City of Santa Fe

Agenda

PUBLIC UTILITIES COMMITTEE MEETING
WEDNESDAY, FEBRUARY 6, 2019
City Hall
City Council Chambers
Regular Meeting – 5:00pm

1. CALL TO ORDER

2. ROLL CALL

3. APPROVAL OF AGENDA

4. APPROVAL OF CONSENT AGENDA

5. APPROVAL OF MINUTES FROM THE JANUARY 2, 2019 PUC MEETING

INFORMATIONAL ITEMS

6. Current Status of Water Reuse in Santa Fe. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)

CONSENT – ACTION CALENDAR

7. Monthly Update of Capital Improvements Projects. (Shannon Jones, Public Utilities Department Director, swjones@santafenm.gov, 955-4267)

8. Update on Current Water Supply Status and Drought, Monsoon and Storage. (Rick Carpenter, Interim Water Division Director, rrcarpenter@santafenm.gov, 955-4206)

9. Wastewater Management Division Monthly Update. (Mike Dozier, Wastewater Management Division Director, mldozier@santafenm.gov, 955-4642)

10. Environmental Services Division Monthly Update. (Shirlene Sitton, Environmental Services Division Director, sesitton@santafenm.gov, 955-2209)

RECEIVED AT THE CITY CLERK'S OFFICE
DATE: January 30, 2019
TIME: 3:00 PM

11. Request for approval of Award of Bid '19/07/B to Alpha Southwest for FY 2018/2019 Emergency Repair & Operations and Maintenance Project – CIP# 956 for the amount of $189,765.63 inclusive of NMGRT. (Bill Huey, Engineer, bchuey@santafenm.gov, 955-4273)

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

12. Request for approval of Award of Bid '19/11/P to AECOM Technical Services for Engineering Design and Consulting Services for the Buckman Booster Station BS-3 & BS-4 Rehabilitation Project – CIP# 3041 for the amount of $1,312,533.00 inclusive of NMGRT. (Robert Jorgensen, Engineer, rnjorgensen@santafenm.gov, 955-4265)

    a. Budget Adjustment Resolution for the amount of $1,312,533.00.

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

13. Request for approval of Award of Bid '19/08B to A.A.C. Construction, LLC for the FY 2018/2019 PRV Replacement Project – CIP # 3053A for the amount of $250,000.01 inclusive of NMGRT. (Bill Huey, Engineer, bchuey@santafenm.gov, 955-4273)

    a. Budget Adjustment Resolution for the amount of $250,000.01.

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

14. Request for approval of Amendment No. 2 to the original PSA Item # 17-0520 with John Shoemaker & Associates, Inc. for Water Resources professional services for the amount of $65,825.00 exclusive of NMGRT. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

15. Request for approval of Amendment No. 2 to the original PSA Item # 17-0817 with Carollo Engineers, Inc. for the Reuse Pipeline for the amount of $148,234.00 inclusive of NMGRT. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)

a. Budget Amendment Resolution for the amount of $148,234.00.

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

16. Request for approval of a Budget Amendment Resolution (BAR) for Lines, Extensions & Mains for the amount of $2,196,635.00. (Shannon Jones, Public Utilities Department Director, swjones@santafenm.gov, 955-4267)

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

17. Request for approval of a Professional Services Agreement with Bohannan Huston, Inc. for engineering services for the Master Meter Design and Engineering Construction Services project for the amount of $27,623.55 inclusive of NMGRT. (Kristin Johansen, Engineer, kgjohansen@santafenm.gov, 955-4279)

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

18. Request for approval of the purchase of six (6) collection vehicles from Bruckner's Truck Sales via the Cooperative Educational Services for the total amount of $2,144,233.00. (Lawrence Garcia, ESD Project Administrator, lmgarcia@santafenm.gov, 955-2241)

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

19. Request for approval of the procurement of City-Wide Maintenance, Repairs and Operational Supplies from Grainger under the National IPA Agreement # 141003 for the total amount of $60,000.00. (Lawrence Garcia, ESD Project Administrator, lmgarcia@santafenm.gov, 955-2241)

Public Utilities Committee – 2/6/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

20. Request for approval of Amendment No. 1 to the original contract number 17-1335 for the amount of $1,119,813.12, increasing the original contract sum to $4,860,000 (paid in 96 installments) for the Compressed Natural Gas (CNG) Fueling Facility Design, Build, Operation and Maintenance (RFP# '18/01/P); Clean Energy. (Keith

Wilson, Transit Division Director, kpwilson@santafenm.gov, 955-2223 and Shirlene Sitton, Environmental Services Division Director, sesitton@santafenm.gov, 955-2209)

Public Utilities Committee – 2/6/2019
Public Works Committee – 2/11/2019
Finance Committee – 2/18/2019
City Council – 2/27/2019

MATTERS FROM THE PUBLIC
MATTERS FROM THE CITY ATTORNEY
MATTERS FROM STAFF
MATTERS FROM THE COMMITTEE
NEXT MEETING: Wednesday, March 6, 2019 at City Council Chambers
ADJOURN

PERSONS WITH DISABILITIES IN NEED OF ACCOMODATIONS, CONTACT THE CITY CLERK'S OFFICE AT 505-955-6520, FIVE (5) WORKING DAYS PRIOR TO THE MEETING DATE.

SUMMARY OF ACTION
PUBLIC UTILITIES COMMITTEE MEETING
CITY HALL, CITY COUNCIL CHAMBERS
WEDNESDAY, FEBRUARY 6, 2019, 5:00 PM

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APPROVAL OF AGENDA	APPROVED	1
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MONTHLY UPDATE OF CAPITAL IMPROVEMENTS PROJECTS	APPROVED	7-8
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WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE	APPROVED ON CONSENT	9
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REQUEST FOR APPROVAL OF AWARD OF BID '19/07/B TO ALPHA SOUTHWEST FOR FY 2018/2019 EMERGENCY REPAIR AND OPERATIONS AND MAINTENANCE PROJECT - CIP# 956 FOR THE AMOUNT	APPROVED ON CONSENT	11

OF $189,765.63 INCLUSIVE OF NMGRT		
REQUEST FOR APPROVAL OF AWARD OF BID '19/11/P TO AECOM TECHNICAL SERVICES FOR ENGINEERING DESIGN AND CONSULTING SERVICES FOR THE BUCKMAN BOOSTER STATION BS-3 AND BS-4 REHABILITATION PROJECT - CIP# 3041 FOR THE AMOUNT OF $1,312,533.00 INCLUSIVE OF NMGRT.	APPROVED ON CONSENT	11
REQUEST FOR APPROVAL 0F AWARD OF BID '19/08B TO A.A.C. CONSTRUCTION, LLC FOR THE FY 2018/2019 PRV REPLACEMENT PROJECT - CIP #3053A FOR THE AMOUNT OF $250,000.01 INCLUSIVE OF NMGRT.	APPROVED ON CONSENT	11
REQUEST FOR APPROVAL OF AMENDMENT NO. 2 TO THE ORIGINAL PSA ITEM # 17-0520 WITH JOHN SHOEMAKER AND ASSOCIATES, INC. FOR WATER RESOURCES PROFESSIONAL SERVICES FOR THE AMOUNT OF $65,825.00 EXCLUSIVE OF NMGRT.	APPROVED ON CONSENT	11-12
REQUEST FOR APPROVAL OF AMENDMENT NO. 2 TO THE ORIGINAL PSA ITEM #17-0817 WITH CAROLLO ENGINEERS, INC. FOR THE REUSE PIPELINE FOR THE AMOUNT OF $148,234.00 INCLUSIVE OF NMGRT.	APPROVED	12
REQUEST FOR APPROVAL OF A BUDGET AMENDMENT RESOLUTION (BAR) FOR LINES, EXTENSIONS AND MAINS FOR THE AMOUNT OF $2,196,635.00.	APPROVED ON CONSENT	12
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CONSTRUCTION SERVICES PROJECT FOR THE AMOUNT OF $27,623.55.		
REQUEST FOR APPROVAL OF THE PURCHASE OF SIX (6) COLLECTION VEHICLES FROM BRUCKNER'S TRUCK SALES VIA THE COOPERATIVE EDUCATIONAL SERVICES FOR THE TOTAL AMOUNT OF $2,144,233.00.	APPROVED	13-14
REQUEST FOR APPROVAL OF THE PROCUREMENT OF CITY-WIDE MAINTENANCE, REPAIRS AND OPERATIONAL SUPPLIES FROM GRAINGER UNDER THE NATIONAL IPA AGREEMENT #141003 FOR THE TOTAL AMOUNT OF $60,000.00.	APPROVED ON CONSENT	14-15
REQUEST FOR APPROVAL OF AMENDMENT NO 1 TO THE ORIGINAL CONTRACT NUMBER 17-1335 FOR THE AMOUNT OF $1,119,813.12, INCREASING THE ORIGINAL CONTRACT SUM TO $4,860,000 (PAID IN 96 INSTALLMENTS) FOR THE COMPRESSED NATURAL GAS (CNG) FUELING FACILITY DESIGN, BUILD, OPERATION AND MAINTENANCE (RFP # '18/01/P); CLEAN ENERGY.	APPROVED	15-17
MATTERS FROM THE PUBLIC	NONE	17
MATTERS FROM THE CITY ATTORNEY	NONE	17
MATTERS FROM STAFF	NONE	17
MATTERS FROM THE COMMITTEE	INFORMATION/DISCUSSION	17
NEXT MEETING	MARCH 6, 2019	17
ADJOURN	ADJOURNED	17

PUBLIC UTILITIES COMMITTEE MEETING
CITY HALL, CITY COUNCIL CHAMBERS
WEDNESDAY, FEBRUARY 6, 2019, 5:00 PM

1. CALL TO ORDER

The meeting of the Public Utilities Committee was called to order at 5:00 pm by Chairman Councilor Christopher Rivera, at City Hall, City Council Chambers, on Wednesday, February 6, 2019, Santa Fe, New Mexico.

