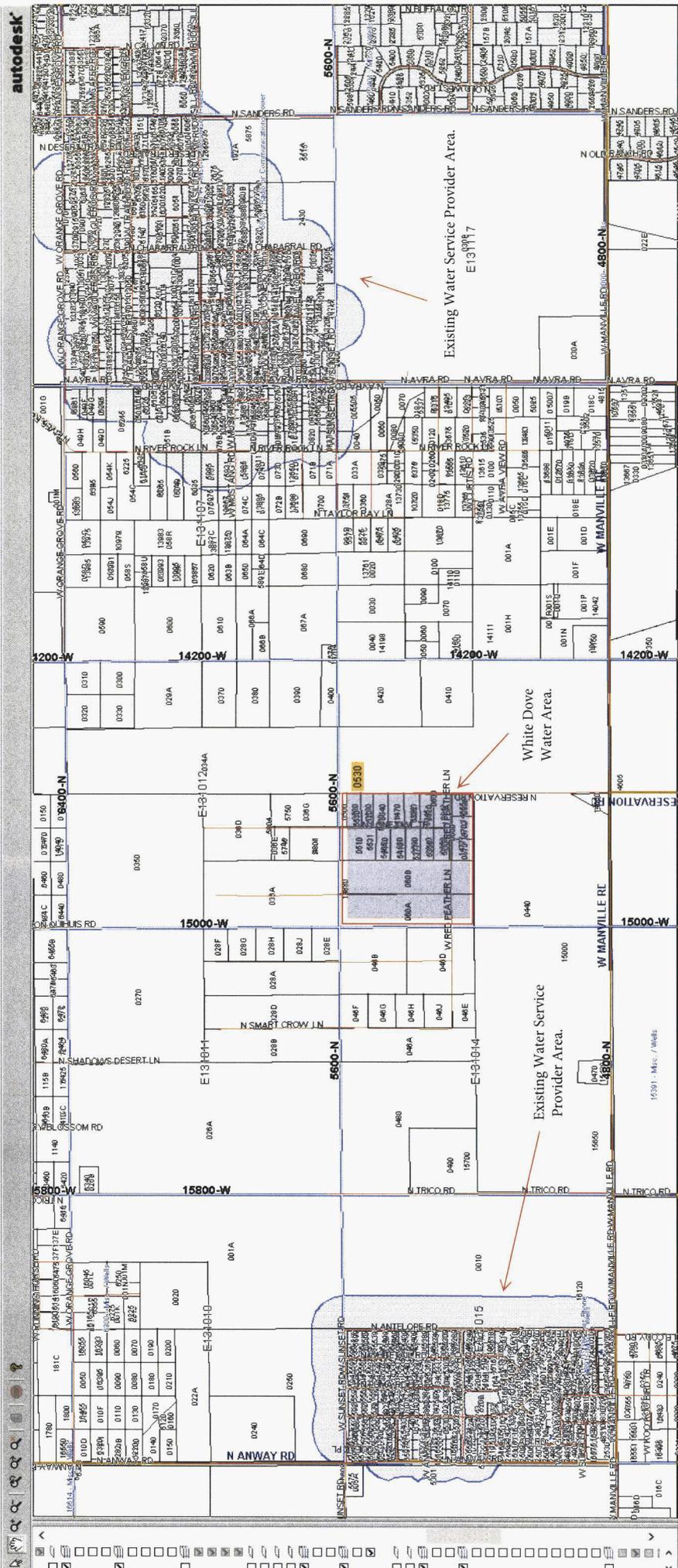
Thence North $89^{\circ}55'$ East along said North line a distance of 50.00 feet;

Then leaving said North line South $00^{\circ}03'35''$ East parallel with and 50 feet East of the centerline of said Section 13 a distance of 5,278.46 feet to a point on the South Line of Section 13;

Thence South $89^{\circ}54'$ West along said South line a distance of 50.00 feet to the point of beginning; Except any portion within Manville Road as now established.

ATTACHMENTS:

1. Overview map of all Sections surrounding Service Area.
2. Map of all current water providers and their service areas.
3. Zoom map of service area and households.
4. Illustrative map of construction project parameters.
5. Section map indicating nearest municipality.



5.65 x 2.38 (mi)

