

## Guy Bralley

**From:** Guy Bralley  
**Sent:** Friday, November 07, 2008 4:34 PM  
**To:** jmay@pd.com; 'Larry.walker@reebusiness.com'  
**Subject:** UPDATE FW: RFQ / RFP questions

I have been informed that I have neglected to include the web-site for NMFA. The website for NMFA is my.nmfa.net (see red high lighted part in answer 5 below. This is what was missing from the original message). This will get you the login and password blocks mentioned in 5 below.

Sorry for the confusion.

Guy

---

**From:** Guy Bralley  
**Sent:** Friday, November 07, 2008 2:50 PM  
**To:** 'JoAnne.Barnett@wilsonco.com'; 'Brad Simons'; 'sdevine@dbstephens.com'; 'Tempest, Daniel'; 'Harish Arora'; 'kcowham@bhinc.com'; 'Gloria Hernandez'; 'glee@uam-llc.com'; 'Adam Pavlicek'; 'House, Steve'; 'Jane O. Winkler'; 'Jesse May'  
**Cc:** 'mspringfield@sandovalcounty.com'; 'dross@sandovalcounty.com'; 'kromero@sandovalcountynm.gov'  
**Subject:** RFQ / RFP questions

In an attempt to clear out the easy questions from the submitted lists, I am replying early to the ones I can (at this point in time). The others will be addressed as soon as I can confirm the answers.

Hope this is of some assistance to you. I hope to get the rest of the answers out by Monday sometime.

Thanks for your interest in the project.

In no particular order, the following questions are answered:

1. ...clarify whether an Engineering Fee Proposal is required to be submitted with the Proposal  
Answer: not required
2. Does the 3 page Campaign Contribution Disclosure Form count against the 30 page limitation...  
Answer: no it does not (you might attach it as an appendix)
3. Are resumes to be included in the page count or may they be placed in a appendix?  
Answer: Submit resumes if desired. If submitted they may be in an appendix, and will not count against the 30 page limitation. (This is not a green light for submitting 500 pages of appendices to your response ☺)
4. ...a list of firms considering this project?  
Answer: I am going to cut / past the address block above (some of you may not see it all) into the space below. Some of the recipients of this may not be principals companies; I believe one may be a service with customers who may be bidders, so I don't know who all of them are. This is the best I can do in this regard.

JoAnne.Barnett@wilsonco.com; Brad Simons; sdevine@dbstephens.com; Tempest, Daniel; Harish Arora; kcowham@bhinc.com; Gloria Hernandez; glee@uam-llc.com; Adam Pavlicek; 'House, Steve'; 'Jane O. Winkler'; 'Jesse May'

5. To see the most recent application to the Water Trust Board:  
Answer: log into the following website my.nmfa.net . At the login, enter the following into the Email block

Answer: Submit resumes if desired. If submitted they may be in an appendix, and will not count against the 30 page limitation. (This is not a green light for submitting 500 pages of appendices to your response ☺ )

4. ...a list of firms considering this project?

Answer: I am going to cut / past the address block above (some of you may not see it all) into the space below. Some of the recipients of this may not be principals companies; I believe one may be a service with customers who may be bidders, so I don't know who all of them are. This is the best I can do in this regard.

JoAnne.Barnett@wilsonco.com; Brad Simons; sdevine@dbstephens.com; Tempest, Daniel; Harish Arora; kcowham@bhinc.com; Gloria Hernandez; glee@uam-llc.com; Adam Pavlicek; 'House, Steve'; 'Jane O. Winkler'; 'Jesse May'

5. To see the most recent application to the Water Trust Board:

Answer: log into the following website [my.nmfa.net](http://my.nmfa.net) . At the login, enter the following into the Email block [REDACTED]; in the password block, enter [REDACTED] (and log in). When you get to the next screen click on Accepted Applications; the record you will get (there is only one under that tab) will be the submittal. Don't bother with any records under the Saved Applications tab (it is beyond me to explain what that is doing, and there is no useful data on those forms. They seem to be artifacts created every time we accessed the site; they filled in the sending log-in as the primary contact person and then took no more data.).

6. ...inventory of the studies conducted and the reports produced related to the overall project to date

Answer: at the end of the Water Trust Board application there are .pdf and .doc files attached. Most of what you may be looking for may be found there. Some of the reports are in several sections, so to see the whole thing you may have to print individually and re-assemble them.

I hope this information helps get you started. Some of the other questions will require me to do some more work / time. I hope to have them to you by Monday. I am sure the un-answered question may be the most critical to you, so I'll get on them.

Let me know if you have trouble accessing the files.

Have a good weekend.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

## Guy Bralley

---

**From:** Guy Bralley  
**Sent:** Friday, November 07, 2008 4:18 PM  
**To:** JoAnne.Barnett@wilsonco.com; bsimons@oaconsulting.com; sdevine@dbstephens.com; Tempest, Daniel; kcowham@bhinc.com; Harish Arora; Gloria Hernandez; glee@uam-llc.com; Adam Pavlicek; Steve.House@aecom.com; JWinkler@molzencorbin.com; JMay@pd.com  
**Subject:** UPDATE to RFP Questions / Answers

I have been informed that I have neglected to include the web-site for NMFA. The website for NMFA is my.nmfa.net (see red high lighted part in answer 5 below. This is what was missing from the original message). This will get you the login and password blocks mentioned in 5 below.

Sorry for the confusion.

Guy

**From:** Guy Bralley  
**Sent:** Friday, November 07, 2008 2:50 PM  
**To:** 'JoAnne.Barnett@wilsonco.com'; 'Brad Simons'; 'sdevine@dbstephens.com'; 'Tempest, Daniel'; 'Harish Arora'; 'kcowham@bhinc.com'; 'Gloria Hernandez'; 'glee@uam-llc.com'; 'Adam Pavlicek'; 'House, Steve'; 'Jane O. Winkler'; 'Jesse May'  
**Cc:** 'mspringfield@sandovalcounty.com'; 'dross@sandovalcounty.com'; 'kromero@sandovalcountynm.gov'  
**Subject:** RFQ / RFP questions

In an attempt to clear out the easy questions from the submitted lists, I am replying early to the ones I can (at this point in time). The others will be addressed as soon as I can confirm the answers.

Hope this is of some assistance to you. I hope to get the rest of the answers out by Monday sometime.

Thanks for your interest in the project.

In no particular order, the following questions are answered:

1. ...clarify whether an Engineering Fee Proposal is required to be submitted with the Proposal  
Answer: not required
2. Does the 3 page Campaign Contribution Disclosure Form count against the 30 page limitation...  
Answer: no it does not (you might attach it as an appendix)
3. Are resumes to be included in the page count or may they be placed in a appendix?  
Answer: Submit resumes if desired. If submitted they may be in an appendix, and will not count against the 30 page limitation. (This is not a green light for submitting 500 pages of appendices to your response ☺)
4. ...a list of firms considering this project?  
Answer: I am going to cut / past the address block above (some of you may not see it all) into the space below. Some of the recipients of this may not be principals companies; I believe one may be a service with customers who may be bidders, so I don't know who all of them are. This is the best I can do in this regard.

JoAnne.Barnett@wilsonco.com; Brad Simons; sdevine@dbstephens.com; Tempest, Daniel; Harish Arora; kcowham@bhinc.com; Gloria Hernandez; glee@uam-llc.com; Adam Pavlicek; 'House, Steve'; 'Jane O. Winkler'; 'Jesse May'

5. To see the most recent application to the Water Trust Board:

[REDACTED]. When you get to the next screen click on Accepted Applications; the record you will get (there is only one under that tab) will be the submittal. Don't bother with any records under the Saved Applications tab (it is beyond me to explain what that is doing, and there is no useful data on those forms. They seem to be artifacts created every time we accessed the site; they filled in the sending log-in as the primary contact person and then took no more data.).

6. ...inventory of the studies conducted and the reports produced related to the overall project to date  
Answer: at the end of the Water Trust Board application there are .pdf and .doc files attached. Most of what you may be looking for may be found there. Some of the reports are in several sections, so to see the whole thing you may have to print individually and re-assemble them.

I hope this information helps get you started. Some of the other questions will require me to do some more work / time. I hope to have them to you by Monday. I am sure the un-answered question may be the most critical to you, so I'll get on them.

Let me know if you have trouble accessing the files.

Have a good weekend.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

Answer: log into the following website my.nmfa.net . At the login, enter the following into the Email block [REDACTED] ; in the password block, enter [REDACTED] . When you get to the next screen click on Accepted Applications; the record you will get (there is only one under that tab) will be the submittal. Don't bother with any records under the Saved Applications tab (it is beyond me to explain what that is doing, and there is no useful data on those forms. They seem to be artifacts created every time we accessed the site; they filled in the sending log-in as the primary contact person and then took no more data.).

6. ...inventory of the studies conducted and the reports produced related to the overall project to date  
Answer: at the end of the Water Trust Board application there are .pdf and .doc files attached. Most of what you may be looking for may be found there. Some of the reports are in several sections, so to see the whole thing you may have to print individually and re-assemble them.

I hope this information helps get you started. Some of the other questions will require me to do some more work / time. I hope to have them to you by Monday. I am sure the un-answered question may be the most critical to you, so I'll get on them.

Let me know if you have trouble accessing the files.

Have a good weekend.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

## Guy Bralley

**From:** Gary Lee [glee@uam-llc.com]  
**Sent:** Friday, November 07, 2008 3:05 PM  
**To:** Guy Bralley  
**Subject:** RE: RFQ / RFP questions  
**Attachments:** image001.gif

Thanks for the information.

**Gary M. Lee, P.E., President**  
**Universal Asset Management, LLC**

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Main Office Number: 816-887-4008  
Direct Line Number: 816-887-4016  
Cell Phone Number: 816-805-3546  
Fax Number: 816-884-3206  
Email: [glee@uam-llc.com](mailto:glee@uam-llc.com)



---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Friday, November 07, 2008 3:50 PM  
**To:** JoAnne.Barnett@wilsonco.com; Brad Simons; sdevine@dbstephens.com; Tempest, Daniel; Harish Arora; kcowham@bhinc.com; Gloria Hernandez; Gary Lee; Adam Pavlicek; House, Steve; Jane O. Winkler; Jesse May  
**Cc:** mspringfield@sandovalcounty.com; dross@sandovalcounty.com; kromero@sandovalcountynm.gov  
**Subject:** RFQ / RFP questions

In an attempt to clear out the easy questions from the submitted lists, I am replying early to the ones I can (at this point in time). The others will be addressed as soon as I can confirm the answers.  
Hope this is of some assistance to you. I hope to get the rest of the answers out by Monday sometime.  
Thanks for your interest in the project.