2. ROLL CALL

Members Present:
Councilor Christopher Rivera, Chair
Councilor Peter Ives
Councilor Renee Villarreal
Councilor JoAnne Vigil Coppler
Councilor Carol Romero-Wirth

Members Absent:

Others Present:
Shannon Jones, Director, Public Utilities Department
Stephanie López, Public Utilities Department
Marcos Martínez, Assistant City Attorney
Elizabeth Martin, Stenographer

NOTE: All items in the Committee packet for all agenda items are incorporated herewith to these minutes by reference. The original Committee packet is on file in the Public Utilities Department.

3. APPROVAL OF AGENDA

MOTION A motion was made by Councilor Ives, seconded by Councilor Villarreal, to approve the agenda as presented.

VOTE The motion passed unanimously by voice vote

4. APPROVAL OF CONSENT AGENDA

Councilor Romero-Wirth pulled items 7,8,15 and 20 for discussion.

Councilor Villarreal pulled items 18 and 20 for discussion.

Councilor Vigil Coppler pulled items 10 and 17 for discussion.

MOTION A motion was made by Councilor Villarreal, seconded by Councilor Ives, to approve the Consent Agenda as amended.

VOTE The motion passed unanimously by voice vote.

5. APPROVAL OF MINUTES
JANUARY 2, 2019

MOTION A motion was made by Councilor Ives, seconded by Councilor Vigil Coppler, to approve the minutes as presented.

VOTE The motion passed unanimously by voice vote.

INFORMATIONAL ITEMS

6. CURRENT STATUS OF WATER REUSE IN SANTA FE
Bill Schneider

Mr. Schneider made a presentation on water reuse in Santa Fe. The presentation is attached herewith to these minutes as Exhibit "1".

Questions and discussion were as follows:

Councilor Ives said the influent stays pretty constant. In terms of those numbers if you added up all the columns how many acre feet would that be.

Mr. Schneider said 5,791 acre feet. That is the amount the City has the legal ability to put in use as it chooses.

Councilor Ives said if we faced a water crisis it would seem to suggest a certain amount of resiliency of our water supply for people in their homes.

Mr. Schindler said he concurred.

Councilor Romero-Wirth asked is it necessary to always say beneficial uses. Is there a reason why you do that. Beneficial use is a legal term.

Mr. Schneider said no. He hadn't thought of it in that manner.

Councilor Ives said the orange columns amount of influent water by virtue of reaching the plant belongs to the City of Santa Fe. Is he correct.

Mr. Martinez said the treated effluent is available for the City of Santa Fe to use. You are saying water that reaches the plant belongs to the City of Santa Fe. He thinks that is correct. No other entities that have ability to take that water.

Councilor Romero-Wirth asked the purple does not reflect what we put on turf.

Mr. Schneider said it doesn't. It reflects a reuse pipeline.

Councilor Romero-Wirth asked so not all is going into the Santa Fe River, some is going to turf.

Mr. Schneider said yes.

Chair Rivera asked in the months where influent is high, but reuse is low does all that go back into the river or do we store it other than in the tank at SWAN Park.

Mr. Schneider said that is the water that the Water Division is exploring to put to reuse. Currently there is no way to capture that water nor does the City get a credit for that water.

Councilor Romero-Wirth asked when you say make improvements what do you mean. What are you talking about.

Mr. Schneider said there are a couple of concepts on his concluding slide.

Councilor Romero-Wirth said we approved a housing development by the mall a while back where they are putting in a park and doing all the work, but then are giving it to us. That will presumedly add water needed from this water. Is that correct and are we budgeting for these kind of additions. Does SWAN Park use reuse water and is that included in these calculations.

Mr. Schneider said the SWAN Park build-out does not have a reuse water budget. We can provide the water if needed. He is not clear on the process.

Mr. Jones said Wastewater was involved in the extension of treated effluent water to Swan park. He believes the park you are referring to is in the Los Solares area.

Councilor Romero-Wirth said she is curious about both. As we add parks and turf are we thinking about that in these calculations.

Mr. Schneider said it is on our minds every day.

Mr. Jones said the SWAN Park connection is not purple pipe. The extension of purple pipe has been studied and it now extended.

Councilor Romero-Wirth asked we are going to take the purple pipe on to SWAN.

Mr. Jones said it is there now.

Councilor Romero-Wirth asked is there additional turf for phase 2.

Mr. Jones said yes and there is sufficient water for that. We are working with Parks to determine meeting that need. We don't know what it looks like yet.

Councilor Romero-Wirth asked shouldn't we know what it looks like so we know the impact. Also is the housing development next to the mall included in the calculations.

Mr. Jones said it is not.

Councilor Romero-Wirth asked should it be or is it negligible.

Mr. Schneider said we do have to prepare for future growth and water supply. The soccer complex as well.

Councilor Romero-Wirth said so it seems we should include in these calculations the additional numbers for reuse.

Mr. Schneider said he agrees. We are going to do that. His presentation is on 2017 numbers.

Mr. Jones said the City should be considering how they want to water any turf and budget accordingly.

Councilor Ives said in your memo you list the four largest users as the Marty Sanchez golf facility, the Santa Fe Country Club, the MRC and the Downs at Santa Fe. Is there an agreement in place with the Downs at Santa Fe. It is owned by Teseque Pueblo.

Mr. Martinez said it is owned by a corporation owned by the Pueblo.

Councilor Ives said we supply to all these folks at no cost. He is curious as to why we don't show that as a budgetary matter. It will become more critical as our water supplies go down. Can we include that as we move forward.

Mr. Jones said in each of these agreements they get the treated effluent for the cost of getting it there. The Downs fields are used for youth soccer practice. The City deemed that of value so as long as they allow that use of the fields we don't charge.

Councilor Ives said he is not arguing for charging he is talking about understanding the value of what is being given to each of these facilities for giving them water. He would like to understand the value of what is being given. These are significant quantities.

Mr. Jones said we will work on that.

Councilor Ives said the Country Club is entitled to up to 700 acre feet. If they are using 330 acre feet per year what would the value of that water be. That is a private entity.

Mr. Schneider said 1,200 acre feet is worth $1.1 million per year. That is the total of all the users. The Country Club is 1/4 of that.

Councilor Ives said he worries about anti-donation issues.

Mr. Martinez said that is an issue worth looking into. When the City and the Country Club entered into a contract in the 1950s the value of treated effluent was not highly priced. We can look at it again to see if we are getting a sufficient return on that. Initially Santa Fe residents were given reduced fees to play golf there. He doesn't think that adds up the current value. Donations to nonprofits would be subject to issues raised. For government entities case law shows they are not under the same scrutiny for anti-donation.

Councilor Ives said in your memo the task force has identified conservation measures.

Mr. Schneider said the largest savings would be in redoing the quantity and type of the turf at Marty Sanchez and replacing the sprinklers to a more efficient system. Las Companas has done a remarkable job with their turf. We are looking at how much we can save per dollar spent. We don't know if they have sufficient funds to conduct these kinds of replacements.

Councilor Romero-Wirth said when we are talking about budgets there is a monetary budget which is your point, but her point is shouldn't we have water budgets for these. Maybe we need to renegotiate the current agreements given this water is now more valuable.

Mr. Schneider said he concurs. That is one of the messages he is trying to convey. There are procedures in place within Santa Fe City government to work with Land Use and develop these water budgets. You have encouraged him to bring them into the task force. Thank you and he will do that.

Councilor Romero-Wirth said to clarify you are now saying the exploration of the pipeline could also benefit all these customers using reclaimed water right now.

Mr. Schneider said there is proof of that concept yes.

Councilor Romero-Wirth asked would we be taking ownership of all those pipes. Their pipes. They own those.

Mr. Schneider said yes.

Councilor Romero-Wirth asked we would repair them and take them on.