1 : 23,204

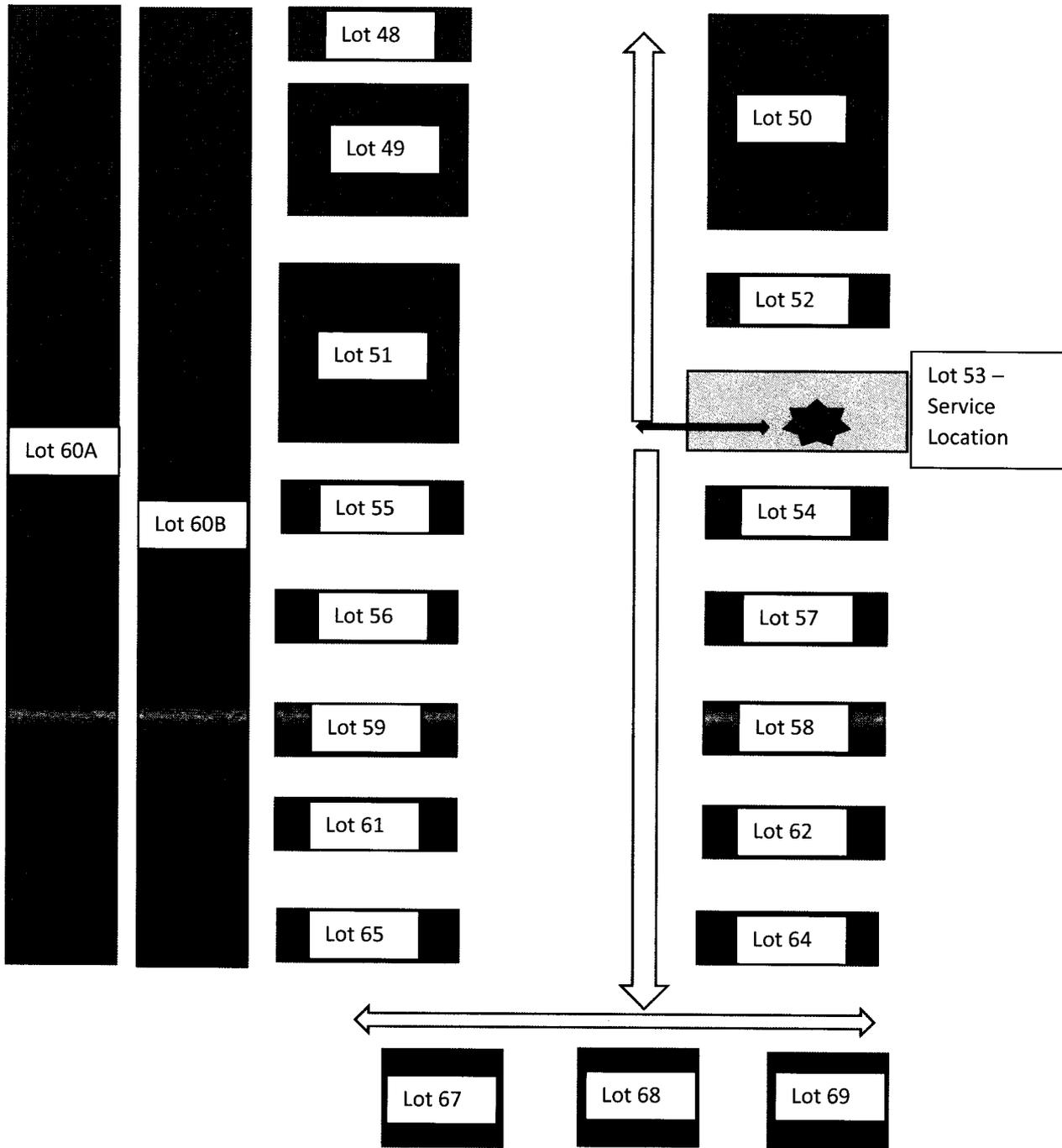
0 features(s) selected

Parcel Ids: 0530

WELL LOCATION AND TRANSMISSION LINES. SPACING INCLUDED FOR ILLUSTRATIVE PURPOSE.

PARCEL OWNERS BY NUMBER ON FOLLOWING OUTLINE:

- Lot 48 – Pedrigi, Linda
- Lot 49 – Vacant
- Lot 51 – Vacant
- Lot 50 – Vacant
- Lot 52 – Merriman, Timothy and Lynell
- Lot 53 – WHITE DOVE WATER ORGANIZATION – Duarte, Niama and Frank
- Lot 54 – Parson, Robert and Low, Celia
- Lot 55 – Duffy, Cory
- Lot 56 – Sharpe, Linda and Robert
- Lot 57 – Sprenger, Rebecca and Greg
- Lot 58 – Vacant
- Lot 59 – Jewell, Andrew
- Lots 60A and 60B – Vacant
- Lot 61 – Vacant
- Lot 62 – McCallister, Brandon
- Lot 64 – Victoratos, Constantinos
- Lot 65 – Mayfield, Sarah and Jeremy
- Lot 67 – Gensberg, Victor
- Lot 68 – Morningside Funding Property Managers
- Lot 69 – Campbell, Sandra and Gaylord



White Dove Water – Well System and Transmission Lines.
 (Expandable to Lot 60A and 60B when occupied)

WHITE DOVE WELL WATER ORGANIZATION WATER SERVICES- PRELIMINARY ENGINEERING REPORT

September 8, 2014

RESPONSE TO PARAGRAPH N OF THE INSUFFICIENCY LETTER.

1. PROJECT PLANNING

- a. Location: The area for the provision of services, as well as the location of the project construction, encompasses an unincorporated area of Pima County, located on the west end of Manville Road, on the 80 acre parcel crossing the northwest and southwest corners of Reservation Road and Red Feather Lane (private drive). The closest incorporated municipality is Picture Rocks, AZ.

The location is not currently being serviced by any water provider.

- a. Legal Description of the service area:

Township (N/S)	Range (E/W)	Section	160 Acre	40 Acre	10 Acre
13S	10E	13	NW ¼	SE ½ and NE ½	All

- b. Legal Description of the project area:

S284.01' M/L N725.17' E661.98' NE4 NW4 4.31 AC
AVID 4.31 AC SEC 13-13-10

- Property Address: 5520 N Lone Owl Trail, Marana AZ 85653

- b. Environmental Impact: A categorical exclusion to the requirement for an Environmental Assessment or an Environmental Impact Statement is submitted as Enclosure One (1) to this Preliminary Report.