In no particular order, the following questions are answered:

1. ...clarify whether an Engineering Fee Proposal is required to be submitted with the Proposal  
Answer: not required
2. Does the 3 page Campaign Contribution Disclosure Form count against the 30 page limitation...  
Answer: no it does not (you might attach it as an appendix)
3. Are resumes to be included in the page count or may they be placed in a appendix?  
Answer: Submit resumes if desired. If submitted they may be in an appendix, and will not count against the 30 page limitation. (This is not a green light for submitting 500 pages of appendices to your response ☺ )
4. ...a list of firms considering this project?  
Answer: I am going to cut / past the address block above (some of you may not see it all) into the space below. Some of the recipients of this may not be principals companies; I believe one may be a service with customers who may be bidders, so I don't know who all of them are. This is the best I can do in this regard.

JoAnne.Barnett@wilsonco.com; Brad Simons; sdevine@dbstephens.com; Tempest, Daniel; Harish Arora; kcowham@bhinc.com; Gloria Hernandez; glee@uam-llc.com; Adam Pavlicek; 'House, Steve'; 'Jane O. Winkler'; 'Jesse May'

5. To see the most recent application to the Water Trust Board:

Answer: log into the following website. At the login, enter the following into the Email block [REDACTED] ; in the password block, enter [REDACTED]. When you get to the next screen click on Accepted Applications; the record you will get (there is only one under that tab) will be the submittal. Don't bother with any records under the Saved Applications tab (it is beyond me to explain what that is doing, and there is no useful data on those forms. They seem to be artifacts created every time we accessed the site; they filled in the sending log-in as the primary contact person and then took no more data.).

6. ...inventory of the studies conducted and the reports produced related to the overall project to date

Answer: at the end of the Water Trust Board application there are .pdf and .doc files attached. Most of what you may be looking for may be found there. Some of the reports are in several sections, so to see the whole thing you may have to print individually and re-assemble them.

I hope this information helps get you started. Some of the other questions will require me to do some more work / time. I hope to have them to you by Monday. I am sure the un-answered question may be the most critical to you, so I'll get on them.

Let me know if you have trouble accessing the files.

Have a good weekend.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

## Guy Bralley

**From:** Guy Bralley  
**Sent:** Monday, November 10, 2008 12:18 PM  
**To:** Guy Bralley; JoAnne.Barnett@wilsonco.com; bsimons@oaconsulting.com; sdevine@dbstephens.com; Tempest, Daniel; kcowham@bhinc.com; Harish Arora; Gloria Hernandez; glee@uam-llc.com; Adam Pavlicek; Steve.House@aecom.com; JWinkler@molzencorbin.com; jmay@pcl.com; larry.walker@reedbusiness.com; mspringfield@sandovalcounty.com; dross@sandovalcounty.com  
**Cc:**  
**Subject:** RE: Second set of answers

Correct the value in answer 2 of the attached message to reflect that the correct number is \$600,000.00 (Six Hundred Thousand dollars and no cents).

Thanks, Gloria.

Guy

---

**From:** Guy Bralley  
**Sent:** Friday, November 07, 2008 5:02 PM  
**To:** 'JoAnne.Barnett@wilsonco.com'; 'bsimons@oaconsulting.com'; 'sdevine@dbstephens.com'; 'Tempest, Daniel'; 'kcowham@bhinc.com'; 'Harish Arora'; 'Gloria Hernandez'; 'glee@uam-llc.com'; 'Adam Pavlicek'; 'Steve.House@aecom.com'; 'JWinkler@molzencorbin.com'; 'jmay@pcl.com'; 'larry.walker@reedbusiness.com'  
**Cc:** 'mspringfield@sandovalcounty.com'; 'dross@sandovalcounty.com'  
**Subject:** Second set of answers

This includes answers to those questions I could not answer earlier. Between this list and the previously sent (and resent) list should represent all the answers to all the questions I have received. If I am missing something, let me know, and if I find I had it here and I did not respond, I'll try to get an answer out (as originally promised) on Monday. If I don't have a copy, I'm not responding to new questions after today.

1. The Scope of Work (Section 2) does not appear to include actual design phase services at this time. Is this correct? The "Basic Design Services" (Section 2.1) also exclude actual design phase services. I see where architectural renderings are required (Section 2. Para. 11.), but without an actual process design effort, an architectural rendering can be difficult.  
Answer: No design work at this time.
2. Are any funds available to initiate engineering services in advance of the State Water Trust Fund award  
Answer: \$600,00.00
3. What is the desired completion date of the study and / or design phase of the is overall project?  
Answer: 180 days from order to proceed.

I believe this is all of the questions so far. These would have been the "Monday answers".

Hope this help. Have a good weekend.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX



## Guy Bralley

---

**From:** Bruce Thomson [bthomson@unm.edu]  
**Sent:** Friday, December 12, 2008 3:10 PM  
**To:** Guy Bralley  
**Subject:** RE: Attached is the list of questions

Guy:

The local AWWA/WEA luncheon is Tuesday, 12/16 11:30 at the Golden Corral there by the Cottonwood Mall. Rep. Mimi Stewart is going to present her perspectives on water & such. It's not too far from Rio Rancho - why don't you join us.

-Bruce

At 02:44 PM 12/12/2008, you wrote:

Thanks, Bruce, for your comments.

We will be incorporating them with our package for the bidders to address in their interview processes.

We appreciate your quick response, so we can give them a little time to prepare their cases and not be totally jammed up in the holiday season.

We expect to be meeting with them around the 12-13 Jan timeframes.

Thanks again, and I may just take you up on the idea of grabbing a beer sometime.

Have a good weekend, and, if I don't see you before hand, best wishes to you and your family for a Joyous Holiday season.

Guy

**From:** Bruce Thomson [<mailto:bthomson@unm.edu>]  
**Sent:** Friday, December 12, 2008 1:45 PM  
**To:** Guy Bralley  
**Subject:** Re: Attached is the list of questions

Guy:

I marked it up. I think the 4 most important issues are: 1) feed water recovery, 2) scale management, 3) concentrate disposal, and 4) energy conservation. Regarding the last point, to my way of thinking the source of the energy isn't especially relevant. You need to know what the energy requirements are. The cost of that energy will then depend on whether they use renewables (wind, solar) which are expensive, or conventional sources. Don't ask a water treatment firm to design a renewable energy plant.

Let me know if you've got questions. Feel free to call me at home (268-6003) if this needs to be resolved this weekend. Or call me at home if you just wanta meet somewhere for a beer sometime - I'm usually up for that!!!

Later...

-bruce

t 06:12 PM 12/8/2008, you wrote:

Comments?

Some of these may be pre-mature, as we are asking for bids to study the process. The guy who gets selected will be defining the scope and direction of the design effort. The design will be the Next step when we get the \$\$ to fund it.

I'll be glad to hear what you think. I need to give my questions to the person coordinating this part of the process by Friday. If I can have your comments by Thursday, that should be just fine. Written or verbal is OK.

You could probably write a dissertation on these subjects.... But what I'd be satisfied with is priming the thought processes on some of these issues.

Thanks.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

Bruce M. Thomson  
Director of Water Resources Program  
MSC 05-3110  
University of New Mexico  
Albuquerque, NM 87131  
505-277-5249

Regents Professor of Civil Engineering  
MSC 01-1070  
University of New Mexico  
Albuquerque, NM 87131  
505-277-4729

Bruce M. Thomson  
Director of Water Resources Program  
MSC 05-3110  
University of New Mexico  
Albuquerque, NM 87131  
505-277-5249

Regents Professor of Civil Engineering  
MSC 01-1070  
University of New Mexico  
Albuquerque, NM 87131  
505-277-4729

## Guy Bralley

---

**From:** Bruce Thomson [bthomson@unm.edu]  
**Sent:** Friday, December 12, 2008 1:45 PM  
**To:** Guy Bralley  
**Subject:** Re: Attached is the list of questions  
**Attachments:** Questions for desal bidders.doc

Guy:

I marked it up. I think the 4 most important issues are: 1) feed water recovery, 2) scale management, 3) concentrate disposal, and 4) energy conservation. Regarding the last point, to my way of thinking the source of the energy isn't especially relevant. You need to know what the energy requirements are. The cost of that energy will then depend on whether they use renewables (wind, solar) which are expensive, or conventional sources. Don't ask a water treatment firm to design a renewable energy plant.

Let me know if you've got questions. Feel free to call me at home (268-6003) if this needs to be resolved this weekend. Or call me at home if you just wanta meet somewhere for a beer sometime - I'm usually up for that!!!

Later...

-bruce

At 06:12 PM 12/8/2008, you wrote:

Comments?

Some of these may be pre-mature, as we are asking for bids to study the process. The guy who gets selected will be defining the scope and direction of the design effort. The design will be the Next step when we get the \$\$ to fund it.

I'll be glad to hear what you think. I need to give my questions to the person coordinating this part of the process by Friday. If I can have your comments by Thursday, that should be just fine. Written or verbal is OK.

You could probably write a dissertation on these subjects.... But what I'd be satisfied with is priming the thought processes on some of these issues.

Thanks.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

Bruce M. Thomson

## Guy Bralley

---

**From:** Guy Bralley  
**Sent:** Monday, July 13, 2009 5:50 PM  
**To:** Ryan Saffels  
**Subject:** RE: Sandoval - Pilot project update  
**Attachments:** image001.gif

Thanks, Ryan.

I'll see if I can round up some of the other folks from the County for the meeting on the 20<sup>th</sup>.  
CDM conf room is OK with me, but I'll let you know if the others have another preference.

Guy

---

**From:** Ryan Saffels [mailto:rsaffels@uam-llc.com]  
**Sent:** Monday, July 13, 2009 5:03 PM  
**To:** Guy Bralley  
**Cc:** Gary Lee  
**Subject:** Sandoval - Pilot project update

Guy,

Here is the latest progress report and meeting minutes from last week's conference call. Please let Gary or me know if you have any questions or comments.

Also, we would like to firm up a meeting with you on Monday, July 20<sup>th</sup> to discuss our findings to date with regard to our treatment process evaluation. The intent of the meeting on Monday is to go through the thought process that we have gone through to narrow down the preferred treatment process trains. We would like to meet at the CDM office at 2:00 pm and anticipate the meeting lasting 2 hours or so. Please feel free to invite Mike, Juan, and Diane if you think it would be relevant. If several people from Sandoval County decide to attend, we do not have a problem having the meeting at your offices, if you prefer. Again the intent is for this meeting to be fairly detailed, and for Tuesday's meeting to be more general. Please let me know if you are available at that time and where you would prefer to meet?

