

### Agenda

### THIRD AMENDMENT PUBLIC UTILITIES COMMITTEE MEETING WEDNESDAY, MARCH 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 FEBRUARY 6, 2018 PUC MEETING

### **PRESENTATIONS**

6. Recognition of Carlos Candelaria for being selected by the New Mexico Water and Wastewater Association for Outstanding Collections System Operator of the Year for 2018. (Jerry Tapia, Wastewater Management Collections Manager, iftapia@santafenm.gov, 955-4622)

### **INFORMATIONAL ITEMS**

- 7. Santa Fe River Watershed Yield and Forecasted Santa Fe River Flows. (Alan Hook, Water Resources Coordinator, aghook@santafenm.gov, 955-4205)
- 8. Water Rights, Water Availability and 2018 Demand. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)
- 9. Provide information regarding the Recycling Drop-Off Site Neighborhood Survey at Fort Marcy Park. (Shirlene Sitton, Environmental Services Division Director, sesitton@santafemm.gov, 955-2209)

### **RECEIVED AT THE CITY CLERK'S OFFICE**

DATE:

March 4, 2019

TIME:

10:50 AM

### **CONSENT - ACTION CALENDAR**

- 10. Monthly Update of Capital Improvements Projects. (Shannon Jones, Public Utilities Department Director, <a href="mailto:swjones@santafenm.gov">swjones@santafenm.gov</a>, 955-4267)
- 11. Update on Current Water Supply Status and Drought, Monsoon and Storage. (Rick Carpenter, Interim Water Division Director, <a href="mailto:rearpenter@santafenm.gov">rearpenter@santafenm.gov</a>, 955-4206 and Alex Puglisi, Environmental Compliance Specialist, <a href="mailto:aepuglisi@santafenm.gov">aepuglisi@santafenm.gov</a>, 955-4232)
- 12. Wastewater Management Division Monthly Update. (Mike Dozier, Wastewater Management Division Director, <a href="mailto:mldozier@santafenm.gov">mldozier@santafenm.gov</a>, 955-4642)
- 13. Request for approval of Amendment No. 4 to the original PSA 15-0857 with M&E Engineering bid and construction documents for the BS3 to BS4 & Well # 13 Fiber Optic Line project for the amount of \$12,200 exclusive of NMGRT. (Alex Gamino, Auto and Security Systems Administrator, acgamino@santafenm.gov, 955-4375).

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

- 14. Request for approval of Award of Bid '19/16/P for On-Call Engineering Services for the Water System Capital Improvements Program (CIP) and a Budget Amendment Resolution as follows: (Bill Schneider, Water Resources Coordinator, <a href="https://whschneider@santafenm.gov">whschneider@santafenm.gov</a>, 955-4203).
  - a. Carollo Engineers for the for the amount of \$325,000 exclusive of NMGRT.
  - b. Hazen Sawyer for the amount of \$450,000 exclusive of NMGRT.
  - c. Budget Amendment Resolution for the total amount of \$835,000.

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

15. Request for approval of Award of Bid '19/19/P to Intera, Inc. for to provide Groundwater Monitoring, Soil Vapor Monitoring, and other environmental and engineering services for landfill sites for the amount of \$757,872 exclusive of NMGRT for a period of four (4) years. (Shirlene Sitton, Environmental Services

Division Director, <u>sesitton@santafenm.gov</u>, 955-2209 and Alex Puglisi, Environmental Compliance Specialist, aepuglisi@santafenm.gov, 955-4232)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

16. Request for approval of Amendment No. 1 to the original PSA 15-0860 with the USDA Forest Service for the Cost Share Agreement for Watershed Management to extend the term to 12/31/2019. (Alan Hook, Water Resources Coordinator, <a href="mailto:aghook@santafenm.gov">aghook@santafenm.gov</a>, 955-4205)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

17. Request for approval of Change Order No. 1 to the original contract 18-0835 with Bradbury and Stamm Construction, Inc. for the WWMD Anaerobic Digester Project – CIP # 950 for the decreased amount of (\$28,040.78) inclusive of NMGRT. (Alan MacGregor, Engineering Supervisor, asmacgregor@santafenm.gov, 955-4623)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

MATTERS FROM THE PUBLIC

MATTERS FROM THE CITY ATTORNEY

MATTERS FROM STAFF

MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, April 3, 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.



### Agenda

### SECOND AMENDMENT PUBLIC UTILITIES COMMITTEE MEETING WEDNESDAY, MARCH 6, 2019

City Hall
City Council Chambers
Regular Meeting – 5:00pm

- CALL TO ORDER
- 2. ROLL CALL
- 3. APPROVAL OF AGENDA
- 4. APPROVAL OF CONSENT AGENDA
- 5. APPROVAL OF MINUTES FROM THE FEBRUARY 6, 2018 PUC MEETING

### **PRESENTATIONS**

6. Recognition of Carlos Candelaria for being selected by the New Mexico Water and Wastewater Association for Outstanding Collections System Operator of the Year for 2018. (Jerry Tapia, Wastewater Management Collections Manager, <a href="mailto:iftapia@santafenm.gov">iftapia@santafenm.gov</a>, 955-4622)

### **INFORMATIONAL ITEMS**

- 7. Santa Fe River Watershed Yield and Forecasted Santa Fe River Flows. (Alan Hook, Water Resources Coordinator, <a href="mailto:aghook@santafenm.gov">aghook@santafenm.gov</a>, 955-4205)
- 8. Water Rights, Water Availability and 2018 Demand. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)
- 9. Provide information regarding the Recycling Drop-Off Site Neighborhood Survey at Fort Marcy Park. (Shirlene Sitton, Environmental Services Division Director, sesitton@santafemm.gov, 955-2209)

### **RECEIVED AT THE CITY CLERK'S OFFICE**

DATE:

February 28, 2019

TIME:

8:59 AM

### **CONSENT - ACTION CALENDAR**

- 10. Monthly Update of Capital Improvements Projects. (Shannon Jones, Public Utilities Department Director, <a href="mailto:swjones@santafenm.gov">swjones@santafenm.gov</a>, 955-4267)
- 11. Update on Current Water Supply Status and Drought, Monsoon and Storage. (Rick Carpenter, Interim Water Division Director, <u>rrearpenter@santafenm.gov</u>, 955-4206 and Alex Puglisi, Environmental Compliance Specialist, <u>aepuglisi@santafenm.gov</u>, 955-4232)
- 12. Wastewater Management Division Monthly Update. (Mike Dozier, Wastewater Management Division Director, <u>mldozier@santafenm.gov</u>, 955-4642)
- 13. Request for approval of Amendment No. 4 to the original PSA 15-0857 with M&E Engineering bid and construction documents for the BS3 to BS4 & Well # 13 Fiber Optic Line project for the amount of \$12,200 exclusive of NMGRT. (Alex Gamino, Auto and Security Systems Administrator, <a href="mailto:aegamino@santafenm.gov">aegamino@santafenm.gov</a>, 955-4375).

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

- 14. Request for approval of Award of Bid '19/16/P for On-Call Engineering Services for the Water System Capital Improvements Program (CIP) and a Budget Amendment Resolution as follows: (Bill Schneider, Water Resources Coordinator, <a href="https://www.whschneider@esantafemm.gov">whschneider@esantafemm.gov</a>, 955-4203).
  - a. Carollo Engineers for the for the amount of \$325,000 exclusive of NMGRT.
  - b. Hazen Sawyer for the amount of \$450,000 exclusive of NMGRT.
  - c. Budget Amendment Resolution for the total amount of \$835,000.

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

15. Request for approval of Award of Bid '19/19/P to Intera, Inc. for to provide Groundwater Monitoring, Soil Vapor Monitoring, and other environmental and

engineering services for landfill sites for the amount of \$757,872 exclusive of NMGRT for a period of four (4) years. (Shirlene Sitton, Environmental Services Division Director, sesitton@santafenm.gov, 955-2209 and Alex Puglisi, Environmental Compliance Specialist, aepuglisi@santafenm.gov, 955-4232)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

16. Request for approval of Amendment No. 1 to the original PSA 15-0860 with the USDA Forest Service for the Cost Share Agreement for Watershed Management to extend the term to 12/31/2019. (Alan Hook, Water Resources Coordinator, <a href="mailto:aghook@santafenm.gov">aghook@santafenm.gov</a>, 955-4205)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

17. Request for approval of Change Order No. 1 to the original contract 18-0835 with Bradbury and Stamm Construction, Inc. for the WWMD Anaerobic Digester Project – CIP # 950 for the \$28,040.78 inclusive of NMGRT. (Alan MacGregor, Engineering Supervisor, asmacgregor@santafenm.gov, 955-4623)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

MATTERS FROM THE PUBLIC

MATTERS FROM THE CITY ATTORNEY

MATTERS FROM STAFF

MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, April 3, 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.



### Agenda

### AMENDED PUBLIC UTILITIES COMMITTEE MEETING WEDNESDAY, MARCH 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 FEBRUARY 6, 2018 PUC MEETING

### **PRESENTATIONS**

6. Recognition of Carlos Candelaria for being selected by the New Mexico Water and Wastewater Association for Outstanding Collections System Operator of the Year for 2018. (Jerry Tapia, Wastewater Management Collections Manager, <a href="mailto:iftapia@santafenm.gov">iftapia@santafenm.gov</a>, 955-4622)

### INFORMATIONAL ITEMS

- 7. Santa Fe River Watershed Yield and Forecasted Santa Fe River Flows. (Alan Hook, Water Resources Coordinator, <u>aghook@santafenm.gov</u>, 955-4205)
- 8. Water Rights, Water Availability and 2018 Demand. (Bill Schneider, Water Resources Coordinator, whschneider@santafenm.gov, 955-4203)
- 9. Fort Marcy Recycling Drop-Off Site Survey. (Shirlene Sitton, Environmental Services Division Director, sesitton@santafemm.gov, 955-2209)

### RECEIVED AT THE CITY CLERK'S OFFICE

DATE:

February 27, 2019

TIME:

4:31 pm

### **CONSENT – ACTION CALENDAR**

- 10. Monthly Update of Capital Improvements Projects. (Shannon Jones, Public Utilities Department Director, <a href="mailto:swjones@santafenm.gov">swjones@santafenm.gov</a>, 955-4267)
- 11. Update on Current Water Supply Status and Drought, Monsoon and Storage. (Rick Carpenter, Interim Water Division Director, <u>rrearpenter@santafenm.gov</u>, 955-4206 and Alex Puglisi, Environmental Compliance Specialist, <u>aepuglisi@santafenm.gov</u>, 955-4232)
- 12. Wastewater Management Division Monthly Update. (Shannon Jones, Public Utilities Department Director, <a href="mailto:swjones@santafenm.gov">swjones@santafenm.gov</a>, 955-4267)
- 13. Request for approval of Amendment No. 4 to the original PSA 15-0857 with M&E Engineering bid and construction documents for the BS3 to BS4 & Well # 13 Fiber Optic Line project for the amount of \$12,200 exclusive of NMGRT. (Alex Gamino, Auto and Security Systems Administrator, <a href="mailto:aegamino@santafenm.gov">aegamino@santafenm.gov</a>, 955-4375).

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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NMGRT for a period of four (4) years. (Shirlene Sitton, Environmental Services Division Director, sesitton@santafenm.gov, 955-2209 and Alex Puglisi, Environmental Compliance Specialist, aepuglisi@santafenm.gov, 955-4232)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

MATTERS FROM THE PUBLIC

MATTERS FROM THE CITY ATTORNEY

MATTERS FROM STAFF

MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, April 3, 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.