- c. Environmental Resources Present: The total service area consists of site built semi-custom homes and prefabricated houses, located on 4.33 acre properties each. There are several vacant and available lots on the subdivision. The vegetation is natural brush and trees, as well as non-native species tended by individual homeowners. Local environmental resources available, including the Robles Wash area, are not a hinder or a help to the project requirements. The project will be built on property owned by the White Dove Well Water Organization, and is not subject to restrictions or other environmental considerations that cannot be overcome by the organization. The land and surrounding area are designated a FEMA Floodplain zone, and required floodplain permits will be acquired as necessary.

- d. Population Trends: Enclosure 2 (Census Data) lists the Census Data for the closest incorporated township, Picture Rocks Arizona. As the trend for growth in that area continues, exponential growth in the service area can be similarly predicted as a by-product of that population tendency. It is expected that the local service area, within the next 10 years, will expand to the vacant properties and parcels within the area of consideration, requiring subsequent services for water.

- a. Community Engagement: There are currently two "exempt" wells serving the community, both built in 1999 and both of dubious ownership and origin. Many of the houses serviced by the two wells do not even have an agreement in place for water service, although the wells are the only source of water. The owners of the wells (on record) cannot be located and the wells have not been inspected since inception. The community is keeping the wells running by a thread. A critical need for the local community will be met by this project, and to that end all local residents have been fully informed of the actions to be taken, and none have expressed disagreement.

2. EXISTING FACILITIES

- a. There are no existing facilities in the location of the project.

3. NEED FOR PROJECT

- a. Health, Sanitation and Security: Our homes are currently being serviced by a water source that has been suspect at best, and is quickly reaching the end of its serviceable life. As the sole source of potable water to over

16 homes in the area, the existing system must be replaced in order to ensure clean safe drinking water is provided to the community.

- b. Aging Infrastructure: Currently our small community of 16+ connections is being serviced by two separate exempt wells that have been in place since 1999, and are of dubious origin and ownership. Despite using the well(s) as our sole water source, less than half of the houses have a well agreement attached to the wells, and all are just existing as they have been doing for years, without the means to change the situation. The owners of the wells do not live in this area, the title to the wells have been in dispute and litigation for years, and we are living on borrowed time. There are no filtration systems in place for the well, nor are there any maintenance agreements or ownership accountability for the wells. Our community has functioned on a "pass the hat" process in order to effect patches and other temporary fixes to a much larger problem. The well structures have been patched and repaired several times over the last few years, and major repairs will soon be needed, to include a complete overhaul of the systems, in order for them to remain in service. As the sole source of water for this area, that is unacceptable.

- c. Reasonable Growth: As the current US Census data indicates, the population of the closest incorporated township is experiencing consistent growth. This area will grow in conjunction with that, and the current 16+ connections can be expected to expand to cover the entire service area. The current project scope of work provides the capability to service the entire area, with consideration to growth.

4. ALTERNATIVES CONSIDERED

- a. There were three alternatives that were considered for the water services to this area:
 - a. Alternative A: Connection to closest existing water services.
 - b. Alternative B: Purchase of current well systems in order to execute a complete revitalization and refurbishment of the wells.
 - c. Alternative C: Construction of a new water system to provide clean, safe and healthy drinking water to the community, in accordance with existing regulations and directives.

5. SELECTION OF AN ALTERNATIVE

- a. Alternative A: Existing Utilities. Connection to an existing water service provider would require greater than 5 miles of transmission line be provided from the nearest connection, including all subsequent connections to the homes in the local area. This alternative was not considered due to the potential expense and involvement to the existing water service provider, to be ostensibly borne by the local residents.
- b. Alternative B: Refurbish Existing Facilities. The ownership and title of the current wells are of a dubious nature and unable to be tracked by our current Title Company, Stewart Title. When an attempt was made to do so, Stewart Title was not able to establish clear title due to all the swapping and litigation that had previously occurred in this area. Refurbishing of facilities where the ownership is suspect could subject the refurbishing party to civil liabilities.
- c. Alternative C: New Construction. Construction of an updated water system that would be viable for decades.

6. PROPOSED PROJECT (RECOMMENDED ALTERNATIVE)

- a. Alternative C. New Construction. The project scope will consist of the design and construction of a well water system, with all associated peripheral and usage equipment, to service the entire community. The well water system will consist of a high capacity storage tank (10,0000 gals), bladder systems, underground pumps and above-ground booster pumps, a filtration system, transmission lines, water and electric meters, screening, caps, piping to homes, and fire hydrants sectionalized throughout the community to ensure complete coverage of all homes. The well water system will be enclosed by a security fence, with a servicing building to be erected near the equipment, and road improvements as necessary to ensure maintenance and other regulatory requirements can be completed. Green applications will be utilized to the fullest extent possible (solar power for electric meters and administrative requirements, low-flow irrigation systems encouraged, water-hours suggested). Enclosure Three (3) lists the potential Bill of Materials for a complete system.
- b. Life Cycle Cost Analysis: With consistent maintenance and upkeep of a properly designed and fitted system, the expected life cycle of the system will be 20 years

before major work will be necessary. This will place the majority of the costs for the system at the outset, with minimal yearly maintenance fees as outlined:

- a. Base Period (Design and Build): (\$68,650.00).
- b. Annual Maintenance Fees: $(\$1600.00) * 20 = \$32,000.00$.
- c. 10 year supplies expected: (\$5000.00).
- d. Potential Reinvestment Income from Services (10 year): \$55,818.40.

