



Agenda

**PUBLIC UTILITIES COMMITTEE
MEETING
AND
TOUR OF CANYON ROAD WATER TREATMENT PLANT
WEDNESDAY, JULY 3, 2019
1800 Canyon Road
Regular Meeting – 4:00pm
Tour Immediately After Meeting**

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF CONSENT AGENDA
5. APPROVAL OF MINUTES FROM THE JUNE 5, 2019 PUC MEETING

INFORMATIONAL ITEMS

6. Status Update on Groundwater Quality and Wellhead Protection Efforts within the City Well Field. (Alex Puglisi, Environmental Compliance Specialist, aapuglisi@santafenm.gov, 955-4232) **VERBAL**
7. Report on upcoming Wastewater Management Division Aeration Project – CIP # 975 challenges to accomplish the plan moving forward. Alan MacGregor, Engineering Supervisor, asmacgregor@santafenm.gov, 955-4623) **VERBAL**
8. Presentation regarding Pay-as-you-Throw variable rate residential trash collection information (Shirlene Sitton, Environmental Services Division Director, sesitton@santafenm.gov, 955-2209) **VERBAL**

CONSENT – ACTION CALENDAR

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

10. Update on Current Water Supply Status and Drought, Monsoon and Storage. (Rick Carpenter, Interim Water Division Director, rrcarpenter@santafenm.gov, 955-4206 and Alex Puglisi, Environmental Compliance Specialist, aepuglisi@santafenm.gov, 955-4232)
11. Wastewater Management Division Monthly Update. (Mike Dozier, Wastewater Management Division Director, mldozier@santafenm.gov, 955-4642)
12. Environmental Services Division Monthly Update. (Shirlene Sitton, Environmental Services Director, sesitton@santafenm.gov, 955-2209)
13. Request for approval of two (2) Budget Adjustment Resolutions for the following:
 - a. Transferring the current Assistant Procurement Officer (Position ID 1975) from FUND/BU 5205.52207 PUD/UBD/Collections Section to FUND/BU 5200.52200 PUD/Admin
 - b. Increase FUND/BU 5300.52300 to fund the salary difference for the Water Division Director (Position 2327) for FY 19/20.

Public Utilities Committee – 7/3/2019
 Finance Committee – 7/15/2019
 City Council – 7/31/2019

14. Request for approval of a Budget Adjustment Increase to the CIP Business Units for approved budgets and contracts for FY 2019/2020 for the total amount of \$3,692,550. (Shannon Jones, Shannon Jones, Public Utilities Department Director, swjones@santafenm.gov, 955-4267)

Public Utilities Committee – 7/3/2019
 Finance Committee – 7/15/2019
 City Council – 7/31/2019

15. Request for approval of Change Order No. 3 to the original contract 18-0835 with Bradbury Stamm Construction for the Paseo Real Wastewater Treatment Plant- Anaerobic Digesters for the amount of \$165,593.80 Inclusive of NMGR. (Alan MacGregor, Engineering Supervisor, asmacgregor@santafenm.gov, 955-4623)

Public Utilities Committee – 7/3/2019
 Finance Committee – 7/15/2019
 City Council – 7/31/2019

16. Request for approval of Award of Bid '19/14/B to PureOps for Meter Calibration and Testing Services for the Water Division for the amount of \$100,000 per fiscal year beginning FY 19/20 for a total amount of \$400,000 exclusive of NMGRT (Michael Moya, Transmission & Distribution Manager, mrmoya@santafenm.gov. 955-4243)

Public Utilities Committee – 7/3/2019
Finance Committee – 7/15/2019
City Council – 7/31/2019

17. Request for approval to spend over \$60,000 for the remaining term of the contract between the City of Santa Fe and Mobile Clean Car Wash. This is a four (4) year contract and will expire on 6/20/2022 with a remaining fund balance of with the remaining fund balance of \$533,951 (Lawrence Garcia, ESD Administrator lmgarcia@santafenm.gov)

Public Utilities Committee – 7/3/2019
Finance Committee – 7/15/2019
City Council – 7/31/2019

18. Request for approval Amendment No. 3 to the PSA 17-0520 with John Shoemaker & Associates for hydrology, hydrogeology, permit compliance and management requirements professional services for the total amount of \$271,001 exclusive of NMGRT. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)

Public Utilities Committee – 7/3/2019
Finance Committee – 7/15/2019
City Council – 7/31/2019

MATTERS FROM THE PUBLIC

MATTERS FROM THE CITY ATTORNEY

MATTERS FROM STAFF

MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, August 7, 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.

RECEIVED AT THE CITY CLERK'S OFFICE
DATE: June 26, 2019
TIME: 7:22 AM

**SUMMARY OF ACTION
PUBLIC UTILITIES COMMITTEE MEETING
AND TOUR OF CANYON ROAD WATER TREATMENT PLANT
WEDNESDAY, JULY 3, 2019 – 4:00 PM**

<u>ITEM</u>	<u>ACTION</u>	<u>PAGE</u>
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ROLL CALL	QUORUM	1
APPROVAL OF AGENDA	APPROVED	1
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APPROVAL OF MINUTES	APPROVED	2
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STATUS UPDATE ON GROUNDWATER QUALITY AND WELLHEAD PROTECTION EFFORTS WITHIN THE CITY WELL FIELD.	INFORMATIONAL ONLY	2
REPORT ON UPCOMING WASTEWATER MANAGEMENT DIVISION AERATION PROJECT – CIP # 975 CHALLENGES TO ACCOMPLISH THE PLAN MOVING FORWARD.	POSTPONED TO AUGUST 7, 2019	4
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WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE.	APPROVED ON CONSENT	6
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<p>REQUEST FOR APPROVAL OF TWO (2) BUDGET ADJUSTMENT RESOLUTIONS FOR THE FOLLOWING:</p> <p>a. TRANSFERRING THE CURRENT ASSISTANT PROCUREMENT OFFICER (POSITION ID 1975) FROM FUND/BU 5205.52207 PUD/UBD/COLLECTIONS SECTION TO FUND/BU 5200.52200 PUD/ADMIN.</p> <p>b. INCREASE FUND/BU 5300.52300 TO FUND THE SALARY DIFFERENCE FOR THE WATER DIVISION DIRECTOR (POSITION 2327) FOR FY 19/20</p>	<p>APPROVED</p>	<p>6</p>
<p>REQUEST FOR APPROVAL OF A BUDGET ADJUSTMENT INCREASE TO THE CIP BUSINESS UNITS FOR APPROVED BUDGETS AND CONTRACTS FOR FY 2019/2020 FOR THE TOTAL AMOUNT OF \$3,692,550.</p>	<p>APPROVED</p>	<p>7</p>
<p>REQUEST FOR APPROVAL OF CHANGE ORDER NO. 3 TO THE ORIGINAL CONTRACT 18-0835 WITH BRADBURY STAMM CONSTRUCTION FOR THE PASEO REAL WASTEWATER TREATMENT PLANT- ANAEROBIC DIGESTERS FOR THE AMOUNT OF \$165,593.80 INCLUSIVE OF NMGR.</p>	<p>APPROVED</p>	<p>8</p>
<p>REQUEST FOR APPROVAL OF AWARD OF BID '19/14/B TO PUREOPS FOR METER CALIBRATION AND TESTING SERVICES FOR THE WATER DIVISION FOR THE AMOUNT OF \$100,000 PER FISCAL YEAR BEGINNING FY 19/20 FOR A TOTAL AMOUNT OF \$400,000 EXCLUSIVE OF NMGR.</p>	<p>APPROVED ON CONSENT</p>	<p>8</p>
<p>REQUEST FOR APPROVAL TO SPEND OVER \$60,000 FOR THE REMAINING TERM OF THE CONTRACT BETWEEN THE CITY OF SANTA FE AND MOBILE CLEAN CAR WASH. THIS IS A FOUR (4) YEAR CONTRACT AND WILL EXPIRE ON 6/20/2022 WITH A REMAINING FUND BALANCE OF WITH THE REMAINING FUND BALANCE OF \$533,951.</p>	<p>APPROVED ON CONSENT</p>	<p>8</p>