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City Hall
City Council Chambers
Regular Meeting – 5:00pm

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### RECEIVED AT THE CITY CLERK'S OFFICE

DATE:

February 27, 2019

TIME:

11:53 AM

### **CONSENT – ACTION CALENDAR**

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

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Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

18. Request for approval of a Professional Services Agreement with Hutton Broadcasting for advertising services for the Environmental Services Division for the amount of \$111,000 exclusive of NMGRT. (Michaela Beggins, Environmental Services Program Manager, <a href="mailto:mkbeggins@santafenm.gov">mkbeggins@santafenm.gov</a>, 955-2227)

Public Utilities Committee – 3/6/2019 Finance Committee – 3/18/2019 City Council – 3/27/2019

MATTERS FROM THE PUBLIC
MATTERS FROM THE CITY ATTORNEY
MATTERS FROM STAFF
MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, April 3, 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, MARCH 6, 2019, 5:00 PM

| <u>ITEM</u>   | ACTION                 | PAGE |
|---|------------------------|------|
| CALL TO ORDER   |                        | 1    |
| ROLL CALL   | QUORUM                 | 1    |
| APPROVAL OF AGENDA  | APPROVED               | 1    |
| APPROVAL OF CONSENT AGENDA  | AMENDED/APPROVED       | 1-2  |
| APPROVAL OF MINUTES   | APPROVED               | 2    |
| PRESENTATIONS  RECOGNITION OF CARLOS CANDELARIA FOR BEING SELECTED BY THE NEW MEXICO WATER AND WASTEWATER ASSOCIATION FOR OUTSTANDING COLLECTIONS SYSTEM OPERATOR OF THE YEAR FOR 2019. | INFORMATION/DISCUSSION | 2    |
| INFORMATIONAL ITEMS   |                        |      |
| SANTA E RIVER WATERSHED YIELD<br>AND FORECASTED SANTA FE RIVER<br>FLOWS   | INFORMATION/DISCUSSION | 2-3  |
| WATER RIGHTS, WATER AVAILABILITY<br>AND 2018 DEMAND   | INFORMATION/DISCUSSION | 3-5  |
| PROVIDE INFORMATION REGARDING THE RECYCLING DROP-OFF SITE NEIGHBORHOOD SURVEY AT FORT MARCY PARK  | INFORMATION/DISCUSSION | 5-7  |

### **CONSENT - ACTION CALENDAR**

| MONTHLY UPDATE OF CAPITAL IMPROVEMENTS PROJECTS  | APPROVED            | 7    |
|--|---------------------|------|
| UPDATE ON CURRENT WATER<br>SUPPLY STATUS AND DROUGHT,<br>MONSOON AND STORAGE   | APPROVED ON CONSENT | 7    |
| WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE  | APPROVED ON CONSENT | 7    |
| REQUEST FOR APPROVAL OF AMENDMENT NO. 4 TO THE ORIGINAL PSA 15-0857 WITH M&E ENGINEERING IN BID AND CONSTRUCTION DOCUMENTS FOR THE BS3 TO BS4 & WELL #13 FIBER OPTIC LINE PROJECT FOR THE AMOUNT OF \$12,200 EXCLUSIVE OF NMGRT. | APPROVED ON CONSENT | 7    |
| REQUEST FOR APPROVAL OF AWARD OF BID '19/16/P FOR ON-CALL ENGINEERING SERVICES FOR THE WATER SYSTEM CAPITAL IMPROVEMENTS PROGRAM (CIP) AND A BUDGET AMENDMENT RESOLUTION AS FOLLOWS:   | APPROVED            | 7-10 |
| COROLLO ENGINEERS FOR THE AMOUNT<br>OF \$325,000 EXCLUSIVE OF NMGRT  |                     |      |
| HAZEN SAWYER FOR THE AMOUNT OF<br>\$450,000 EXCLUSIVE OF NMGRT   |                     |      |
| BUDGET AMENDMENT RESOLUTION FOR THE TOTAL AMOUNT OF \$835,000.   |                     |      |
|  |                     |      |

REQUEST FOR APPROVAL OF AWARD OF APPROVED
BID '19/19/P TO INTERA, INC. TO PROVIDE
GROUNDWATER MONITORING, SOIL
VAPOR MONITORING, AND OTHER
ENVIRONMENTAL AND ENGINEERING
SERVICES FOR LANDFILL SITES FOR THE
AMOUNT OF \$757,872 EXCLUSIVE OF NMGRT

10-11

### FOR A PERIOD OF FOUR (4) YEARS.

| REQUEST FOR APPROVAL OF<br>AMENDMENT NO. 1 TO THE ORIGINAL<br>PSA 15-0860 WITH THE USDA FOREST<br>SERVICE FOR THE COST SHARE<br>AGREEMENT FOR WATERSHED<br>MANAGEMENT TO EXTEND THE<br>TERM TO 12/31/2019.                           | APPROVED ON CONSENT | 11 |
|--|---------------------|----|
| REQUEST FOR APPROVAL OF CHANGE<br>ORDER NO. 1 TO THE ORIGINAL<br>CONTRACT 18-0835 WITH BRADBURY<br>AND STAMM CONSTRUCTION, INC. FOR<br>THE WWMD ANAEROBIC DIGESTER<br>PROJECT - CIP # 950 FOR TE \$28, 040.78<br>INCLUSIVE OF NMGRT. | APPROVED ON CONSENT | 11 |
| MATTERS FROM THE PUBLIC  | NONE                | 11 |
| MATTERS FROM THE CITY ATTORNEY   | NONE                | 11 |
| MATTERS FROM STAFF   | NONE                | 11 |
| MATTERS FROM THE COMMITTEE   | NONE                | 11 |
| NEXT MEETING   | APRIL 3, 2019       | 11 |
| ADJOURN  | ADJOURNED           | 11 |

### PUBLIC UTILITIES COMMITTEE MEETING CITY HALL, CITY COUNCIL CHAMBERS WEDNESDAY, MARCH 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, March 6, 2019, Santa Fe, New Mexico.

### 2. ROLL CALL

### Members Present:

Councilor Christopher Rivera, Chair Councilor Renee Villarreal Councilor Carol Romero-Wirth

### **Members Absent:**

Councilor Peter Ives, Excused Councilor JoAnne Vigil Coppler Excused

### **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

Ms. Lopez stated that the agenda they are using at this meeting is the Third Amended agenda. A hard copy has been distributed to the members.

MOTION

A motion was made by Councilor Villarreal, seconded by Councilor Romero-Wirth, to approve the agenda as amended.

**VOTE** The motion passed unanimously by voice vote.

### 4. APPROVAL OF CONSENT AGENDA

Councilor Romero-Wirth pulled items 10 and 14 for discussion.

Chair Rivera pulled items 14 and 15 for discussion.

MOTION A motion was made by Councilor Romero-Wirth, seconded by Councilor

Villarreal, to approve the consent agenda as amended.

**VOTE** The motion passed unanimously by voice vote.

5. APPROVAL OF MINUTES FEBRUARY 6, 2019

MOTION A motion was made by Councilor Romero-Wirth, seconded by Councilor

Villarreal, to approve the minutes as presented.

**VOTE** The motion passed unanimously by voice vote.

### **PRESENTATIONS**

6. RECOGNITION OF CARLOS CANDELARIA FOR BEING SELECTED BY THE NEW MEXICO WATER AND WASTEWATER ASSOCIATION FOR OUTSTANDING COLLECTIONS SYSTEM OPERATOR OF THE YEAR FOR 2019. Jerry Tapia, Wastewater Management Collections Manager

Chair Rivera read a statement of the background and great work of Mr. Candelaria. He presented Mr. Candelaria with a Muchos Gracias award from the Mayor.

Chair Rivera and the members of the Committee congratulated Mr. Candelaria.

Chair Rivera said the City is fortunate to have him.

### **INFORMATIONAL ITEMS**

7. SANTA E RIVER WATERSHED YIELD AND FORECASTED SANTA FE RIVER FLOWS. Alan Hook

Mr. Hook stated that this report was requested by the Chair.

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

Mr. Hook reviewed the report and stated that the kids fishing derby will occur this year.

Chair Rivera thanked Mr. Hook for the information.

Chair Rivera asked the reservoirs are never at 100% are they.

Mr. Hook said if we do it just right they can be up to 90%. We stay short of the maximum in case of a big rain and great snow pack. That is the operational guideline.

### 8. WATER RIGHTS, WATER AVAILABILITY AND 2018 DEMAND Bill Schneider

Mr. Schneider handed out a presentation.

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

Mr. Schneider gave the presentation.

Councilor Romero-Wirth said thank you for all of that. When you say City well field optimization what does that mean.

Mr. Schneider said we did a rigorous City well field study. It looked at a series of analysis of how the City can best meet City water demands within the confines of the City well field. It determined that through well rehab and replacement, transmission upgrades and modifications of how we store water we can optimize.

Councilor Romero-Wirth said back to acquiring water rights for the Buckman well field, the amount of water we can pump is 1,500 acre feet. We have acquired water rights to be able to pump that amount. The water right acquisition program is trying to acquire more water rights to give us the ability to pump more up to what we are permitted to do within that right. Is that correct.

Mr. Martinez said what Bill stated is correct. The amount of offsets the City has limits the amount of pumping we can do. The Buckman well agreement says 10,000 acre feet, but in reality it is 1,200 acre feet.

Councilor Villarreal said thank you Bill for the comprehensive report. On the strategy you mentioned 100% consumption of San Juan Chama water. What is the reasoning behind that strategy and how will that be achieved.

Mr. Schneider explained in 2017 we completed a study for reclaimed water. It looked to effectively maximize to the fullest extent the City's imported water. The San Juan Chama water. The City is able to get credits for unused water and the contract states that the City also has the ability to fully consume that water. If we use San Juan Chama water we can relax our City wells and Buckman for times of emergency. We are exploring a multitude of options. There has to be more than one answer on how that goal is achieved, but it is critical for our water sustainability.

Councilor Villarreal asked then what happens to other communities if we tap into that 100%.

Mr. Schneider said as a part of our strategy under reuse the Water Division and the City in its entirety has agreed to continue to release non San Juan Chama water to the Living River. We would not dry up the Santa Fe River below the plant. It is a focused effort to not deplete our native water.

Councilor Villarreal said she is thinking more upstream rather than down stream. It seems there would be implications, but she doesn't know what that looks like. If we consume more based on our agreement how does that effect everyone else.

Mr. Schneider said in 2018 we had the 3rd worse drought in 75 years. The City honored our agreements for the Living River and we did to the point where we ran out of water at Nichols and McClure. Regarding the upper basin we continued with the Living River and maximized Canyon Road so we complied with our permit.

Mr. Martinez said he did not think we were getting to Councilor Villarreall's entire question. Are you thinking of the communities in New Mexico or elsewhere.

Councilor Villarreal said New Mexico.

Mr. Martinez said one of the big picture goals of having the San Juan project, conceived in the 60s, was to not adversely effect communities. From the Compact New Mexico takes a portion of the Colorado River and that augments the water available to New Mexico. One of the purposes was to not simply take native water, but also to look for other sources of water to augment these supplies. Making the pie larger rather than having to split up the pie that is being reduced. That is a benefit that the City of Santa Fe gets for being a San Juan Chama contractor.

Councilor Villarreal said thank you for that explanation.

Councilor Villarreal said on the trends of consumption she is curious if you know why it drops drastically in 2001 and 2002.

Mr. Schneider said he is not the expert of this sort of thing, but he can get Christine to send you additional information. Right around that time the City imposed rate increases and an expansion of the reuse system and pretty strick conservation measures were put in place. We will get you more.

Councilor Villarreal said thank you. That was helpful.

Chair Rivera asked have we exhausted all the retrofit water rights out there.

Mr. Martinez said there are still some. The City has made some very good steps in the right direction by having the buy back programs. The City can advertise again that we are ready to close the book on toilet retrofits for good.

Chair Rivera asked do you know how much is left.

Mr. Martinez said he would guess a couple of a hundred acre feet.

Councilor Romero-Wirth said the Water Conservation Division has kicked off a series of public meetings to kick off a Five Year Conservation Plan. She wanted to point out also that the San Juan Chama water is essentially Colorado River water. We share that with seven states. It has been in the news quite a bit because the Colorado River is not increasing with climate change. It is likely to reduce by 20% or more in the future. It is a volatile water source. It will not be there indefinitely. It adds to the complexity of our water supply and where we get it from. She wanted to add that information for context.

Char Rivera said thank you Bill. We appreciate it.

Mr. Jones said for clarification when we say fully consuming San Juan Chama water that does not mean we fully consume all the water rights we have. It means we fully consume what we have access to.