7. CONCLUSIONS AND RECOMMENDATION

This preliminary report was drafted by the White Dove Well Water Organization, in accordance with the USDA Interagency Memorandum dated January 16, 2013, outlining the best practice for development of a Preliminary Engineering Report. This is a draft report to accompany both certification and funding documents from White Dove Water.

The recommended alternative is the only solution that would satisfy the requirements of the provision of safe, healthy, and long term water services for the community.

Signed,

Niama M Duarte

Owner, White Dove Water

520-400-6997 Mobile

520-308-6466 Office

Attachments:

- Enclosure 1 – CATEX for Environmental Impact
- Enclosure 2 – Census Data
- Enclosure 3 - BOM

White Dove Well Water Organization

5520 N Lone Owl Trail, Marana AZ 85653 | 520-401-3974 | whitedovewater@outlook.com

September 2, 2014

United States Department of Agriculture
Arizona Rural Development State Office
230 North First Avenue, Suite 206
Phoenix, AZ 85003-1706

Subj: Request for Categorical Exclusion to NEPA Requirements for Grant Application

Ref: (a) USDA Water and Waste Disposal Systems for Rural Communities – Grant/Direct Loan Requirements – Notice Number: 10.760

Ref: (b) 40 CFR 1507.3 and 1508.4

To Whom It May Concern;

The White Dove Well Water Organization, DBA White Dove Water (DUNS 079486920) is applying for project funding under reference (a).

This document is submitted to request a Categorical Exclusion (CATEX) to the requirements of reference (a) for the completion of an environmental assessment (EA) or an environmental impact survey (EIS) for our Well Water Services project.

In accordance with the National Environmental Policy Act (NEPA) guidance on Categorical Exclusions, published by the Council on Environmental Quality (CEQ) on November 23, 2010, a CATEX can be granted for those projects that do not represent a significant detrimental impact to the environment, or to which a previous assessment has been conducted and is applicable. Based on the type of project we are contemplating, as well as the current existence of same-type facilities in our area, White Dove Water feels that a CATEX does apply to our overall project and therefore should be considered within the guidelines of reference (b) and the CEQ guidance for CATEX projects.

PROJECT OVERVIEW AND BASIS FOR REQUEST

As outlined in our Scope of Work for White Dove Water, our project consists of the drilling of a well, with associated peripheral equipment (Tank / Pumps / Boosters / Bladders / Transmission Lines, etc.). Currently, there are three other operational wells in our area: two shared wells (which we are attempting to replace because of deficiency and health and safety issues), and one which was recently drilled by a private landowner for his own use. Based on the existence of those wells, it can be assumed that an appropriate environmental assessment or environmental impact statement was either completed for this area, or an

White Dove Well Water Organization

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exclusion was applied for and received, since an assessment appears to be a requirement for drilling.

Unfortunately, for the two shared wells that we are replacing with our project (for which ownership and title, as well as system quality, are suspect) we have been unable to find any EA or EIS documentation. Those wells are registered with the Arizona Department of Well Registry under 55-578801 and 55-206619. For the private well recently drilled in this area, we are also unable to find an EIS or EA document (well 55-916187). However, if in fact an EA or EIS is a requirement for drilling, it can be assumed that the assessment(s) were completed and are applicable to our project, or a CATEX was granted that would be applicable to our requirements, but are not available for viewing by the general public. It is requested that if an EIS or EA exists for those projects, that those documents be provided and verified for exclusion purposes to our project. Or alternatively, if there is no EA or EIS filed for those projects, please inform us directly.

There are four (4) other non-operational wells in this area.

In addition to the potential of existing surveys, it should be noted that in the summer of 2012, a broad Environmental Assessment (EA) and comprehensive review of our surrounding area was completed by the City of Tucson for their "*City of Tucson Avra Valley Habitat Conservation Plan*" project. That assessment was completed in June 2012, and provides justification that water projects of the type being proposed by White Dove Water do not significantly impact the habitat and wildlife/natural resources of this area. The plan can be found at the following link:

http://www.tucsonaz.gov/sites/default/files/ocsd/avra_valley_hcp_summer_2012_prelim_draft_06292012_figures_appended.pdf.

SUMMARY

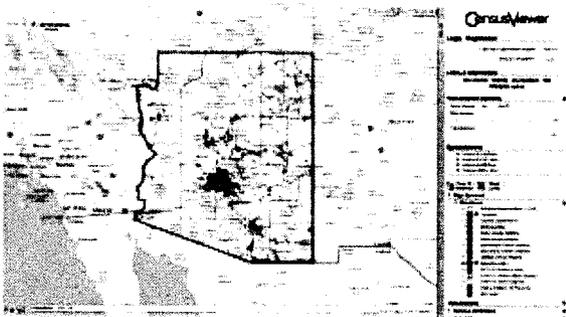
A categorical exclusion to the requirements for the completion of an environmental assessment (EA) or an environmental impact statement (EIS) is requested by White Dove Water for the attached Grant/Direct Loan funding application, based on the contents of this letter and the negligible effect, based on historical precedence that the project would have on the environment.

Thank you for your review and consideration.

Sincerely,

Niama M Duarte
Owner – White Dove Well Water Organization

Picture Rocks, Arizona Population: Census 2010 and 2000 Interactive Map, Demographics, Statistics, Quick Facts



[Compare Versions](#) [Free Version](#) [Buy CSV \\$9.95](#)

Compare population statistics about Picture Rocks, AZ by race, age, gender, Latino/Hispanic origin etc. [CensusViewer](#) delivers detailed demographics and population statistics from the 2010 Census, 2000 Census,

American Community Survey (ACS), registered voter files, commercial data sources and more.