REQUEST FOR APPROVAL AMENDMENT NO. 3 TO THE PSA 17-0520 WITH JOHN SHOEMAKER & ASSOCIATES FOR HYDROLOGY, HYDROGEOLOGY, PERMIT COMPLIANCE AND MANAGEMENT REQUIREMENTS PROFESSIONAL SERVICES FOR THE TOTAL AMOUNT OF \$271,001 EXCLUSIVE OF NMGR.	APPROVED ON CONSENT	9
MATTERS FROM THE PUBLIC	NONE	9
MATTERS FROM THE CITY ATTORNEY	NONE	9
MATTERS FROM STAFF	INFORMATIONAL/DISCUSSION	9
MATTERS FROM THE COMMITTEE	INFORMATIONAL/DISCUSSION	9
NEXT MEETING	AUGUST 7, 2019	9
ADJOURN	ADJOURNED	9
TOUR OF CANYON ROAD WATER TREATMENT PLANT	NONE	10

**PUBLIC UTILITIES COMMITTEE MEETING
AND TOUR OF CANYON ROAD WATER TREATMENT PLANT
WEDNESDAY, JULY 3, 2019 – 4:00 PM
Randall Davey Audubon Center, 1800 Canyon Road**

1. CALL TO ORDER

The meeting of the Public Utilities Committee was called to order at 4:30 pm by Chairman Councilor Christopher Rivera, at the Randall Davey Audubon Center, on Wednesday, July 3, 2019, Santa Fe, New Mexico.

2. ROLL CALL

Roll call indicated the presence of a quorum as follows:

Members Present:

Councilor Christopher Rivera, Chair
Councilor Peter Ives
Councilor JoAnne Vigil Coppler

Members Absent:

Councilor Carol Romero Wirth, Excused
Councilor Renee Villarreal, Excused

Others Present:

Shannon Jones, Director, Public Utilities Department
Jamie Rae Diaz, Public Utilities Department
Marcos Martinez, Assistant City Attorney
Melissa Byers, 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 and on the City of Santa Fe Website.

3. APPROVAL OF AGENDA

Mr. Jones stated that staff would like to request to postpone Item 7 to the August meeting.

Mr. Jones stated that an updated memo has been provided for Item 11.

Mr. Jones stated that an updated Budget Amendment Resolution has been provided for Item 14.

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

VOTE The motion passed unanimously by voice vote.

4. APPROVAL OF CONSENT AGENDA

Councilor Vigil Coppler pulled Items 13, 14 and 15 for discussion.

Councilor Ives pulled Item 10 for discussion.

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

VOTE The motion passed unanimously by voice vote.

5. APPROVAL OF MINUTES FROM THE JUNE 5, 2019 PUC MEETING

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

VOTE The motion passed unanimously by voice vote.

INFORMATIONAL ITEMS

6. STATUS UPDATE ON GROUNDWATER QUALITY AND WELLHEAD PROTECTION EFFORTS WITHIN THE CITY WELL FIELD. (Alex Puglisi)

Mr. Bill Schneider provided a handout for the presentation entitled "Source Water and Well Head Protection Strategy", which is attached hereto as Exhibit "1".

Mr. Schneider began the presentation.

Councilor Ives asked for clarification regarding the Hickox No 2 Well which is showing as being at zero capacity.

Mr. Schneider responded that there's at least three reasons. Staff sampled that well about two weeks ago and is waiting for results. The well has been offline for a long time and it's not a very high producer, it's a very shallow well. At best it only produces 225 gallons per minute (gpm).

Councilor Ives also questioned why the Osage Well is so low because that's the well that was used for watering the plants along the river in the past. As he recalled it had a much greater capacity and now it's only showing as 19 gpm.

Mr. Schneider responded that that was correct. That restriction is its legal restriction to pump the quantity of water of the water right, it's not tied to the City wellfield nor is the St. Michael's well.

Mr. Schneider concluded the presentation.

Councilor Ives referenced the first two maps which showed portions of the City as well as portions of the Water Shed. He stated it would be helpful to see expanded maps showing all the wells as presumably there's 800 plus within the City alone; and the County wells need to come

into the discussion as well. On the first map under the key, 100+ well, there is one such well in the City that is not shown.

Mr. Schneider clarified that this work has been done in phases. It started first with just intercity wells and then it expanded to the City boundary and then expanded it once again for the entire Santa Fe River Watershed which encompasses the city and the county.

Councilor Ives asked if there is a 100+ well.

Mr. Schneider responded there is more than one. He thinks one is La Cienega community well, although he will confirm. One of the biggest producers, as shown on the map, is St. Vincent Hospital which has a supplemental well.

Councilor Ives asked if there's any way on this same map to show which wells are metered and monitored.

Mr. Schneider said staff could make that happen.

Councilor Vigil Coppler asked about getting some of the little wells incorporated into the City structure.

Mr. Schneider responded that it's a conceptual idea that staff needs to explore.

Councilor Vigil Coppler questioned if the Aamodt community water system ever comes into play, whether the wells on Bishop's Lodge would continue to be of concern to the City?

Marcos Martinez, Assistant City Attorney, responded that there's already been a basin line drawn by the state engineer, where they're including certain wells that will be available for hookup. He didn't think that any of the wells in the city limit are in that boundary, but he could find out from the State.

Council Vigil Coppler assumed they were in the boundary since the City took an action before or might take it, in terms of the settlement agreement.

Mr. Martinez responded that the City is a party to the settlement agreement.

Councilor Vigil Coppler asked what "SFGS" means.

Mr. Schneider responded that it is an acronym for the Santa Fe Generating Station. Historically in the 1950s PNM operated a generating station where they would burn diesel to produce electricity. It's a known area of contamination, it was part of the sales agreement with PNM in terms of transferring the well, as part of the acquisition of the water company. The liability of environmental cleanup stayed with PNM.