Mr. Jones said he appreciates Bill's concept. There are opportunities where some of the reuse customers could be attached to that system. The City does own some of the pipes. The City owns the pipes at Marty Sanchez, SWAN Park and the recreation center.

Councilor Romero-Wirth said, but only the pipes we own.

Mr. Jones said the pipes we we own would be the ones that would be chosen.

Mr. Schneider said maybe Parks should not be in the business of permitting treated wastewater applications. Maybe centralize wastewater distribution within the City.

Councilor Romero-Wirth said the idea of reuse in this pipeline, we are not reusing it, we are capturing water we are not using. Is that reuse.

Mr. Martinez said one of the ideas Bill is suggesting is that the City obtain a credit for the water we are returning to the river, a credit we are not currently receiving. Then we would be able to use more wet water. If we had a pipeline to the Rio Grande the City would have additional opportunities.

Councilor Romero-Wirth said this is not reuse per se, it is additional water.

Mr. Martinez said it is treated effluent. We are getting the opportunity to get credit for that water and a like amount of potable water so it is a second use or more uses of the water that has gone through the system.

Chair Rivera said a report that Claudia did some time back showed we would not have enough reclaimed water to meet our obligations to everybody we currently supply reclaimed water to. Is that still the case.

Mr. Schneider said there are months were there are challenges to meet all of it, especially in July. There are potentially other permeations of the pipeline project to add to some of these concerns.

Chair Rivera said clearly there would be repercussions if we decided to terminate

the agreements with these users.

Mr. Martinez said that is correct with respect to the Downs. With the Country Club it is a different legal issue. There is no termination provision in that contract.

Chair Rivera said he met with the Country Club a couple of years ago because this irritates him. That agreement was done a while back and it is pretty frightening what would happen if we terminated that agreement. His understanding is if we changed it and they decided to they could leave the Country Club and it would become City property and we would inherit that and the golf course.

Chair Rivera thanked Mr. Schneider

CONSENT-ACTION CALENDAR

7. MONTHLY UPDATE OF CAPITAL IMPROVEMENTS PROJECTS
Shannon Jones

Councilor Romero-Wirth asked on the water reuse pipeline implementation plan is that the same as we just talked about.

Mr. Jones said yes.

Councilor Romero-Wirth asked the money comes from a grant or where.

Mr. Jones said it is not a grant. It is cash from the Water Division.

Councilor Romero-Wirth asked what is purpose of this money.

Mr. Schneider said the outcome of the discussion was a request for additional public participation in this process on what the City decides to do with the reuse of water. Three things came out of that. We decided to host public meetings and have had one. People want more involvement. We could hire a firm that does water issues to help guide us and facilitate.

Councilor Romero-Wirth said that is not what this is referring to. This is the $240,000 that has been 85% spent.

Mr. Schneider said this is an amendment to that contract.

Councilor Romero-Wirth said the 85% spent is the study.

Mr. Schneider said yes.

MOTION A motion was made by Councilor Romero-Wirth, seconded by Councilor Ives, to approve the update.

VOTE The motion passed unanimously by voice vote.

8. UPDATE ON CURRENT WATER SUPPLY STATUS AND DROUGHT, MONSOON AND STORAGE Alex Puglisi

Councilor Romero-Wirth asked what is the City's point of view on House Bill 220.

Mr. Puglisi said HB 220 calls for the Environment Department to change the New Mexico Water Quality Act. The effect on the City, he is not sure it will have an effect. That is why we are analyzing it further. We were contacted by the New Mexico Environment Department who said it might effect sites for contamination clean up and wastewater discharge areas. We are already meeting groundwater standards at point of discharge so he did not see where there would be an effect on Santa Fe. Some other cities may be effected. That was the concern brought to the New Mexico Municipal League.

Councilor Romero-Wirth asked which Environment Department, the old one or the new one.

Mr. Puglisi said the old one contacted the Municipal League.

Councilor Romero-Wirth said at a water meeting this morning we were told that a new FIR is coming out on this bill. She would be curious to see if the Department position changes with the new Administration.

Mr. Puglisi said he also heard that the new Department will be presenting a new evaluation of the Bill. He does not see how the measurement part of the Bill would be implemented for landfills.

Councilor Rivera-Wirth asked can you talk about the new rule for the clean water rule you refer to in your memo and how that effects us.

Mr. Puglisi said in December the EPA issues a rule rewrite on the 2015 Clean Water Rule that was implemented under the Obama administration. It defined what the waters of the US are. This changed it. The emphasis was to clarify the rule. It did anything but that. What the rule proposes is that a perennial flow to a nexus would not be subject to regulations. How that effects Santa Fe is our watershed flow for a good portion of the year. That is over miles of river bed. It flows only in response to precipitation. The federal stretch would not be subject to regulation. It would be treated

as isolated water. The Army Corp of Engineers issued a report in the 90s that they did not believe it was isolated and was coming from reservoirs and seepage. One of the consultants working for Bill has done some studies. We believe it is isolated water. The River Commission wrote a letter to the Mayor about this revision. It will remove much of the Santa Fe River stretch from regulation.

Councilor Romero-Wirth asked will the City issue comments on this rule when it comes available.

Mr. Puglisi said he believes there will be a Resolution. Public Works is working on that for a City response.

Councilor Romero-Wirth said as soon as it is released there will only be 60 days for public comments. It seems like something the City should prepare comments on.

Mr. Puglisi said he would definitely encore the City to comment on this. It does effect the Santa Fe River. All or some of it. We thought that would start before the beginning of December, but we were saved, shall we say, by the shut down.

Councilor Romero-Wirth said there are huge implications for the quality of water across the State.

Mr. Puglisi said yes. The Environment Department says 90% of the water in the State would be effected.

MOTION A motion was made by Councilor Ives, seconded by Councilor Villarreal, to approve the report.

VOTE The motion passed unanimously by voice vote.

9. WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE

Approved on consent.

10. ENVIRONMENTAL SERVICES DIVISION MONTHLY UPDATE
Shirlene Sitton

Councilor Vigil Coppler said she had a question about the adopt a median program. The memo says you are going to move the maintenance of medians to professionals. What role does the adopter play

Ms. Sitton said this is something we are working on right now. We are working with a subcommittee of the Santa Fe Beautiful Board. The program will still be monitored by staff. We are excited with the new Board of Santa Fe Beautiful. They are

very interested and involved. In the conversation on how to make the program work better safety was a big concern with volunteers on a median. The medians adopted and best maintained are all maintained by professionals. There is a large undertaking going on now mapping the medians with GIS technology and working on a new program to propose . As an example if Santa Fe Lexus adopts a median, they would pay a monetary fee that goes to the nonprofit and the nonprofit maintains a contract with a professional. There would be some kind of administration fee. The nonprofit could administer the contracts with the professionals. We have not finished this. We will be presenting this to you in the future.

Councilor Vigil Coppler said the adopters we have still get the advertising and the medians look ghastly.

Ms. Sitton said they paid originally. Part of this revamping will be maintaining the medians that are not maintained. Everyone will be given the chance to re-adopt.

Councilor Vigil Coppler asked are there formerly adopted contracts in place for these.

Ms. Sitton said the contracts are open ended and have to be revamped. There has not in the past been sufficient staff to monitor the medians or to have a reporting system. All of that will be part of the new program. Minimum standards will have to be met.

Councilor Vigil Coppler asked how long will this process take. They are getting free advertising and the medians look awful.

Ms. Sitton said that is part of this process of mapping the medians. We are working with GIS who had to develop a program to map and rate the medians. Records had not been kept in the past. It is a really big project. Once we reach out to the adopters and have new contracts we will be covered.

Councilor Vigil Coppler said when she worked for the City long ago and Santa Fe Beautiful was in its prime she thought the agreement was in exchange for advertising the adopter would pay for plantings and keep everything maintained. The City would put up the sign. Some people misunderstood that they only had to do that once. One particularly large median is just dirt. The adopter is blaming the City.

Ms. Sitton said you are hitting on the truth. There is not a good protocol for medians as to if they have water available. The contract does state that the City would water the medians on occasion. She doesn't have it in front of her. The protocol is not clear and with no record keeping there is to way to address lapses in maintenance. The new program will address all those things.

Councilor Vigil Coppler said she agrees that we don't want volunteers in the

middle of the street. That is a good idea.

Councilor Villarreal asked for the food waste composition pilot program are you partnering with Reunity Resources.

Ms. Sitton said yes.

Councilor Villarreal asked what is their role.

Ms. Sitton said they are composting the waste.

MOTION A motion was made by Councilor Villarreal, seconded by Councilor Vigil Coppler, to approve the report.

VOTE The motion passed unanimously by voice vote.

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14. REQUEST FOR APPROVAL OF AMENDMENT NO. 2 TO THE ORIGINAL PSA ITEM # 17-0520 WITH JOHN SHOEMAKER AND ASSOCIATES, INC. FOR WATER RESOURCES PROFESSIONAL SERVICES FOR THE AMOUNT OF $65,825.00 EXCLUSIVE OF NMGRT.

