City of Santa Fe



PUBLIC UTILITIES COMMITTEE MEETING CITY COUNCIL CHAMBERS WEDNESDAY, SEPTEMBER 4, 2013 REGULAR MEETING – 5:00 P.M.

CITY CLERK'S OFFICE

RECEIVED BY

DATE 8/24/13_IMF, Agenda SERVED & Chargence

- 1. CALL TO ORDER
- 2. ROLL CALL
- 3. APPROVAL OF AGENDA
- 4. APPROVAL OF CONSENT AGENDA
- 5. APPROVAL OF MINUTES FROM THE AUGUST 7, 2013 PUC MEETING

INFORMATIONAL ITEMS

- 6. Update on Voluntary River Conservation Fund. (Brian Drypolcher)
- 7. PNM responses to questions asked at the 8/7/13 PUC meeting. (Nick Schiavo)
- 8. Annexation status update for Public Utilities Department: Solid Waste, Water and Wastewater. (Cindy Padilla, Nick Schiavo and Bryan Romero)
- 9. Staff briefing on the City of Santa Fe's Annual Water Quality Report (aka EPA Consumer Confidence Report) prepared for Calendar Year 2012 prepared under the requirements of the Safe Drinking Water Act and a report on City's drinking water quality to date in 2013. (Alex Puglisi)

Public Utilities Committee – 9/4/13

10. Update on Current Water Supply Status. (Victor Archuleta)

CONSENT – INFORMATION ITEMS

- Status Report on the Environmental Services Division. (Cindy Padilla)
 a. Compressed Natural Gas Cost Preliminary Analysis.
- 12. Drought, Monsoon and Water Resource Management Update. (Rick Carpenter)

CONSENT – ACTION CALENDAR

13. Request for approval of award of contract to TLC Plumbing and Utility for the construction of the Maez Road Water Main Replacement Project – RFB No. '14/03/B for the total amount of \$362,658.78 inclusive of NMGRT. (Dee Beingessner)

Public Utilities Committee – 9/4/13 Finance Committee – 9/16/13 City Council – 9/25/13

14. Request for approval of Bid No. '14/07/B to Circle J Tire Company to purchase retread tires, tire casings, and tire repairs for Environmental Services Division. (Cindy Padilla)

Public Utilities Committee -9/4/13Finance Committee -9/16/13City Council -9/25/13

15. Request for approval of a JFA Agreement with the U.S. Geological Survey for the amount of \$68,020.00. (Claudia Borchert)

Public Utilities Committee – 9/4/13 Finance Committee – 9/16/13 City Council – 9/25/13

16. Request for approval to dispose and recycle unusable metal dumpsters and remove from the Environmental Services Division Asset list. (Cindy Padilla)

Public Utilities Committee – 9/4/13 Finance Committee – 9/16/13 City Council – 9/25/13

DISCUSSION ITEMS AND ACTION ITEMS

None

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

NEXT MEETING: WEDNESDAY, OCTOBER 2, 2013

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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MINUTES OF THE CITY OF SANTA FE PUBLIC UTILITIES COMMITTEE Wednesday, September 4, 2013

1. CALL TO ORDER

A meeting of the Public Utilities Committee was called to order by Councilor Christopher N. Calvert, Chair, at approximately 5:00 p.m., on Wednesday, September 4, 2013, in the Council Chambers, City Hall, Santa Fe, New Mexico.

2. ROLL CALL

MEMBERS PRESENT:

Councilor Calvert, Chair Councilor Bill Dimas Councilor Carmichael A. Dominguez Councilor Christopher M. Rivera Councilor Ronald S. Trujillo

OTHERS PRESENT:

Brian Snyder, Public Utilities Director Stephanie Lopez, Public Utilities Melessia Helberg, Stenographer

There was a quorum of the membership present for conducting official business.

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

3. APPROVAL OF AGENDA

MOTION: Councilor Dimas moved, seconded by Councilor Rivera, to approve the Agenda as presented.

VOTE: The motion was approved on a voice vote, with Councilor Dominguez, Councilor Rivera and Councilor Dimas voting in favor of the motion, no one voting against, and Councilor Trujillo absent for the vote.

4. APPROVAL OF CONSENT AGENDA

MOTION: Councilor Dominguez moved, seconded by Councilor Rivera, to approve the following Consent Informational Calendar as presented, and Consent Action Calendar as amended.

VOTE: The motion was approved on a voice vote, with Councilor Dominguez, Councilor Rivera and Councilor Dimas voting in favor of the motion, no one voting against, and Councilor Trujillo absent for the vote.

CONSENT - INFORMATIONAL CALENDAR

- 11. STATUS REPORT ON THE ENVIRONMENTAL SERVICES DIVISION. (CINDY PADILLA)
 - a. COMPRESSED NATURAL GAS COST PRELIMINARY ANALYSIS
- 12. DROUGHT, MONSOON AND WATER RESOURCE MANAGEMENT UPDATE. (RICK CARPENTER)

CONSENT – ACTION CALENDAR

- 13. [Removed for discussion by Councilor Rivera]
- 14. [Removed for discussion by Councilor Rivera]
- 15. REQUEST FOR APPROVAL OF A JFA AGREEMENT WITH THE U.S. GEOLOGICAL SURVEY FOR THE AMOUNT OF \$68,020.00. (CLAUDIA BORCHERT) Public Utilities Committee 09/04/13; Finance Committee 09/16/13; and City Council 09/25/13.
- 16. [Removed for discussion by Councilor Rivera]

5. APPROVAL OF MINUTES FOR THE AUGUST 7, 2013 PUC MEETING

MOTION: Councilor Dominguez moved, seconded by Councilor Rivera, to approve the minutes of the meeting of August 7, 2013, as submitted.

VOTE: The motion was approved on a voice vote, with Councilor Dominguez, Councilor Rivera and Chair Calvert voting in favor of the motion, no one voting against, Councilor Dimas abstaining, and Councilor Trujillo absent for the vote.