Councilor Vigil Coppler asked where exactly the property is.

Mr. Schneider answered that the property is adjacent to the School for the Deaf, there's an empty lot along the trail, next to Santa Fe Public Schools administrative facilities off Hickox.

Councilor Vigil Coppler asked about the Santa Fe Judicial Complex referenced on the map and whether that is the old one or new one.

Mr. Schneider responded that it is the new one.

Chair Rivera questioned why the College Plaza South is listed as a potential PCE site.

Mr. Schneider responded that he will correct that.

Chair Rivera asked if the arrows off the plumes show the flow of runoff.

Mr. Schneider responded that is the suspected flow of groundwater runoff.

Chair Rivera asked whether the Brown Field on Siler Road should be listed.

Mr. Schneider acknowledged that.

Chair Rivera thanked staff for the presentation.

7. REPORT ON UPCOMING WASTEWATER MANAGEMENT DIVISION AERATION PROJECT – CIP #975 CHALLENGES TO ACCOMPLISH THE PLAN MOVING FORWARD. (Alan MacGregor)

Postponed to August 7, 2019 Public Utility Committee Meeting

8. PRESENTATION REGARDING PAY-AS-YOU-THROW VARIABLE RATE RESIDENTIAL TRASH COLLECTION INFORMATION. (Shirlene Sitton)

Ms. Shirlene Sitton, Environmental Services Division Director, provided a handout for the presentation entitled "Pay-as-You-Throw", which is attached hereto as Exhibit "2".

Ms. Sitton began the presentation.

Councilor Vigil Coppler stated that it doesn't make sense why any resident would want to change if there's not anything in it for them, like money.

Ms. Sitton agreed but went on to say that maybe we're just offering equity and not that much distance between the prices.

Councilor Ives stated that years ago when the City was discussing pay as you throw, there would not be a charge if you didn't put trash out.

Ms. Sitton stated that the City is rolling past your house every trash day whether you put your trash out or not.

Councilor Ives asked if there's any talk about pay as you put your trash out.

Ms. Sitton responded not in residential, however, that is exactly how it works for commercial.

Councilor Vigil Coppler said she's hearing that it costs the same no matter what size container.

Ms. Sitton responded, relatively.

Council Vigil Coppler asked why is this called "pay as you throw".

Ms. Sitton responded that it is termed for the customer. Pay as you throw means you pay for the size of receptacle you use. There are three sizes of receptacles. A person pays less if they have the smaller receptacle.

Councilor Vigil Coppler asked what staff's recommendation is.

Ms. Sitton stated this is just informational and will come back at a future date with recommendations.

Ms. Sitton concluded the presentation.

Chair Rivera thanked Ms. Sitton for the presentation.

CONSENT – ACTION CALENDAR

9. MONTHLY UPDATE OF CAPITAL IMPROVEMENTS PROJECTS. (Shannon Jones)

Approved on Consent

10. UPDATE ON CURRENT WATER SUPPLY STATUS AND DROUGHT, MONSOON AND STORAGE. (Rick Carpenter)

Councilor Ives stated that it is the highest he's ever seen the storage levels and that is exciting.

Councilor Ives referred to the Santa Fe River flow, above McClure, it shows 12.4 cfs but the stream flow below Nichols drops below 9.25 cfs, given the reservoir levels, he asked why the difference.

Mr. Jones responded that it goes back to managing the flows that come through. Early in the runoff the City was more aggressive releasing into the river. As staff went into the timing of the fishing derby staff tried to pull those flows back to make sure there was optimal conditions for the fishing derby. At the end of the peak runoff staff made sure the City kept in storage the maximum amount possible. The difference would be what would be released into the acequias and what would be kept in storage.

Councilor Ives stated that his recollection is that the release figures for spring and summer is usually at 6 cfs.

Mr. Jones responded that he would confirm.

Councilor Ives asked Mr. Jones if he knows how far down the river is flowing.

Mr. Jones responded that it's to the reach of the city limits so as far as the Wastewater Treatment facility.

Councilor Ives referred to the second page where it states "Most current City of Santa Fe SJCP Reservoir Storage" it has the word Heron. He then stated that the figures in Abiquiu used to be much higher. Now it appears we're putting as high as we can go in Heron.

Mr. Jones responded that he would get additional information on that. He does understand that there is over 9,000 AF in Heron and 5,000 AF in Abiqui, for a total of 14,000 AF.

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

VOTE The motion passed unanimously by voice vote.

11. WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE. (Mike Dozier)

An updated memo related to this item is attached hereto as Exhibit "3".

Approved on Consent

12. Environmental Services Division Monthly Update. (Shirlene Sitton)

Approved on Consent

13. Request for approval of two (2) Budget Adjustment Resolutions for the following:

- a. **Transferring the current Assistant Procurement Officer (Position ID 1975) from FUND/BU 5205.52207 PUD/UBD/Collections Section to FUND/BU 5200.52200 PUD/Admin.**
- b. **Increase FUND/BU 5300.52300 to fund the salary difference for the Water Division Director (Position 2327) for FY 19/20**

Councilor Vigil Coppler asked what the purpose is for having an assistant procurement officer.

Mr. Jones responded that the rationale for the position is that there is a lot of procurement that happens within the Utility Department from the review of RFPs and RFBs to procurement, budgeting and processing of POs. The Department felt there was a need to assist in that process, so the position was created to streamline the process. The position was filled about a year and a half ago.

Councilor Vigil Coppler asked if the money was just being moved around.

Mr. Jones responded that they are moving money. Currently the position is budgeted in the Utility Billing Division which is funded a specific way by the enterprise funds. Public Utilities Administration is a different business fund that is also funded by enterprise funds. Having that

position sit under Utilities Administration is a better fit as he looks at the organization where staff is. His recommendation is to move the position to Utilities Administration.

Councilor Vigil Coppler asked if he reclassified that position and was it based on the duties staff was already performing or was someone handpicked.

Mr. Jones responded that no one was handpicked, the position went through the recruitment process. The moving of the position applies to the second point which has to do with the position of the Water Division Director. At the time that staff was working to reinstitute a Water Division Director, he felt it was in the best interest of Public Utilities not to request an expansion of a position, but there was currently a vacant position and he wanted to repurpose for that position. Then the discussion came on the classification of those vacancies.

Councilor Vigil Coppler stated that if the creation of an Assistant Procurement Officer helps get the job done better, she's for it.

Councilor Vigil Coppler asked about the specific BAR that has to do with the Water Division Director. If you look at the increase in salaries that amount is \$49,837, does that mean the salary for that position is being increased by that amount?

Mr. Jones responded that the budget is being increased, not the salary. The positions are budgeted at an amount.

Councilor Vigil Coppler asked if the expenditures only deal with one position.

Mr. Jones responded that the two BARs are for both positions.

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

VOTE The motion passed unanimously by voice vote.