Thank you,

**Ryan Saffels, P.E.**  
**Universal Asset Management, LLC**

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Office Number: 816-887-4008  
Cell Number: 816-377-8886  
Fax Number: 816-884-3206  
Email: [rsaffels@uam-llc.com](mailto:rsaffels@uam-llc.com)



006583

## Guy Bralley

---

**From:** Ryan Saffels [rsaffels@uam-llc.com]  
**Sent:** Friday, August 07, 2009 10:49 AM  
**To:** Guy Bralley  
**Cc:** Gary Lee; Lenette Brown  
**Subject:** Sandoval Revised Submittal Documents  
**Attachments:** Bench Test Results Memo 20090806.pdf; Water Evaluation Summary 20090806.pdf; EPA NATIONAL PRIMARY DRINKING WATER Standards 20090806.pdf; Non-Commercialized Process Memo 20090806.pdf; Residual Product Marketability Memo 20090806.pdf; Residual Product Marketability Figures 20090806.pdf; Renewable Energy Memo 20090806.pdf; Engineer's Construction Status Report 20090714.pdf; Engineer's Status Report attachment 20090714.pdf; image001.gif

Guy,

Here are the revised submittal documents following our discussions earlier this week. I'm resending all of them to minimize confusion. Please let me know if you have any questions or comments.

Thank you,

***Ryan Saffels, P.E.***  
***Universal Asset Management, LLC***

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Office Number: 816-887-4008  
Cell Number: 816-377-8886  
Fax Number: 816-884-3206  
Email: [rsaffels@uam-llc.com](mailto:rsaffels@uam-llc.com)



## Guy Bralley

---

**From:** Ryan Saffels [rsaffels@uam-llc.com]  
**Sent:** Monday, August 10, 2009 10:00 AM  
**To:** Guy Bralley  
**Cc:** Gary Lee  
**Subject:** Sandoval Desalination - Process Selection Memo  
**Attachments:** Guy Bralley Process Selection Memo 20090810.pdf; 080709 treatment Process Eval Memo.docx; image001.gif

Guy,

Please find attached our process selection cover letter and memorandum for the Desalination Pilot project. If you have any questions or comments please let me know.

Thank you,

***Ryan Saffels, P.E.***  
***Universal Asset Management, LLC***

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Office Number: 816-887-4008  
Cell Number: 816-377-8886  
Fax Number: 816-884-3206  
Email: [rsaffels@uam-llc.com](mailto:rsaffels@uam-llc.com)



## **Guy Bralley**

---

**From:** Gary Lee [glee@uam-llc.com]  
**Sent:** Wednesday, October 07, 2009 12:35 PM  
**To:** Guy Bralley  
**Subject:** Update

Guy: We have received some good news this week regarding salt generation. It appears that we now have a new nanomembrane that specifically rejects sulfates. This would be applied to the brine reject from the RO unit and produce a high quality sodium chloride. We are currently comparing notes with North American salt as to the quality specs for a food grade product but, so far so good. I have been assigned a market analyst from North American Salt and they appear serious at trying to work out an arrangement with us. This would be a huge breakthrough financially for the project. I am not ready to announce this to the world yet but, hopefully by the time we have the commissioners meeting on site I will be in a position to do so. I will keep you posted.

**Gary M. Lee P.E.**  
**Universal Asset Management, LLC**

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Main Office Number: 816-887-4008  
Cell Phone: 816-805-3546  
Fax Number: 816-884-3206  
Email: [glee@uam-llc.com](mailto:glee@uam-llc.com)

## Guy Bralley

---

**From:** Gary Lee [glee@uam-llc.com]  
**Sent:** Wednesday, September 02, 2009 7:49 AM  
**To:** Guy Bralley  
**Subject:** RE: Sandoval Desal Well Sites

Guy: Actually, I believe we could make either option work but, the areas of the two options do not appear to be equal. I now that I do not have the scale to this drawing and it may just be an illusion but, when I print the map and just compare square inches of area covered the do not agree ( the dark blue trapezoidal shape is larger than the aqua rectangular shape). Since I don't have the scale of the map I am not sure which one represents the 40 acres. As far as the two acre site is concerned I would certainly make your purchase match the existing fence. There is no need to reset the fence. I have a brief meeting out of the office at 9:00 am central time that should last about one hour and then I would be available for any further discussion.

**Gary M. Lee P.E.**  
**Universal Asset Management, LLC**

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Main Office Number: 816-887-4008  
Cell Phone: 816-805-3546  
Fax Number: 816-884-3206  
Email: [glee@uam-llc.com](mailto:glee@uam-llc.com)

---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Friday, August 28, 2009 11:42 AM  
**To:** Gary Lee  
**Subject:** FW: Sandoval Desal Well Sites

Gary,  
Take a look at the attached file. It was sent to us by our surveyors and shows 2 options for the desal plant area.

You can see in the original e-mail what the options look like. Do you have a preference? The triangular one get closer to the "mesa" to the west, and it goes up-slope a little bit.

Let me know what you think. Mike needs to respond by middle of next week.

Thanks.

Guy

---

**From:** Robert Lockman [mailto:rlockman@bhinc.com]  
**Sent:** Friday, August 28, 2009 10:21 AM  
**To:** Michael Springfield  
**Cc:** Dianne Ross  
**Subject:** Sandoval Desal Well Sites

Hi Mike,

You mentioned that you didn't want the boundary for Well #5 to go beyond the mesa. How did you want the boundary to fit? I have attached a pdf showing a couple of options. Option 1 is in dark blue and option 2 is light blue or aqua. Also, did you still want to make this a 40 acre site?



We located the fence that is around Well #6 and it is larger than the 2 acre boundary you wanted us to use. Is the fence a permanent fence? Or would you like the boundary to be larger than 2 acres?

Please contact me to discuss.

Thanks.

Rob

**Robert Lockman, P.S.**

Project Manager

Spatial Data

**Bohannon Huston, Inc.**

Courtyard I

7500 Jefferson St. NE

Albuquerque, NM 87109-4335

505.798.7865 direct

505.798.7932 fax

[www.bhinc.com](http://www.bhinc.com)

006561

## Guy Bralley

---

**From:** Timothy Lucero  
**Sent:** Friday, September 04, 2009 8:10 AM  
**To:** Guy Bralley  
**Subject:** RE: Well / desal pilot site

Mr. Bralley,

I received the information and will put out a close patrol for the area. Just let me know if anything changes.

Thanks  
Tim L.

---

**From:** Guy Bralley  
**Sent:** Thursday, September 03, 2009 4:11 PM  
**To:** Timothy Lucero  
**Cc:** Michael Springfield  
**Subject:** Well / desal pilot site

Tim,

As we discussed the other day, the directions to reach the pilot plant site are as follows: (if this is somehow unclear, let me know)

West on Northern or Southern in RR. Exit City of RR. Proceed west.

Turn North on 60<sup>th</sup> St (big power lines)

Turn West through lease gate (it is green and about 1 mi north of Northern, and is about the only one out there) Look for it where the single phase power line crosses 60<sup>th</sup>. That is where the gate is (single phase is the small power poles / wire that runs on the East side of the road; it crosses under the big wires at the gate location).

Proceed to Stock Tank (split of 2 dirt roads, go left / south)

Proceed about .75 miles, compound is on the left; it is fenced. This is well site 6. The well further to the west is site 5.

The desal pilot is at well site 6.

Combination to gate is 1881, should you need to enter (both gates are the same #). There are big white signs on the compounds.

There will likely be contracted engineering / operations persons on the site around the clock for the first part of our project, with day and swing shifts later on.

I expect we will have some presence out there through December. I'll let you know if there are any substantive changes to this schedule.

Normally, there are folks from the King ranch managing their grazing lease / cattle on the property. Actual property owner is Aperion (also known as Recorp, Rio West, etc.), so if someone represents themselves to be from those entities, they are OK to be out there (it is theirs).

Feel free to call me if there are any questions. Calling me at home is OK 24/7; the number there is 896-1330, or the cell number below.

Thanks in advance for your support.

Guy Bralley  
Water Resources Administrator

## **Guy Bralley**

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 9:09 AM  
**To:** Juan Vigil  
**Cc:** Dianne Ross; Guy Bralley  
**Subject:** ED Permit

Juan---I gave a copy of the ED Permit to Sherrie for you're review. We have looked over the contract with UAM, and think the ED requirements fall under Section C of the contract (Additional Engineering Services). Said services and associated costs can only be authorized by you in writing. We are looking into it now. It will probably require 2 additional monitoring wells and testing. The costs would have to come out of contingency (\$60,000). Will have a better answer for you soon.

Mike

006557

In addition, any more flow into the ponds we have would require us to re-approach the NMED (Environment Department) with regard to discharge permits which they have extended (very unusual, for them) as temporaries, and we doubt they will entertain additions to the numbers they have granted to us so far. We have committed to closing several of our ponds upon conclusion of these efforts now under way.

We'll keep our files open, and if something comes up where your process show promise to meet a need in the near future, we'll be in touch.

Thanks again, and I hope your fall season goes well.

Guy Bralley

Sandoval County Water Resources Administrator

505-771-7953

**On Thu Sep 24 7:40 , Rod Flores sent:**

Guy, we have analyzed the test results from our lab on the Rio Puerco Basin Well #6 water. The test is attached. Based on what we have had success with in the past, we suspect that we may be able to reduce the TDS; TSS and specific conductivity numbers by 25-30% with a single pass. Other specific elements such as Sodium, Magnesium, Manganese, Calcium and Silica would be individually reduced by 20 to 40%. I understand that is not an impressive number, based on the very high numbers that are coming out of the ground.

We have had most of our success with water that has visible or larger particle size suspended solids. The overall clarity of the water at the well head casts some doubts on our ability to project dramatic changes in the composition of the water. We do remain optimistic that we can help reduce the load on the RO process systems. I am aware that Arsenic is an issue of concern. Our device has had good success removing Arsenic from muddy river water, but we have not had an opportunity to attack Arsenic that may be present in a clear water stream such as your well water.

Assuming our device provides benefits to your water supply quality by reducing the load on the RO unit, we propose setting up a week long test site at one of the well heads. The device would require some fine tuning to discover the optimum throat length, nozzle size, port size, plate angle and gap setting. All of these are interchangeable or adjustable parts designed for the customer needs. Once the correct components are mated, the device would work without adjustment or maintenance. There are no moving parts, and with the flow rate and the pressure your well provides naturally, there would not be a pump required either. Temperature would not be an issue as we have worked the device at temperatures exceeding 190 degrees F in the past. Dr. Jack Bunting and I would work with the device at your site, provide all necessary equipment such as pipe fittings, collection tanks, flow meters and testing devices to monitor immediate results. We would ask for expense reimbursement for rental of the truck, travel expenses, small power generator to run the flow meters, YSI water testing equipment, and any formal lab testing you desire. We do propose bringing down mobile homes and would simply park them at the well site. Dr. Bunting and I would work the device without charge for our labor. Please understand that due to the temperature of the water at the well head, we would not be able to produce immediate results that would help us make the proper adjustments quickly. Water above 100 degrees F has an adverse affect on the YSI test equipment. Because of that, we would need to make adjustments after the water has cooled unless you have equipment that will provide immediate results regarding Specific Conductivity, Salinity, TDS, pH or Turbidity. Because of the nature of the dissolved Iron in the water cooling the water would cause some chemical composition changes that may be misleading after the water has cooled. We would also need to be able to run water in to the holding ponds to allow us to run the well outlet for extended periods.