Approved on consent.

15. REQUEST FOR APPROVAL OF AMENDMENT NO. 2 TO THE ORIGINAL PSA ITEM #17-0817 WITH CAROLLO ENGINEERS, INC. FOR THE REUSE PIPELINE FOR THE AMOUNT OF $148,234.00 INCLUSIVE OF NMGRT. Shannon Jones

Councilor Romero-Wirth asked are we to understand that this contract deals with community input.

Mr. Jones said we are looking for input on the format and we can do as many as needed. The plan will be for the duration of the project which could be for years. Carollo developed the communication plan.

Councilor Romero-Wirth said so it will be development as part of this contract.

Mr. Jones said yes.

Councilor Romero-Wirth asked optimization of the treatment process. What do you mean by that.

Mr. Jones said we know there are alternatives for reuse that have a place in the implementation plan. Some have unknown requirements. We will look at optimization of the wastewater plans and what advanced treatment means and where that is appropriate.

Councilor Romero-Wirth said the study showed four alternatives, so this is looking at those and the implications of them.

Mr. Jones said in the regional feasibility study twelve alternatives were identified. Four of them are feasible. We have done a lot of work on that one. This is looking at the other three.

MOTION A motion was made by Councilor Romero-Wirth, seconded by Councilor Villarreal, to approve the request.

VOTE The motion passed unanimously by voice vote.

16. REQUEST FOR APPROVAL OF A BUDGET AMENDMENT RESOLUTION (BAR) FOR LINES, EXTENSIONS AND MAINS FOR THE AMOUNT OF $2,196,635.00.

Approved on consent.

17. REQUEST FOR APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH BOHANNAN HUSTON, INC. FOR ENGINEERING SERVICES FOR THE MASTER METER DESIGN AND ENGINEERING CONSTRUCTION SERVICES PROJECT FOR THE AMOUNT OF $27,623.55. Kristin Johansen

Councilor Vigil Coppler said she is curious about this because some time ago we had an agreement with Santa Fe County to take this over. Are they paying enough to us to do this. We have several different agreements with Santa Fe County. Are we getting enough from the County for this.

Mr. Jones said the City Public Utilities Department does benefit from this. We are obligated to put these in as part of the agreement with the County. There is a multi service fee on the County, but is a benefit to the water utility.

Councilor Vigil Coppler asked in the beginning they handled it.

Mr. Martinez said the context in 2015 was that under that the County would put in the meters as a result of annexation. There were several disputes. The City and County mediated those disputes. Part of the resolution was that the County would give the City money to install those master meters ourselves. The metering does help us to better manage our resources. The County has given us money to install these.

MOTION A motion was made by Councilor Vigil Coppler, seconded by Councilor Villarreal, to approve the request.

VOTE The motion passed unanimously by voice vote.

18. REQUEST FOR APPROVAL OF THE PURCHASE OF SIX (6) COLLECTION VEHICLES FROM BRUCKNER'S TRUCK SALES VIA THE COOPERATIVE EDUCATIONAL SERVICES FOR THE TOTAL AMOUNT OF $2,144,233.00. Lawrence Garcia

Councilor Villarreal said she wants to understand the process. She knows we applied for the grant and we did not get it. As part of the grant process we had to get bids from companies, but no agreement was made at that time.

Mr. Garcia said basically he owns some of that fault. We go out for pricing then we give the grant folks the pricing for the trucks. We are not given specific grant deadlines so we could not order the trucks until we got approval of the grant. Those truck vendors gave specific deadlines. This was at the same time that the President passed the metal tariff. That is partially what they utilized to come back with an increase in pricing.

Councilor Villarreal asked what was their timeline based on.

Mr. Garcia said the metal tariff. After that date passed they raised the pricing. He should have mentioned that in the memo and he failed to do that.

Councilor Villarreal asked it is a 5% increase.

Mr. Garcia said it is closer to 3%. $6,680 per vehicle, although not all the vehicles increased.

Councilor Villarreal asked do you think there is any negotiation room to try to get the original pricing.

Mr. Garcia said he has had those conversations with truck vendors. We have held them back from initial increases. They stated they have increases they are facing and they are not going to increase again. They are holding additional price increases and they understood our approval process. It is a roll of the dice. They believe metal is going to go down so it might stabilize. They will not negotiate to hold that first price.

Councilor Villarreal said she was just curious what that process looked like.

Chair Rivera said he thought one of the benefits of going off a structured price agreement is that the State does the bidding for you and there is a commitment of a certain amount of years. How can the prices change mid-stream.

Mr. Martinez said he has not looked at this specific contract. Only in the event that a bidder for cooperative bidding has to increase prices due to circumstances outside of their control not warranting the same price. He has seen that in other contracts. He assumes they had that in their contract, but has to look at these specific contracts.

Chair Rivera asked Mr. Martinez to look at the contract and let us know if there is such a provision.

Mr. Martinez said he will.

MOTION A motion was made by Councilor Villarreal, seconded by Councilor Vigil Coppler, to approve the request.

VOTE The motion passed unanimously by voice vote.

19. REQUEST FOR APPROVAL OF THE PROCUREMENT OF CITY-WIDE MAINTENANCE, REPAIRS AND OPERATIONAL SUPPLIES FROM GRAINGER UNDER THE NATIONAL IPA AGREEMENT #141003 FOR THE TOTAL AMOUNT OF $60,000.00.

Approved on consent.

20. REQUEST FOR APPROVAL OF AMENDMENT NO 1 TO THE ORIGINAL CONTRACT NUMBER 17-1335 FOR THE AMOUNT OF $1,119,813.12, INCREASING THE ORIGINAL CONTRACT SUM TO $4,860,000 (PAID IN 96 INSTALLMENTS) FOR THE COMPRESSED NATURAL GAS (CNG) FUELING FACILITY DESIGN, BUILD, OPERATION AND MAINTENANCE (RFP # '18/01/P); CLEAN ENERGY. Keith Wilson

Councilor Romero-Wirth said this was started before her time. She wants to hear a bit more about the project. These additions are they budgeted or where does the money come from to cover this. Is it next years budget.

Mr. Wilson said the compressed gas facility was built in 1990 when Transit came into being. We have always been in a contract with Clean Energy. The pumps have died so we have a mobile unit there fueling us. Four to five years ago the City started looking at replacing the facility. We got bids, but they fell trough. We looked at designing it ourselves, but did not have the funds to do that. We went out to RFP again for design build, operations and maintenance and we would pay back the capital costs over an eight year period, over 96 installments at $50,000 a month. We shared project environmental services and trash at half each. Operations changed based on usage of the fuel. There were no up front costs to the City. From a budget standpoint both of us have budgets for CNG. Actual costs will basically be comparable to what we have now. In Transit we are adding for the next budget $50,000 more for any additional costs. In eight years the City will own the fueling faculty and we will go out to a maintenance agreement.

Councilor Romero-Wirth said so this just adds an incremental cost.

Mr. Wilson said it is adding $12,000 a month to the cost of the project.

Councilor Villarreal said she is in support of upgrading this system. It is extremely important. She is trying to figure out why the 2015 geotechnical report was given to the contractor awarded, but not given to them until after they were awarded the contract. Why didn't they have that information.

Mr. Wilson said per the RFP we could not provide them with the engineering analysis for the soils.

Councilor Villarreal asked why.

Mr. Wilson said it was done by a professional engineer so they had ownership of it.

Councilor Villarreal asked the soils report was done by another contractor.

Mr. Wilson said another engineer. Subsequently after they were awarded they contracted with that engineer to get that soils report.

Councilor Villarreal said that report was ours. We contracted for that report.

Mr. Wilson said that was the direction given to us by the Facilities Department.

Councilor Villarreal said then the contractor awarded worked with that engineer. It sounds fishy.

Mr. Wilson said it does.

Councilor Villarreal asked how can we keep this from happening. They could be in cahoots for more money. How do we prevent this from happening.

Mr. Martinez said when the City enters into contracts with professional engineers or architects there is always a negotiation of who owns the intellectual property. On some contracts the City gets a copy and the ability to own it ultimately. Others negotiated say the engineer or architect maintains ownership of drawings. It is done on a case by case basis. He is not familiar with this case. He has seen both sides. If there is a general policy you want to see in the future the City Attorney can press for that. Right now we go with the Director of the Department.

Councilor Villarreal asked in the future can we then negotiate that. We put in that whatever they discover we can use for our own information.

Mr. Wilson said in this instance it was always thought the design would be design build so there would not be a need for the soils report. It was assumed that it would be built and we would not need it again.

Councilor Villarreal said she wants to avoid something like this from happening in the future. It seems we waste so much money on these amendments because we can't use something. This could have been less.

Mr. Wilson said in the change order they will work to use as much of that soil as possible. Hopefully in eight to ten months we can come back with an amendment to lower costs.