Councilor Villarreal said thank you for that clarification.

### 9. PROVIDE INFORMATION REGARDING THE RECYCLING DROP-OFF SITE NEIGHBORHOOD SURVEY AT FORT MARCY PARK, Shirlene Sitton

Ms. Sitton handed out the results of the survey.

The documents are herewith attached to these minutes as Exhibit "3".

Ms. Sitton said to recap where we are, in October/November the Environmental Services staff did an on site survey at the Ft. Marcy site. We received 160 responses. She worked with the Zozobra folks and got a usable email list of users in the area. We added a few more. We sent out 185 emails for the email survey. We sent the survey out in January and it closed in February. We received a total of 40 responses to the email survey. She worked with the District 1 Councilors to make sure the questions were the ones they wanted answered. Of the 40 it appears most do live in our target area. 24 were within a half a mile or less. Unfortunately for some reason some people chose other as to where they lived. Overall she tried to give you the real meat and potatoes of the results in the handout. The answers you were most interested in were from the people who indicated they lived the closest. Of the 24, 11 said they never or rarely ever hear noise. 7 said the noise regularly effects their quality of life. 10 wanted the site to stay open. 9 wanted to close it entirely. 3 had no preference. She has done the best she can with low cost and limited resources. If the Committee wants a more rigorous survey she will have to hire that out. You have 2 surveys with all 40 responses where we included all the comments. It is all there. The second one is with the half mile filter and is 24 respondents.

Chair Rivera said thank you.

Councilor Villarreal said thank you Shirlene for working with us on this. She will look at it in more detail. After this will the results be given to the respondents of the survey.

Ms. Sitton said no. That is not part of the program.

Councilor Villarreal said she wonders if we should do that.

Ms. Sitton said she can post it on her website.

Councilor Villarreal asked could you also sent the results via email.

Ms. Sitton said we could use the same email list to direct people to the website.

Councilor Villarreal said that would be helpful. Thank you.

Councilor Romero-Wirth asked what was the response rate.

Ms. Sitton said 40 out of 185.

Councilor Romero-Wirth asked the list was from Zozobra.

Ms. Sitton said the majority was and the Councilors added more.

Councilor Romero-Wirth asked do you have any sense of how many people live in the area so we would know of that how many people we contacted.

Ms. Sitton said she did not have the exact number. For a more statistically significant survey she will have to hire that out to a survey service.

Councilor Romero-Wirth said this does not seem statistically significant.

Ms. Sitton said no, it is not.

Councilor Romero-Wirth said she just wants to be clear about what we are looking at.

Councilor Romero-Wirth said she does not mean to belittle all the work that was done. Thank you for undertaking what you could do.

Councilor Villarreal said this is another iteration of what we first tried at the site. Those people did not necessarily live there. The email people do live there. This is just another level. She was contacted by a survey company who does surveys for

communities to see if we wanted to use their services, but that costs money.

Chair Rivera said thank you Shirlene for the information.

### **CONSENT - ACTION CALENDAR**

### 10. MONTHLY UPDATE OF CAPITAL IMPROVEMENTS PROJECTS Shannon Jones

Councilor Romero-Wirth said so the Water Use Implementation Plan shows \$29,000. Do you know what we are using that for.

Mr. Schneider said that scope of service firm was Rollo and they provided a final report which was the plan. We provided that to you. That \$29,000 is something he will authorize and use for the contract unless he brings forth the amendment in April.

Councilor Romero-Wirth said thank you.

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

**VOTE** The motion passed unanimously by voice vote.

11. UPDATE ON CURRENT WATER SUPPLY STATUS AND DROUGHT, MONSOON AND STORAGE

Approved on consent.

12. WASTEWATER MANAGEMENT DIVISION MONTHLY UPDATE

Approved on consent.

13. REQUEST FOR APPROVAL OF AMENDMENT NO. 4 TO THE ORIGINAL PSA 15-0857 WITH M&E ENGINEERING IN BID AND CONSTRUCTION DOCUMENTS FOR THE BS3 TO BS4 & WELL #13 FIBER OPTIC LINE PROJECT FOR THE AMOUNT OF \$12,200 EXCLUSIVE OF NMGRT.

Approved on consent.

14. REQUEST FOR APPROVAL OF AWARD OF BID '19/16/P FOR ON-CALL ENGINEERING SERVICES FOR THE WATER SYSTEM CAPITAL IMPROVEMENTS PROGRAM (CIP) AND A BUDGET AMENDMENT

### **RESOLUTION AS FOLLOWS:**

- A. COROLLO ENGINEERS FOR THE AMOUNT OF \$325,000 EXCLUSIVE OF NMGRT
- B. HAZEN SAWYER FOR THE AMOUNT OF \$450,000 EXCLUSIVE OF NMGRT
- C. BUDGET AMENDMENT RESOLUTION FOR THE TOTAL AMOUNT OF \$835,000.

### Bill Schneider

Councilor Romero-Wirth said tell us what this is for and not for and what this allows the Water Division to do.

Mr. Schneider said historically we have had on call services. We are bringing forth this request for two contracts trying to get a bit more competitive. We have a \$16 million CIP and a multitude of projects. These contracts are all inclusive. Under the scope these contracts have the ability to provide a multitude of services. We hope to get 10 to 12 CIP projects with the emphasis on maximization of City wells. We will rehab the Torreon well and potentially replace the 40 plus year old Ferguson well. If successful that will enable us to work faster and smarter to implement the CIP. It is not designed to go forth with 100% engineering design on the reuse pipeline. It will allow us to collect information so that if the City decided the pipeline is the best solution to the City water issues we will have the information. This is a well thought out RFP we put out. We received seven applicants. We required them to write plans specific to the City needs. These 3 firms rose to the top.

Councilor Romero-Wirth said to the reuse pipeline, we pulled last week the amendment to the Corrello contract which is being reworked to do more engineering work with Corrello on the four options identified in the feasibility study and that will be coming back here for approval.

Mr. Schneider said correct.

Chair Rivera said those questions are similar to some of the questions we received at Council. Some of the Councilors were curious why Corrello and Hazen were chosen over some of the others.

Mr. Schneider passed out a handout describing the scoring.

The scoring handout is herewith attached to these minutes as Exhibit "4".

Mr. Schneider said some of the key differentiators were tied to the work plan and schedule development. The intent of the Water Division was to learn what firms really understood our complicated water system as well as past proved experience. He personally called Albuquerque and others to make sure these firms met the expectations. These two firms rose to the top across the board.

Chair Rivera recommended that Mr. Schneider include this handout in the packet for Council.

Chair Rivera asked were Corrello and Hazen the lowest bid.

Mr. Schneider said the selection was based more on qualifications rather than cost. We did look at the hourly rate for engineers and geologists and others and did compare for best prices. Really the aspect of value added engineering will be identified on the task orders. Some firms work smarter and faster.

Chair Rivera said he gets that, but he is trying to address what other Councilors may ask as this moves forward in the process.

Chair Rivera said if both these firms had the highest amounts of fees how did the scores come to this number.

Mr. Schneider said all three of the evaluators looked at these items from different viewpoints so the scoring is a bit different. We were looking for the best overall firm.

Chair Rivera said you are going to get a question about the fees and the scoring on them. If you can include a justification of why someone with the lowest bid would not get highest score as to proposed fees that will be helpful going forward.

Mr. Schneider said we did not ask for a fee amount. We asked for qualifications and graded it. We compared and contrasted the firms, but some firms do not understand doing water projects in New Mexico. We are looking for the highest quality for the best value.

Chair Rivera said coming up with a good explanation for the last part of what you said would be good.

Councilor Romero-Wirth said back to the reuse question and getting the contract amendment for Corrello, before the City moves forward you mentioned that the Water Division would come forth with an RFP proposal of 100% design of the pipeline. Before that happens and as part of the Corrello contract and possibly in addition to it is the Water Division's plan to seek more public input and understanding of the feasibility study and the four alternatives before you come back with 100% design of the pipeline. Is that accurate.

Mr. Schneider said he concurs 100%.

Councilor Romero-Wirth said she just wanted to make that clear.

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

**VOTE** The motion passed unanimously by voice vote.

15. REQUEST FOR APPROVAL OF AWARD OF BID '19/19/P TO INTERA, INC. TO PROVIDE GROUNDWATER MONITORING, SOIL VAPOR MONITORING, AND OTHER ENVIRONMENTAL AND ENGINEERING SERVICES FOR LANDFILL SITES FOR THE AMOUNT OF \$757,872 EXCLUSIVE OF NMGRT FOR A PERIOD OF FOUR (4) YEARS. Shirleen Sitton

Chair Rivera said his questions and comments on this item are similar to what he asked Bill for. It would be good, based on the last Finance Committee meeting, to put out a sheet similar to what Bill did on the scoring.

Ms. Sitton said she had one and handed out the scoring details for this item.

That document is herewith attached to these minutes as Exhibit "5".

Chair Rivera said he had a question on Cottonwood where this handout and the packet differ.

Ms. Sitton said Cottonwood scored pretty low. It was by far the lowest price, but it was not inclusive of all the tasks on the RFP. The experience was not applicable.

Chair Rivera said as this goes to Finance explaining why the lowest bid proposals were not selected and what was the thought behind that is important. You would think the lowest score would score the highest. Add an explanation in your packet for Finance.

Mr. Puglisi said Cottonwood scored 9.15 total. That number on the handout is incorrect. Cottonwood did not submit an appropriate response to the RFP. They just restated what was said in the RFP and gave a date to do it.

Chair Rivera said you assume all the bidders can do the work. Justifying the scores is important.

Ms. Sitton said of the 3 we thought could do the work we did award to the lowest cost.

Chair Rivera said update this and add it to the packet as it moves through the process.

MOTION A motion was made by Chair Rivera, seconded by Councilor Romero-

Wirth, to approve the request.

**VOTE** The motion passed unanimously by voice vote.

16. REQUEST FOR APPROVAL OF AMENDMENT NO. 1 TO THE ORIGINAL PSA 15-0860 WITH THE USDA FOREST SERVICE FOR THE COST SHARE AGREEMENT FOR WATERSHED MANAGEMENT TO EXTEND THE TERM TO 12/31/2019.

Approved on consent.

17. REQUEST FOR APPROVAL OF CHANGE ORDER NO. 1 TO THE ORIGINAL CONTRACT 18-0835 WITH BRADBURY AND STAMM CONSTRUCTION, INC. FOR THE WWMD ANAEROBIC DIGESTER PROJECT - CIP # 950 FOR THE DECREASED AMOUNT OF (\$28, 040.78) INCLUSIVE OF NMGRT.

Approved on consent.

18. MATTERS FROM THE PUBLIC

None.

19. MATTERS FROM THE CITY ATTORNEY

None.

20. MATTERS FROM STAFF

None.

21. MATTERS FROM THE COMMITTEE

None.