I feel we are able to help with this project, but I am not totally confident that we can do it quickly based on the number of the inherent characteristics, namely the temperature and the initial clarity. We do look forward to setting up a test for the MST device if you are willing to allow us access and support our basic expenses involved. In the event that you wish us to pursue the project, please let me know, and we will provide a detailed test plan and itemized expense sheet.

## Guy Bralley

---

**From:** Guy Bralley [guybralley@cableone.net]  
**Sent:** Friday, October 23, 2009 12:50 AM  
**To:** Guy Bralley  
**Subject:** Fwd: Rio Puerco Water / Sandoval County

From Rod Flores.

**----- Original Message -----**

**From:** Rod Flores  
**To:** 'guybralley@cableone.net'  
**Sent:** Wed Oct 21 10:03  
**Subject:** Fwd: Rio Puerco Water / Sandoval County

Guy, I appreciate your honest response. We do understand that our device would function best in a supporting role, and that RO membranes are the lead solution at this time. In the event that your project requirements change or you would consider an alternative approach to controlling membrane costs, please do not hesitate to give us a call. We will continue to seek ways to improve our abilities to address TDS and TSS numbers, and will advise if we can offer more assistance with the dissolved solids. Your situation with the increasing demand for water does present some interesting issues. I wish you well with your quest, and hope that you are able to solve your problems sufficiently with your current approach. Clean water is often taken for granted in many areas of the country, however I know you are keenly aware of the difficulty in producing quality water for a growing population.

I would suggest that we could work with your water at our test lab, but due to irreversible changes that occur after the water is pumped out, we would not be able to accurately simulate the same conditions, namely temperature and the chemistry involved with the oxidation of the dissolved iron content. Our best opportunity for success would be to set up a test site at your well head, however we do understand the permitting requirements that would be involved. Good luck with your project. Thanks again for allowing me to check out your system.

---

**From:** Guy Bralley [mailto:guybralley@cableone.net]  
**Sent:** Tuesday, October 20, 2009 12:02 PM  
**To:** Rod Flores  
**Subject:** Re: Water Test

Thanks for getting back to us. We are currently in the middle of our pilot testing, and it seems to be going pretty well.

As you are probably aware, we, like most government agencies, are pretty strapped for funding at this time. I'd like to say that the future might be brighter, but I'd be lying. We are not in a position currently to encumber more funding on sub-projects not already approved.

We'd be glad to work together if the situation changes and funding shows up. Your process sounds like it might be helpful for suspended solids and clarification of turbidity. Our biggest efforts right now are around pre-treatment of the water stream before we hit the RO membranes, and largely are issues of dissolved solids.

If they think they are going to "pick them up" tell them to bring a big guy: These puppies are heavy.

---

**From:** Ryan Saffels [mailto:rsaffels@uam-llc.com]  
**Sent:** Tuesday, August 18, 2009 5:12 PM  
**To:** Guy Bralley  
**Cc:** Gary Lee  
**Subject:** RE: Valves

Thanks Guy,

I will let Jeremy know they are in. It sounds like they will probably pick them up early next week.

Talk to you soon,

**Ryan Saffels, P.E.**  
**Universal Asset Management, LLC**

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Office Number: 816-887-4008  
Cell Number: 816-377-8886  
Fax Number: 816-884-3206  
Email: [rsaffels@uam-llc.com](mailto:rsaffels@uam-llc.com)



---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Tuesday, August 18, 2009 6:01 PM  
**To:** Ryan Saffels  
**Cc:** Gary Lee  
**Subject:** Valves

Shipment arrived today.  
Stored at my office. 275 lb of valves.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

006534

## Guy Bralley

---

**From:** Ryan Saffels [rsaffels@uam-llc.com]  
**Sent:** Wednesday, September 30, 2009 2:46 PM  
**To:** Trujillo, Leonard [HDS]  
**Subject:** RE: globe valves  
**Attachments:** image002.gif; image001.gif

Lenny,

Following past conversations and phone call today, please pick up the two 4" globe valves at the Sandoval County offices at your earliest convenience, and credit the cost back to the original credit card (less restocking fee of 25% and return freight). They did meet our specifications, however they ended up not being required for the job and are still packaged on the original shipping pallets, as delivered. The contact person at the Sandoval County offices is Guy Bralley, 505-362-6902 (Cell), 505-771-7953 (Office), 711 Camino Del Pueblo, PO Box 40, Bernalillo, NM 87004.

Thank you for accepting and coordinating the return. If we have any further supply needs for this project, I will not hesitate to give you a call.

**Ryan Saffels, P.E.**  
**Universal Asset Management, LLC**

801 Westchester Ave.  
Harrisonville, Missouri 64701  
Office Number: 816-887-4008  
Cell Number: 816-377-8886  
Fax Number: 816-884-3206  
Email: [rsaffels@uam-llc.com](mailto:rsaffels@uam-llc.com)



---

**From:** Trujillo, Leonard [HDS] [mailto:Leonard.Trujillo@hdsupply.com]  
**Sent:** Wednesday, August 19, 2009 10:13 AM  
**To:** Ryan Saffels  
**Subject:** RE: globe valves

Thank you Ryan, talk to you soon.

---

**From:** Ryan Saffels [mailto:rsaffels@uam-llc.com]  
**Sent:** Wednesday, August 19, 2009 9:14 AM  
**To:** Trujillo, Leonard [HDS]  
**Subject:** RE: globe valves

Leonard,

The installation crew was pushed back to Monday, so they won't be picked up until then. Thank you for your efforts in finding and shipping these valves, and for following up. I'll let you know if we have any issues next week, or if we need anything else.

Take care,

## Guy Bralley

---

**From:** Michelle Henrie [michelle@mhenrie.com]  
**Sent:** Monday, October 19, 2009 9:10 AM  
**To:** Guy Bralley  
**Cc:** 'Jay Lazarus'  
**Subject:** algae/geothermal  
**Attachments:** IMG00174.jpg; IMG00173.jpg

Hi Guy,

I enjoyed your presentation. Next time, I want the scheduler to schedule me after the attorneys, too!

Two things caught my attention. First, I was interested to hear that Sandoval County is looking into algae as a source of CO2 containment/consumption. I am working on an algae project for the Pecos Valley Biomass Coop. Jay Lazarus is our Project Manager (cc-ed on this mail). We are now visiting algae ponds and talking with algae companies, so we all may want to share what we learn with one another. Second, I think you said that your water is 150 degrees... which may not be quite hot enough for geothermal. In the event that there is any potential for geothermal, I wanted to share with you what I learned at the RMOTC center near Casper which is using produced water for geothermal. Photos are attached and my summary is below.

Best wishes,

Michelle

---

Tom Reese from the Beatty office in Casper put us in touch with Lyle Johnson at the Rocky Mountain Oilfield Testing Center (RMOTC) (<http://www.rmotc.doe.gov>). Lyle took us out to the RMOTC site at the Teapot Dome to see the Ormat Technology's ORC geothermal unit. Photos attached.

This unit uses produced water from the Tensleep formation, which apparently is sweet water even though it is produced water. It's not super hot water: 180-190 degrees F. The water goes through a heat exchanger with a 3-layered baffle system, which is the giant silver cylinder in the photo. The water heats isopentane, the vapor from which powers a turbine that powers a generator, which are enclosed the silver barrel-sized cylinders in the front. This unit produces 250 KW.

The isopentane is contained in a closed loop system- you can see the cooling towers. The byproduct water is discharged in ponds and it eventually ends up in the arroyos. Brackish water would use the same system with (obviously) different disposal requirements.

The trick for us in NM would be the volume of water needed: this unit uses 450 gpm.

Cost for this unit, specially engineered in Israel, is \$600K.

006530



**From:** Michelle Henrie [mailto:michelle@mhenrie.com]  
**Sent:** Monday, October 19, 2009 9:10 AM  
**To:** Guy Bralley  
**Cc:** 'Jay Lazarus'  
**Subject:** algae/geothermal

Hi Guy,

I enjoyed your presentation. Next time, I want the scheduler to schedule me after the attorneys, too!

Two things caught my attention. First, I was interested to hear that Sandoval County is looking into algae as a source of CO2 containment/consumption. I am working on an algae project for the Pecos Valley Biomass Coop. Jay Lazarus is our Project Manager (cc-ed on this mail). We are now visiting algae ponds and talking with algae companies, so we all may want to share what we learn with one another. Second, I think you said that your water is 150 degrees... which may not be quite hot enough for geothermal. In the event that there is any potential for geothermal, I wanted to share with you what I learned at the RMOTC center near Casper which is using produced water for geothermal. Photos are attached and my summary is below.

Best wishes,

Michelle

---

Tom Reese from the Beatty office in Casper put us in touch with Lyle Johnson at the Rocky Mountain Oilfield Testing Center (RMOTC) (<http://www.rmotc.doe.gov>). Lyle took us out to the RMOTC site at the Teapot Dome to see the Ormat Technology's ORC geothermal unit. Photos attached.

This unit uses produced water from the Tensleep formation, which apparently is sweet water even though it is produced water. It's not super hot water: 180-190 degrees F. The water goes through a heat exchanger with a 3-layered baffle system, which is the giant silver cylinder in the photo. The water heats isopentane, the vapor from which powers a turbine that powers a generator, which are enclosed the silver barrel-sized cylinders in the front. This unit produces 250 KW.

The isopentane is contained in a closed loop system- you can see the cooling towers. The byproduct water is discharged in ponds and it eventually ends up in the arroyos. Brackish water would use the same system with (obviously) different disposal requirements.

The trick for us in NM would be the volume of water needed: this unit uses 450 gpm.

Cost for this unit, specially engineered in Israel, is \$600K.

006529

## Guy Bralley

---

**From:** Michelle Henrie [michelle@mhenrie.com]  
**Sent:** Monday, October 19, 2009 4:27 PM  
**To:** Guy Bralley  
**Cc:** glee@uam-llc.com; Michael Springfield  
**Subject:** RE: algae/geothermal  
**Attachments:** Jay Lazarus

Thanks Guy. I am attaching Jay's card and will pass on this e-mail.  
Have fun at the conference!  
Michelle

---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Monday, October 19, 2009 4:25 PM  
**To:** Michelle Henrie  
**Cc:** glee@uam-llc.com; Michael Springfield  
**Subject:** RE: algae/geothermal

Thanks for the info and the links.