INFORMATIONAL ITEMS

6. UPDATE ON VOLUNTARY RIVER CONSERVATION FUND. (BRIAN DRYPOLCHER)

Bryan Drypolcher reviewed the information in his Memorandum of August 26, 2013. Please see this Memorandum for specifics of this presentation.

Councilor Dominguez said in his Memorandum, Mr. Drypolcher said City staff has been able to identify donors, and asked if he has a list of the donors.

Mr. Drypolcher said yes, noting they thought they wouldn't be able to do this, as well as there wouldn't be a reason to do it. He said they understood from an earlier legal opinion that once those funds were in the door, it was a "done deal" that they were contributed for the acquisition of water rights only. He said they got a different legal opinion that they do have the opportunity to convert old money into new money if we have the permission from people that contributed prior to the amendment. He said they went to the Finance people who told them they have detailed reports for each bill payer and their contribution into the funds, noting those reports go back to 2008.

Councilor Dominguez said these are donors that have contributed through the process in currently in place, not donors who have dropped a grant or something.

Mr. Drypolcher said this is correct. These are people who have contributed through the checkoff program on the utility bill.

Chair Calvert said then Mr. Drypolcher is working through the process and will contacting them, and telling them they have a choice.

Mr. Drypolcher said yes, noting they are working on logistics and how best to make that request, and how to make it really easy for them to respond.

Chair Calvert asked when that process will be complete.

Mr. Drypolcher said they hope to be able to get out a mailing with the next billing and start seeing the responses.

Chair Calvert asked if he could report back on the progress at the next meeting.

Mr. Drypolcher said he would hope to have a meaningful status report on how that process is working at the next quarterly report.

Chair Calver said if he able to complete it before that, he can schedule an update so we can move forward with any needed action.

Councilor Trujillo arrived at the meeting.

7. PNM RESPONSES TO QUESTIONS ASKED AT THE 08/07/13 PUC MEETING. (NICK SCHIAVO)

There were no questions regarding the information in the packet.

8. ANNEXATION STATUS UPDATE FOR PUBLIC UTILITIES DEPARTMENT: SOLID WASTE, WATER AND WASTEWATER. (CINDY PADILLA, NICK SCHIAVO AND BRYAN ROMERO)

Solid Waste

Ms. Padilla presented information regarding this matter from the Memorandum of September 4, 2013, which is in the Committee packet. Please see this Memo for specifics of this presentation.

The Committee commented and asked questions as follows:

Councilor Trujillo asked if there are any collection vehicles now in our fleet which we need to get rid of because of age/wear and tear, and if so, are we planning to place any of them any time soon.

Ms. Padilla said the 3 new vehicles for annexation aren't part of the rotation schedule, but they will be. She said they also will be looking at purchasing three new recycling trucks and two

other collection vehicles. She said none of the vehicles were moved from the fleet through placement, because the Solid Waste Management Study is in place and we're looking at that. She said once we have the full operations in annexation, we'll be able to retire two vehicles.

Councilor Trujillo asked if we are going to retire the vehicles or keep them.

Ms. Padilla said they are keeping them, noting their life expectancy of 5-7 years, and some of the units are around 7-8 years. She doesn't know how many hours on the vehicles. She said they have about 51 vehicles in the fleet. She said she will provide that information in the next report.

Councilor Trujillo said he wants to know the hours, mileage and the age of each vehicles, and Ms. Padilla said she will provide that.

Councilor Dominguez asked how much the Solid Waste Maintenance Worker will cost.

Ms. Padilla said about \$8,736 for the rest of this year. She said next year it would be approximately \$36,000. She said the tipping fees so far this year are \$37,698 so far this year, and the tipping fees were budgeted for this year and next year.

Councilor Dominguez said in her Memo, on page 2, Ms. Padilla says there are 690 residential customers, with anticipated monthly revenue of \$8,900, and she will add another 1,100 by November 1, 2013. He asked if the \$14,904 is inclusive of the \$8,900.

Mr. Padilla said it would be \$14,904 per month in addition to the \$8,900. She said she made calculations and the total anticipated revenues for the rest of the year, based on the new customers, would be about \$147,094.

Councilor Rivera said he met with a group of County residents already transitioned into City recycling and pickup, and said they were complimentary of the staff, and said they believe the transition will be smooth based on what Ms. Padilla's staff did, and thanked her for that.

Councilor Rivera said the letter that went out to the residents with an ENN notification helped as well, but he doesn't know who to thank on staff for that.

Ms. Padilla said that should go to Reed Liming, and Councilor Rivera asked Ms. Padilla to pass his thanks to Mr. Liming.

Ms. Padilla said Lawrence Garcia, the Project Administrator, has been very instrumental in the work on annexation, and should be thanked as well.

Chair Calvert asked when the Comprehensive Solid Waste Study will be done.

Ms. Padilla said it is hoped it will be completed by mid-December/January. She said she asked for an early report so she could provide a status report.

<u>Water</u>

Mr. Schiavo noted the City has transition about 800 customers to the County for water service, mostly west of #599, which was completed before the end of August, noting that the County has sent roughly 75 people for City services.

Councilor Dominguez asked about any unanticipated costs that weren't anticipated during negotiation.

Mr. Schiavo said not for the City. The County initially thought the City was using only one brand of water meter and in gearing up they purchased their version of the Firefly to read their meters. They had to stop part-way during the process and do a full assessment of the different meters the City has. However, the City hasn't had to spent any more money than we anticipated.

Councilor Dominguez asked if we have found any less than ethical distribution of water.

Mr. Schiavo they haven't found anything like that, noting there have been failures, and City crews went out to help them clean up that. The County is in the process of seeking approvals to install master meters, and once installed, the City will read those meters and bill the County for water and waste water based on those bulk rates. He said until that is done, they are taking the individual reading for each homeowner and working with the County to do a bulk rate billing for water and wastewater.

Councilor Rivera asked the reason the transition from the County to the City is much slower than the transition from the City to the County.