Experience breakthrough technology for census data discovery, population analysis and visualization over Bing Maps. Visually "fly over" a state, viewing in great detail the census blocks, census tracts, cities, counties and various political districts in your selection or "zoom down" to the street level to get demographic statistics and information about the population in an individual census block or census tract.

Click on any map link to see our blazing-fast data visualization over Bing Maps in action. [Read more](#) about the unprecedented demographic insight and analytical power of CensusViewer interactive maps.

CensusViewer maps, data and statistics pages for all states, counties and cities.

Picture Rocks, Arizona - Overview	2010 Census		2000 Census		2000-2010 Change	
	Counts	Percentages	Counts	Percentages	Change	Percentages
Total Population						
Total Population	9,563	100.00%	8,501	100.00%	1,062	12.49%
Population by Race						
American Indian and Alaska native alone	138	1.44%	122	1.44%	16	13.11%
Asian alone	44	0.46%	33	0.39%	11	33.33%
Black or African American alone	72	0.75%	47	0.55%	25	53.19%
Native Hawaiian and Other Pacific native alone	8	0.08%	6	0.07%	2	33.33%
Some other race alone	472	4.94%	453	5.33%	19	4.19%
Two or more races	288	3.01%	213	2.51%	75	35.21%
White alone	8,541	89.31%	7,627	89.72%	914	11.98%
Population by Hispanic or Latino Origin (of any race)						
Persons Not of Hispanic or Latino Origin	8,005	83.71%	7,324	86.15%	681	9.30%
Persons of Hispanic or Latino Origin	1,558	16.29%	1,177	13.85%	381	32.37%
Population by Gender						
Female	4,724	49.40%	4,197	49.37%	527	12.56%
Male	4,839	50.60%	4,304	50.63%	535	12.43%
Population by Age						
Persons 0 to 4 years	517	5.41%	545	6.41%	-28	-5.14%
Persons 5 to 17 years	1,637	17.12%	1,989	23.40%	-352	-17.70%
Persons 18 to 64 years	6,080	63.58%	5,298	62.32%	782	14.76%
Persons 65 years and over	1,329	13.90%	669	7.87%	660	98.65%

Picture Rocks, Arizona Registered Voters - Overview Statistics and

Quick Facts

CensusViewer - Graphs & Tables: Race by Age

CensusViewer - Graphs & Tables: Hispanic/Latino Origin

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White Dove Well Water Organization

Project Bill of Materials - Well Water System

Quantity	Description
610 ft	Mud Drilling with 6 inch PVC Casing
1	Surface Casing
1	Gravel Pack
1	3 HP 15 GPM Submersible Pump
550	Drop Pipe 1.25"
550	#6 Wire
3	Pressure Tanks, 84 Gallon Bladder Style
3	Tank Tee, Gauge and Switch
2	2" Check Valves
3	HSC20 3HP Booster Pumps
2	5000 Gallon Poly Tanks
1	Box Single Phase
1	Cement Slab
2	Gravel Rings
1	Gravel For Gravel Rings
1	Misc galvanized fittings and wire conduit
1	Water Filtration System
16-20	Water Meters (house)

White Dove Well Water Organization

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RESPONSE TO PARAGRAPH O and P OF INSUFFICIENCY LETTER

ESTIMATED TOTAL CONSTRUCTION COSTS

The estimated total construction costs are contained in the below listed attachments:

1. Nelson Drilling LLC, quote for Well Construction.

BALANCE SHEET

White Dove Well Water is a startup organization. As such, please accept the second attachment (Balance Sheet) as an indication of projected financial condition for the company over the next 10 years. Assets, Liabilities, Income and revenue and expenses are estimated on the sheet.

FINANCING

Financing for construction and initial 10 years of services will be acquired through USDA Rural Development Grants and Guaranteed Loans, other Small Business Loans and/or Grants, or traditional financing. If a grant is applied for and accepted, the loan amortization as depicted in the Attachment 1 will be removed.

It is expected that following the initial 10 years of service, the organization will be self-sufficient with unlimited expansion possibilities in the local area.

ATTACHMENT ONE – Nelson Drilling vendor quote

ATTACHMENT TWO – Balance Sheet

QUOTATION

Nelson Drilling
 7850 N Silverbell Rd
 suite 114 box 304
 Tucson, AZ 85743
 usa

Voice: 520-682-8592
 Fax: 520-979-3270

Quote Number: m182
 Quote Date: Aug 18, 2014
 Page: 1

Quoted To:
Frank Duarte 4789 Reservation rd tucson

Customer ID	Good Thru	Payment Terms	Sales Rep
Duarte, Frank		Net 30 Days	

Quantity	Description	Unit Price	Amount
640.00	mud drilling with 6 inch pvc casing	30.00	19,200.00
1.00	surface casing	700.00	700.00
1.00	gravel pack	250.00	250.00
1.00	permits state and county	275.00	275.00
1.00	3HP 15GPM submersible pump	2,510.00	2,510.00
550.00	Drop pipe 1.25"	2.20	1,210.00
550.00	#6 wire	3.83	2,106.50
1.00	installation of pump	500.00	500.00
1.00	well seal	79.00	79.00
3.00	pressure tanks, 84 gallon bladder style	575.00	1,725.00
3.00	tank tee, gauge and switch	125.00	375.00
2.00	2" check valves	79.95	159.90
3.00	HSC20 3HP booster pumps	1,531.00	4,593.00
2.00	5000 gallon poly tanks	3,875.00	7,750.00
1.00	box single phase	29.95	29.95
1.00	cement slab for pressure tanks	350.00	350.00
2.00	gravel rings	125.00	250.00
1.00	gravel for gravel rings	250.00	250.00
1.00	misc galvanized fittings and wire, conduit...ect	900.00	900.00
1.00	labor to install tanks, boosters and fittings	1,800.00	1,800.00
1.00	tax	1,787.03	1,787.03
	If three phase power is available, there may be a slight increase in pricing for 3 phase components.		