I'm going to forward this to our engineer; he's pretty up to speed on energy related issues, especially as they relate to water (in our case). He has worked with some folks at the National Renewable Energy Laboratory up in Colorado. It would not surprise me if these two outfits (NREL and RMOTC) are not somehow related or connected.

I would be very interested in learning what Jay has learned in his work in Pecos Valley. I'm not aware of too much algae work done this far north in the state.

Our water is about 150 F when it reaches the surface. This is cooler than optimal for some geothermal applications, but if we can get some energy recovery from it, it is too good a deal to pass up. Desal is an energy intensive process, so we are looking at all the options: solar, biomass, hot water, free pressure from the wells (however long that lasts), etc.

Gary Lee is our engineer, and the lead on our project in the Puerco valley. If you could pass this (e-mail) to Jay Lazarus, and let him know my contact info, I'd be glad to see what things we have in common, and what info we may be able to share. Thanks for the pictures and the info on RMOTC. I'd like to learn more about that area. My roommate from my Air Force time worked there for Standard Oil after he graduated from Univ of Washington in the late 70's. He sat wells up there for a few years. When I went through there I was in the Navy, and the Strategic Oil reserves up there have traditionally been considered a Navy asset. Interesting geology in that area, too. I finally got to Yellowstone last fall, and after doing this work down here, the geology of that whole area is much more interesting to me. I'm not a geologist, but it's pretty neat stuff.

Good to see you last week. Looks like I am back there next week for the infrastructure finance conference (filling in for someone else, I'm not the finance wizard, but I'll take notes).

Anyway, thanks again.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX

006528

## Guy Bralley

**From:** Angela Persico [apersico@intera.com]  
**Sent:** Wednesday, July 01, 2009 4:05 PM  
**To:** Guy Bralley  
**Subject:** RE: Exhibits for Reserve West Pit at EXP-06

That is exactly what I'm looking for!  
Thanks!

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Wednesday, July 01, 2009 4:01 PM  
**To:** Angela Persico  
**Subject:** FW: Exhibits for Reserve West Pit at EXP-06

The last pdf file may be the easiest to work from.

**From:** Elise Iverson [mailto:elise@rthicksconsult.com]  
**Sent:** Monday, June 11, 2007 6:07 PM  
**To:** gking75@aol.com; uniteddrilling@aol.com; pwiv@zianet.com; neil@msconstructors.com; 'Randall Hicks'; 'Christopher'; Guy Bralley; andrew@rthicksconsult.com  
**Subject:** Exhibits for Reserve West Pit at EXP-06

To All,

Attached are a couple of exhibits showing the proposed revision of the reserve pits for drilling at EXP-06. The AutoCAD file is also included. The changes made to the proposed compared to the existing reserve pit are as follows:

1. All slopes will be 2:1
2. The addition of a center divider to allow for the settling of cutting and mixing of water
3. Increased depth from 6 to 9.5 feet
4. Increased width (north to south) from 60 to 85 feet.
5. Increased length (east to west) from 175 to 180 feet
6. Added a 2.5-foot berm around the perimeter of the reserve pit; north, east, and west sides only. This will prevent surface runoff from rain, snow, etc from entering the reserve pit.

The volume of the proposed reserve pit is 3310 cu. yds.  
The estimated volume of cuttings (Permario and R.T. Hicks estimate) based on a 9,000 foot total depth is 524.5 cu yds.

\*\* Calculation summarized:  
\*\* for a 14" borehole multiplying 1.069 sq ft \* 2,920 ft = 3,121.48 cu ft (80 to 3000 feet below ground surface (bgs))  
\*\* for a 11" borehole multiplying 0.66 sq ft \* 6000 ft = 3,960 cu ft (3000 to 9000 feet bgs)  
\*\* Applying a safety factor of 2 yeilds 14,162.96 cu ft.  
\*\* Converting cubic feet to cubic yards yeilds --> 524.5 cu yds

Please mark up the drawings with any corrections or comments and email or fax (505-266-0745) the corrections to me.

Do we need to excavate down 2-feet where the steel tanks are to be placed?  
Is the cellar installed?

Andrew Parker  
R.T. Hicks Consultants  
Cell: 505-350-5535

## Guy Bralley

---

**From:** Angela Persico [apersico@intera.com]  
**Sent:** Friday, August 14, 2009 11:15 AM  
**To:** 'Kirby, Kimberly, NMENV'; George.Schuman@state.nm.us  
**Cc:** Guy Bralley; 'Cindy Ardito'; rsaffels@uam-llc.com  
**Subject:** Request for Temporary Authorization to Discharge, Sandoval County Pilot Test  
**Attachments:** Sandoval County Pilot Test Request for Temp Discharge\_8-14-09.pdf

Hi Kim,  
Attached is a letter describing the Sandoval County Pilot Test operation and requesting temporary authorization to discharge. Please feel free to contact me with any questions.

We look forward to your response.

Thank you,  
Angie

*Angela Persico*

Environmental Scientist  
INTERA Inc.  
6000 Uptown Blvd., Suite 100  
Albuquerque, NM 87110  
Ph. 505-246-1600 x 1207  
Fax. 505-246-2600  
[www.intera.com](http://www.intera.com)

006519

**Cc:** Guy Bralley; 'Angela Persico'; 'Ryan Saffels'

**Subject:** Sandoval County

**Importance:** High

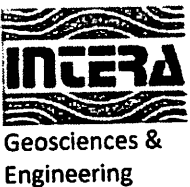
Hi George

As per my phone message to you yesterday, the plans for the pilot test have changed somewhat. It appears there is enough space to put all discharge water from the pilot test into the 3 ponds that are onsite; therefore, it is unlikely any land application will occur. However, we would still like to obtain the TA in the unlikely event that the land application becomes necessary due to unanticipated conditions. The pilot test is scheduled to begin mid-next week and all discharges will go to the lined ponds. No land application will occur prior to obtaining a TA from your office. We have been in communication with Kim Kirby with these changes but understand she is out sick today.

Please let us know if you have any questions/concerns .

Best regards  
Cindy

*Cynthia Ardito*  
*Vice President/Senior Hydrogeologist*  
*INTERA Incorporated*  
*6000 Uptown Blvd, Suite 100*  
*Albuquerque, New Mexico 87110*  
*505-246-1600 x1206*  
*[www.intera.com](http://www.intera.com)*



No virus found in this incoming message.

Checked by AVG - [www.avg.com](http://www.avg.com)

Version: 8.5.409 / Virus Database: 270.13.74/2339 - Release Date: 09/02/09 05:50:00

No virus found in this incoming message.

Checked by AVG - [www.avg.com](http://www.avg.com)

Version: 8.5.409 / Virus Database: 270.13.87/2356 - Release Date: 09/09/09 06:53:00

006505

## Guy Bralley

---

**From:** Cindy Ardito [cardito@intera.com]  
**Sent:** Wednesday, September 09, 2009 11:08 AM  
**To:** Guy Bralley  
**Subject:** RE: Sandoval County  
**Attachments:** image001.jpg

Guy, by the way I noticed you have my email address wrong as shown below, intera instead of intera, surprised it got through but when I replied to all back to you, I got a reject message, so may want to check your address book listing for me

---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Wednesday, September 09, 2009 10:13 AM  
**To:** cardito@intera.com  
**Cc:** Michael Springfield  
**Subject:** FW: Sandoval County

Any response from ED?

Thanks.

Guy

---

**From:** Cindy Ardito [mailto:cardito@intera.com]  
**Sent:** Tuesday, September 08, 2009 11:20 AM  
**To:** Guy Bralley  
**Cc:** 'Ryan Saffels'  
**Subject:** RE: Sandoval County

Hello Guy/Ryan, I did followup with George on this, we are still waiting. We should not discharge, even to the ponds, until we get the nod. What is the latest view on discharge start time. If I don't hear from George today, I will followup first thing in the morning.

---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Wednesday, September 02, 2009 12:43 PM  
**To:** Cindy Ardito  
**Cc:** Michael Springfield  
**Subject:** RE: Sandoval County

You might assure George that only the "best" water would be what might go on the ground. This water would be the nearest thing to potable; the concentrates will be in the pits.

Not sure this would be a big deal, but it is not the intent to place water on the ground that is not treated (raw), or is concentrated / brine.

Thanks, Cindy

Guy

---

**From:** Cindy Ardito [mailto:cardito@intera.com]  
**Sent:** Wednesday, September 02, 2009 11:45 AM  
**To:** George Schuman

## Guy Bralley

---

**From:** Gayland Bryant  
**Sent:** Friday, September 04, 2009 8:15 AM  
**To:** Rosalie Rayburn (rrayburn@abqjournal.com)  
**Cc:** Michael Springfield; Guy Bralley  
**Subject:** RE: Presentation

Rosalie,

Mike & Guy forwarded your questions to me.

Regarding the estimated \$6 p/1000 gallons of water, as I believe Mike explained to the commission last night, our price will come down considerably with both economies of scale and with reduced capital carrying costs. The \$6 price tag that he cited was for the 5 million gallons p/day that will be produced by Phase I. At full build-out, at 20-25 million gallons p/day, the price drops considerably – down to an estimated \$3 p/1000 gallons. Even then, however, those estimates are calculated to include full costs of capital (interest on borrowed money) IF Sandoval County had to go in the open market and borrow the \$80 million estimated for Phase I. The cost of the project and resulting cost of produced water from Phase I drops considerably – down to around \$2 to \$3 p/1000 gallons as cost of capital is reduced. Sandoval County currently has applications both pending and submitted for federal and state grants. We also are investigating a variety of low- or no-interest loan programs.

You should make a few phone calls to other communities and double-check or confirm the information we've received but even the \$6 p/1000 gallons compares to other areas in our region, especially Santa Fe and surrounding water systems. The community of El Mirage just southeast of Santa Fe, for example, currently must charge around \$8 p/1000, according to information we've received. The \$3 p/1000 price, meanwhile, compares very favorably to the City of Albuquerque and, especially, Rio Rancho.

Mike tells me that Guy sent you the slide presentation via 3-mail last night. Let me know, please, if those photos aren't workable for use with the story.