- 22. NEXT MEETING APRIL 3, 2019
- 23. ADJOURN

| There being no further business before the Committee the meeting adjourned at 6:15 pm. |
|--|
| Che Aria   |
| Councilor Christopher Rivera, Chair  |
|  |
| Elizabeth Martin, Stenographer   |
|  |

20190301FMT\_rg\_final USDA NRCS National Water & Climate Center \* - DATA CURRENT AS OF: March 05, 2019 03:10:41 PM - Based on March 01, 2019 forecast values

| Northwestern Rio Grande in Colorado                              |                    |              |             |              |              |   |  |                     |
|--|--------------------|--------------|-------------|--------------|--------------|---|--|---------------------|
| Forecast Point   | period             | 50%<br>(KAF) | % of avg    | max<br>(KAF) | 30%<br>(KAF) | 70%<br>(KAF)                                | min<br>(KAF)                               | 30-yr<br>avg        |
| Rio Grande at Thirty Mile Bridge (2)                             | APR-JUL            | 123          | 109         | 165          | 139          | 108   | 87   | 113                 |
| Rio Grande at Wagon Wheel Gap (2)                                | APR-SEP<br>APR-SEP | 139<br>375   | 108<br>110  | 190<br>525   | 159<br>430   | 121<br>320                                  | 96<br>250                                  | 129<br>340          |
| SF Rio Grande at South Fork (2)<br>Rio Grande nr Del Norte (2)   | APR-SEP<br>APR-SEP | 123<br>580   |             | 170<br>815   | 141<br>670   | 106<br>495                                  | 84<br>385                                  | 127<br>515          |
| Saguache Ck nr Saguache (2)<br>Alamosa Ck ab Terrace Reservoir   | APR-SEP<br>APR-SEP | 37<br>65     | 116<br>96   | 57<br>91     | 45<br>75     | 30<br>56                                    | 21<br>43                                   | 32<br>68            |
| La Jara Ck nr Capulin<br>Platoro Reservoir Inflow (2)            | MAR-JUL<br>APR-JUL | 8.5<br>54    | 96<br>96    | 13.4<br>72   | 10.3<br>61   | 6.8<br>48                                   | 4.7<br>39                                  | 8.9<br>56           |
| Conejos R nr Mogote (2)  | APR-SEP<br>APR-SEP | 60<br>189    |             | 81<br>260    | 68<br>215    | 52<br>163                                   | 42<br>129                                  | 62<br>194           |
| San Antonio R at Ortiz<br>Los Pinos R nr Ortiz                   | APR-SEP<br>APR-SEP | 15.7<br>75   | 101<br>103  | 24<br>105    | 19.0<br>87   | 12.7<br>64                                  | 8.9<br>50                                  | 15.6<br>73          |
| Rio Grande nr Lobatos Obs  | APR-JUL            | 200          | 100         | 325          | 245          | 158   | 104  | 200                 |
| Northeastern Rio Grande in Colorado                              |                    | E 00/        | o, c        |              | 2.004        |   |  |                     |
| Forecast Point   | period             | 50%<br>(KAF) | % of avg    | max<br>(KAF) | 30%<br>(KAF) | 70%<br>(KAF)                                | min<br>(KAF)                               | 30-yr<br>avg        |
| Ute Ck nr Fort Garland<br>Sangre de Cristo Ck (2)                | APR-SEP<br>APR-SEP | 14.3<br>16.9 | 112         | 21           | 16.9         | 11.8  | 8.7  | 12.8                |
| Trinchera Ck ab Turners Ranch                                    | APR-SEP            | 13.0         | 104<br>103  | 28<br>16.9   | 21<br>14.5   | 13.3 $11.5$                                 | 8.8<br>9.6                                 | 16.3<br>12.6        |
| Culebra Ck at San Luis (2) Costilla Reservoir Inflow (2)         | APR-SEP<br>MAR-JUL | 23<br>12.1   | 100<br>109  | 36<br>17.8   | 28<br>14.3   | $\begin{array}{c} 18.2 \\ 10.1 \end{array}$ | 12.5<br>7.5                                | 23<br>11.1          |
| Costilla Ck nr Costilla (2)                                      | MAR-JUL            | 28           | 108         | 44           | 34           | 23  | 15.5                                       | 26                  |
| Middle Sangre Mtns in New Mexico                                 |                    | E 00/        | o           |              | 2001         |   |  |                     |
| Forecast Point   | period             | 50%<br>(KAF) | % of<br>avg | max<br>(KAF) | 30%<br>(kaf) | 70%<br>(KAF)                                | min<br>(KAF)                               | 30-yr<br>avg        |
| Red R bl Fish Hatchery nr Questa<br>Rio Hondo nr Valdez          | MAR-JUL            | 35           | 103         | 51           | 41           | 29  | 21   | 34                  |
| Rio Lucero nr Arroyo Seco  | MAR-JUL<br>MAR-JUL | 17.8<br>10.4 | 97<br>95    | 28<br>16.6   | 21<br>12.8   | 14.4<br>8.3                                 | $\begin{array}{c} 10.1 \\ 5.6 \end{array}$ | $\frac{18.4}{10.9}$ |
| Rio Pueblo de Taos nr Taos<br>Rio Pueblo de Taos bl Los Cordovas | MAR-JUL<br>MAR-JUL | 17.9<br>35   | 105<br>97   | 29<br>64     | 22<br>46     | 14.1<br>26                                  | 9.5<br>14.7                                | 17.0<br>36          |
| Embudo Ck at Dixon<br>Santa Cruz R at Cundiyo                    | MAR-JUL<br>MAR-JUL | 47<br>18.7   | 98<br>102   | 85<br>27     | 61<br>22     | 35<br>15.7                                  | 21<br>11.7                                 | 48<br>18.3          |
| Nambe Falls Reservoir Inflow (2)<br>Tesuque Ck ab diversions     | MAR-JUL<br>MAR-JUL | 6.2          | 95<br>107   | 9.1<br>2.4   | 7.3          | 5.2   | 3.8  | 6.5                 |
| Santa Fe R nr Santa Fe (2)                                       | MAR-JUL            | 4.3          | 100         | 6.2          | 1.80<br>5.0  | 1.10<br>3.6                                 | 0.70<br>2.8                                | 1.34                |
| El Vado, Jemez   | 2019               | ACRE-        | - Feet      | <b>-</b>     |              |   |  | (KAF)               |
| Forecast Point   | paried             |              | % of        | max          | 30%          | 70%   | min  | 30-yr               |
|  | period             | (KAF)        | avg         | (KAF)        | (KAF)        | (KAF)                                       | (KAF)                                      | avg<br>             |
| El Vado Reservoir Inflow (2)                                     | MAR-JUL<br>APR-JUL | 250<br>225   | 111<br>110  | 365<br>335   | 295<br>265   | 205<br>186                                  | 153<br>135                                 | 225<br>205          |
| Jemez R nr Jemez<br>Jemez R bl Jemez Canyon Dam                  | MAR-JUL<br>MAR-JUL | 43<br>35     | 102<br>103  | 63<br>53     | 51<br>42     | 36<br>28                                    | 27<br>20                                   | 42<br>34            |
| Mainstem Routings  |                    |              |             |              |              |   |  |                     |
| Forecast Point   | period             | 50%<br>(KAF) | % of<br>avg | max<br>(KAF) | 30%<br>(KAF) | 70%<br>(KAF)                                | min<br>(KAF)                               | 30-yr<br>avg        |
| Rio Grande at Otowi Bridge (2)                                   | MAR-JUL            | 755          | 105         | 1130         | 900          | 625   | 455  | 720                 |
| Rio Grande at San Marcial (2)                                    | MAR-JUL<br>Page    | 540<br>1     | 106         | 865          | 670          | 410   | 215  | 510                 |
| Page 1   |                    |              |             |              |              |   |  |                     |

Exhibit "1"

### 20190301FMT\_rg\_final

| Pecos  |  | E 00/                  | ov - c                 |                         | 3.007                  | 700/                  |                       | 20                    |
|--|--|------------------------|------------------------|-------------------------|------------------------|-----------------------|-----------------------|-----------------------|
| Forecast Point   | period                                   | 50%<br>(KAF)           | % of<br>avg            | max<br>(KAF)            | 30%<br>(kaf)           | 70%<br>(KAF)          | mın<br>(KAF)          | 30-yr<br>avg          |
| Pecos R nr Pecos<br>Pecos R nr Anton Chico<br>Gallinas Ck nr Montezuma<br>Pecos R ab Santa Rosa Lk | MAR-JUL<br>MAR-JUL<br>MAR-JUL<br>MAR-JUL | 58<br>60<br>10.2<br>52 | 102<br>95<br>104<br>93 | 88<br>110<br>19.6<br>97 | 69<br>79<br>13.7<br>69 | 48<br>44<br>7.3<br>38 | 34<br>25<br>3.8<br>21 | 57<br>63<br>9.8<br>56 |
| Ruidoso and Mimbres  |  |                        |                        |                         |                        |                       |                       |                       |
| Forecast Point   | period                                   | 50%<br>(KAF)           | % of<br>avg            | max<br>(KAF)            | 30%<br>(KAF)           | 70%<br>(KAF)          | min<br>(KAF)          | 30-yr<br>avg          |
| Rio Ruidoso at Hollywood<br>Mimbres R at Mimbres (3)   | MAR-JUN<br>MAR-MAY                       | 2.1<br>1.04            | 31<br>69               | 5.7<br>2.9              | 3.4<br>1.65            | 1.19<br>0.61          | 0.29                  | 6.7<br>1.50           |

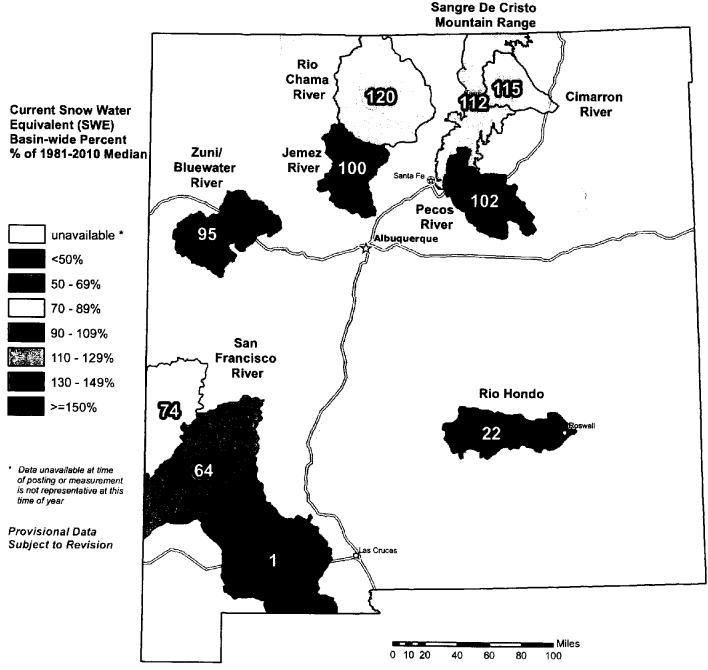
Max (10%), 30%, 50%, 70% and Min (90%) chance that actual volume will exceed forecast. Averages are for the 1981-2010 period. All volumes are in thousands of acre-feet.

### footnotes:

1) Max and Min are 5% and 95% chance that actual volume will exceed forecast 2) streamflow is adjusted for upstream storage 3) median value used in place of average

### New Mexico SNOTEL Current Snow Water Equivalent (SWE) % of Normal

Mar 06, 2019





The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

Prepared by: USDA/NRCS National Water and Climate Center Portland, Oregon http://www.wcc.nrcs.usda.gov

## Water Rights vs

### **Water Supply**

Water Resources Coordinator William H Schneider, P.G. City of Santa Fe March 6, 2019 PUC Meeting