Subtotal	46,800.38
Sales Tax	
TOTAL	46,800.38

ATTACHMENT TWO - BALANCE SHEET PROJECTED

White Dove Water - 10 Year Summary Operating Costs

Loan Funds Liquidation

ITEMIZATION

Well	\$ 49,000.00
Transmission Lines	\$ 7,500.00
Meters	\$ 1,050.00
Fire Hydrants	\$ 4,500.00
Maintenance	\$ 1,600.00
Facilities	\$ 5,000.00
Total Expenses	\$ 68,650.00

See attached quote - Nelson Drilling

Total Loan Request \$ 68,650.00

Loan Repayment 20 Years 5% \$ 6,865.00 \$ 453.06 (Loan Terms = 5% for 20 years (Serviceable Lifetime for Wells))
 Yearly Payment: \$ 5,436.72

BALANCE SHEET

1st Ten Years of Loan Repayment

Description	Base Year	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	Amount									
Accounts Receivable (connections)	\$ 3,600.00	\$ 3,600.00	\$ 3,960.00	\$ 3,960.00	\$ 4,680.00	\$ 4,680.00	\$ 4,680.00	\$ 7,200.00	\$ 7,200.00	\$ 7,200.00
Accounts Payable (5% Loan Repayment)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)	\$ (5,436.72)
*Income - Personal	\$ 126,860.00	\$ 126,860.00	\$ 126,860.00	\$ 126,860.00	\$ 66,000.00	\$ 66,000.00	\$ 66,000.00	\$ 66,000.00	\$ 66,000.00	\$ 66,000.00
Debt - Personal	\$ (74,400.00)	\$ (74,400.00)	\$ (74,400.00)	\$ (16,068.00)	\$ (16,068.00)	\$ (16,068.00)	\$ (16,068.00)	\$ (16,068.00)	\$ (16,068.00)	\$ (16,068.00)
Maintenance and Facilities	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)	\$ (5,000.00)

• Income assumes Operator retirement at Year 5

Ending Balance \$ 45,623.28 \$ 45,623.28 \$ 45,983.28 \$ 104,315.28 \$ 44,175.28 \$ 44,175.28 \$ 44,175.28 \$ 44,175.28 \$ 46,695.28 \$ 46,695.28 \$ 46,695.28

Actuals (50% for additional expenses) \$ 22,811.64 \$ 22,811.64 \$ 22,991.64 \$ 52,157.64 \$ 22,087.64 \$ 22,087.64 \$ 22,087.64 \$ 22,087.64 \$ 23,347.64 \$ 23,347.64 \$ 23,347.64

10 year projected balance sheet:
 Applicant Contributions \$ 257,078.40
 Total 10 Yr Projected Income: \$ 55,818.40

Annual: \$ 4,651.53

White Dove Well Water Organization

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RESPONSE TO PARAGRAPHS Q OF THE INSUFFICIENCY LETTER.

TARIFF RATES

Rates and Charges effective for all service provided on and after: December 1, 2014

Consumption Charge - The amount of water used each month will be billed at an established rate per 100 cubic feet (100 cubic feet = 748 gallons of water).

Water Service Charges

Water Service Charges are based on the size of a customer's water meter. Additional charges based on water consumption may also be included depending on the type of use. Both of these charges are applied to open accounts whether water is used or not.

Backflow Charges

A monthly charge, based on the size of each device, for testing and any necessary minor repairs.

WATER SERVICE RATES SCHEDULE

Quantitative Charges

The charge for water used (other than recycled water) shall be \$1.50 per 100 cubic feet and shall be added to the below service charges.

MONTHLY WATER RATES AND CHARGES FOR WATER

Monthly Service Charges

METER SIZE	AMOUNT
5/8 x 3/4 Inch	\$10.50
1 Inch	\$13.00
1 1/2 Inch	\$19.50
2 Inch	\$27.50
3 Inch	\$33.75
4 Inch	\$72.75

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6 Inch	\$185.25
8 Inch	\$330.50

Service Connections

(a) Service 2-inch or less

SIZE	CHARGE
1 Inch	\$1500.00
2 Inch	\$1900.00

If concrete and/or asphalt pavement removal and replacement is required, a charge of \$500.00 for concrete and \$1000.00 for asphalt pavement will be added to the above.

(b) Service larger than 2-inch.

The charge will be at-cost plus 7% for general administrative overhead.

Meter Installation

SIZE	AMOUNT
5/8 X 3/4 Inch Meter	\$250.00
1 Inch Meter	\$330.00
1 1/2 Inch Meter	\$475.00
2 Inch Meter	\$620.00

Additional Service Charges

Discontinuance of Service for non-payment of bill:

If water service is discontinued for non-payment of bills, all outstanding charges must be paid in full (in addition to a \$50.00 reconnection fee and a deposit to re-establish credit) before service will be restored. If turned on after normal working hours, the reconnection charge shall be \$100.00.