Chair Rivera asked the current filling station will this be at that same place.

Mr. Wilson said yes.

Chair Rivera asked you found concrete that needed to be replaced, do we really

need those there. Can they use the second location when it is build.

Mr. Wilson said the CNG station is where the pumps are. We had two options. Slow fill over several hours or, fast fill that allows us to fuel them up in fifteen minutes. The fast flow came in cheaper. Now we have two pumps that are fast fill. We want to get to where at the end of every day after checking fluids, etc they run through a wash bay. It is an inefficient process the other way. Over the last eighteen months it has deteriorated quickly in the short term so our plans are to redo all the pavement in the Transit yard. The idea is to do this concrete work now when the facility helps with the cost.

MOTION A motion was made by Councilor Villarreal, seconded by Councilor Romero-Wirth, to approve the request.

VOTE The motion passed unanimously by voice vote.

21. MATTERS FROM THE PUBLIC

None.

22. MATTERS FROM THE CITY ATTORNEY

None.

23. MATTERS FROM STAFF

None.

24. MATTERS FROM THE COMMITTEE

Chair Rivera said the fishing derby is worthwhile to keep going. It benefits our kids who are able to use it. He would like to start looking into a potential date and if we can do it again for the next meeting. Information only.

Mr. Jones said will do.

25. NEXT MEETING, MARCH 6, 2019

26. ADJOURN

There being no further business the meeting adjourned at 6:50 pm.

Councilor Christopher Rivera, Chair

Elizabeth Martin, Stenographer

PUC Update
Existing Water Reuse
City of Santa Fe

William H Schneider, P.G.

Water Resources Coordinator

City of Santa Fe

Public Utility Committee

February 6, 2019

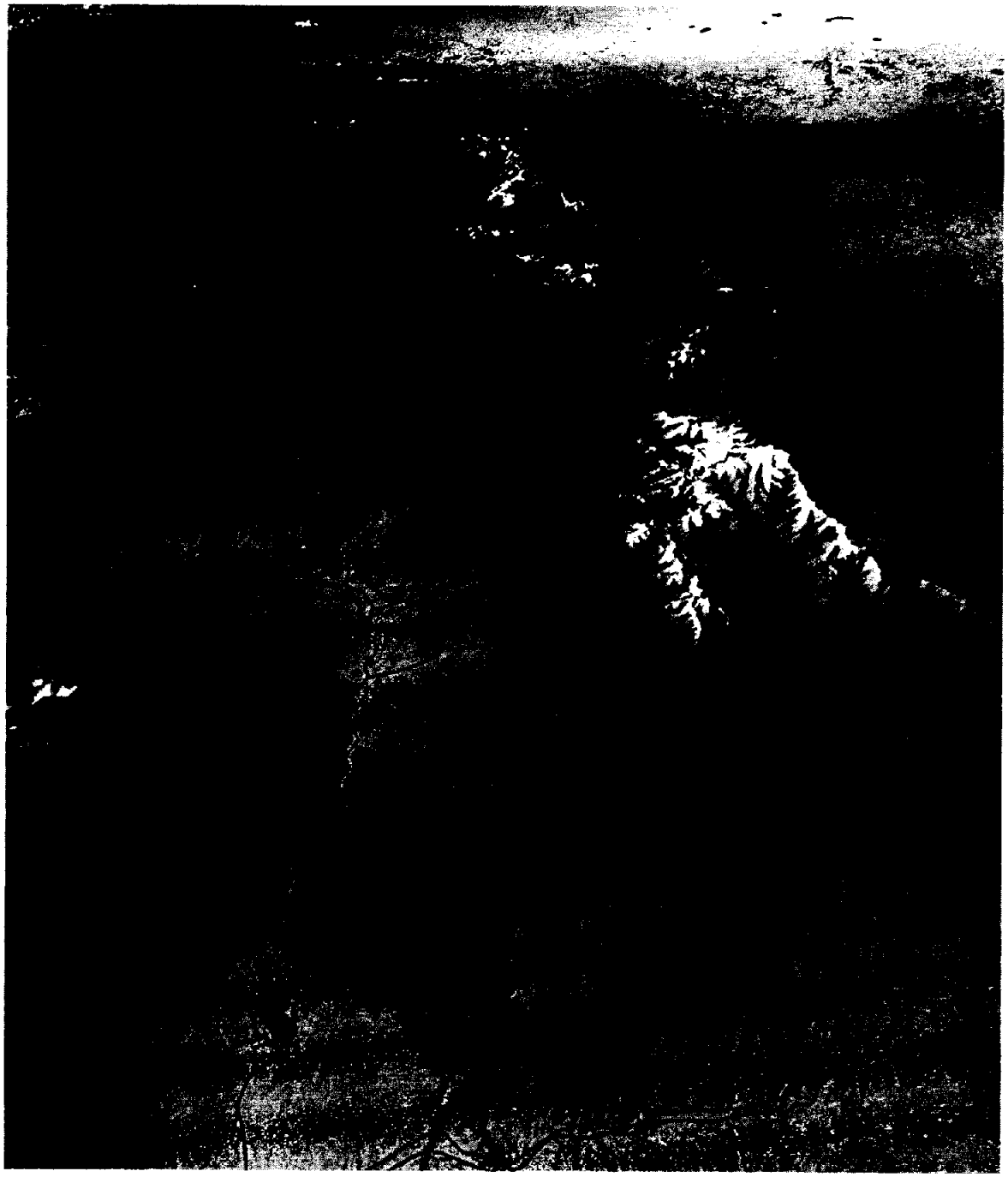

EXHIBIT 1

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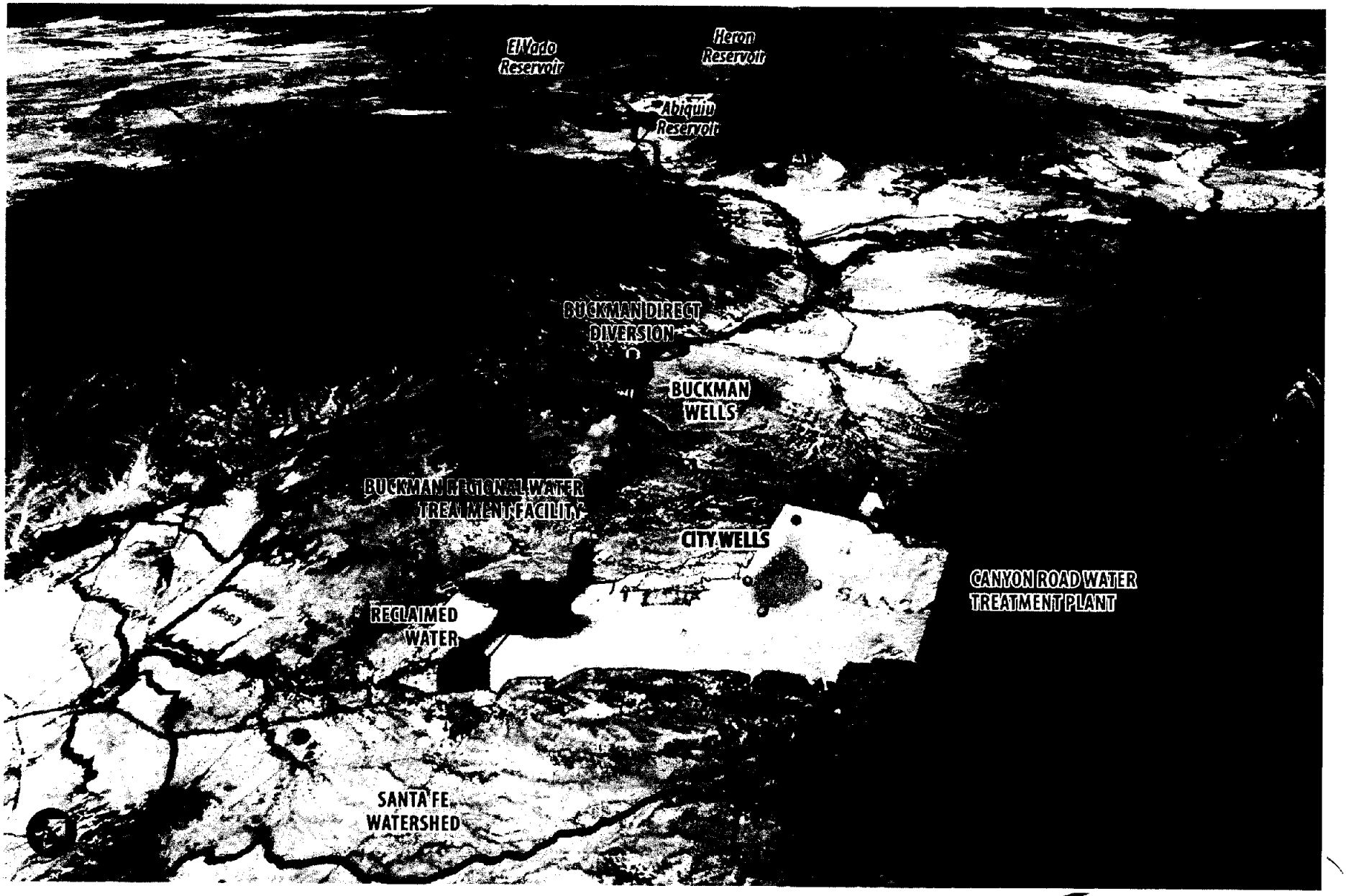
City of Santa Fe Sources of Water Supply