GB

---

**From:** Rosalie Rayburn [mailto:rrayburn@abqjournal.com]  
**Sent:** Thursday, September 03, 2009 4:36 PM  
**To:** Guy Bralley  
**Subject:** Re: Presentation

Guy  
How does the estimate of \$6 per 1,000 gallons compare with other sources of water?  
What were the means by which the county hoped to lower the cost, other than through economies of scale? (Mike mentioned some financing arrangements but I didn't get it all)  
If the county could lower that to \$3 per 1,000 gallons how would that compare to other sources of water?  
Could we get a jpg of the photo of the process trailer slide to use with the story?  
I will write something for Saturday  
thanks  
Rosalie

Guy Bralley wrote:  
Find attached the presentation from the CC meeting of 3 September 2009.

Should you have any questions, please feel free to contact me.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office  
505-362-6902 Cell  
505-771-7184 FAX



## Guy Bralley

---

**From:** Gayland Bryant  
**Sent:** Tuesday, October 13, 2009 2:06 PM  
**To:** Guy Bralley; Michael Springfield  
**Cc:** Dianne Ross  
**Subject:** RE: Saturday Article

Guy,  
For the future, I request that you please flag me if/when you note any erroneous facts in stories by Rosalie or any other reporter and I'll deal with it. FYI, a correction is a very big deal at the Journal. Before it runs, it is cleared all the way up the Journal's food chain and goes into the reporter's personnel file along with comments by her editor(S). If the error is major, the reporter is fired. Too frequently and the reporter is fired. As this is one that, as you note, those in the know would have known was incorrect, I'd have not demanded or requested a formal correction. Instead, I'd have given her a "friendly" phone call to point out her error and let her know she owes us one.  
GB

---

**From:** Guy Bralley  
**Sent:** Tuesday, October 13, 2009 9:42 AM  
**To:** Michael Springfield  
**Cc:** Dianne Ross; Gayland Bryant; glee@uam-llc.com  
**Subject:** FW: Saturday Article

Rosalie made at least one error of fact in her Journal article on Sat. I sent her the e-mail below in an attempt to elicit a correction.

I doubt that she will do anything about it, but some smart guy will read it and know right away that you (us, or anyone else) won't treat brines (which can be around 3x seawater) for \$6 / 1,000 gal. If the public thinks we believe this is the number for the cost of treating brine, and I do not include our water as brine, then they will think we are not very smart. The next step for them would be to believe we are not being good stewards of the public trust.

This is not the first time I have had to send her corrections on what she has written about our program. She has never acknowledged this in the past, nor have I ever seen a correction in print.

I don't mind good journalism, but we don't need factual errors about our "water quality".

If she calls you (she does not call me, though John Fleck does), please ensure she hears the right numbers (12,000 TDS is 1/3 sea water). If I can help you with getting better numbers in print, please do not hesitate to call me any time.

Guy

---

**From:** Guy Bralley [mailto:guybralley@cableone.net]  
**Sent:** Saturday, October 10, 2009 2:09 PM  
**To:** rrayburn@abqjournal.com  
**Cc:** Guy Bralley  
**Subject:** Saturday Article

Rosalie,

The water in the wells in the Puerco area is approximately 12,000 TDS (measured in parts per million, ppm). This is approximately 1/3 the TDS of seawater.

There are places where water can be 3 times seawater, but they would not be economical to treat to drinking water standards. \$6 / 1000 gallons will be challenging enough to meet with the water we have.

Guy Bralley

Msg sent via CableONE.net MyMail - <http://www.cableone.net>

## Guy Bralley

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 9:01 AM  
**To:** Guy Bralley  
**Cc:** Dianne Ross  
**Subject:** FW: Water

Guy----have you talked to the Kings or the State Land Dept. yet about this.

Mike

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 8:44 AM  
**To:** Phillip Rios  
**Cc:** Dianne Ross; Guy Bralley  
**Subject:** RE: Water

Phil----

The plats and legal descriptions are due this Friday. As soon as we get those from the engineer, we will do the warranty deeds. We will try to get the Kings to give us the land. We have to make an application for purchase from the State Land Office. The State said they will try to expedite the process for us. We will have to pay Amrep. And, probably have to condemn the Recorp property. We are moving as fast as we can. I'm asking Juan to have an Executive Session at the next Commission meeting to get authorization to do that. The right-of-entry might take a little bit, but the engineers said you can start on the east side and work west.

Mike

---

**From:** Phillip Rios  
**Sent:** Thursday, September 10, 2009 8:28 AM  
**To:** Michael Springfield  
**Subject:** RE: Water

Mike

As we are working this issue, what is the status with the acquisition of the road?

Phil

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 8:22 AM  
**To:** Guy Bralley  
**Cc:** Phillip Rios  
**Subject:** RE: Water

I thought the permit says we can only use RO treated water that has been tested first for soil application. We can't pump out of the pond if there is still brackish water in there----can't we pump directly from the RO plant????

Mike

006808

The option I'd recommend in the near term is to buy it from RR.

Guy

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 8:22 AM  
**To:** Guy Bralley  
**Cc:** Phillip Rios  
**Subject:** RE: Water

I thought the permit says we can only use RO treated water that has been tested first for soil application. We can't pump out of the pond if there is still brackish water in there----can't we pump directly from the RO plant????

Mike

---

**From:** Guy Bralley  
**Sent:** Wednesday, September 09, 2009 5:29 PM  
**To:** Phillip Rios  
**Cc:** Michael Springfield; Dianne Ross  
**Subject:** RE: Water

The level of the water in the big pond is such that you might have to suction it up about 10-12 feet to get it into the truck. The water is raw, from the ground, and has had some evaporation (it is going to be salty, plus more concentration from the evap process). I'll be in tomorrow, so we can go look and see what we can get for you. I'll have to check on the use on roads. It should not be an impossibility, but may take a while if the state gets involved (they..ED.. would be the "permitting" agency).

I'll be in touch in the morning.

Guy

---

**From:** Phillip Rios  
**Sent:** Wednesday, September 09, 2009 5:25 PM  
**To:** Guy Bralley  
**Cc:** Michael Springfield  
**Subject:** RE: Water

Guy

We have pumps we can use to fill the water trucks. The cost for us is the drive time and fuel. The road being constructed is 4 miles.

Phil

---

**From:** Guy Bralley  
**Sent:** Wednesday, September 09, 2009 5:22 PM  
**To:** Phillip Rios; Michael Springfield  
**Subject:** RE: Water

I'll check in the AM on the permitting requirements, if any. We would probably need to get a pump and take water from the big pond to fill a tanker in a reasonable time. If we don't do it fast, the cost of the truck and labor (waiting and doing nothing at a low flow rate) would possibly be greater than buying water from RR (hydrants). I'll check. We don't have a pump on site that would move this kind of water right now.

Guy

## Guy Bralley

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 9:02 AM  
**To:** Guy Bralley  
**Subject:** FW: Water

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 9:02 AM  
**To:** Phillip Rios  
**Subject:** RE: Water

Looking into that right now

---

**From:** Phillip Rios  
**Sent:** Thursday, September 10, 2009 9:01 AM  
**To:** Michael Springfield  
**Cc:** Guy Bralley  
**Subject:** RE: Water

Mike

That was our plan to fill up a tank even if we had to rent one and then use the tank to fill the water trucks. The time of 100 minutes would be fine as we would fill the tank as needed. What is the size of the current tank.

Phil

---

**From:** Michael Springfield  
**Sent:** Thursday, September 10, 2009 8:57 AM  
**To:** Phillip Rios  
**Cc:** Guy Bralley  
**Subject:** FW: Water

FYI---is 100 min to long----we have a tank out there we might be able to use. Guy, can't we use the brine tank we have out there---lets flush it first and clean it---the use it to store water for the water truck.

Mike

---

**From:** Guy Bralley  
**Sent:** Thursday, September 10, 2009 8:46 AM  
**To:** Michael Springfield  
**Subject:** RE: Water

If we ask ED they will give you an answer that I don't think you'll like. RO will only be capable of 40 ? gpm. That would take 100 minutes to fill a reasonable sized tanker. Not economical in my opinion. That would be about 3 tankers a day. The pit has more capacity, but is probably not really permitted for use. It was OK for ag / irrig because it was permitted for that last year.

If you are in a hurry, you don't want to include ED in your plans. If you don't ask them (ED), we will not be in their good graces. We have received preferential treatment so far from them. I'd recommend not putting water from the pit on anything without ED concurrence.

## Guy Bralley

---

**From:** Michael Springfield  
**Sent:** Tuesday, June 05, 2007 3:37 PM  
**To:** Phillip Rios  
**Cc:** Dianne Ross; Guy Bralley  
**Subject:** RE: Support for Rio West road

phil

yea i just talk to moron-----i told him we are looking into our requirements-----he ordered me to fill out the right paperwork--what ever----can u tell me where do you guys send your reports on your project

mike

---

**From:** Phillip Rios  
**Sent:** Tuesday, June 05, 2007 2:58 PM  
**To:** Michael Springfield  
**Cc:** Deborah Hays; Leroy Arquero  
**Subject:** RE: Support for Rio West road

Mike

The act applies to any public works project which could include roads, buildings or any structure or infrastructure such as utilities, wells etc. all depending on use of professional services to do these projects. I'm just relaying the message from James Moran from the labor department. He is the one that inquired about that project and the wage rate decision he had for this project. I advised him County Development was doing that project not the Public Works Department. I recommend you or Dianne give him a call and let him know you don't think this project falls under the public works act. I'm just relaying the message from the labor department. As for help on the road, we can do that as long as we get a copy of the agreement between the County and the developer doing a partnership on this project and to ensure this doesn't violate the anti-donation clause. I'm sure David will give a written opinion on this issue as being ok to use county forces because of it being a joint project. Who is paying for the construction of the road?

Phil

---

**From:** Michael Springfield  
**Sent:** Tuesday, June 05, 2007 2:24 PM  
**To:** Phillip Rios  
**Cc:** Guy Bralley  
**Subject:** RE: Support for Rio West road

hey phil----

we checked out the "new mexico public works minimum wage act" and don't feel that wage rate requirements apply to this project----it's for public roads which this is not---i'll check with the developer to see if you guys can use the road to get to the NW loop-----also if we need emergency services will you guys help us out.

mike

---

**From:** Guy Bralley  
**Sent:** Tuesday, June 05, 2007 11:40 AM

## Guy Bralley

---

**From:** Guy Bralley  
**Sent:** Thursday, June 28, 2007 5:56 PM  
**To:** Andrew Parker; cgreen@huitt-zollars.com; pwiv@zianet.com; gking75@aol.com  
**Cc:** mspringfield@sandovalcounty.com  
**Subject:** RE: Planning meeting: Sites 5 and 7  
**Attachments:** Rio west proposed test pit charlie (2).pdf

All:

I am not sure we are down to one drawing / design yet. I don't want there to be different drawings when we start to move earth. It seems we have had surveyors out there doing this more than once already. I'm not ready to buy into the marked location of "on the center line." I need to check with my boss on this. I think he does NOT want it inside the right of way. I have now confirmed this with him. This is not dictated by the environmental concerns, but right of way issues. Whatever else needs to be considered (i.e. slope, wind directions, soil composition, etc.), let me know so I can get the best answer on the first (next) run through the process.