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Deposit to Establish Credit

The minimum deposit amount to establish credit will be 2 times the average monthly bill. If this cannot be determined, the minimum deposit shall be charged as follows:

SIZE	CHARGE
5/8 X 3/4 Inch Meter	\$50.00
1 Inch Meter	\$100.00
1 1/2 Inch Meter	\$150.00
2 Inch Meter or Larger	\$200.00

Deposit will be applied to bill after 12 months of continuous service with no disconnection.

NSF Fee: \$25.00

Meter Tampering: \$ <cost>

Emergency Services not caused by provider: \$ <cost>

Water services must be established in the **PROPERTY OWNER'S NAME**. All rates, regulations and rules are subject to change at any time.

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RESPONSE TO PARAGRAPHS 5 OF THE INSUFFICIENCY LETTER.

Timeline for Construction of Well Water Project

Attached project timeline assumes a project start date of December 1, 2014 and completion date of February 24, 2015. Total expected project timeframe is 73 days from identification of funding to test and acceptance.

Timeline can/will be adjusted based on schedule of approvals required for construction.

ID	Task Mode	Task Name	Duration	Start	Finish	Pred/Resource Names	Nov 30, '14	Dec 7, '14
							S M T W T F S S	S M T W T
1		Funding Approved	1 day	Mon 12/1/14	Mon 12/1/14	Grant/Loan, White D		Grant/Loan, White Dove Water
2		Site Walkthrough	2 days	Tue 12/2/14	Wed 12/3/14	Driller, Engineer		Driller, Engineer
3		Equipment Procurement	10 days	Thu 12/4/14	Wed 12/17/14	1,2 Driller		
4		Site Preparation	2 days	Thu 12/4/14	Fri 12/5/14	2 Driller		Driller
5		Hole Drilling	10 days	Mon 12/8/14	Fri 12/19/14	4 Driller		
6		Concrete Foundation	2 days	Mon 12/22/14	Tue 12/23/14	5 Driller		
7		Install Tanks	3 days	Wed 12/24/14	Fri 12/26/14	6 Driller		
8		Install Peripheral Equipment	5 days	Mon 12/29/14	Fri 1/2/15	7 Driller		
9		Dig Transmission Line Ditches	10 days	Mon 12/22/14	Fri 1/2/15	5 Back Hoe Operator, Driller		
10		Transmission Line Piping Installation (includes Meters, FirePlugs and cutoffs)	10 days	Mon 1/5/15	Fri 1/16/15	9 Driller		
11		Cover Lines- Minor Roadwork	5 days	Mon 1/19/15	Fri 1/23/15	10 Back Hoe Operator		
12		Electrical Connections	10 days	Mon 1/26/15	Fri 2/6/15	11 Trico Electric, White D		

Project: White Dove Water - Pr
Date: Sun 9/14/14

Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			

ID	Task Mode	Task Name	Duration	Start	Finish	Pred Resource Names	Nov 30, '14	Dec 7, '14
13		Production Testing	1 day	Mon 2/9/15	Mon 2/9/15	Driller, Engineer, Trico	S	M T W T F S S M T W T
14		Water Suitability Testing	10 days	Tue 2/10/15	Mon 2/23/15	White Dove Water		
15		System Online	1 day	Tue 2/24/15	Tue 2/24/15	White Dove Water		

Project: White Dove Water - Pr
Date: Sun 9/14/14

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

Dec 14, '14 Dec 21, '14 Dec 28, '14 Jan 4, '15 Jan 11, '15 Jan 18, '15

F S M T W T F S S M T W T F S S M T W T F S S M T

Driller

Driller

Driller

Driller

Driller

Back Hoe Operator, Driller

Driller

Project: White Dove Water - Pr Date: Sun 9/14/14		Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone	External Milestone	External Milestone
Milestone	Duration-only	Deadline	Deadline	Deadline
Summary	Manual Summary Rollup	Progress	Progress	Progress
Project Summary	Manual Summary	Manual Progress	Manual Progress	Manual Progress
Inactive Task	Start-only			
Inactive Milestone	Finish-only			

Dec 14, '14 Dec 21, '14 Dec 28, '14 Jan 4, '15 Jan 11, '15 Jan 18, '15
 F S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T

Project: White Dove Water - Pr
 Date: Sun 9/14/14

Task	Inactive Summary	External Tasks
Split	Manual Task	External Milestone
Milestone	Duration-only	Deadline
Summary	Manual Summary Rollup	Progress
Project Summary	Manual Summary	Manual Progress
Inactive Task	Start-only	
Inactive Milestone	Finish-only	

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RESPONSE TO PARAGRAPHS CC OF THE INSUFFICIENCY LETTER.

TYPICAL TIPS AND HINTS THAT WILL BE PROVIDED TO ALL CUSTOMERS. FORMAT MAY VARY DEPENDING ON WEBSITE AND OTHER TRANSMISSION MEDIUM (Flyers, Brochures, etc.)

White Dove Water is committed to helping you identify areas where you can conserve water in your everyday use, and save money in the process.

Here's some basic tips you can use to conserve everyday:

Indoors

Check for Leaks!

- Fix a Leak: Small household leaks can add up to gallons of water lost every day. Check your plumbing fixtures and irrigation systems each year.

In the bathroom—where over half of all water use inside a home takes place:

- Turn off the tap while shaving or brushing teeth.
- Showers use less water than baths, as long as you keep an eye on how long you've been lathering up!