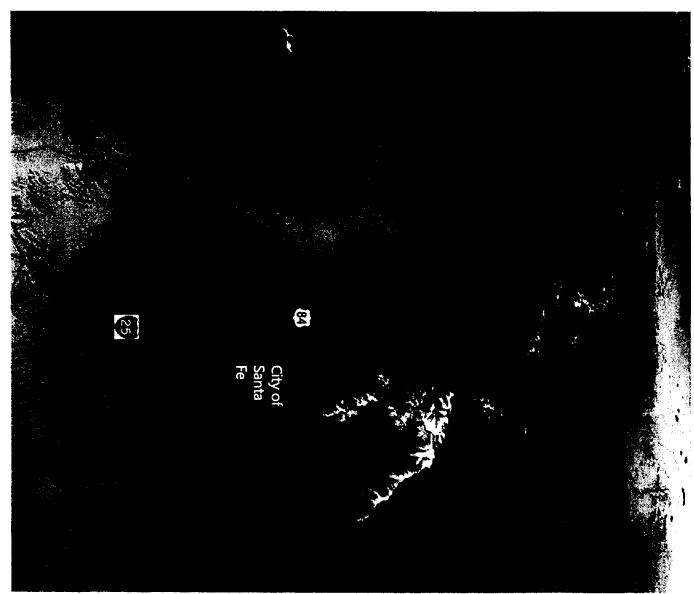
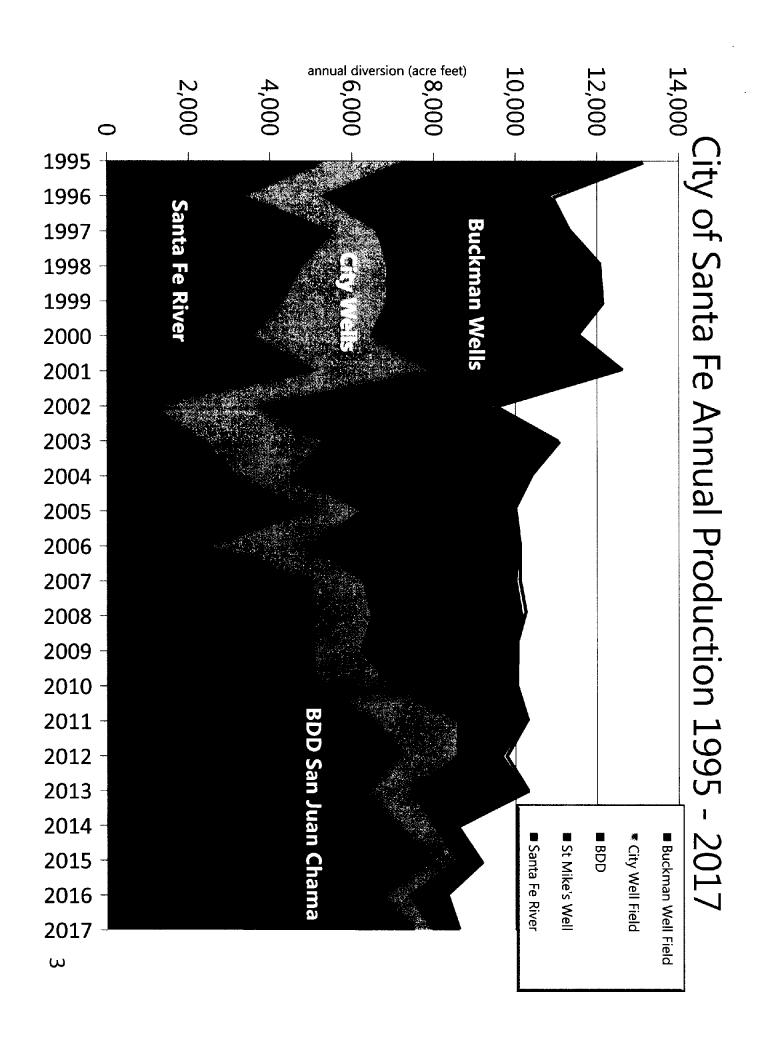


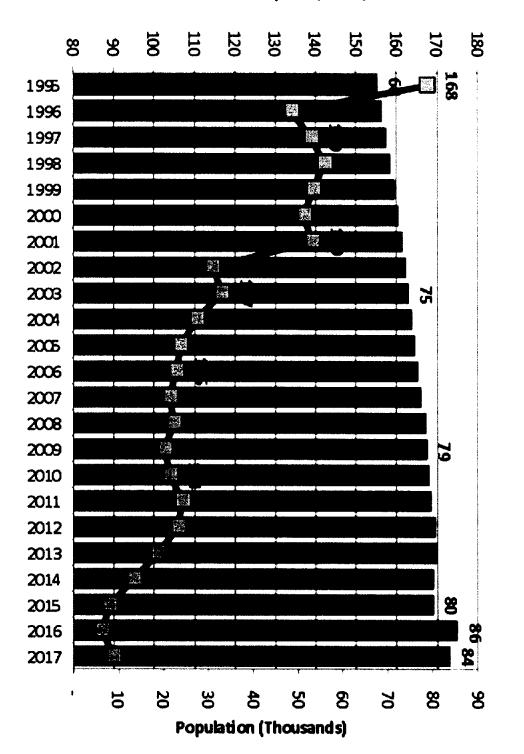
Exhibit "a"

# City of Santa Fe Sources of Water Supply





### Consumption (CPCD)



## ity of Santa Fe per day

## Source of Supply

### Source

## Water Right (ac-ft/yr)

Canyon Road Water Treatment Plant

**>** 5,040

City Well Field

**>** 3,407\*

Buckman Well Field

**>** 10,000

Buckman Direct Diversion

**>** 5,230

\*1 year maximum of 4865 ac-ft/yr

23,700 ac-ft/yr

Conservation saves 3,000 ac-ft/yr Reclaimed water from all sources, 5,600 ac-ft/yr

# Demand Requirements

### Demand

- City average (2014-2018)
- Living River County WRA

### **ac-ft/yr** 8500 1350

300 to 1000

Demand, total:

Water right:

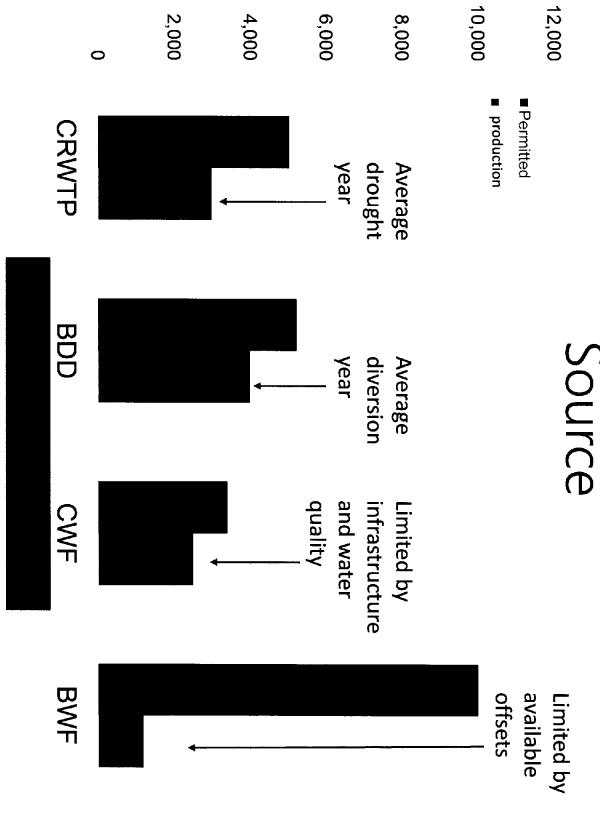
Water Right less Demand:

11,000 ac-ft/yr

23,700 ac-ft/yr

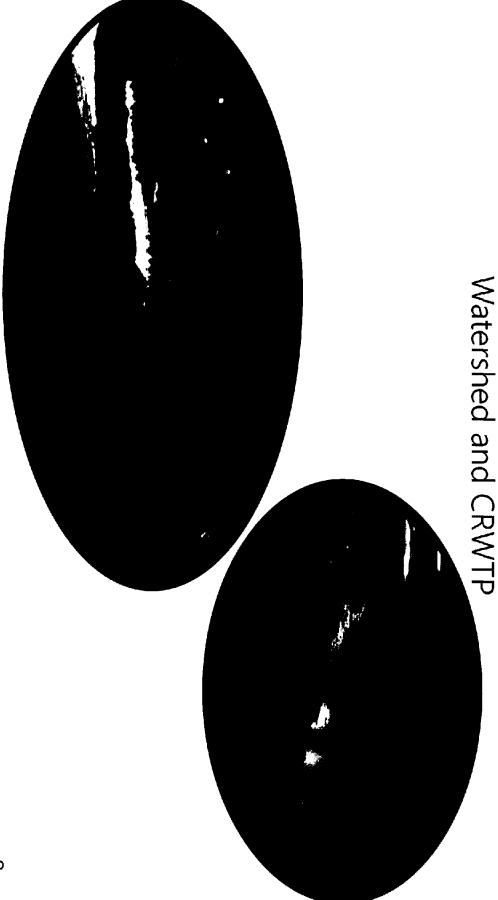
12,700 ac-ft/yr

# Permitted vs Current Production by

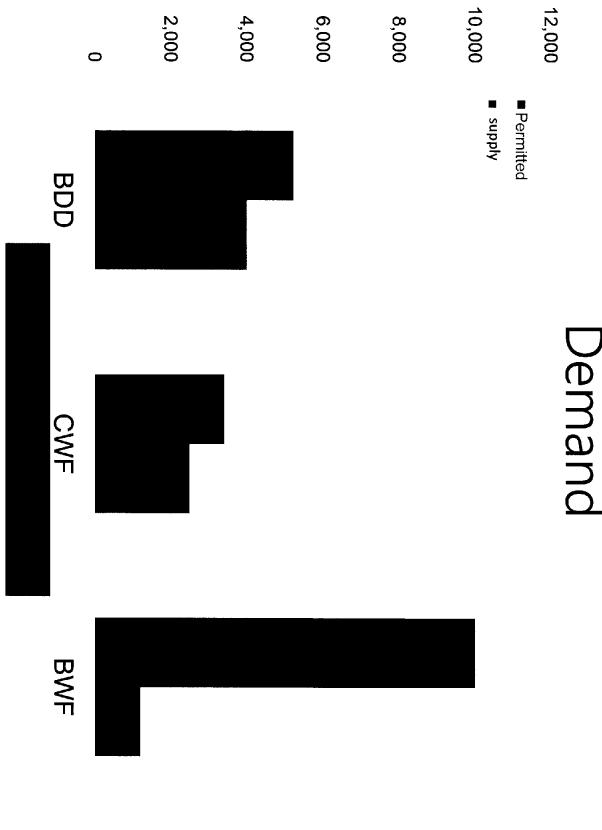


## Bonito Lake Scenario

City of Santa Fe's most vulnerable source is Santa Fe

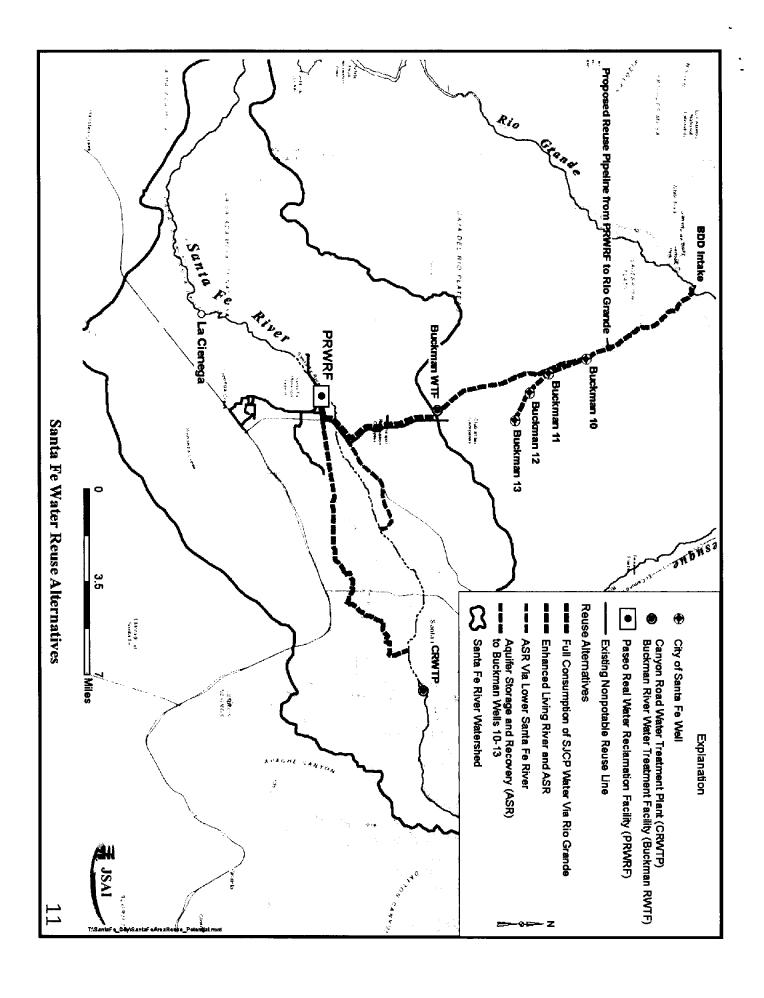


# Revised Sources of Water to Meet



## Water Supply and Climate Change Impacts Adaptation Strategies to Mitigate Loss of

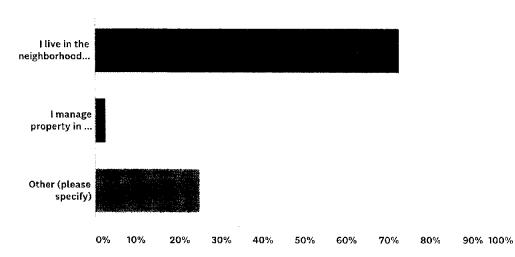
- ✓ Water Conservation
- ✓ City Well Field Optimization
- ✓ Additional Buckman Well Field offsets
- Aquifer Storage and Recovery
- ✓ Reuse of reclaimed water from Paseo Real WRF
- √ 100% Consumption of San Juan-Chama Project water