The last drawing I have attached here (from Andrew, overlaid on the terrain) shows the pits overlaid on the right of way. If we can move them west so they are not impacting the "road" we are going the right direction. I expect the slope will be an issue as you go farther west. Let me know where that becomes prohibitive for cost or earthmoving reasons.

Let's try to get one direction before we go further on this particular issue. Having said that, I don't want to wait until Tuesday to make the next decision; keep talking to me. Review the drawings and let me know where the changes need to be.

The location for the meeting is now in the Courthouse (at 1 PM, as mentioned before), but now is to be in the council chambers. Feel free to stop by my office if you don't know where they are.

Take a little time to think about this. It should pay off in the long run. I'm still willing to believe that we can make a better decision together than any one of us would make alone, but I'm equally convinced that we need to both talk and LISTEN to each other to make it work. Every one of you knows more about your part of the business than the rest of us do. We need the best info to get to the best solution, and that may be described as the solution that keeps us from having to do things over again.

Guy

---

**From:** Andrew Parker [mailto:andrew@rthicksconsult.com]  
**Sent:** Thursday, June 28, 2007 1:03 PM  
**To:** Guy Bralley  
**Subject:** RE: Planning meeting

What you sent us are the two drawing R.T. Hicks created showing the proposed layout of the reserve pit and evap test pits. Ron has put this into a site survey relative to drill site #5. Do you have a copy? I do if you do not.

This morning during a site visit I walked the layout of the evap test pits. As surveyed by Ron, the test pits come to close to the beautiful shale outcrop to the north. I met with George King this morning to discuss re-orientating the alignment. I will have the new orientation for your review this afternoon. REMEMBER...the only test pit to be built is the evaporation test pit, not the pits labeled "storage".

Andrew Parker  
R.T. Hicks Consultants  
Cell: 505-350-5535

---

**From:** Guy Bralley [mailto:GBralley@sandovalcounty.com]  
**Sent:** Thursday, June 28, 2007 12:16 PM  
**To:** andrew@rthicksconsult.com; cgreen@huitt-zollars.com; pwiv@zianet.com; gking75@aol.com  
**Cc:** mspringfield@sandovalcounty.com; Dianne Ross  
**Subject:** Planning meeting

For those of you who can be at the Courthouse on Tuesday 3 July at 1 PM, we are going to have another planning meeting to discuss the steps to be taken in setting up site 5 and 7. We have apparently got several ideas of what goes where, and it is going to cost additional monies if we have to do things over that we have not agreed upon in advance.

It is expected work will begin 9 July on the next 2 sites.

I am attaching a set of drawings Chris Green as just sent me on the proposed layout for site 5. As it is currently drawn it appears to place the test pits on the center line of the proposed NW loop.

George and I just got off the phone, and he is going to send me a current drawing for review. I'll send it along for all to comment.

Let's get this agreed upon and try to all be on the same sheet of music.

Thanks

Guy



## Guy Bralley

---

**From:** pwiv@zianet.com  
**Sent:** Monday, July 02, 2007 8:58 AM  
**To:** Guy Bralley  
**Cc:** Green, Christopher; Michael Springfield; andrew@rthicksconsult.com; gking75@aol.com; Kelly Romero; guybralley@cs.com  
**Subject:** Re: 06-29-07 - Build Road and Pad at Well Site #7

Gentlemen:

I'm sorry that we can not tell you exactly what we need at this time. There are many factors that come into play and most will be answered when we finish the #6 well.

What is for certain at this time is that we need good access roads to the next locations and that the locations need to be level. I would say that if you build the locations to be the same size as the #6 and include the 6X6X6 cellar or culvert pipe like used on the #6 it will be good.

As for the pits, that is the unknown at this time. If we continue to use the mud system that we are using on the #6 on future wells, the pit will mostly be used only for reserve water and for cuttings storage. If this is the case, we will not need the divider burm. If we go to a more standard mud system, we will need the divider burm as we will be drilling through the pits. After we finish drilling the #6 well we should know pretty well how we want to do the next one.

As Guy mentioned, we may be using a different rig on the 3rd well that we drill and we should wait and see how they want the pit configuration. The next rig may need earthen working pits (instead of the steel ones).

My suggestion is to go ahead and build the roads and locations on both sites now and build the pits a week before rig move so that everyone is on the same page as to what is needed (including the drill crews).

I'm sure we all agree that the liners need to be in place before the steel pits are installed and I will make sure the drillers do not make that mistake again.

Please call or respond to this e-mail if you have any thoughts on this.

Phelps

Guy Bralley writes:

> Page 2 of the attachment to your (Chris Green) e-mail is not the  
> desired configuration for the reserve pit. Assuming we use the tanks  
> as they are configured at well site 6, the arrangement of the pit will  
> be as per the attached "Pit Design" drawing. IF we use a different  
> drilling rig, then the arrangement of the tanks may be altered, and  
> the arrangement of the reserve pit made to accommodate the change. We  
> will know more when we are sure what rig configuration will be used at  
> Site 5 (use United 41 or not). Site 7 will not likely be the United 41 rig, so the tank  
> arrangement will be unknown at this time.

> NOTE that the evaporation pits in the attached are to be changed, and  
> they will be moved 200 feet to the west and aligned along a SW / NE  
> axis (movement from the position shown on the "Rio west proposed test  
> pit Charlie.txt" attachment; center lines of the pits will remain as  
> they are). This will place the pits OUTSIDE the right of way for the  
> NW Loop alignment. Just pick them up aligned as they are, and drop  
> them 200 feet west, aligned along the same bearing as they are now.

> Let me know if this is somehow unclear.

> I'm OK with the road and water parts of the estimate, but I will get  
> you the final reserve pit configuration separately. Lets just plan on  
> starting that part of the construction last, or at least as we become  
> more certain of how the next wells will be drilled (with what kind of  
> rig configuration).

> Guy

> From: Green, Christopher [mailto:cgreen@Huitt-Zollars.com]  
> Sent: Friday, June 29, 2007 2:53 PM  
> To: Michael Springfield; Guy Bralley  
> Cc: Kelly Romero  
> Subject: FW: 06-29-07 - Build Road and Pad at Well Site #7

> Mike,

> Please let me know how you would like to proceed. Have a good weekend.

---

> From: Neil Jackson [mailto:neil@msconstructors.com]  
> Sent: Friday, June 29, 2007 11:33 AM  
> To: Green, Christopher  
> Subject: 06-29-07 - Build Road and Pad at Well Site #7

> Here you go.

> Neil

## Guy Bralley

---

**From:** Guy Bralley  
**Sent:** Monday, July 23, 2007 4:47 PM  
**To:** Michael Springfield; gking75@aol.com  
**Cc:** cgreen@huitt-zollars.com; pwiv@zianet.com; Andrew Parker  
**Subject:** FW: Estimates for Well Site 5 & 7  
**Attachments:** 07-20-07 - Additional Reserve Pit Earthwork Well Site 5 and 7.doc; 07-20-07 - Test Evaporative Pit.doc

My recommendation is to proceed with these (the attached) so we can keep moving on Well site 5. We need to continue to expedite the digging of the cellar for the Rat hole / conductor pipe at 5, as well.

I have spoken with Andrew about the liner for the reserve Pit at 5, and I think our best bet is to go with a liner we can get started today or tomorrow (\$8,100) rather than wait until later (for \$6,300, both values do not include shipping or installation, which we require). It is to our advantage to have the liner and have it installed before the steel pits are placed. It looks to me like the only option we have would be to go with the first (\$8,100 price), and we keep to our schedule better.

Let me know your thoughts on this.

Thanks for keeping this moving.

Guy

---

**From:** Green, Christopher [mailto:cgreen@Huitt-Zollars.com]  
**Sent:** Monday, July 23, 2007 10:07 AM  
**To:** Michael Springfield; Guy Bralley; Kelly Romero  
**Cc:** Demeule, Robert; Neil Jackson  
**Subject:** Estimates for Well Site 5 & 7

Mike,  
You will find attached estimates from Mountain States regarding the extra excavation at the reserve pits at Well Site 5 and 7, and the evap. and test pits near Well Site 5. Please let me how you would like to proceed.

Chris Green  
**Huitt-Zollars, Inc.**  
333 Rio Rancho Drive NE Suite 101  
Rio Rancho, NM 87120  
Phone: (505) 892-5141  
Fax: (505) 892-3259  
Email: [cgreen@huitt-zollars.com](mailto:cgreen@huitt-zollars.com)

## Guy Bralley

---

**From:** Guy Bralley [gbralley@sandovalcounty.com]  
**Sent:** Wednesday, February 28, 2007 4:27 PM  
**To:** Michael Springfield  
**Subject:** Rio West

Just talked to G King (4PM). He would like to call / discuss progress on Friday AM (or late Th PM) regarding well funds. Apparently, D Maniatis (Sp?) and the Gov talked some time in the past, and DM came away with the conviction that The Gov would throw \$0.5 to 3.0 Mil on the table toward drilling the well. I have not independent confirmation of this, and neither does George. He has talked with Bill Hume and they are off in search of something to back up this alleged discussion on \$\$.

I think they (George and Recorp) are going to be coming to us and asking for the County to pony up bucks, too. I am pretty certain that the action has been passed to George, and that the bosses (in Scottsdale) are expecting him to pull a rabbit out of his hat (or some other convenient orifice). I told GK that this was all above my paygrade (sound familiar?), but that we can talk tomorrow about the Friday AM call. Just thought you'd like to know.

My guess is that GK is seeing his time line slide right if this is not resolved between Scottsdale and Santa Fe, shortly. I think this could be a speed bump in his / their freeway toward Rio West. I have no idea what commitments GK has arranged for, or made, with things like the drilling rig, but if it does not happen on the proposed schedule, then it could be re-committed by the owner / driller to other projects. I cannot imagine there are too many excess rigs capable of doing what they want and need. If they do not stay close to their time line on some of these critical actions, I see the potential for large chunks of time being non-productive (like waiting for another rig to come available, or some like-type event, where the next rig may not be available for 90 days: big impacts on schedule). GK was not sounding like this was his best day. Sounds like he was being expected to do the (near) impossible to keep his bosses happy. I don't envy him. That's why consultants get the big bucks (for a little while, at least).