Mr. Schiavo said it is moving forward, reiterating we will get only 75 customers, and it is as equitable as it's going to get.

<u>Wastewater</u>

Mr. Romero reviewed the information in the Memorandum of September 4, 2013, which is in the Committee packet. Please see this Memorandum for specifics of this presentation.

Councilor Dominguez said then we're not producing less effluent, noting Mr. Romero said nothing has really changed.

Mr. Romero said the County is looking at putting a lift station as part of the TTMA or the Longford Homes Area, to pump to the Quill Plant [the Old State Pen Plant], and at that point the water would be taken from the system. There was also talk about Aldea going toward Las Campanas, which is another point where the water would be taken to another treatment plant. He said if they are still tied to our system, we are treating it and we have the beneficial use of the effluent.

Councilor Dominguez said he will wait until we get the study in October, commenting he wants to know more about what we're looking at.

Mr. Schiavo said the County would be doing the utility billing which would be factored into the administrative costs

Chair Calvert said it is important to remember, at some point, we wouldn't be maintaining the sewer lines out there, but we're still maintaining the lines once they come into the City.

Councilor Dominguez said his question is if all of this stuff is being considered in the study.

Mr. Romero said yes, it will be considered in the study, and we need to be sure the rates are defendable. He said it is understanding the approach from the analyst side. He said we need to listen to the analyst, because at the end we need to be sure we do it equitably and that it is defendable.

9. STAFF BRIEFING ON THE CITY OF SANTA FE'S ANNUAL WATER QUALITY REPORT (A/K/A EPA CONSUMER CONFIDENCE REPORT) PREPARED FOR CALENDAR YEAR 2012, PREPARED UNDER THE REQUIREMENTS OF THE SAFE DRINKING WATER ACT AND A REPORT ON CITY'S DRINKING WATER QUALITY TO DATE IN 2013. (ALEX PUGLISI) (Public Utilities Committee – 09/04/13)

A copy of the 2012 Water Quality Report, which was distributed to all City customers in the customer bills, is incorporated herewith to these minutes as Exhibit "1."

Alex Puglisi presented information regarding this matter from his Memo of August 26, 2013, which is in the Committee packet. Please see this document, and Exhibit "1" for specifics of this presentation. Mr. Puglisi noted the 2012 Water Quality Report is posted at the City's website.

Councilor Dimas asked if the City still is using the same amount of fluoride as we were one year ago, and if so, are we still using above the amount recommended by the federal government.

Mr. Puglisi said at the end of the last meeting, with respect to fluoride, the City Ordinance was left the same, and the City ordinance calls for 1.0 ppm of fluoride. He said we aren't anywhere near that left, and part of the reason is that were incidents at the BDD where fluoridation could not occur, and fluoridation at the well houses couldn't occur. He said we are very close to the recommended level, but because of circumstances throughout the year, we aren't exceeded the recommendation fluoridation level put out by the C.D.C. He said, "The answer is, yes, we're still working under the current City ordinance which calls for 0.08 up to 1.0, with a recommendation that we try to maintain it at 1.0."

Councilor Dimas said, "Then otherwise, we're okay."

Mr. Puglisi said that is correct.

Chair Calvert said he does believe the BDD is subject to the Ordinance, and Mr. Puglisi said this is correct.

Chair Calvert said it's up to the City when it mixes to try to get to the level specified in the Ordinance, but the Buckman probably is operating closer to the current federal guidelines

Mr. Puglisi said yes. He understands sometimes the level in the River is to close, that to adjust their feed equipment to the level necessary not to exceed that, is very difficult, so they just shut it down.

10. UPDATE ON CURRENT WATER SUPPLY STATUS. (VICTOR ARCHULETA)

Mr. Archuleta reviewed the information in the Committee packet. Please see the Weekly Water Report for specifics of this presentation.

Chair Calvert said basically the bulk of our water is coming from the Buckman Well Fields and Mr. Archuleta said that is correct.

Chair Calvert asked if the BDD has been shut down because of either turbidity or low water flow.

Mr. Archuleta said this is correct, noting they are off-line today because the turbidity is over 2,000 units, so it's pretty turbid water, noting they having difficulty treating the water.

CONSENT DISCUSSION

13. REQUEST FOR APPROVAL OF AWARD OF CONTRACT TO TLC PLUMBING AND UTILITY FOR THE CONSTRUCTION OF THE MAEZ ROAD WATER MAIN REPLACEMENT PROJECT – RFB NO. 14/03/B FOR THE TOTAL AMOUNT OF \$362,658.78, INCLUSIVE OF NMGRT. (DEE BEINGESSNER) Public Utilities Committee 09/04/13; Finance Committee 09/16/13; and City Council 09/25/13.

Councilor Rivera asked how many companies bid on this project.

Ms. Beingessner said she believes there were 6, but she doesn't have that information in front of her.

Councilor Rivera asked if TLC is a local vendor.

Ms. Beingessner said she believes it is out of Albuquerque.

Councilor Rivera asked if there were any Santa Fe bidders.

Ms. Beingessner said there were at least three local bidders.

Chair Calvert said TLC may now be considered local because it has offices in Santa Fe as well as in Albuquerque, and "not just a shingle somewhere, but I think they have an actual office.

Mr. Schiavo said this is correct

Ms. Beingessner said TLC did not file for the local preference, commenting they may be getting that approved prior to getting that discount.

Councilor Rivera said then TLC was the lowest bidder without the local preference.

Ms. Beingessner said yes.

Councilor Rivera asked the difference between TLC's bid and the closest Santa Fe Company.

Ms. Beingessner said, "It was very close. There were only a few thousand difference, and the second low bidder had a Veteran's Preference, and they were only \$2,000 more... however there was a large difference between the second lowest bidder and all the other bidders."

Councilor Rivera asked if the second low bidder was a Santa Fe Company.

Ms. Beingessner said she believes it was from Corrales, noting it did not get a local preference discount, only the Veteran's Preference Discount.