14. REQUEST FOR APPROVAL OF A BUDGET ADJUSTMENT INCREASE TO THE CIP BUSINESS UNITS FOR APPROVED BUDGETS AND CONTRACTS FOR FY 2019/2020 FOR THE TOTAL AMOUNT OF \$3,692,550. (Shannon Jones)

Staff distributed an updated BAR which is attached hereto as Exhibit "4".

Council Vigil Coppler stated that she doesn't have any specific questions about this item but wants to know what the City is getting for all this money.

Mr. Jones responded that the City is getting the execution of the CIP projects for the Water Division. Grouped in there are on-call contracts for the Water Division which includes water main repairs, pipeline replacements and contracts for technical expertise for projects.

Councilor Vigil Coppler asked if these projects include sewer line maintenance projects.

Mr. Jones responded that this BAR is just for the Water Division.

Councilor Vigil Coppler asked Mr. Jones if he was confident that the City has a plan for sewer line maintenance.

Mr. Jones said he is confident that the City does have a plan for sewer line maintenance.

Michael Dozier, Wastewater Management Division Director, stated that every two years \$2,000,000 is budgeted for sewer line rehabilitation.

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

VOTE The motion passed unanimously by voice vote.

15. **REQUEST FOR APPROVAL OF CHANGE ORDER NO. 3 TO THE ORIGINAL CONTRACT 18-0835 WITH BRADBURY STAMM CONSTRUCTION FOR THE PASEO REAL WASTEWATER TREATMENT PLANT- ANAEROBIC DIGESTERS FOR THE AMOUNT OF \$165,593.80 INCLUSIVE OF NMGR. (Alan MacGregor)**

Councilor Vigil Coppler asked what the City is getting for this request.

Mr. MacGregor stated that there is a table that got left out of the packet that supports the requests in outline in the memo. He will email everyone the table and make sure it is included in the Finance packet. This request is for catching up on several things that have come up during construction. For example, the largest item was \$61,000 for recoating of the floors in the filter press building. The City is going to be putting in a new press because the press has been in use for ten years. Another item is for the administration building. There is a contingency in the budget so that is where the money will come from.

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

VOTE The motion passed unanimously by voice vote.

16. **REQUEST FOR APPROVAL OF AWARD OF BID '19/14/B TO PUREOPS FOR METER CALIBRATION AND TESTING SERVICES FOR THE WATER DIVISION FOR THE AMOUNT OF \$100,000 PER FISCAL YEAR BEGINNING FY 19/20 FOR A TOTAL AMOUNT OF \$400,000 EXCLUSIVE OF NMGR. (Michael Moya)**

Approved on Consent

17. **REQUEST FOR APPROVAL TO SPEND OVER \$60,000 FOR THE REMAINING TERM OF THE CONTRACT BETWEEN THE CITY OF SANTA FE AND MOBILE CLEAN CAR WASH. THIS IS A FOUR (4) YEAR CONTRACT AND WILL EXPIRE ON 6/20/2022 WITH A REMAINING FUND BALANCE OF WITH THE REMAINING FUND BALANCE OF \$533,951. (Lawrence Garcia)**

Approved on Consent

- 18. REQUEST FOR APPROVAL AMENDMENT NO. 3 TO THE PSA 17-0520 WITH JOHN SHOEMAKER & ASSOCIATES FOR HYDROLOGY, HYDROGEOLOGY, PERMIT COMPLIANCE AND MANAGEMENT REQUIREMENTS PROFESSIONAL SERVICES FOR THE TOTAL AMOUNT OF \$271,001 EXCLUSIVE OF NMGR. (Bill Schneider)**

Approved on Consent

MATTERS FROM THE PUBLIC

None

MATTERS FROM THE CITY ATTORNEY

None

MATTERS FROM STAFF

Mr. Jones wanted to inform the Committee that the wastewater plant did come back into compliance.

Councilor Vigil Coppler asked if this means the golf courses are going to open soon and whether they are using potable water.

Mr. Jones responded that the demobilization of potable water at the Country Club was done today. For the Marty Sanchez golf course, it took a while to put the system in place. As far as golf course openings, he did not want to speak for the golf courses. He did hear that once they got back to the full allotment that would lead to the potential of opening.

MATTERS FROM THE COMMITTEE

Councilor Vigil Coppler thought that the next meeting was at the BDD. The agenda says that the next meeting is in the City Council Chambers.

Chair Rivera stated that he would check with Stephanie.

NEXT MEETING:

Wednesday, August 7, 2019.

ADJOURN

There being no further business before the Committee the meeting adjourned at 5:55 p.m.

TOUR OF THE CANYON ROAD WATER TREATMENT PLANT

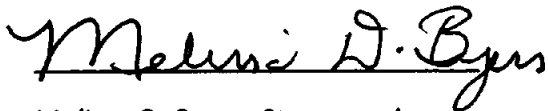
The tour of the Canyon Road Water Treatment Plant began at 6:07 p.m. and ended at 6:47 p.m.

ATTENDEES:

Councilor Chris Rivera
Councilor JoAnn Vigil Coppler
Shannon Jones
Nancy Jimenez
Jamie Rae Diaz
Johnathan Montoya



Councilor Chris Rivera, Chair



Melissa D. Byers, Stenographer



Source Water and Well Head Protection Strategy

William H Schneider, P.G.