Ft. Marcy Survey Results
All Respondents, All Comments
Public Utilities Committee 3-6-19

#### Q1 Which best describes you?

Answered: 40 Skipped: 0

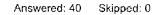


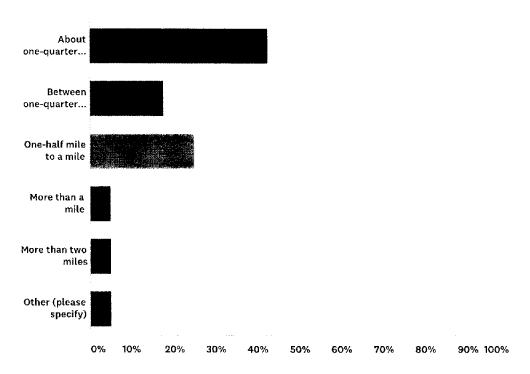
| ANSWER CHOICES  | RESPONSES |    |
|---|-----------|----|
| I live in the neighborhood around Ft. Marcy Park            | 72.50%    | 29 |
| I manage property in the neighborhood around Ft. Marcy Park | 2.50%     | 1  |
| Other (please specify)                                      | 25.00%    | 10 |
| TOTAL   |           | 40 |

#### Question 1, Which Best Describes You- "Other"

I live in the county 2/5/2019 11:06 PMAdd tags -View respondent's answers I live very close 2/5/2019 6:55 PMAdd tags -View respondent's answers Hive in Estancia Primera, up Hyde Park Rd. 2/5/2019 6:42 PMAdd tags -View respondent's answers I live on the north side of Santa Fe and walk there often 2/5/2019 6:15 PMAdd tags -View respondent's answers Hive off of Rio Grande Ave 2/5/2019 5:56 PMAdd tags -View respondent's answers Live in county by 599 and buckman 2/5/2019 5:52 PMAdd tags -View respondent's answers I on the Eastside and use the facility for glass recycling only. 2/5/2019 4:22 PMAdd tags - View respondent's answers I rent in neighborhood 2/5/2019 3:09 PMAdd tags -View respondent's answers Have a medical clinic in the neighborhood nearby 2/5/2019 2:52 PMAdd tags -View respondent's answers I live nearby and use the drop off regularly 2/5/2019 2:49 PM

#### Q2 How far is your residence or managed property from the Ft. Marcy Recycling Drop-Off Site?





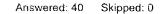
| ANSWER CHOICES                             | RESPONSES |    |
|--|-----------|----|
| About one-quarter mile or less             | 42.50%    | 17 |
| Between one-quarter mile and one-half mile | 17.50%    | 7  |
| One-half mile to a mile                    | 25.00%    | 10 |
| More than a mile                           | 5.00%     | 2  |
| More than two miles                        | 5.00%     | 2  |
| Other (please specify)                     | 5.00%     | 2  |
| TOTAL                                      |           | 40 |

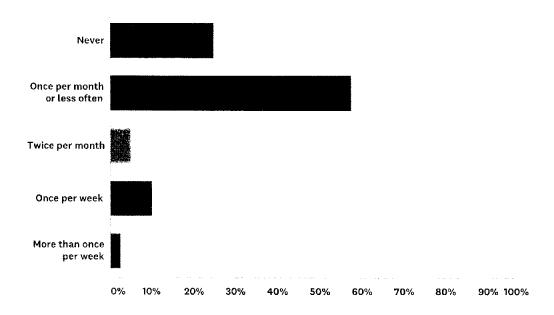
#### Question 2 How far is your residence- Other

1/2 block from entrance to the lot with the dumpsters 2/5/2019 11:47 PMAdd tags -View respondent's answers

Across the street so we SEE AND HEAR IT 2/5/2019 4:27 PM

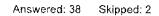
#### Q3 How often do you recycle GLASS at the Ft. Marcy Recycling Drop-Off Site?

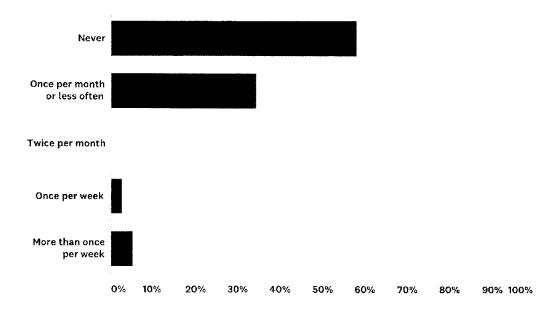




| ANSWER CHOICES               | RESPONSES |    |
|------------------------------|-----------|----|
| Never                        | 25.00%    | 10 |
| Once per month or less often | 57.50%    | 23 |
| Twice per month              | 5.00%     | 2  |
| Once per week                | 10.00%    | 4  |
| More than once per week      | 2.50%     | 1  |
| TOTAL                        |           | 40 |

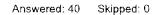
#### Q4 How often to you recycle other items (plastic, cans, paper, cardboard) at the Ft. Marcy Recycling Drop-Off Site?

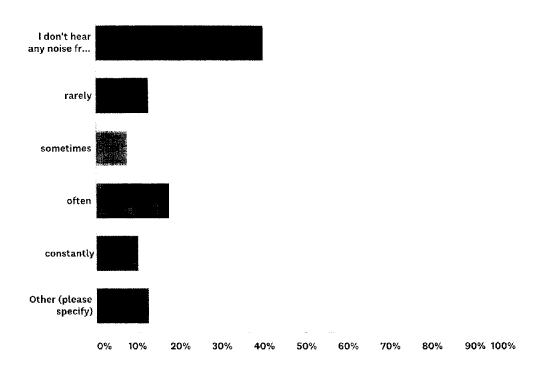




| ANSWER CHOICES RESPONSES     |        |    |
|------------------------------|--------|----|
| Never                        | 57.89% | 22 |
| Once per month or less often | 34.21% | 13 |
| Twice per month              | 0.00%  | 0  |
| Once per week                | 2.63%  | 1  |
| More than once per week      | 5.26%  | 2  |
| TOTAL                        |        | 38 |

#### Q5 How often do you hear noise from recycling activities the Ft. Marcy Recycling Drop-Off Site?





| ANSWER CHOICES RESPONSES             |        |    |
|--------------------------------------|--------|----|
| I don't hear any noise from the site | 40.00% | 16 |
| rarely                               | 12.50% | 5  |
| sometimes                            | 7.50%  | 3  |
| offen                                | 17.50% | 7  |
| constantly                           | 10.00% | 4  |
| Other (please specify)               | 12.50% | 5  |
| TOTAL                                |        | 40 |

#### Question 5 How often do you hear noise- Other

I live across the street from the dump, so not constantly, but very often.y 2/8/2019 3:29 PMAdd tags -View respondent's answers

Г

I live nowhere near there

2/5/2019 5:52 PMAdd tags -View respondent's answers

r

I don't live in the area.

2/5/2019 4:22 PMAdd tags -View respondent's answers

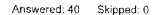
Г

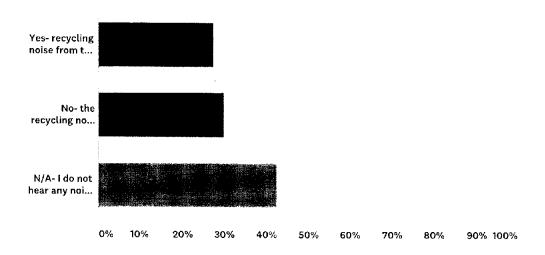
Every morning when the weather is nice and our bedroom window is open 2/5/2019 3:49 PMAdd tags \_View respondent's answers

Γ

when I'm there, and the containers are empty, I make a lot of noise myself. 2/5/2019 2:49 PMAdd tags --View respondent's answer

#### Q6 If you hear noise from recycling activities at the Ft. Marcy Recycling Drop-Off Site, does the noise affect your quality of life?

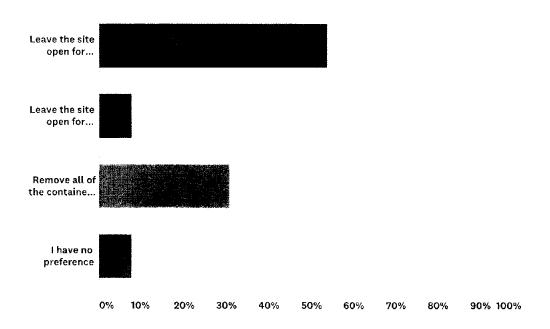




| ANSWER CHOICES |  | RESPONSES |    |
|----------------|--|-----------|----|
|                | Yes- recycling noise from the site negatively affects my quality of life | 27.50%    | 11 |
|                | No- the recycling noise from the site does not impact my quality of life | 30.00%    | 12 |
|                | N/A- I do not hear any noise from recycling activities                   | 42.50%    | 17 |
|                | TOTAL  |           | 40 |

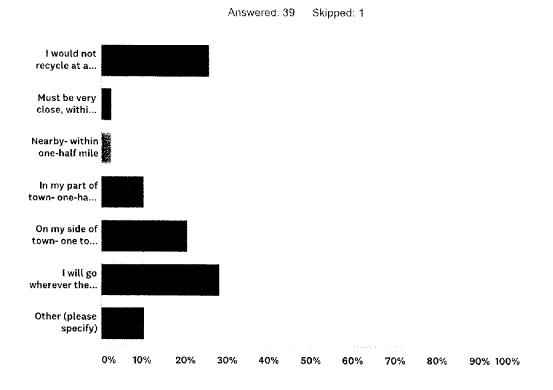
#### Q7 What is your preference regarding the Ft. Marcy Recycling Drop-off Site?





| ANSWER CHOICES   |        |    |
|--|--------|----|
| Leave the site open for recycling (glass, cardboard, and mixed plastics, papers, and cans) | 53.85% | 21 |
| Leave the site open for recycling glass only (remove the other containers)                 | 7.69%  | 3  |
| Remove all of the containers and close the recycling site                                  | 30.77% | 12 |
| I have no preference   | 7.69%  | 3  |
| TOTAL  |        | 39 |

#### Q8 If this site were closed, how far are you willing to travel to recycle?



| ANSWER CHOICES  |        |    |
|---|--------|----|
| I would not recycle at a different location                         | 25.64% | 10 |
| Must be very close, within one-quarter mile                         | 2.56%  | 1  |
| Nearby- within one-half mile  | 2.56%  | 1  |
| In my part of town- one-half to one mile                            | 10.26% | 4  |
| On my side of town- one to three miles                              | 20.51% | 8  |
| I will go wherever the recycling center is within the Santa Fe area | 28.21% | 11 |
| Other (please specify)  | 10,26% | 4  |
| TOTAL   |        | 39 |

#### Question 8 How far would you travel- Other

Buckman Rd recycling 2/8/2019 11:25 AMAdd tags -View respondent's answers

Г

Glass pick up with other recycling would be preferrable 2/6/2019 7:35 AMAdd tags -View respondent's answers

Г

start glass pick up please 2/5/2019 9:15 PMAdd tags -View respondent's answers

We already drive our glass to Buckman!!!!!!!!! 2/5/2019 4:27 PMAdd tags -View respondent's answers