Councilor Rivera asked the difference between the one that won the bid and the closest Santa Fe Company.

Ms. Beingessner said it was about \$100,000, noting the other bids were closer to the Engineer's estimate which was about \$600,000, and they were significantly low – TLC and the other low bidder.

Councilor Rivera said he has similar questions for the next item. He asked in the future if staff would include information on who bid and the bid amount.

Chair Calvert said we have requested that information in the in the past, noting it will be provided for the Finance Committee, and asked staff to just go ahead and include that information in the packet for the PRC.

MOTION: Councilor Dimas moved, seconded by Councilor Rivera, to approve this request.

VOTE: The motion was approved unanimously on a voice vote.

14. REQUEST FOR APPROVAL OF BID NO. 14/07/B TO CIRCLE J TIRE COMPANY TO PURCHASE RETREAD TIRES, TIRE CASINGS, AND TIRE REPAIRS FOR ENVIRONMENTAL SERVICES DIVISION. (CINDY PADILLA) Public Utilities Committee 09/04/13; Finance Committee 09/16/13; and City Council 09/25/13.

Responding to Councilor Rivera, Ms. Padilla said 2 companies bid, Circle J., which is local and Redburn which is out of Albuquerque, noting staff reviewed all materials and it has been cleared with Purchasing.

Councilor Rivera asked in the future if staff would include information on who bid and the bid amount.

Chair Calvert reiterated that since this information will be provided for the Finance Committee, staff should just go ahead and include that information in the packet for the PRC – the summary of the process. MOTION: Councilor Rivera moved, seconded by Councilor Dimas, to approve this request.

VOTE: The motion was approved unanimously on a voice vote.

16. REQUEST FOR APPROVAL TO DISPOSE AND RECYCLE UNUSABLE METAL DUMPSTERS AND REMOVE FROM THE ENVIRONMENTAL SERVICES DIVISION ASSET LIST. (CINDY PADILLA) Public Utilities Committee 09/04/13; Finance Committee 09/16/13; and City Council 09/25/13.

Councilor Rivera said there is an auction coming up this weekend at the State Police, and asked the reason these items weren't sent to auction to get the highest bid for them.

Mr. Padilla understands this year's auction is for vehicles only, as well as the fact that these dumpsters aren't usable, and would have to be repaired and welded, and it would be better for us to recycle them.

Councilor Rivera asked if there is value to them.

Ms. Padilla said yes, less than \$3,000.

Councilor Rivera said because there is value to them, he would be more comfortable if we went through a process where scrap companies could bid on them or put together a proposal to see how much in value we could get for them, instead of us just picking a particular vendor and going with that which doesn't appear to be a good way to go in his opinion. He said there also is a County auction off #599, and they have a lot of different kinds of materials, and not just vehicles, although he doesn't know if that is an option as well.

Councilor Trujillo said the trend right now in the State, County and City is to go to on-line auctioning, noting he has spoken with Robert Rodarte about this and understands the City is looking at this. He said instead of having bidders only from New Mexico, Texas and Arizona, this would provide a wider range throughout the country. He said the successful bidder will come and pick up the item, which is a lesser cost for the City. He said the City could have its own auctions in the City next year.

Councilor Rivera said that goes back to his point that we need to make it available to a wider group to get the most money out of it, rather than just recycling with Capital Scrap.

Councilor Trujillo said he agrees. However, he doesn't know the condition of the dumpsters, commenting if they aren't in good shape, the City won't get that much for them.

Ms. Padilla said she has inspected most of the dumpsters, and most of them are rotted out at the bottom, some are damaged and are unusable. She said Capital Scrap Recycle is the only large scale metal recycler in Santa Fe. She said they certainly can go out to bid, or look to see what other companies would available and would be willing to take them, reiterating that the condition of the dumpsters is way beyond their useful life.

Councilor Rivers said maybe the result would be the same, but he would like to do this for purposes of transparency.

Chair Calvert said in the future, Ms. Padilla should coordinate with Robert Rodarte in purchasing to see what the City is doing in general with these kinds of things. He said for certain things, the on-line auction might be good. However, these are very heavy and if they have to be transferred too far, and the cost of transportation would be prohibitive. He reiterated that Ms. Padilla should coordinate with Mr. Rodarte ahead of time with whatever policy the City has in place, so we are following the appropriate procurement rules.

Councilor Dominguez said he and Councilor Rivera have been working with Sidewalk Angels, a group in Tierra Contenta that is cleaning-up the area. He said they have asked for a dumpster, and asked what is the protocol in getting them a dumpster.

Ms. Padilla said she will look into how to do that. She said her question is who would service it.

Councilor Dominguez said they are anticipating collecting a lot of debris. He frequently gets calls from residents asking for a dumpster so people don't dump in the open space.

Chair Calvert asked to hold onto that request until we get to matters from the Committee.

MOTION: Councilor Rivera moved, seconded by Councilor Dominguez, to postpone this item to the next meeting of the Committee, to send this back to Purchasing for the appropriate disposition of these items, and that it come back to this Committee when that has been decided.

CLARIFICATION BY CHAIR PRIOR TO SECOND: Chair Calvert said this item will go to the Finance Committee on September 16, 2013, and the City Council on September 25, 2013, and asked, if that information could be provided at both the Finance Committee and the City Council, if we could move this item forward. Councilor Dominguez said he would support that, but since Councilor Rivera doesn't sit on Finance, we need to make sure he gets that information. Chair

Calvert said the information will provided to whomever wants it when Finance gets that information, and asked Councilor Rivera if that would be okay.

RESPONSE BY THE MAKER: Councilor Rivera said his heartache with it is that it names a specific recycling firm or company, and there was no process.

Chair Calvert said if Ms. Padilla consults with Mr. Rodarte and he thinks there needs to be a process, then we can do that. However, if Mr. Rodarte thinks this is in compliance with current proper practice, then perhaps we can continue to move it forward.