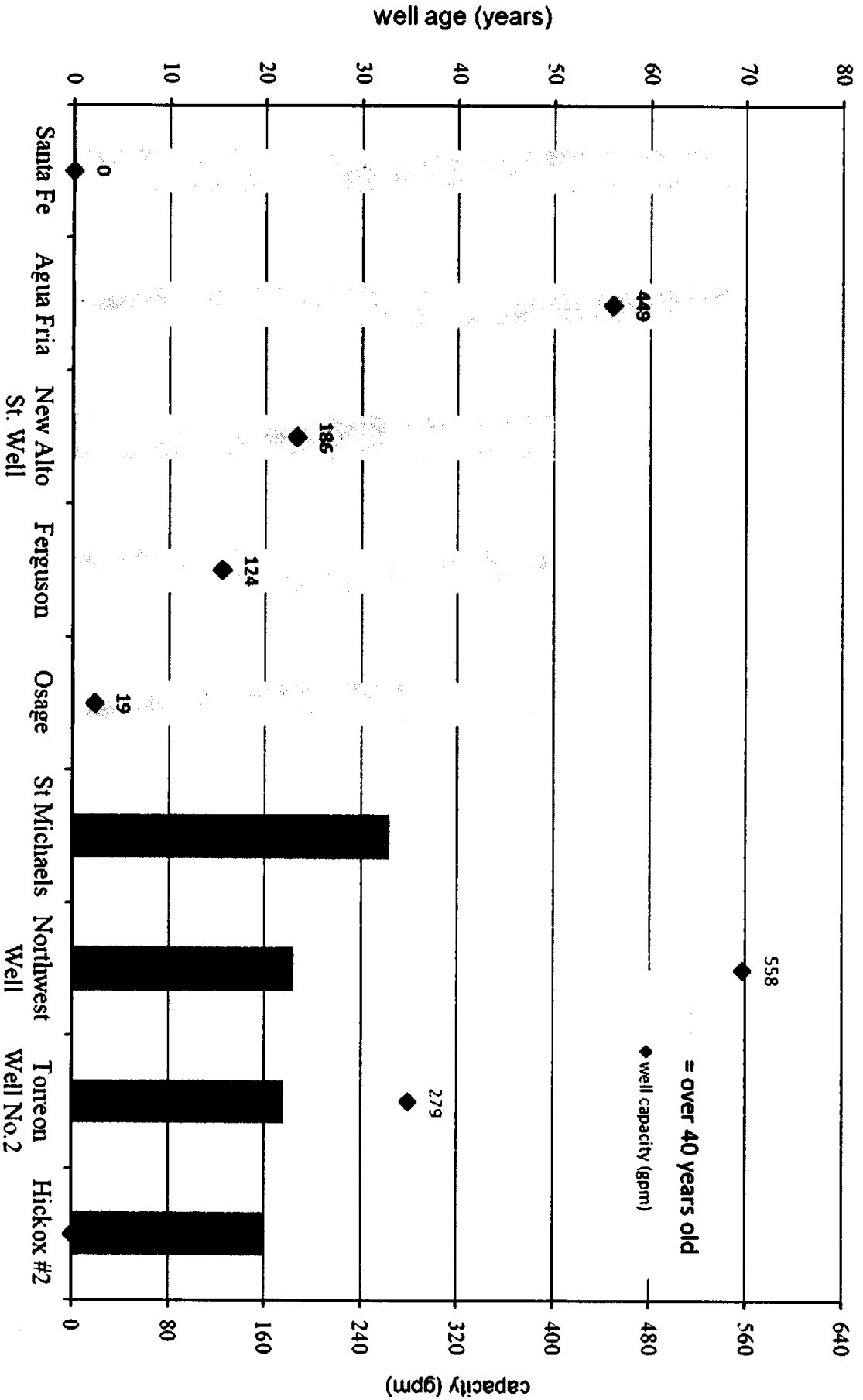
Water Resources Coordinator

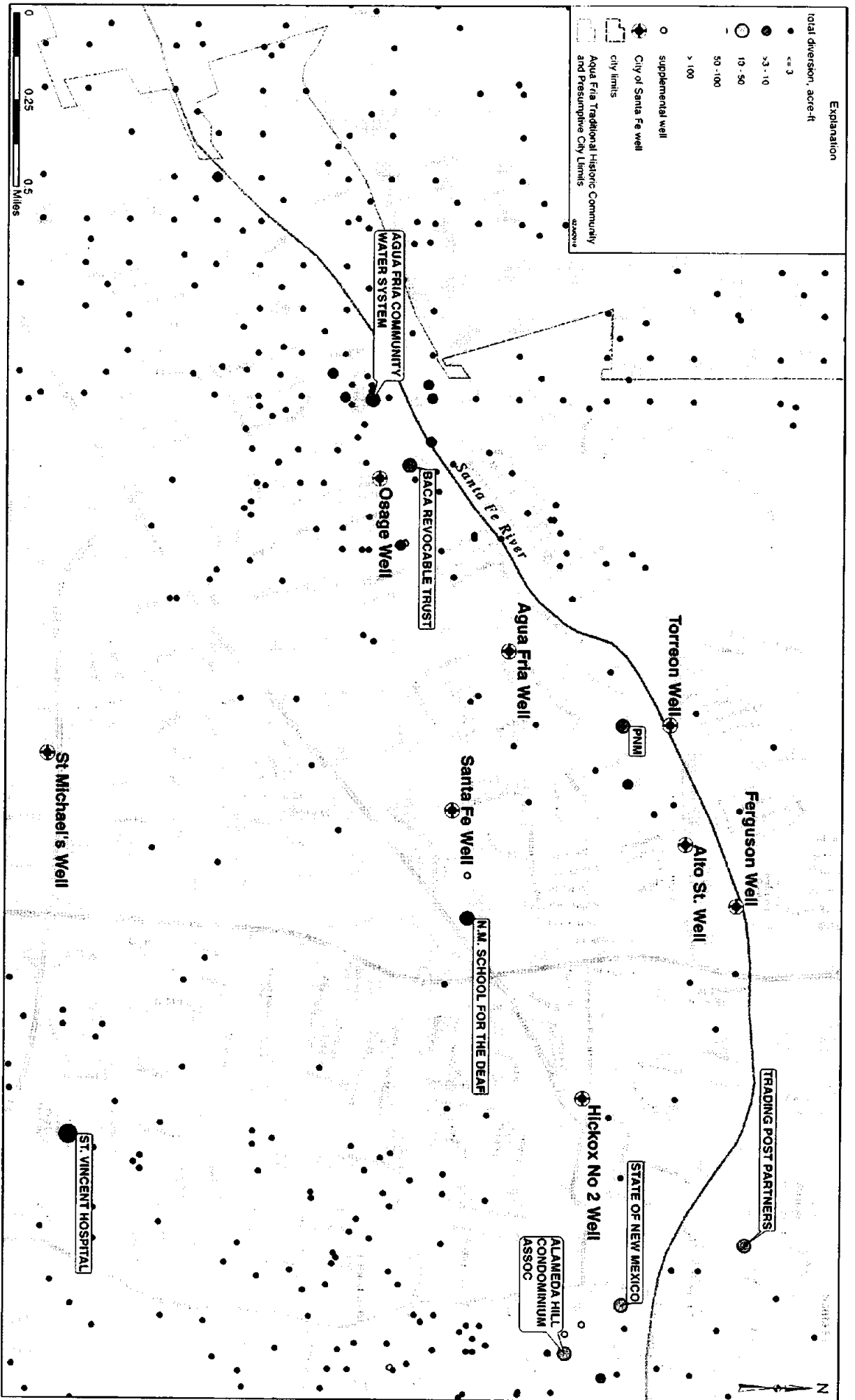
City of Santa Fe

PUC Meeting

July 3, 2019

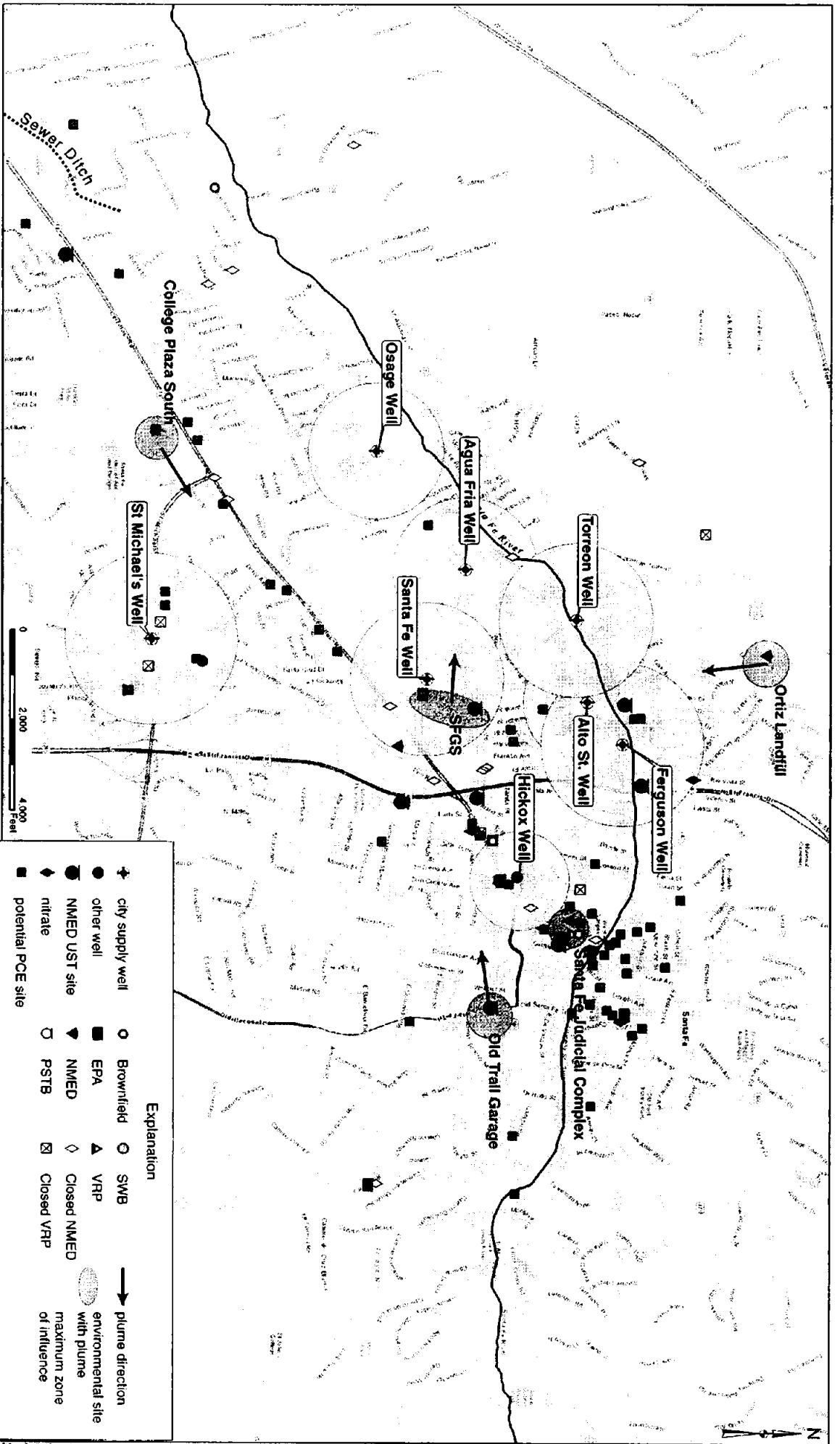
City Well Field ages and pumping capacities