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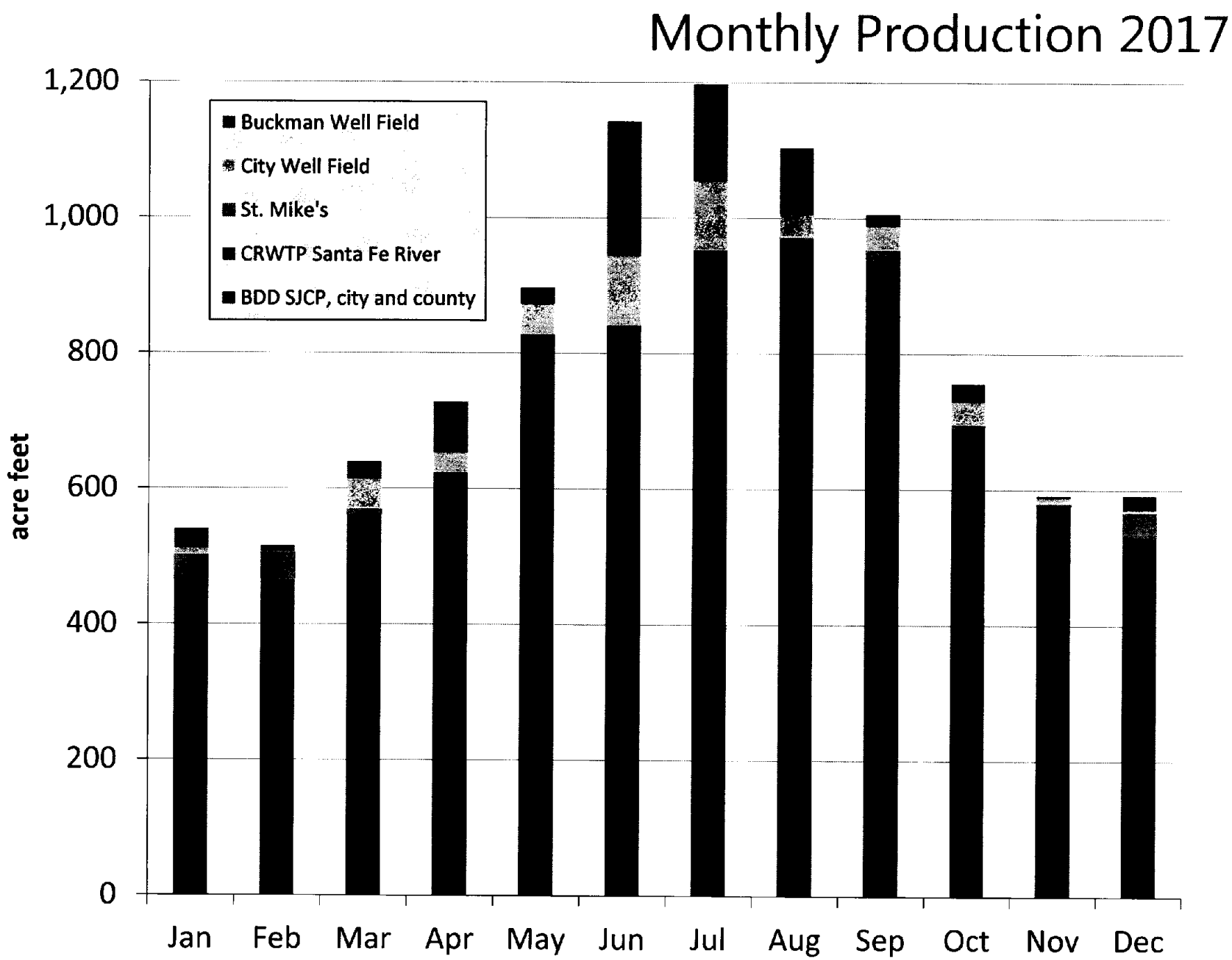
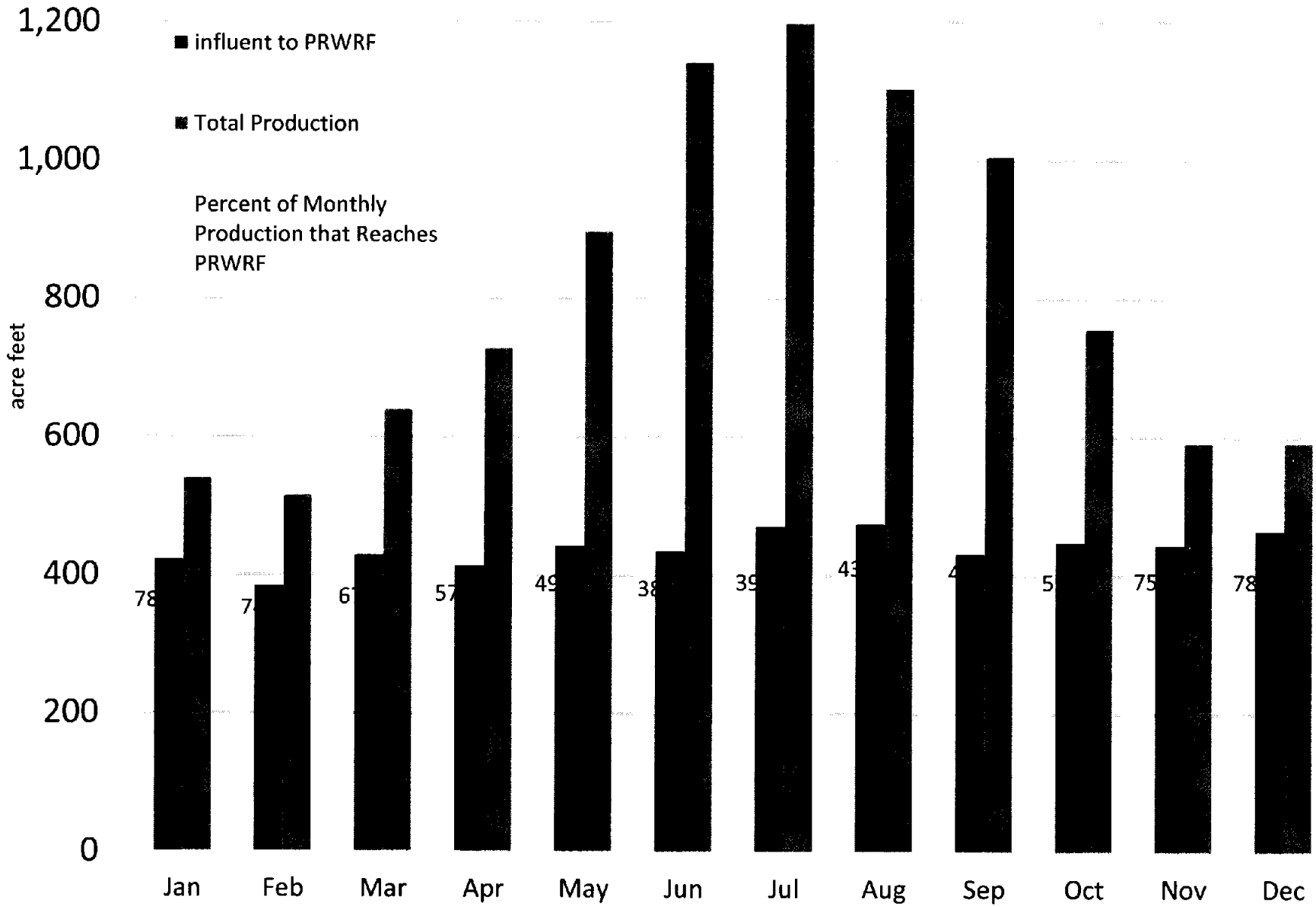
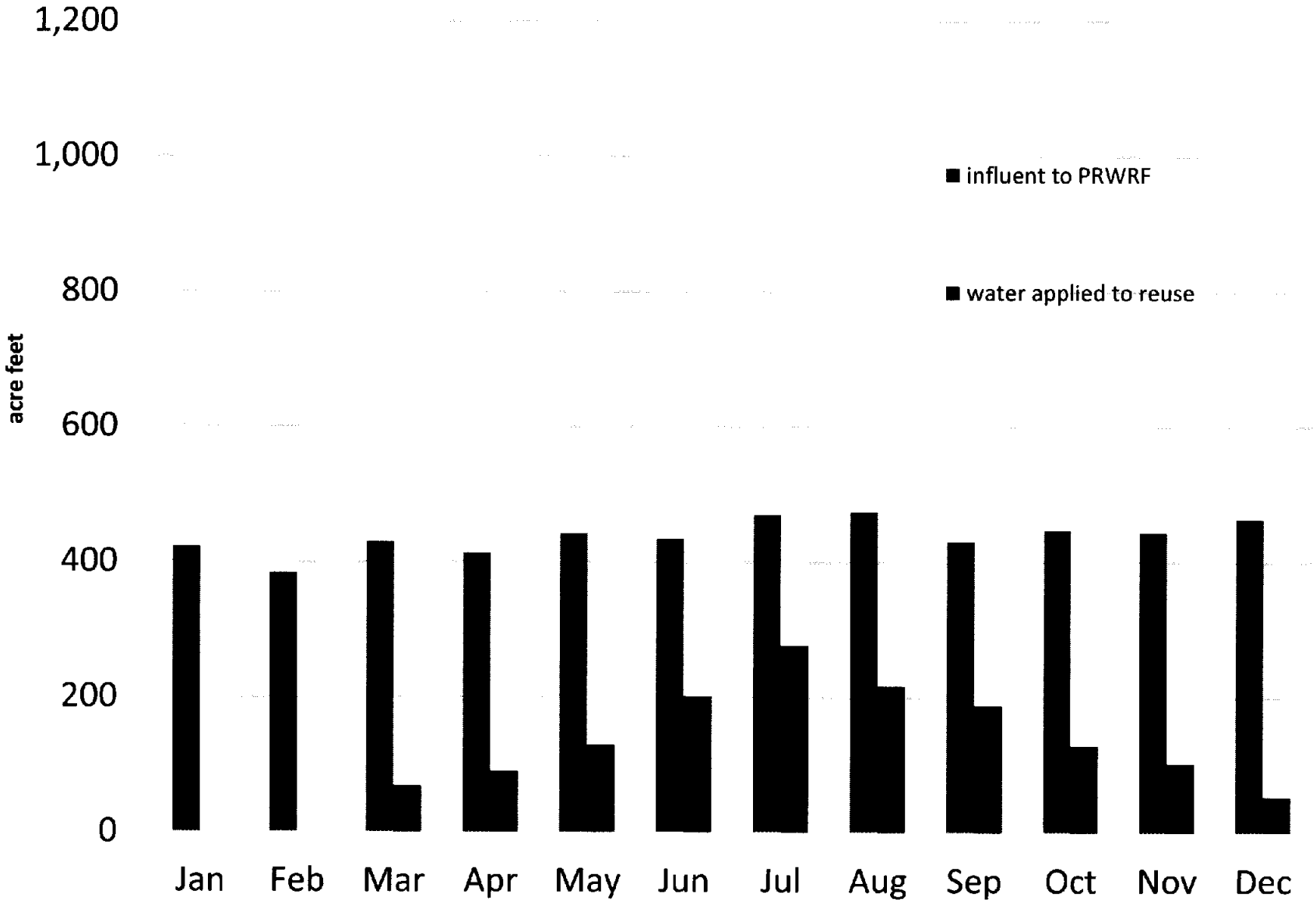