Responding to Councilor Trujillo, Ms. Padilla said there are approximately 50 dumpsters, noting this isn't a time sensitive issue, so they can do either one, noting it is time sensitive in terms of the amount of storage at the yards. She can bring it forward in October, and if they go to Finance, she can meet with Mr. Rodarte tomorrow with regard to whether this is appropriate, and if so, then we're okay with one vendor. She said if Mr. Rodarte wants it bid, it can be removed from Finance and put out to bid.

Chair Calvert noted this Committee meets only once a month, and it would be mid-October before it can move forward, but this is Councilor Rivera's choice.

Councilor Rivera said since it isn't time sensitive, he would prefer to wait.

VOTE: The motion was approved unanimously on a voice vote.

DISCUSSION AND ACTION ITEMS

There were no discussion and action Items.

MATTERS FROM THE PUBLIC

There were no items from the public.

MATTERS FROM THE CITY ATTORNEY

There were no matters from the City Attorney.

ITEMS FROM STAFF

There were no items from staff.

MATTERS FROM THE COMMITTEE

Councilor Dominguez asked Ms. Padilla to find out what would be involved in providing a dumpster for the cleanup work being done by the Angels.

Chair Calvert suggested using the model which currently happens when the Fire Department crew goes out and helps people thin around their homes and in their neighborhood. He said Environmental Services Division provides a dumpster once all of this stuff has been accumulated, and once filled, the Environmental Services picks it up. However, it would be a temporary situation only and on an as needed basis.

Councilor Dominguez said he understands, and he is asking for that information to see if it is possible, so he can provide those options to his constituents.

Ms. Padilla said she is happy to meet with them to see what they want, noting this is scheduled in the cost of service in special cleanups. She said they are concerned about putting dumpsters in unstaffed or open spaces, is they quickly become an illegal dumping site, so they get full anyway. She said they are willing to do something which they control and monitor.

Councilor Dominguez said he will coordinate this effort from Ms. Padilla, reiterating it is a request from the constituency.

Chair Calvert asked if there is a cleanup coming up soon.

Ms. Padilla said the fall cleanup is Saturday, September 27, 2013. They will be signing people up 7:00 a.m. to a.m., at the Siler Road facility, noting they will provide bags, gloves and tee-shirts.

Councilor Trujillo commented he was at the Railyard this weekend for the Boys and Girls Club and Zozofest, and he was amazed at the number of plastic bottles. He said there weren't many bins out there, and he asked if we can put out more bins. Ms. Padilla said they are in the process of changing out the blue recycling bins, noting Parks would be servicing the containers in the Park. She said Environmental Services can help at the Railyard, but they don't have a lot of manpower working on the weekends.

Councilor Trujillo asked why the trash and recycling bins can't be next to each other.

Ms. Padilla said they should be so, and she will look into it to see that gets done.

Chair Calvert asked how well it is working with the athletic leagues cleaning after events.

Ms. Padilla said she has been in contact with Parks and they're putting together language on what to recycle, when to recycle, noting they are working on the flyer to be handed out to the Leagues next year.

Councilor Rivera understood the Historic Districts Review Board had approved the recycle binds for the Plaza and that those should be on the Plaza by the end of September, and thanked Ms. Padilla for her role in getting that done.

Ms. Padilla said they have been thinking about a ribbon-cutting, or some kind of media event, and will keep the Committee informed, and would love to have the PUC help with that.

NEXT MEETING: WEDNESDAY, OCTOBER 2, 2013

ADJOURN

There was no further business to come before the Committee and the meeting was adjourned at approximately 6:10p.m.

Calvert.

Melessia Helberg, Sterlog

PUBLIC UTILITIES COMMITTEE Meeting: September 4, 2013

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City of Santa Fe Water Division P.O. Box 909, Santa Fe, NM 87504 Customer Service (505) 955-4333 Administration (505) 955-4202

2012 Water Quality Report

The City of Santa Fe's Water Division (the City) is pleased to provide the 2012 Water Quality Report. A safe and dependable water supply is vital to our community and is the primary mission of the City. This report is provided annually and contains information on the quality of water obtained throughout the calendar year. In 2012, the City's drinking water met all U.S. Environmental Protection Agency (EPA) and State drinking water quality limits. The report contains additional details about where your water comes from, what it contains, and how it compares to standards set by federal and state regulatory agencies. It also provides educational information on contaminants which may be a concern.

Sources of Supply

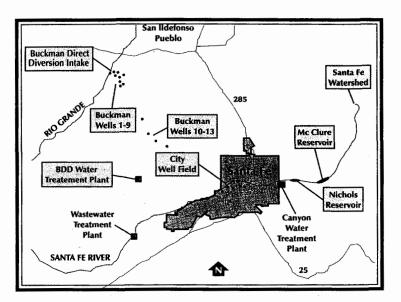
The City was served by four distinct sources of supply in 2012. The 17,000 acre Santa Fe Watershed provides surface runoff to the Santa Fe River where it is stored in the McClure and Nichols Reservoir prior to treatment. Surface water from the Santa Fe River and Rio Grande is treated through conventional and advanced treatment processes at the Canyon Road Water Treatment Plant and Buckman Regional Water Treatment Plant (BRWTP), respectively. The City Well Field is mostly located in close proximity to the Santa Fe River and consists of 8 active wells located within the City limits of Santa Fe. The Buckman Well Field consists of 13 wells located near the Rio Grande, approximately 15 miles northwest of Santa Fe. All four sources are treated with chlorine which is used for disinfection and pathogenic microorganism removal. Fluoride is added to the water supply to benefit the community as recommended by public health professionals.