Map showing well inventory and diversions for City Well Field area.

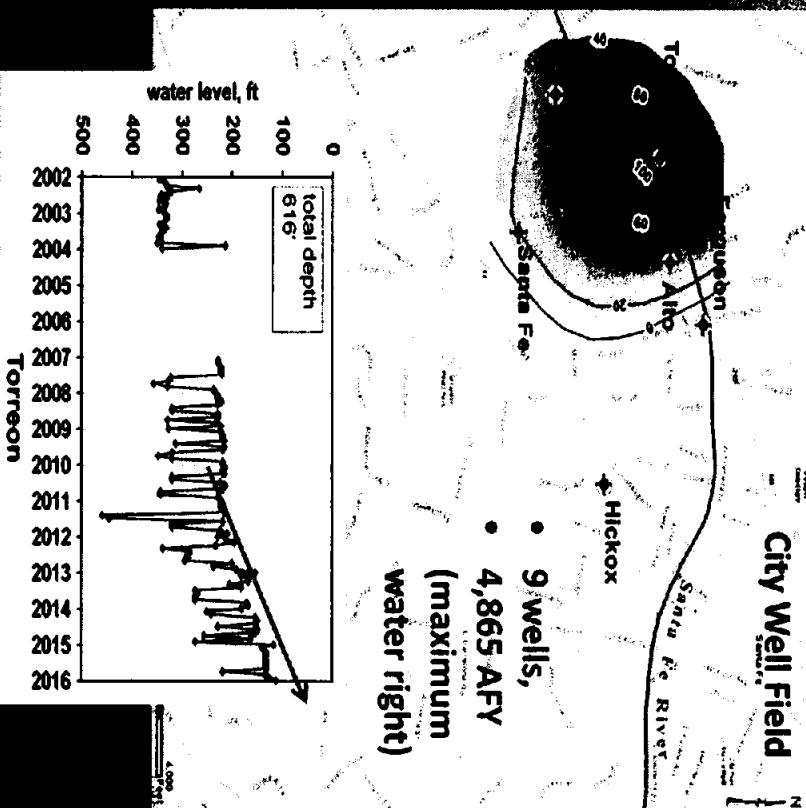
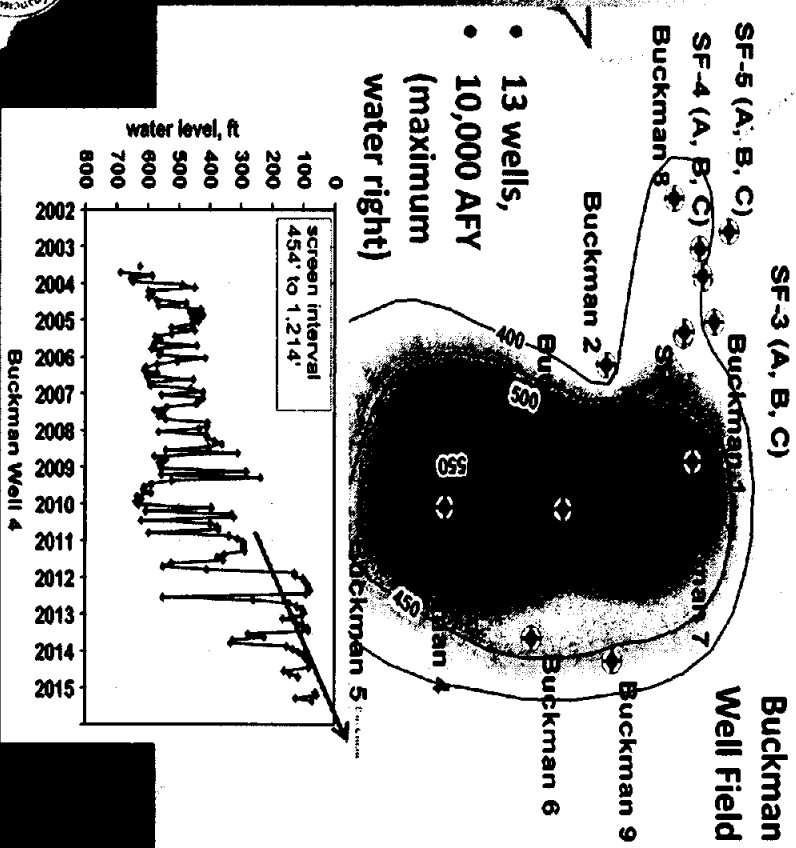




Map showing known contaminated sites within the City Well Field area.