Monthly Production 2017
Buckman Well Field
City Well Field
St. Mike's
CRWTP Santa Fe River
BDD SJCP, city and county
acre feet
1,200
1,000
800
600
400
200
0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec

PRWRF Influent Flows vs. Total Production by Month 2017



2615 AFY SJCP available for reuse in 2017

PRWRF Influent Flows vs. Reuse by Month 2017



Current Reuse Water System

Reuse Water System Design

- Joint City Task Force (Water, Wastewater and Parks) evaluate ways to reduce non-potable water demand
- Current reuse system is a hodge-podge of pipes and pumps that each customer is responsible to maintain, operate, and permit.
- The reuse system is aged, prone to breakdowns and customers are ill-equipped to maintain
- No automation, labor intensive

Current Reuse Water System

Reuse Water Valuation

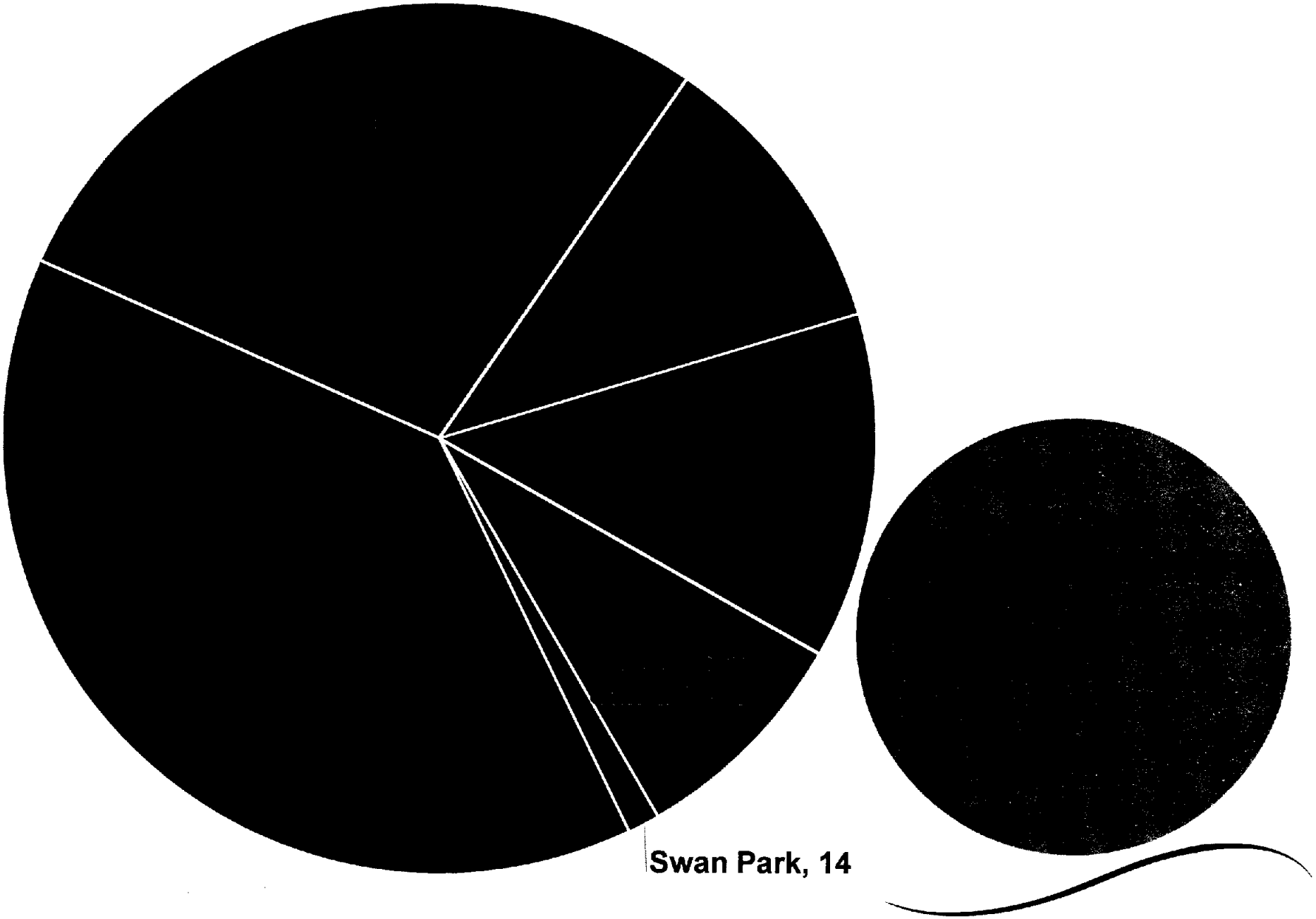
- Sells for $3.03 per 1,000 gallons
- 5,791 ac-ft of inflows reached Paseo Real Water Reclamation Facility,
  - $115,000,000 value based on $20,000/ac-ft replacement purchase price
- 2017 Reuse Water Sales
  - 129 ac-ft via standpipe ($127,365)
  - 1,200 ac-ft for turf irrigation ($0)
    - Sale value =$1,178,870
  - Club at Las Campanas interested in purchasing reuse water