In 2011, the Buckman Direct Diversion (BDD) Project surface water supply was successfully integrated into the municipal distribution system and operated in conjunction with the City's pre-existing sources of supply throughout 2012. The surface water treated at the BRWTP is taken directly from the Rio Grande. BDD not only improves sustainability for the area but also increases the City's resilience under drought conditions, replacing current groundwater pumping that cannot be sustained, and making the City's wells available as drought and emergency reserves rather than sources used to meet daily water demands.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Map of Water Sources



Source Water Assessment and Availability

The New Mexico Environment Department (NMED) completed a Source Water Assessment for the City of Santa Fe. This assessment includes a determination of source water protection areas and an inventory of pollution sources within the areas of concern. NMED concluded: "The Susceptibility Analysis of the City of Santa Fe water utility reveals that the utility is well maintained and operated, and the sources of drinking water are generally protected from potential sources of contamination based on an evaluation of the available information. The susceptibility rank of the entire water system is **"moderately low"**. A copy of the Assessment is available by contacting NMED at 505-476-8638.

City ordinances adopted in 2005 built upon the recommendations in the Source Water Assessment. The "Safe Drinking Water and Source Water Protection" and the "Stormwater Illicit Discharge Control" ordinances provide additional controls and protections for the City's ground and surface water supplies. In addition, the City established a Stormwater Program with the goal of reducing pollutant discharged to the Santa Fe River. Please contact 955-5644 to report illegal dumping in storm drains, streets and arroyos.

En Espanol

Este reporte contiene informacion importante sobre la calidad del agua en Santa Fe Si tiene alguna pregunta o duda sobre este reporte puede hablarle a Victor Archuleta al telephono 505-955-4370.

Ethilit ""

City of Santa Fe 2012 Water Quality Table

Regulated Compliance Monitoring

| Contaminant | Units | MCL | MCLG | City Well Field | Sample Date | Buckman Tank ^e | Sample | Canyon Baad MCD | Sample | Buckman WTP | Sample | Violation | Typical Source |
|---|--------------|-----------------------|------|-----------------------|----------------|------------------------------|-------------|--------------------|-----------------|----------------|------------|-----------|---|
| Inorganic Contaminants | | | | Field | Date | Tank | Date | Road WTP | Date | WIF | . Date | | |
| Arsenic | ррЬ | 10 | 0 | 4.6 | 18-May-11 | 1.6 | 17-jun-11 | ND | 07-Mar-12 | ND | 12-Apr-12 | No | Erosion of natural deposits; Runoff from Runoff from glass and electronics produc |
| Barium | ppm | 2 | 2 | 0.8 | 24-Aug-11 | 0.073 | 17-jun-11 | 0.0076 | 07-Mar-12 | 0.039 | 12-Apr-12 | No | Discharge from drilling wastes. Discharg metal refineries. Erosion of natural dep |
| Flouride | ppm | 4 | 4 | 0.18 (0.13 - 0.18) | 18-May-11 | 0.25 | 17-jun-11 | 0.13 | 07-Mar-12 | 0.22 | 12-Apr-12 | No | Erosion of natural deposits. Water addi promotes strong teeth. Discharge from and aluminum factories. |
| Selenium | ppb | 50 | 50 | 1.7 (1.1-1.7) | 6-May- | ND | 7-jun- } | ND | 07-Mar-12 | ND | 12-Apr-12 | No | Discharge from steel/metals factories; Discharge from plastic and fertilizer fac |
| Nitrate [as N] | ppm | 10 | 10 | 7.1 (2.6-7.1) | 03-May-12 | ND | 03-May-12 | ND | 07-Mar-12 | ND | 12-Apr-12 | No | Runoff from fertilizer use. Leaching from tanks, sewage. Erosion from natural dep |
| Radioactive Contaminants (Comp | liance perio | d 2011 to 201 | 3) | | | | | | | | | | |
| Gross Alpha Emitters | PCi/L | 15 | 0 | 1.1 | 09-Aug-12 | 1.3 | 16-Jun-11 | 0.9 | 16-jun-11 | 0.9 | 30-Nov-11 | No | Erosion of natural deposits. |
| Gross Beta/Photon Emitters | PCi/L | 50ª | N/A | ND | 09-Aug-12 | 2.4 | l 6-Jun-l t | 2.6 | 16-jun-11 | 2.6 | 30-Nov-11 | No | Decay of natural and man-made depos |
| Radium 226/228 | PCi/L | 5 | 0 | 0.45 | 09-Aug-12 | 0.18 | l 6-Jun-l I | ND | 16-jun-11 | 0.02 | 30-Nov-11 | No | Erosion of natural deposits. |
| Uranium | ppb | 30 | 0 | ND | 09-Aug-12 | ND | 16-Jun-1 i | I | 16-Jun-11 | ł | 30-Nov-11 | No | Erosion of natural deposits. |
| Surface Water Contaminants | | | | | | | · · · · | | | | · | | |
| Turbidity ^c (highest single measurement) | NTU | TT=0.3 | 0 | NA | NA | NA | NA | 1.6 | Continuous | 0.99 | Continuous | No | Soil Runoff |
| Turbidity ^c (lowest monthly % meeting limits) | NTU | TT=% <0.3 NTU | 0 | NA | NA | NA | NA | 99.4% | Continuous | 99.3% | Continuous | No | Soit Runoff |
| Toatl Organic Carbon (TOC) | ppm | ∏ (35% 45% Removal | NA | NA | NA | NA | NA | 39% to 70% removal | Monthly in 2012 | NA | NA | No | Naturally present in the environ |

Notes:

a. EPA considers 50 pCi/L to be the level of concern for beta particles.

b. The City complies with alternative compliance criteria to meet TOC removal requirements.

c.Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system.

d. City well field: Alto, Auga Fria, Ferguson, Osage, Santa Fe, St. Michael & Torreon.

e. Buckman wells 1-13 and Northwest well.

Key to Units, Terms and Abbreviations

NA: Not Applicable

ND: Not Detected

NR: Not Reported

NTU: Nephelometric Turbidity Units

ppm: parts per million, or milligrams per liter (mg/l)

ppb: parts per billion, or micrograms per liter (ug/l)

pCi/I: picocuries per liter (a measure of radioactivity)

TT: A Treatment Technique standard was set instead of an Maximum Contaminant Level

(value 1 - value 2) Ranges contained in brackets represent the highest and lowest values observed to date during the regulatory compliance period. A range of values from low to high is not reported if only one sample has been taken for the compliance period currently in effect.