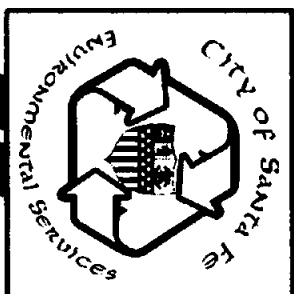


City of Santa Fe Groundwater Supply Sources



FINDINGS AND RECOMMENDATIONS: NEXT STEPS

- Implement City-wide Monitoring Program to pro-actively manage our water supply
 - Asset protection
- Integrate Source Water Well Head Protection Plan with City Well Field Optimization plan
 - CIP implementation
- Implement City Well Field Improvements to increase availability of water supply during drought.



Pay-as-You-Throw

Variable Rates for Residential Collection

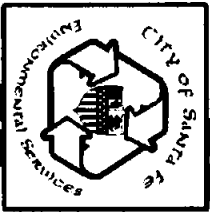
Public Utilities Committee

Shirlene Sitton, ESD Division Director



What is Pay-As-You-Throw?

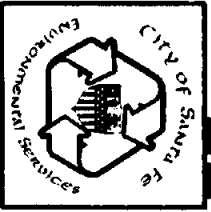
"PAYT" means charging variable rates for residential collection based on the amount of trash presented for collection; usually based on the size/volume of the cart the customer is using and/or some kind of pre-paid tagged bag system.



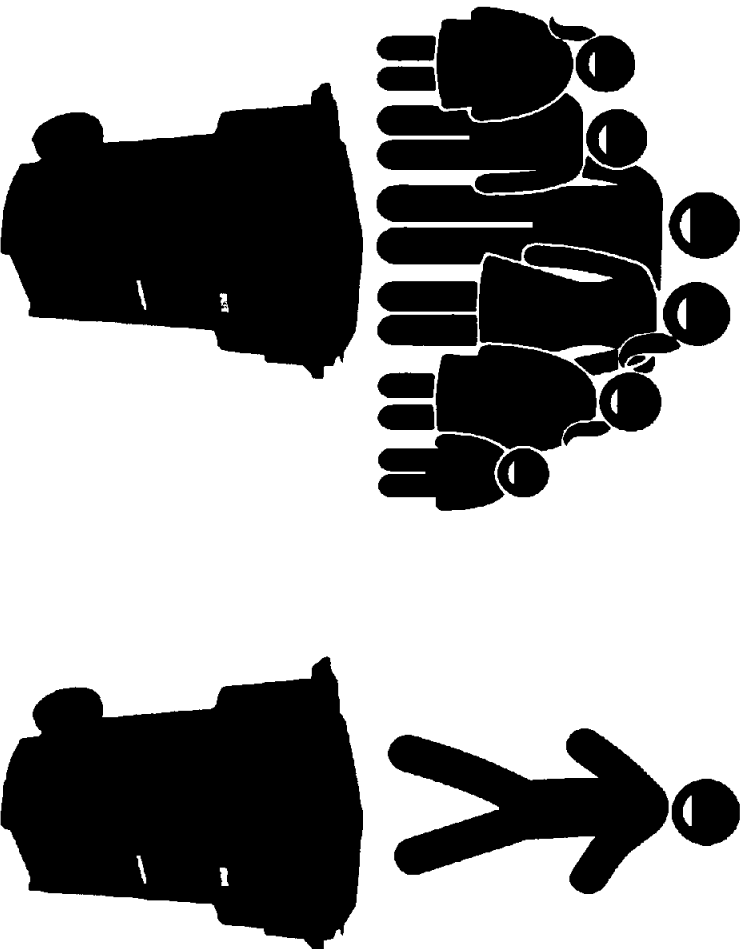
Why implement PAYT?

Different kinds of desired outcomes:

- Equity- mirrors usage-based residential water rates and/or commercial trash rate structures
- Punitive- Reduce waste to landfill through economic factors
- Social- Encourage recycling by creating visual cues on curb; lets residents "show off" efforts and establishes **social norms**
- Read ***Fostering Sustainable Behavior*** by Doug Mackenzie-Mohr free on-line: <https://www.cbsm.com/book/preface>

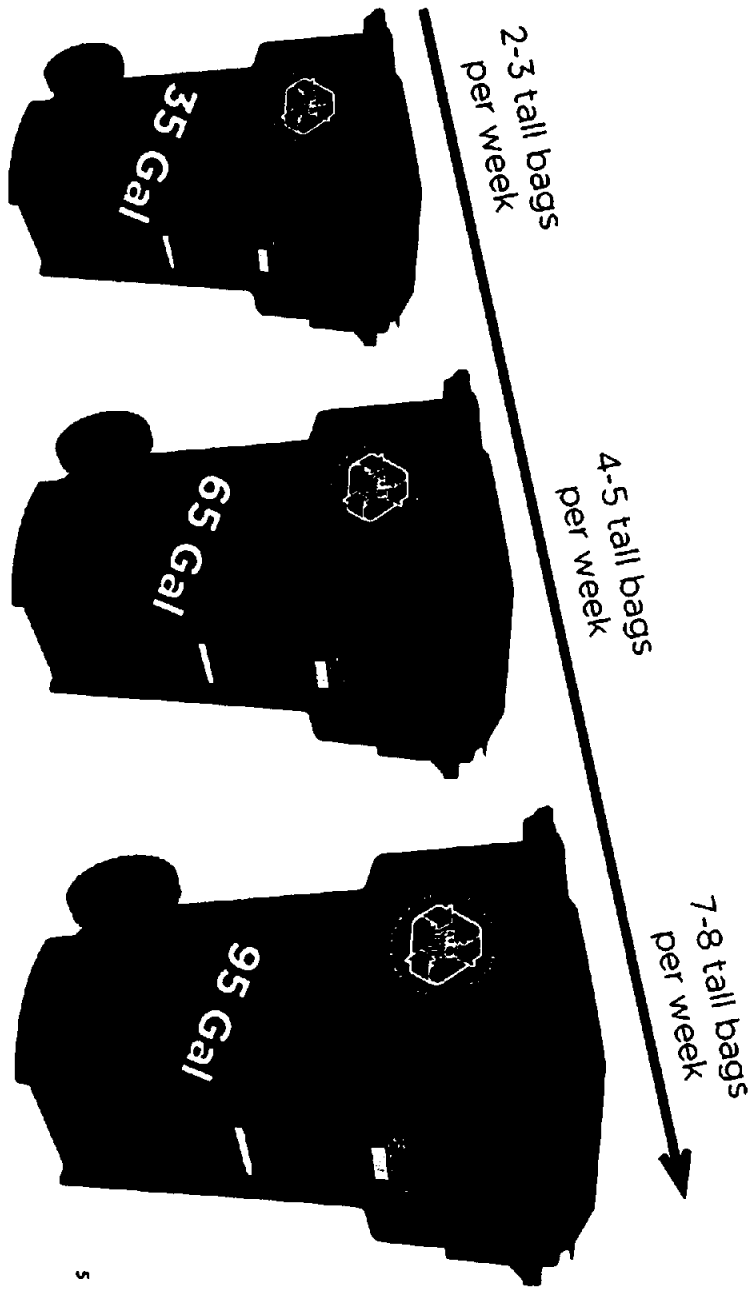


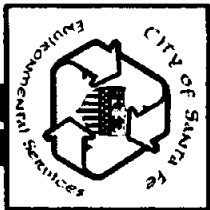
One Size Doesn't Fit All...