#### Q9 Please add any additional suggestions or comments about the current location of the Ft. Marcy Recycling Center.

Answered: 18 Skipped: 6

| #  | RESPONSES  | DATE              |
|----|--|-------------------|
| 1  | Rather than noise, my main complaint is dangerous mess. On Monday mornings in summer there is trash and broken glass everywhere. I walk my dog in the area, as do many other people. I have seen the dumpsters emptied and even with care, glass shatters on the pavement. It is inappropriate to have a city park in which the parking lot routinely has broken glass. I suggest curbside glass pickup which is provided in MANY cities. Thanks.  | 2/8/2019 6:00 PM  |
| 2  | Out of consideration for my neighbors and respect for my neighborhood, I take my glass recycling to the Buckman recycling facility (BuRRT). I do not find it an inconvenience to drive to BuRRT, even though I live across Old Taos Highway from the Ft. Marcy dump. Ft. Marcy Park is no place for a garbage dump such as this, with all the broken glass on the ground, the noise of the breaking glass and the big trucks noisily banging the bins on the ground. Ft. Marcy Park should be a place where children can play without worrying about broken glass and citizens can enjoy the new dog park without all the noise of breaking glass. Also - why doesn't question #7 have the option of just getting rid of the glass recycling and keeping the other containers? | 2/8/2019 3:29 PM  |
| 3  | It has been a disaster for the neighborhood. The noise, which penetrates neighborhoods for blocks and immediately crashes on anyone walking across Murales Rd to go to Ft. Marcy Park/Rec Center, is more than disturbing. Such noise and disturbance does not belong in any residential area and in a park which people use to walk, walk their dogs, bring their children to play, enjoy just being there. Get rid of this excessive noise pollution and mess. It is a constant disturbance.   | 2/8/2019 11:25 AM |
| 4  | Is there really an ROI on glass recycling? If not, let's stop. Santa Fe has too many "feel good" policies.   | 2/6/2019 4:33 PM  |
| 5  | Add glass to the already exsisting curbside pick up  | 2/6/2019 3:14 PM  |
| 6  | An additional container for cardboard would be useful at the Ft. Marcy recycling center  | 2/6/2019 2:24 PM  |
| 7  | There is always glass in the parking lot making it dangerous to walk dogs.   | 2/6/2019 5:32 AM  |
| 8  | Transfer vehicle don't need to arrive so damn early!   | 2/5/2019 9:24 PM  |
| 9  | start glass pick up please   | 2/5/2019 9:15 PM  |
| 10 | If this is a viable project, please be transparent about what the City does with recycled items?   | 2/5/2019 7:43 PM  |
| 11 | It's not just the noise. The entire area is trashy, not befitting a park area. Unfortunately containers get full and people just throw it in the area. Containers, pieces of cardboard get blown throughout the area constantly. There is always broken glass laying around especially within about 50' of the containers left when the recycling truck empties the container in to the truck, I've lived in (6) different states and have never experienced a recycling center in a public park. Poor planning, not very considerate of residents.  | 2/5/2019 4:40 PM  |
| 12 | Even if glass stays, there is no need to keep other bins as they are curbside items. Plus better enforcement of "dumpers" fines  | 2/5/2019 3:49 PM  |
| 13 | Loud, messy, degrades Ft. Marcy park.  | 2/5/2019 3:12 PM  |
| 14 | The recycling at Ft. Marcy is at an excellent location for everyone within the northeast quadrant of the city. Noise pollution is minimal for residents.   | 2/5/2019 3:10 PM  |
| 15 | I hope we can leave it open  | 2/5/2019 3:09 PM  |
| 16 | The Center is a real plus for our neighborhood. It's convenient, and it's off the main road about a football field or more away from homes in the area. I drive by several times a day on Old Taos Hwy and almost never see cars/people using the Center. Nor have I ever heard breaking glass. It's not that there is a constant line of people dumping glass day and night, 24/7/365! I will be really sorry if a handful of people convince the city to remove the Center. How about removing Zozobra; now that's what I call noise!!!!   | 2/5/2019 2:59 PM  |

#### Fort Marcy Recycling Drop Off Neighborhood Survey

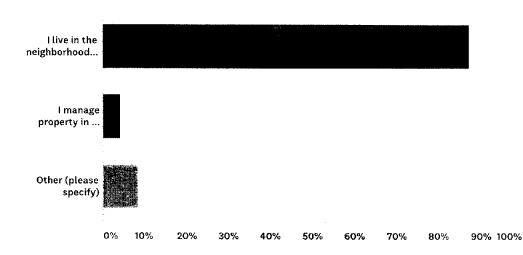
#### SurveyMonkey

| 17 | It seems Ok to meand is important to allow people to recycle! The material might otherwise end up in landfill | 2/5/2019 2:47 PM |
|----|---|------------------|
| 18 | Like the old way where our wine bottles went into the recycle carts.  | 2/5/2019 2:47 PM |

### Ft. Marcy Survey Results Half Mile Filter Public Utilities Committee 3-6-19

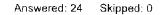
#### Q1 Which best describes you?

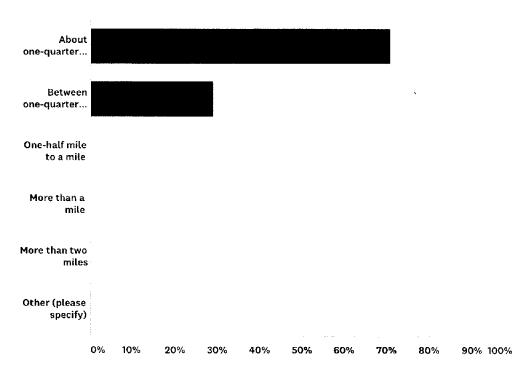
Answered: 24 Skipped: 0



| ANSWER CHOICES  | RESPONSES |    |
|---|-----------|----|
| I live in the neighborhood around Ft. Marcy Park            | 87.50%    | 21 |
| I manage property in the neighborhood around Ft. Marcy Park | 4.17%     | 1  |
| Other (please specify)                                      | 8.33%     | 2  |
| TOTAL   |           | 24 |

#### Q2 How far is your residence or managed property from the Ft. Marcy Recycling Drop-Off Site?

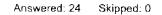


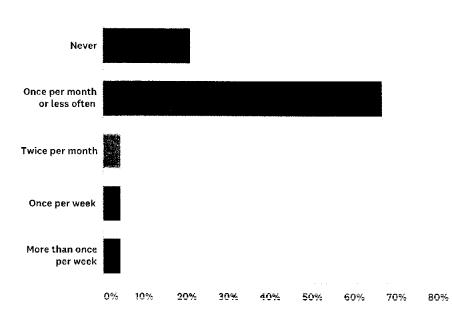


| ANSWER CHOICES                             | RESPONSES |    |
|--|-----------|----|
| About one-quarter mile or less             | 70.83%    | 17 |
| Between one-quarter mile and one-half mile | 29.17%    | 7  |
| One-half mile to a mile                    | 0.00%     | 0  |
| More than a mile                           | 0.00%     | 0  |
| More than two miles                        | 0.00%     | 0  |
| Other (please specify)                     | 0.00%     | 0  |
| TOTAL                                      |           | 24 |

90% 100%

#### Q3 How often do you recycle GLASS at the Ft. Marcy Recycling Drop-Off Site?

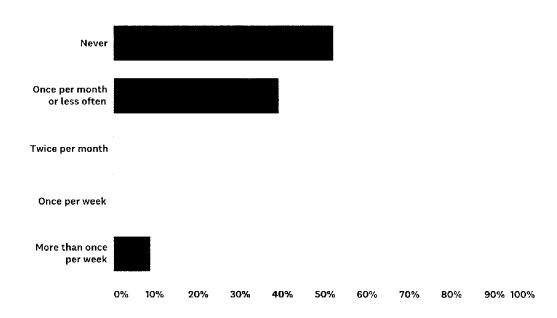




| ANSWER CHOICES               | RESPONSES |    |
|------------------------------|-----------|----|
| Never                        | 20.83%    | 5  |
| Once per month or less often | 66.67%    | 16 |
| Twice per month              | 4.17%     | 1  |
| Once per week                | 4.17%     | 1  |
| More than once per week      | 4.17%     | 1  |
| TOTAL                        |           | 24 |

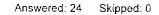
#### Q4 How often to you recycle other items (plastic, cans, paper, cardboard) at the Ft. Marcy Recycling Drop-Off Site?

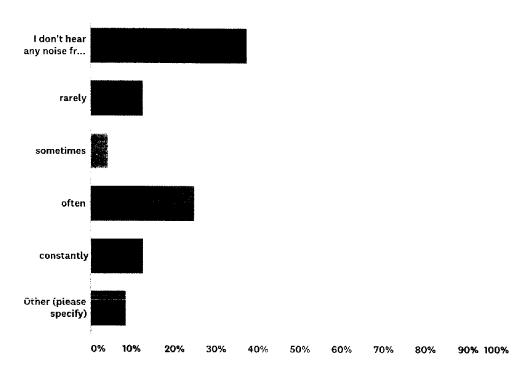




| ANSWER CHOICES               | RESPONSES |    |
|------------------------------|-----------|----|
| Never                        | 52.17%    | 12 |
| Once per month or less often | 39.13%    | 9  |
| Twice per month              | 0.00%     | 0  |
| Once per week                | 0.00%     | 0  |
| More than once per week      | 8.70%     | 2  |
| TOTAL                        |           | 23 |

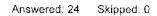
#### Q5 How often do you hear noise from recycling activities the Ft. Marcy Recycling Drop-Off Site?

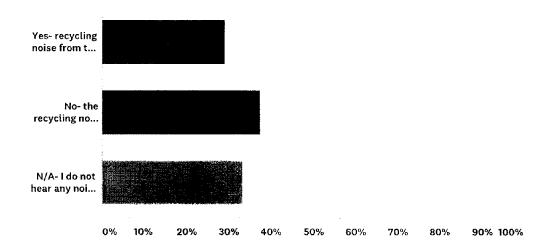




| ANSWER CHOICES                       | RESPONSES |    |
|--------------------------------------|-----------|----|
| I don't hear any noise from the site | 37.50%    | 9  |
| rarely                               | 12.50%    | 3  |
| sometimes                            | 4.17%     | 1  |
| often                                | 25.00%    | 6  |
| constantly                           | 12.50%    | 3  |
| Other (please specify)               | 8.33%     | 2  |
| TOTAL                                |           | 24 |

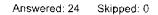
#### Q6 If you hear noise from recycling activities at the Ft. Marcy Recycling Drop-Off Site, does the noise affect your quality of life?

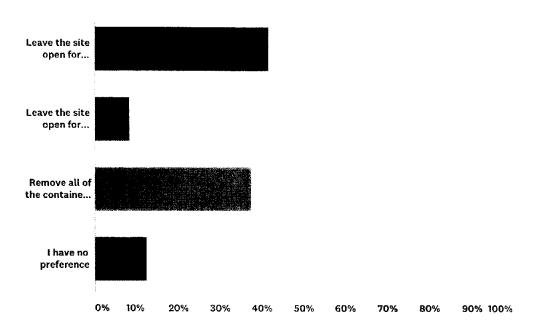




| ANSWER CHOICES   | RESPONSES |    |
|--|-----------|----|
| Yes- recycling noise from the site negatively affects my quality of life | 29.17%    | 7  |
| No- the recycling noise from the site does not impact my quality of life | 37.50%    | 9  |
| N/A- I do not hear any noise from recycling activities                   | 33.33%    | 8  |
| TOTAL  |           | 24 |

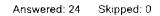
#### Q7 What is your preference regarding the Ft. Marcy Recycling Drop-off Site?