Why are there Contaminants in my Drinking Water?

Sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants in drinking water may include:



Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic contaminants, such as salts and metals can be naturally-occurring or result from urban storm-water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides, may come from a variety of sources, such as agriculture, urban storm-water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants, which can be naturally occurring, man-made from nuclear facilities and atmospheric deposition from former above ground testing, or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Nitrates

City of Santa Fe drinking water meets the federal drinking water standard of 10 ppm for nitrates. Nitrates have been detected in some of the City Wells above 5 ppm. Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause



blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.

Arsenic

The drinking water standard for arsenic is 10 μ g/l. The City's drinkin water met this standard throughout 2012. Arsenic occurs naturally i the earth's crust. When these arsenic-containing rocks, minerals, an soil erode, they release arsenic into ground water. While our drinkin water meets EPA's standard for arsenic, it does contain low levels c arsenic. EPA's new standard balances the current understanding c arsenic's possible health effects against the costs of removing arsenic fror drinking water. EPA continues to research the health effects of low level of arsenic, which is a mineral known to cause cancer in humans at hig concentrations and is linked to other health effects such as skin damagand circulatory problems.

Voluntary Monitoring

EPA has established secondary maximum contaminant levels (SMCL). Secondary standards are non-enforceable standards that serve as guidelines to assist public water systems in managing their drinking water. The presence of these contaminants typically results from the erosion of natural deposits. Aluminum and manganese containing materials are used as treatment aids in the water treatment process.

Samples for voluntary monitoring at BRWTP are taken at the point of entry of water into the City's distribution system. As such, the reported concentrations of contaminants may be further diluted in the distribution system through mixing with water from other City sources.

In cooperation with Los Alamos National Laboratory (LANL) and the New Mexico Environment Department, the City currently monitors Buckman Wells 1, 6 and 8 for LANL derived contamination. Samples are analyzed for radionuclides, general inorgainc chemicals, metals, high explosives and organics. The results indicate detectable levels of radionuclides associated with natural sources. No Laboratory-derived radionuclides were detected in 2011. Repeat sampling since 2001 indicates Laboratory-derived radionuclides are not present in the Buckman Wells 1, 2, 6 and 8. These wells are part of the 13 wells that make-up the Buckman Wellfield. When required, water from these wells is delivered to the 10 million gallon Buckman Tank prior to distribution into the system.

Results of Recent Voluntary Testing at Buckman RWTP

| Contaminant | Units | MCL | MCLG | Buckman RWTP | Violation |
|------------------|-------|--------|------|---------------------------|-----------|
| Barium | ppm | 2 | 2 | 0.061 (0.042-0.061) | No |
| Copper | ррт | AL=1.3 | 1.3 | 0.0031 (0.0014-0.0031) | No |
| Chlorobenzene | ppb | 100 | 100 | 0.011 (ND-0.011) | No |
| Ethylbenzene | ppb | 700 | 700 | 0.011 (ND-0.011) | No |
| Flouride | ppm | 4 | 4 | 0.32 (0.21-0.32) | No |
| Toluene | ррт | I | I | 0.000071 (ND-0.000071) | No |
| Xylenes (Total) | ppm | 10 | 10 | 0.000529 (ND-0.000529) | No |
| Trichloroethlene | ppb | 5 | 5 | 0.06 (ND-0.06) | No |
| Lead | ppm | AL=15 | 0 | 0.00021 (ND-0.00021) | No |
| Nitrate (as N) | ppm | 10 | 10 | 0.17 (0.058-0.17) | No |

| Contaminant | Secondary Standard | Buckman RWTP |
|------------------------|--------------------|-----------------------------|
| Aluminum | 0.05 to 0.2 mg/L | 0.015 (0.0109-0.015) |
| Chloride | 250 mg/L | 31 (22-31) |
| Copper | 1.0 mg/L | 0.003 Í (0.0014-0.003 l) |
| Fluoride | 2.0 mg/L | 0.32 (0.21-0.32) |
| Manganese | 0.05 mg/L | 0.0049 (0.002-0.0049) |
| рН | 6.5-8.5 | 8.02 (7.74-8.02) |
| Sulfate | 250 mg/L | 46 (36-46) |
| Sodium | NA | 20 |
| Total Dissolved Solids | 500 mg/L | 233 (193 - 223) |

| Voluntary and Other Radiological Monitoring at BRWTP | | | | | | | |
|--|---------------------|--------------------------|--|--|--|--|--|
| Contaminant | Unit of Measurement | Buckman RWTP | | | | | |
| Americium-241 | pCi/L | 0.326 (ND - 0.326) | | | | | |
| Strontium-90 | pCi/L | 0.12 (ND - 0.12) | | | | | |
| Tritium | pCi/L | 37 (ND - 37) | | | | | |
| Uranium-234 | pCi/L | 0.352 (0.099 - 0.352) | | | | | |
| Uranium-238 | pCi/L | 0.17 (ND - 0.17) | | | | | |

Accomplishments and achievments in 2012:

- Prepared and distributed the Safe Drinking Water Act-Consumer Confidence Report 2011
- State approval of City Stage 2 Disinfection By-Products Plan
- 100% response to customer contacts to water quality concerns
- Revision and approval of City Triggered Source Water Monitoring Plan
- Reclassification of the Santa Fe River and storage reservoirs
- 100% compliance to regulatory water samples
- Continued excellent working relationship with LANL and NMED
- Created and promoted through the PUC Council, community outreach with Dental Month in February 2013 with Santa Fe Oral Health Coalition
- Review of Arsenic monitoring/removal from the Buckman Well Fields
- 2 members of the Environmental Compliance Team elected on the Governing Board of the State Municipal League, Environmental Quality Association Board
- City participated in the review and completion of the NMED Drinking Water Regulation
- Produced 2,600 AF (acre feet) of renewable and safe surface water
- Maintained integrated water system operation with City and BDD sources
- Received a satisfactory report from OSE in the operation and maintenance of the Santa Fe River Dams

Future Goals and Projects:

- Revision and acceptance of Total Maximum Daily Loads with NMED
- Painting and maintenance improvements to storage tanks
- Complete design and construction of Buckman Well field parallel pipe line
- Improve and increase system capabilities through installation of new capital improvements

Cryptosporidium

Cryptosporidium is a protozoan parasite that is common in surface waters. The oocyst is the transmission stage of the organism. Cryptosporidium is introduced into our source waters via wild animal populations. Although the organism is readily removed by the conventional treatment process utilized at the Canyon Road Water Treatment facility, the oocyst is



resistant to chemical disinfectants like chlorine and the primary reason t determine if additional treatment is required. Ingestion of Cryptosporidiur may cause cryptosporidiosis, an abdominal infection.