In the kitchen:

- Plug up the sink or use a wash basin if washing dishes by hand.
- Use a dishwasher; and when you do, make sure it's fully loaded!
- While you're at it, scrape that plate instead of rinsing before loading it into the dishwasher.
- Keep a pitcher of drinking water in the refrigerator instead of letting the faucet run until the water is cool.
- Thaw in the refrigerator overnight rather than using a running tap of hot water.
- Add food wastes to your compost pile instead of using the garbage disposal.

In the laundry room—where you can be clean AND green:

- Wash only full loads of laundry or use the appropriate water level or load size selection on the washing machine.

In the Shower

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- Many of us spend 10 to 20 minutes in the shower each day. You'll save water by installing a low-flow shower head and taking shorter showers.

Toilets

- Modern, efficiently designed toilets use only 1.6 gallons of water per flush. Retrofitting your home or business with these "ultra low flush" toilets can save water. Additionally, a bad toilet flapper valve can cause a toilet to leak, and waste a substantial amount of water. To test for a leak, drop a little food coloring in the tank and – without flushing – see if it comes out in the bowl. If so, you probably have a leak and will need to have it repaired by a qualified repair person.

Washing your car

- When you wash your car or truck, make sure the hose is equipped with a spray nozzle that shuts off when you release the handle.

Appliances

- Consider purchasing a new-generation high-efficiency toilet that uses no more than 1.3 gallons of water per flush. Look for EPA's *WaterSense* labeling that ensures water-efficiency and third-party performance testing.

Outdoors

Of the estimated 29 billion gallons of water used daily by households in the United States, nearly 7 billion gallons, or 30 percent, is devoted to outdoor water use. In the hot summer months, or in dry climates, a household's outdoor water use can be as high as 70 percent.

In the yard—be beautiful and efficient:

- Create a water-smart landscape that is both beautiful and efficient to give your home the curb appeal you desire.
- Timing is everything! Knowing when and how much to water allows you to keep a healthy landscape. See below for details on keeping your landscape healthy.
- Upgrade to a WaterSense labeled controller if you have an in-ground irrigation system.
- Find a certified irrigation professional to install, maintain, or audit your irrigation system to ensure it is watering at peak efficiency.

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Other outdoor uses—drop that hose and keep it covered:

- Sweep driveways, sidewalks, and steps rather than hosing off.
- Wash the car with water from a bucket, or consider using a commercial car wash that recycles water.
- If you have a pool, use a cover to reduce evaporation when pool is not being used

Landscaping – Keeping it Healthy

A healthy and well-tended landscape makes you feel good while enriching your environment. And you can achieve it with minimal water usage. Here's some tips to a healthy landscape.

What happens if I don't water my plants enough?

If too much water is allowed to leave the soil, your plants will not be able to extract what's left for their own use, leading to stress. This makes plants weak, and susceptible to physical damage, insect damage and disease.

What happens if I over water my plants?

More gardens are harmed by too much water than not enough. Over watering causes nutrients to be flushed away, resulting in higher fertilizer requirements. Over watering also displaces oxygen from the soil, which leads to shallow roots and a landscape that is disease prone and weed infested.

When is the best time to water?

Watering in direct sunlight actually harms your yard and plants. Water droplets on leaves are like thousands of magnifying glasses, intensifying the sun's heat and causing "scald" or "burn" damage. Evaporation is also highest during the heat of the day, resulting in less water actually reaching the plants' roots.

The ideal time for lawn and plant watering is between 4 a.m. and 6 a.m. when evaporation is low, but never late in the evening. This gives the ground a chance to soak the water in and reach the root system of the plants. Watering late in the evening could possibly cause more disease and weed problems as they tend to develop more at night than during the day. If you split your irrigation times, make your second application during the early evening hours.

Some key points to remember

Create water zones by putting plants together that have similar water needs. Lawns have different water requirements than ornamental plants and trees. In addition, plants can be grouped into low, moderate and high water use areas. (Limit the number high water use plants in your landscape design, however). Each zone of plants should be irrigated according to its needs.

Since lawns and gardens should be watered in the early morning hours, a problem may not be discovered until it is too late. Test, adjust and repair your sprinkler heads and drip emitters

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weekly. Make sure the system is adjusted properly to avoid watering sidewalks and driveways. Consider replacing your old time clock with one of the new smart irrigation controllers on the market, today. Once programmed, these controllers irrigate based on evapotranspiration or air temperature. There are also "soil sensors" available which control the amount of irrigation taking place. These recent irrigation innovations are designed to apply the optimal amount of water throughout the year.

How long should you run your sprinklers, and how often?

In terms of sprinkler run times, there is no one answer to fit all applications. The optimal amount of water needed varies considerably depending on your location within our service area, types of sprinklers used, amount of sun an area receives, soil type and the kind of plant being watered (lawn vs. shrubs, for example).

Ideally, each time your lawn is watered the water should soak into the ground about 6 to 8 inches. This encourages deep root growth. This principle of deep watering applies to other types of plants, as well. Trees and shrubs will require deeper watering using other types of emitters to reach their greater root depths, however. Periodically, test the soil moisture with a shovel or screwdriver. If the soil is moist throughout, you're watering times are most likely in the ballpark. Most likely (depending on sprinkler type) this can be accomplished by watering your lawn no more than 15 minutes each day during the summer and less during the cooler months. Trees and other types of plants have different water needs, and the optimal times vary considerably based on conditions and type of plant.

Water conservation is easy to achieve!