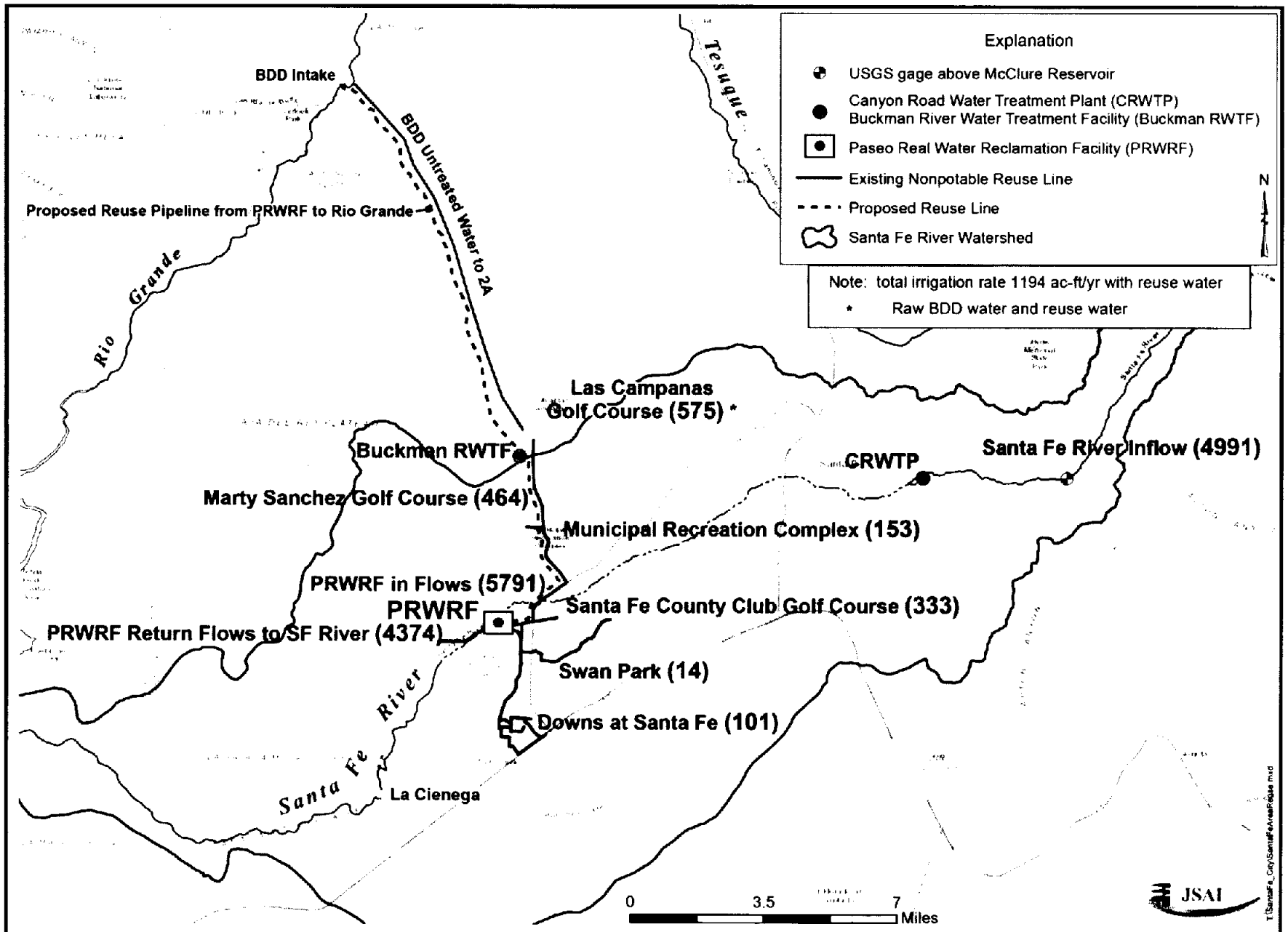
Current Reuse Water System

Reuse Water Usage and Conservation

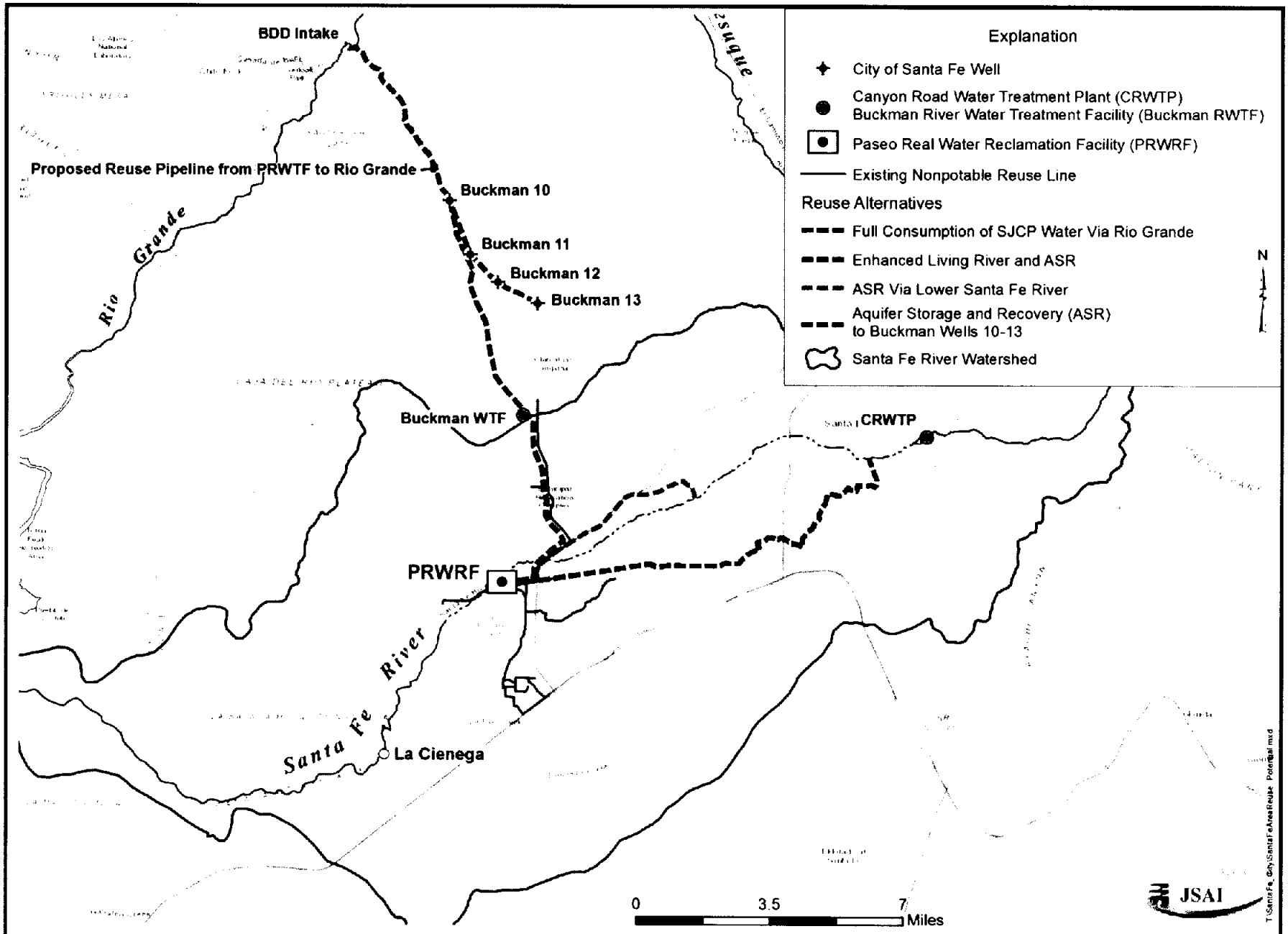
- Water audit indicates excessive water use at Marty Sanchez Golf and Country Club compared to Las Campanas (state of the art)
- No incentive to conserve water since its free and supply not limited
- Irrigation system at Marty Sanchez is nearing end of useful life.
- Country Club is a private entity and received free reuse water via a long standing agreement

2017 Irrigation by Reuse (ac-ft/yr)





Santa Fe Water Reuse System: 2017 Irrigation Rate (ac-ft/yr)



Santa Fe Water Reuse Alternatives

Future Plans

- Joint City Task Force develop an action plan to conserve water and bring to governing body
- Pursue grant funding (see below)
- Explore new business models for reuse system
- ONE IDEA: In the event the City pursues the proposed reuse pipeline to Rio Grande project, one idea is to replace the entire reuse system as part of the project. Wastewater could own and operate the system and be responsible for reuse sales and cost recovery.

New Funding Opportunity Announcements

1. Small-scale Water Efficiency Projects (SWEP) - FOA No. BOR-DO-19-F005; https: www.grants.gov web grants view-opportunity.html?oppId=312233 ; closes 04 24 19
2. Water and Energy Efficiency Grant (WEEG)- FOA No. BOR-DO-19-F004; https: www.grants.gov web grants view-opportunity.html?oppId=312533 ; closes 03 19 19
3. Cooperative Watershed Management Projects (CWMP) – FOA No. BOR-DO-18-F013; https: www.grants.gov web grants view-opportunity.html?oppId=309496 ; has been extended to 02 20 19
4. Drought Resiliency Projects – FOA No. BOR-DO-19-F003, https: www.grants.gov web grants view-opportunity.html?oppId=312255 ; closes 03 27 19

Filenan