Three Cart Sizes





Cart Considerations

- What is our desired outcome(s) for implementation?
- What size carts to offer?
- How many households do we want to change cart sizes?
- What is the financial investment needed in more carts in new sizes?
- Will our truck's collection arm be able to grab all the sizes chosen?
- What price point will ensure full cost recovery, including new carts and outreach, and increased customer service requirements?



Administrative Considerations

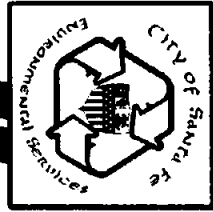
- Utility Billing system must support variable rate pricing
- System must support inventory assignments to accounts
- Office and field staff must be trained to help customers make good decisions



Recycling Considerations

- Recycling is not now, nor has it ever been free
- Recycling is still important for natural resource conservation and is still cheaper than landfilling in the short and long run
- New SFSWMA recycling contract going into place this month; timing for PAYT program important as it potentially affects:
 - Quantity of materials
 - Quality of commodities





Cart Show and Tell



City of Santa Fe, New Mexico

mem

PUC - 7/3/19
EXHIBIT 3

DATE: July 3, 2019
TO: Public Utilities Committee
FROM: Michael Dozier, Wastewater Management Division Director
SUBJECT: Wastewater Management Division (WWM) Informational Update

Beginning on Friday 06/21/2019 the wastewater treatment facility experienced compliance issues causing the shutdown of effluent reuse customers. The Environmental Protection Agency (EPA) National Pollutant Elimination Discharge System (NPDES) and New Mexico Environment Department (NMED) Discharge Permit 289 (DP289) were both out of compliance standards. On Friday 06/21/2019 lab results for Total Suspended Solids (TSS) NPDES of limit 45mg/L, E. Coli NPDES of limit 410cfu/100ml, Fecal coliform DP289 of limit 200cfu/100ml were in exceedance. As of this morning 07/03/2019 Lab samples taken yesterday of wastewater treatment facility effluent are back in compliance for the both NPDES and DP289. What this means: the facility's bacteria is in a stabilized state to increase the treatment of the raw wastewater entering, effluent reuse lines are back in service, and the contractors stand pipe is back in service.

Effluent delivery Re-Start up challenges:

At the wastewater facility flows fluctuate daily similar to a diurnal curve. Throughout the day flows will rise and lower depending on city water usage. When lower flows are evident effluent reuse customers will have limitations to pump hours. The wastewater facility must stagger pumping of effluent among users at low flows to maintain effluent in the channel. Running effluent customer's pumps with a dry channel would destroy the pumps in place. As the flow entering the facility rises all customers can pump without limitation.

Remobilization of staff and equipment to reverse MRC temporary bypass will take time and additional use of potable water. The wastewater facility mobilized crews to isolate MRC's pump station wet well from the effluent channel Saturday 06/29/2019 around 2:00 am during low flow. With this isolation in place potable water was delivered to the MRC. The challenge now is to remove the isolation and restore effluent flow. Remobilizations of staff and equipment will be scheduled as soon as practical. Until the isolation plugs can be removed a plan is in place to use mobile pumping equipment to transfer water from the channel back to the wet well. The mobile pump will not accomplish the desired 1 MGD requested by MRC so supplementing with potable flows will continue.

Remediation:

In the short term staff will continue investigating the cause of this compliance issue. Staff will use the findings to better manipulate facility treatment patterns for more consistent compliance. Staff will try and maintain current conditions to stay in compliance.

In the long term diverting attention back to reuse strategies including purchase of the 2MG tank from Las Campanas would create storage and disinfection capacity for effluent reuse.

Log # (Finance use)
Batch # (Finance use)

City of Santa Fe, New Mexico BUDGET AMENDMENT RESOLUTION (BAR)

DEPARTMENT / DIVISION NAME PUD/Water/CIP					DATE 7/1/2019	
ITEM DESCRIPTION	BUSINESS UNIT	LINE ITEM	SUBSIDIARY (,000,000)	SUBLEDGER (0000)	INCREASE	DECREASE
EXPENDITURES					<i>(enter as positive #)</i>	<i>(enter as negative #)</i>
CIP - T&D projects	52305	572970			542,188	
CIP - T&D projects	52305	572970			1,626,563	
CIP - Engineering/Planning	52354	572960			542,188	
CIP - Engineering/Planning	52354	572960			298,203	
CIP - Engineering/Planning	52354	572960			487,969	
CIP - Reservoirs/Dams	52350	572970			8,106	
CIP - Reservoirs/Dams	52350	572960			187,334	
Water Utility Transfer Out	52300	700175		5304	2,168,751	
Water Utility Transfer Out	52300	700175		5354	1,328,360	
Water Utility Transfer Out	52300	700175		5313	195,440	
REVENUES					<i>(enter as negative #)</i>	<i>(enter as positive #)</i>
Capital Transfer in	51304	600175		5300	(2,168,751)	
Capital Transfer in	51354	600175		5300	(1,328,360)	
Capital Transfer in	51313	600175		5300	(195,440)	
JUSTIFICATION: <i>(use additional page if needed)</i> <i>--Attach supporting documentation/memo</i>					\$ 3,692,550	\$ -

Budget increase from Water Enterprise fund to each of the listed CIP Funds for approved

CIP contracts and CIP budgets for FY 19/20

<i>(Complete section below if BAR results in a net change to ANY Fund)</i>	
Fund(s) Affected:	Fund Bal. Increase/ (Decrease):
5300	(3,692,551)
5354	1,328,360
5313	195,440.00
5304	2,168,751
TOTAL:	0

Maya Martinez 6/25/2019

Prepared By *(print name)* Date

Division Director *(optional)* Date

Department Director Date

*(Use this form for Finance Committee/
City Council agenda items ONLY)*

CITY COUNCIL APPROVAL

City Council Approval Date:

Agenda Item #:

Budget Officer Date

Finance Director *(≤ \$5,000)* Date

City Manager *(≤ \$50,000)* Date