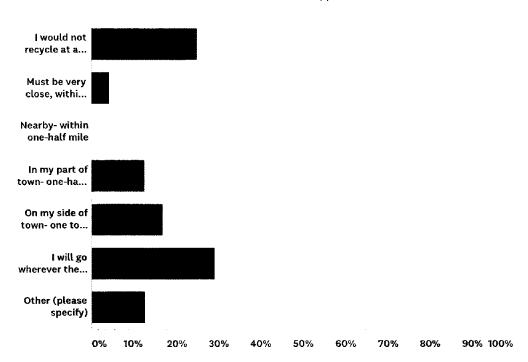




| ANSWER CHOICES   | RESPONSES |    |
|--|-----------|----|
| Leave the site open for recycling (glass, cardboard, and mixed plastics, papers, and cans) | 41.67%    | 10 |
| Leave the site open for recycling glass only (remove the other containers)                 | 8.33%     | 2  |
| Remove all of the containers and close the recycling site                                  | 37.50%    | 9  |
| I have no preference   | 12.50%    | 3  |
| TOTAL  |           | 24 |

#### Q8 If this site were closed, how far are you willing to travel to recycle?





| ANSWER CHOICES  | RESPONSES |    |
|---|-----------|----|
| I would not recycle at a different location                         | 25.00%    | 6  |
| Must be very close, within one-quarter mile                         | 4.17%     | 1  |
| Nearby- within one-half mile  | 0.00%     | 0  |
| In my part of town- one-half to one mile                            | 12.50%    | 3  |
| On my side of town- one to three miles                              | 16.67%    | 4  |
| I will go wherever the recycling center is within the Santa Fe area | 29.17%    | 7  |
| Other (please specify)  | 12.50%    | 3  |
| TOTAL   |           | 24 |

#### Q9 Please add any additional suggestions or comments about the current location of the Ft. Marcy Recycling Center.

Answered: 18 Skipped: 6

| diam'r schol   | 170      | 200                                     | 80   | 45   | 500        | 9        | 7        | 200                  |          | 882 |  | 120  | 140 | 02  | 33       | 175        | 33  | 180 |   | 785      |                           | 120    | 120                   | 8       | 9   | 175 | \$          | 160        | :            | 745   |              | <del>o</del> : | 8   | 0      | 0             | 0 | 0   | 0   |          | ٥ | i  | $\neg$        |
|--|----------|---|------|------|------------|----------|----------|----------------------|----------|-----|--|--|-----|-----|----------|------------|-----|-----|---|----------|---------------------------|--------|-----------------------|---------|-----|-----|-------------|------------|--------------|-------|--------------|----------------|-----|--------|---------------|---|-----|-----|----------|---|--|---------------|
| -  | ю        | 10                                      | ×    | 6    | oc         | α        | 0        | 10                   |          |     | arr Haustor  | 00   | 7   |     | 10,      | 7          | 일   | G   |   |          |                           | œ      | 7.5                   | - 9     | 00  | 7   | <b>o</b> co | <b>o</b> o |              |       |              | -              |     |        |               |   |     |     |          |   |  |               |
|  | 5        | 0                                       | -    | 0    |            | <br>     | <u> </u> |                      | _        |     | Saftans  |  |     |     |          |            |     | i   |   |          |                           | 0      |                       | -       | -   | 0   |             | 0          |              | 0     | 7            | 0              | 6   | ٥      | 0             | - | 0   | 0   |          | 0 |  |               |
| E-1  | 71       | 16                                      | ů.   | 3    | 11         |          | n   ;    | 7                    |          | 73  |  | 120  | 17  | •   | , Ta     | 15         | Ę,  | 20  |   | 75       |                           | 6      | 14                    | 86      | ₹   | 15  | 4           | 140        | ļ            | 680   |              |                | -   |        |               |   |     | _   |          |   |  |               |
| -  | ×0       | 80                                      | 9    | . 00 | 1          | F        | ,        | 7                    | _        |     |  | 8  | 9   | ø   | 10       | 9          | 9   | 2   |   | <br>     | Seeds in the hardward in  | 9      | 7                     | 00      | 00  | 9   | 100         | 7          | 1            |       |              |                |     |        |               |   |     |     |          |   |  |               |
|  | 20       | 8                                       | 00   | 45   | 2          | 3 5      | 2        | 180                  |          | 870 |  | 35   | 욯   | 8   | 20       | 175        | ន   | 2   |   | 810      | the state of the state of | 20     | 8                     | 2       | 용   | 75  | 9           | 120        |              | 705   |              | 0              | 0   | 0      | 0             | 0 | 0   | 0   |          | 0 |  | _             |
| ٠  | -        | ₸                                       | ! -  | !    |            | •        |          | # I                  |          | 80  | Andrew Control of the | 1  | 1   |     |          | 1          |     | -   |   | 80       | 1 1 1 1 1 1 1 1 1 1       | 1      | Ť                     |         |     | 1   |             | 1          |              | 7     |              |                |     |        | 1             | 1 |     |     |          | ! |  |               |
|  |          | σ'n                                     | 600  | ď    | ox         | , r      | †        | <del>Б</del>         |          |     |  | Q  | 7   | 8   | 01       | 1          | 10  | σn  | - |          |                           | 8      |                       | 7       | · & | 7   | 80          | φ          | <del>;</del> | _     | :            |                |     |        |               |   | ļ - |     |          |   |  |               |
| -  | 120      | 081                                     | 9    | 35   | 1 12       |          | 9        | 200                  |          | 069 |  | 135  | 5   | 20  | 52       | 8          | 25  | 002 |   | 345      |                           | 135    | 8                     | 8       | 35  | 225 | 40          | 180        |              | 855   |              | 0              | 0   | 0      | 0             | 0 | 0   | 0   |          | 0 | !  |               |
|  |          |   | :    | 7    |            |          |          |                      |          |     | 45   | 6  |     |     | :        |            |     |     |   | _        |                           |        |                       |         | İ   |     |             | 6          |              |       |              | :              |     |        | !<br>:<br>: - |   | -   |     |          |   |  |               |
| STATE OF THE PARTY |          |   |      |      |            |          |          | :                    |          |     |  |  |     |     | -        |            |     | -   |   |          |                           |        | :                     |         |     | !   |             |            | :            |       |              |                |     | :      |               |   |     |     |          |   |  |               |
| A LONG TO A LONg | 150      | 200                                     | 100  | 4    | 3,7,5      | C77      | ₹        | 160                  |          | 915 |  | 150  | 160 | 100 | 205      | 225        | 20  | 180 |   | 915      |                           | 127.5  | 180                   | 8       | 4   | 200 | 9           | 180        |              | 847.5 |              | ~              | 0   | 0      | 0             | 0 | ٥   | 0   |          | 0 |  |               |
|  | ļ        |   | į    |      |            |          |          |                      |          |     |  | Commence of the commence of th |     | I   |          |            |     |     |   |          | A CONTRACTOR              |        |                       |         |     |     |             | 1          |              |       |              | į              |     |        |               | ! | :   |     | :        |   |  |               |
| COLOR DE COL | <u>-</u> | 10                                      | 10   | O.   |            | n c      |          | ω.                   |          |     | Allers of  | 10   | 80  | 101 | 10       | ō          | 10. |     | - | <u> </u> |                           | 8.5    | 6                     | 000     | 30  | 900 | 00          | <u> </u>   | -            |       |              |                |     |        | <del> </del>  | l | :   |     |          |   |  |               |
| Company Company  | 150      | 180                                     | 80   | S    | 3,00       | 9 5      | <b>3</b> | 180                  |          | 902 |  | 135  | 140 | 92  | 20       | 150        | 20  | 180 | - | 775      |                           | 90     | 140                   | 08      | 45  | 150 | 40          | 140        |              | 685   |              | 0              | 0   | 0      | 0             | 0 | -   | -6  | •        | 0 |  |               |
| Contract Statement   |          |   |      |      | 1          | :        | 1        |                      |          |     |  | The same of the sa | i   |     |          |            |     |     | l |          |                           |        |                       |         |     | :   | !           | i          |              |       |              |                |     |        |               |   |     |     | <u>:</u> | : | <br>!  |               |
| The second second second   | 10       | 6                                       | . 00 | Ç    |            |          | 20       | 6                    |          |     |  | 6  | 7   | 7   | 10       | 9          | 12  | 6   |   |          |                           | 9      |                       | 00      | on  | 9   | . 00        | 7          |              |       |              |                |     |        |               |   |     |     |          |   |  |               |
| CARGO CHANGE CONTRACT  | 20       | 8                                       | Q    | 5    | 3 5        | 2 3      | 5        | 160                  |          | 890 |  | 20   | 9   | . 8 | 25       | 250        | 2   | 08  | 3 | 930      |                           | 135    | 180                   | 2       | \$  | 22  | \$          | 140        |              | 840   |              | 0              | -   | 6      | -             | - | 6   | 0   | _        | 0 |  |               |
| 0.40   |          |   | :    |      |            | į        | :        |                      |          | 8   |  |  |     | :   |          | l          | :   |     |   | 6        |                           | 9      |                       | L       |     | Ĺ   | 80          |            |              | •     |              |                |     |        | -             |   |     | 1   |          |   |  | i_            |
| THE PERSON AND IN  | ਜ        |   |      | , _  | <b>4</b> + | ∓ `<br>! |          | ٠.                   |          |     | MAN WANT   | 1(   |     |     |          | 10         | F   |     |   |          |                           | )<br>) |                       | "       | ~~  |     | -           |            |              |       | and the last |                | i   |        | !             |   |     |     |          |   |  |               |
|  |          |   |      |      |            |          |          | 1.5.4<br>(5.4%)<br>1 |          |     |  |  | į   |     |          |            | İ   |     |   |          |                           |        |                       | :       |     | i   |             | į          |              |       | kili.        |                |     |        | İ             |   |     | •   | -        |   |  |               |
|  |          |   |      |      |            |          |          |                      |          |     |  |  |     |     |          |            |     |     |   |          |                           |        |                       |         |     |     |             |            |              |       |              |                |     |        |               |   |     |     |          |   |  | W/Local Pref. |
|  |          |   |      |      |            | 77       |          |                      |          |     |  |  |     |     |          | econ<br>SA |     |     |   |          |                           |        |                       | Metal ( |     |     |             |            |              |       |              |                | ₹ . |        |               |   |     |     |          |   | Common Co | M/L           |
|  |          |   |      |      |            |          | a saleta |                      | i.<br>Ny |     |  |  |     |     | <b>1</b> |            |     |     |   |          |                           |        |                       |         |     |     |             |            |              |       |              |                |     | in SII |               |   |     | je. |          |   |  |               |
|  | , Ken    | 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |      |      |            |          |          |                      |          |     |  |  |     |     |          |            |     |     |   |          |                           |        |                       |         |     |     |             |            |              |       |              |                |     | 2.0    |               |   |     |     |          |   |  |               |
|  |          |   |      |      |            |          |          |                      |          |     |  |  |     |     |          |            |     |     |   |          |                           |        | 入 <b>省</b><br>《日<br>七 |         |     |     |             |            |              |       |              |                |     |        |               |   |     |     |          |   |  |               |
|  | 4        |   |      |      |            |          |          | Propes               |          |     |  |  |     |     |          |            |     |     |   |          |                           |        |                       |         |     |     |             |            | 77.3         |       |              |                | 44  |        |               |   |     | ea: | 1111     |   |  |               |

Request for Proposal 19/19/P Groundwater Monitoring, Soil Vapor Monitoring, and Other Environmental and Engineering Services for Landfill Sites: Scoring Totals

|                                       |       | Intera | Cottonwood | Sauder Miller | AECOM |
|---------------------------------------|-------|--------|------------|---------------|-------|
| Proposal Component                    |       |        |            |               |       |
|                                       | Score | Score  | Score      | Score         | Score |
| Relevent Experience                   | 15%   | 2.25   | 1.05       | 2.10          | 1.95  |
| Quality of Assigned Staff             | 10%   | 1.50   | 1.10       | 1.30          | 1.30  |
| Past Performance                      | 10%   | 1.50   | 0.70       | 1.00          | 1.00  |
| Approach/ Methodolgy                  | 15%   | 2.18   | 1.35       | 1.80          | 1.88  |
| Work Plan / Schedule                  | 15%   | 2.18   | 1.20       | 2.18          | 1.58  |
| Regulatory Requirements/<br>Knowledge | 15%   | 2.18   | 1.20       | 2.18          | 1.73  |
| Proposal Fees                         | 20%   | 3.00   | 2.10       | 2.00          | 1.40  |
| Total Score                           | 100%  | 14.79  | 8.70       | 12.56         | 10.84 |