In April 2007 the City began a two-year study to determine the averag Cryptosporidium concentration in source water entering the Canyo Road Water Treatment facility. The sampling portion of the study wa completed in March of 2009. The study is part of the requirement contained in the 2006 USEPA Long-Term Enhanced Surface Wate Treatment Rule.

Cryptosporidium was detected in a single untreated sample in each of th following months: December of 2007, September 2008 and Octobe 2008. The highest 12-month consecutive mean for this study wa 0.018 oocysts/L. Since the concentration is <0.075 oocysts/L, n additional treatment at the Canyon Road Water Treatment Facility wi be required.

Any new water system treating surface water such as BDD is required to monitor cryptosporidium for 24 consecutive months. At the BDD th untreated raw Rio Grande water cryptosporidium test results range from 0 to 0.4 oocysts/L.

Microbial and Disinfection Byproducts Rule

The Microbial and Disinfection Byproducts Rules (MDBPs) is a set c interrelated regulations that address risks from microbial pathogens and disinfectants/disinfection byproducts (DBPs). The rule focuses on publihealth protection by limiting exposure to DBPs (known carcinogens) specifically total trihalomethanes (TTHM) and five haloacetic acid (HAA5), which can form in water through disinfectants used to contrc microbial pathogens.

In previous years the City selected sampling locations that distinguished between production sources and thus, samples from distribution could be referenced back to a particular source. During 2012 however sources were mixed throughout the year and therefore samples are more representative of the water system as a whole, rather than by an individue source.

| | MCL | MCLG | Sample Date | Rang | e 2012 | Typical Source |
|---|-----|------|----------------|----------|---------------|--|
| Haloacetic Acids (HAA5s) | 60 | NA | 14-Nov 2012 | Low 0 | High 29.45 | By-product of drinking water chlorination |
| Total Trihalo- methane (TTHMs) | 80 | NA | 14-Nov 2012 | Low 0 | High 43.21 | By-product of drinking water chlorination |

Lead and Copper Sampling

Tests for lead and copper are taken from customer taps located throughout the City once every three years. The most recent round of lead and copper testing took place in August 2012. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing.

| Inorganic Contaminants | MCLG | | City Water Levels (90 th percentile)* | # of Sample <al< th=""><th>Sample Date</th><th>Exceeds AL</th><th>Typical Source Erosion of natural deposits;</th></al<> | Sample Date | Exceeds AL | Typical Source Erosion of natural deposits; |
|---------------------------|------|------|---|--|----------------|---------------|---|
| Copper (ppm) | J.3 | 1.3 | 0.70 | 31 | August 2012 | No | Corrosion of household plumbing systems. |
| Inorganic Contaminants | MCLG | AL** | City Water Levels (90 th percentile)* | # of Sample <al< th=""><th>Sample Date</th><th>Exceeds AL</th><th>Typical Source Corrosion of household plumbing.</th></al<> | Sample Date | Exceeds AL | Typical Source Corrosion of household plumbing. |
| Lead (ppb) | o | 15 | 7.7 | 31 | August 2012 | No | Erosion of natural deposits. |

*Results of monitoring are used to determine the concentration at the 90^m percentile (e.g., if 100 samples analyzed, the concentration at the 90^m highest sample). Based on the number of samples analyzed in 2012 the 90^m percentile is the 28^m sample.

** AL = Action Level

Contacts for Additional Information

If you have any questions, comments, or suggestions regarding this report please contact Brian Snyder at 955-4201 or write to the address on page 1.

- City of Santa Fe Billing Information and Customer Service 955-4333
- City Water Quality Issues 955-4232 Alex Puglisi
- New Mexico Environment Department Drinking Water Program (877) 654-8720
- Environmental Protection Agency Safe Drinking Water Hot Line (800) 426-4791
- New Mexico Environment Department http://www.nmenv.state.nm.us
- Environmental Protection Agency www.epa.gov/safewater
- U.S. Geological Survey http://nm.water.usgs.gov
- Center for Disease Control http://www.cdc.gov
- City of Santa Fe's Website www.santafenm.gov
- Buckman Direct Diversion www.bddproject.org



Important Drínkíng Water Definítíons

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. Maximum Contaminant Level Goal



(MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

TT: Treatment Technique, a required process intended to reduce the level of a contaminant in drinking water.

AL: Action level: The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

ppm: parts per million or milligrams per liter (mg/l) ppb: parts per billion or micrograms per liter (µg/l)

2012 City of Santa Fe Water Quality Table

The table on the following page lists contaminants which:

- Have associated primary Maximum Contaminant Levels (MCLs) that are regulated and;
- Were detected in testing conducted by the City and New Mexico Environment Department. Contaminants were detected at or above detection limits established by the USEPA in calendar year 2012 or the most recent test if a sample was not analyzed up to 2012.

The compounds detected represent a small fraction of the substances that SDCW tested for. Testing is required for over 80 contaminants. The EPA requires monitoring for certain contaminants less than once per year because the concentrations are not expected to vary significantly from year to year. In the Water Quality Table we include the result of any contaminant found during compliance monitoring in 2012. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily indicate that water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791), or visiting www.epa.gov/safewater.