Guy Bralley  
Water / Wastewater Specialist  
Sandoval County Development  
505-771-7953 Office  
505-771-7184 FAX

## Guy Bralley

---

**From:** Michael Springfield [MSpringfield@sandovalcounty.com]  
**Sent:** Tuesday, March 13, 2007 4:03 PM  
**To:** Guy Bralley  
**Subject:** FW: desalination

---

**From:** Michael Springfield  
**Sent:** Tuesday, March 13, 2007 4:01 PM  
**To:** 'garylaicp@aol.com'  
**Subject:** desalination

gary----

just met with george--it was a good meeting....let me answer some issues that came up during the meeting.

1. senate bill 1169 failed but we are still watching to see if somebody tries to slip something in another similar bill.
2. we understand the additional cost associated with the first well because of the casing cost required by the state engineer---we are trying to locate the "water innovation money" that the state supposedly has---haven't found it yet.
3. the 100 year water supply requirement is on a subdivision by subdivision basis--as approved by the state engineer's office---not for the entire development---however it makes sense to prove up the supply anyway so we all know and protect ourselves.

we have been hearing a lot of comments from people at the state about this project and simply put---they don't like the idea of an out of state developer "coming into the state and exploiting new mexico's water resources"....they take a different stand when we tell them we are partnering with the private sector.

the commission (especially jack) is concerned with participating in the exploratory drilling costs-----the position of the county, as i understand it, is that what ever purporting of money we put in---the county wants the same proportion of water allocation....they want to help the kings and rio rancho---but george explained how we cant do that with your project----but, this might have an impact on how the county's 6 million is distributed.

also it is important to the county that any state or federal appropriations funneled through the county for the project be considered as county money and go towards an increased proportion of water allocation.

we should work together to make sure that your project is tied to the total amount of allocation regardless as to who owns it.....

ok that should be enough to get the ball rolling----we are on the same schedule as george but time is running tight---we all have to beat the February 20, 2008 deadline---cause the state wont be helping us anymore on any new permits.

tell me what you think.

thanks  
mike

## Guy Bralley

---

**From:** Guy Bralley [gbralley@sandovalcounty.com]  
**Sent:** Monday, April 23, 2007 4:33 PM  
**To:** George King (gking75@aol.com)  
**Cc:** Michael Springfield; Moises Gonzales  
**Subject:** NMED POC

George,

I spoke this afternoon with Robert George of NMED. He deals with ground water discharge permitting. We may need to go through his offices (in Santa Fe) to get the required paperwork for dealing with the water from the wells / pumping tests / lined basins, etc. He is also the bubba for the concentrate disposal, if it is going into the ground, as well. Requirements in this area fall under Administrative Codes (Water Quality Control Commission?) under sections 20.6.2. I am not intimately familiar with them, but expect I will be shortly. You may have some folks (Draper?) on line who may be well equipt / prepared to accelerate this process; right now it does not show promise of moving as fast as you are going to want to go. I explained the dates on the exploratory well permit, but that will pale in comparison to the impacts / costs of the drilling rig, if it is held up to make these guys happy. They are not yet incentivized to think FAST. George's phone number is 505-847-3648. His e-mail is [robert.george@state.nm.us](mailto:robert.george@state.nm.us); I don't know his boss or his number. This guy / office could be important to making the schedule as we envision it to be.

He suggested you check the following url: [http://www.nmenv.state.nm.us/gwb/New\\_Pages/docs\\_regs.htm](http://www.nmenv.state.nm.us/gwb/New_Pages/docs_regs.htm).

Call me with your questions. Hope this did not ruin your good day, mate.

Guy Bralley  
Water / Wastewater Specialist  
Sandoval County Development  
505-771-7953 Office  
505-771-7184 FAX

## Guy Bralley

---

**From:** Juan Vigil  
**Sent:** Monday, June 29, 2009 4:56 PM  
**To:** Guy Bralley  
**Subject:** RE: Well site tour 6/30/09 - 2 pm

Go with the two that I discussed with you. Juan

---

**From:** Guy Bralley  
**Sent:** Monday, June 29, 2009 2:06 PM  
**To:** Sherrie Doke; Michael Springfield; Juan Vigil  
**Subject:** RE: Well site tour 6/30/09 - 2 pm

Attached are two white papers: one on jobs, and one strictly on desal, and a powerpoint presentation. I submit them for your review. I propose to give a copy to those folks tomorrow if they meet your approval.

Hard copies will follow.

Guy

---

**From:** Sherrie Doke  
**Sent:** Monday, June 29, 2009 9:03 AM  
**To:** Michael Springfield; Guy Bralley; Juan Vigil  
**Subject:** Well site tour 6/30/09 - 2 pm

Gov. Anaya and his 3 investors will be ready to leave here at 2 pm tomorrow. They are going to come a little early to meet w/ Juan in his office. Thanks.

Sherrie Doke  
Exec. Ass't to County Manager Juan Vigil  
Sandoval County Courthouse  
711 Camino del Pueblo, Bernalillo, NM 87004  
(505) 867-7538  
FAX: (505) 867-7600  
[sdoke@sandovalcounty.com](mailto:sdoke@sandovalcounty.com)

## Guy Bralley

---

**From:** Guy Bralley  
**Sent:** Tuesday, October 14, 2008 12:19 PM  
**To:** Dianne Ross  
**Subject:** RE: FW: status of RFP

OK Dianne, Here's what I think

Change the para addressed in 1a to read something like.....

Offeror's consultation with outside experts for specific areas of information may be made to complete the listed process items (1-4) to satisfy the requirements of the RFP. When a selection is made, the offeror becomes the County's contractor for the project. Those with whom he has consulted in the past may become sub-contractors / vendors to the selected offeror (prime contractor).

2a....

Consult with qualified institutions / entities to help identify potential markets for the economic uses / benefits of waste materials from the desalination process' tail water or concentrate streams (wet or dry).

3a...

In the efforts to gain economic benefits from the entirety of the desalination processes, the Contractor will work with all concerned (landowners, operators of the desalination plant, prospective buyers / users of the product of the concentrate stream) to find these potential uses. To best avail the project / County of these possibilities, a feasibility study and a marketing plan will be prepared.

See what you think.

Guy

---

**From:** Dianne Ross  
**Sent:** Tuesday, October 14, 2008 8:37 AM  
**To:** Michael Springfield; Guy Bralley  
**Subject:** FW: FW: status of RFP

---

**From:** Gking75@aol.com [mailto:Gking75@aol.com]  
**Sent:** Monday, October 13, 2008 8:45 AM  
**To:** Dianne Ross  
**Subject:** Re: FW: status of RFP

Dianne, please review the follow comments and changes. If you need additional information, please advise.

Comment 1a: You should make these items the responsibility of the consultant. He can then hire subcontractors for the areas where he does not have experience.

(No change required)



The RFP is structured where by the offeror will collect the required information from several subcontractors to complete the listed process items (1-4) to satisfy the requirements of the RFP. Once the selection is made the offeror becomes the county's subcontractor, not a consultant, for the project.

Comment a2: Please remove the language for using local universities. The County can discuss this possibility with the consultant during price negotiations or during the project.

(Please make the following change)

2. Deploy qualified institutions to submit proposals that would identify potential recovery processes, and subsequent markets for the waste material produced by the production plant's tail water system.

Comment a3: Unclear what you are asking for.

(No change required)

The successful subcontractor will work with the landowners, "suppliers of produced water" and "prospective buyers" of the treated water. In order to sell the facility to both, the supplier of the produced water and the prospective buyers for the treated water, the subcontractor will need to prepare a marketing plan and feasibility study.

George King  
Office: (281) 681-8500  
Fax: (281) 298-9399  
Cell: (832) 250-2210

In a message dated 10/6/2008 2:44:22 P.M. Central Daylight Time, DRoss@sandovalcountynm.gov writes:

George,

We finally received comments from the NM Environment Department on the RFQ/RFP. I would like you to make the changes (only 3) to the Process, Scope of Work #2 and #12 since you know how you want this presented. I will fix the Evaluation Criteria at the end of the document and prepare for publishing. Please let me know if you have any questions or concerns.

Dianne

---

**From:** Edmondson, Andy, NMENV [mailto:andy.edmondson@state.nm.us]  
**Sent:** Monday, October 06, 2008 1:16 PM  
**To:** Dianne Ross  
**Subject:** RE: status of RFP

Dianne,

# Clipped Legal Notices

• Printer Friendly

- Clear Clips
- Search
- Legal Home

clip REQUEST FOR PROPOSALS / QUALIFICATIONS FOR WATER TREATMENT TESTING / ENGINEERING  
Sandoval County's Development Department is requesting Statements of Qualifications from engineering firms to evaluate and determine the most efficient and effective desalination treatment process for the brackish water resource in the Rio Puerco area of Sandoval County, New Mexico. The successful offeror will solicit proposals, evaluate submitted proposals, and select a subcontractor specializing in the treatment of brackish water based on the subcontractor technological credentials, experience, and their proposed method of conducting a treatment test. The purification options will be evaluated based on their respective ability to process the produced water, projected cost of operations and maintenance through the life cycle of the proposed facility, energy efficiency and environmental impact. The identified alternatives from all proposals will be given a preliminary evaluation in order to come up with a short list of the most feasible alternatives deserving of a more detailed evaluation. With this process it is expected that more than one alternative may be obtained. Proposals will be received at Sandoval County Finance Department until 10:00 a.m., November 14, 2008. Copies of the Request for Qualifications/ Proposals can be obtained in person at the office of Sandoval County Development Division between the hours of 8:00 am. and 12:00 noon, and 1:00 pm and 5:00 pm. at 711 Camino Del Pueblo, 1st Floor, Bernalillo, NM 87004 or will be e-mailed upon written or telephone request to Dianne Ross at (505 ) 867-7551. Journal: October 24, 2008

*Published on October 24, 2008*

Dianne Ross, Deputy Director  
Sandoval County Development Department  
505-867-7551  
505-771-7184 - fax

---

No virus found in this incoming message.

Checked by AVG - <http://www.avg.com>

Version: 8.0.175 / Virus Database: 270.8.6/1769 - Release Date: 11/5/2008 7:17 AM

---

No virus found in this incoming message.

Checked by AVG - <http://www.avg.com>

Version: 8.0.175 / Virus Database: 270.9.0/1771 - Release Date: 11/6/2008 7:58 AM

## Guy Bralley

---

**From:** Tempest, Daniel [TempestDR@cdm.com]  
**Sent:** Friday, November 07, 2008 12:51 PM  
**To:** Guy Bralley  
**Subject:** RE: RFP questions.

Mr. Bralley,

**Question:** Does the three-page Campaign Contribution Disclosure Form count against the 30-page limitation of RFQ/P No. SCDP-0801?

Thank you for your time.

Daniel R. Tempest  
Senior Marketing Writer  
CDM / Albuquerque

Tel: (505) 243-3200  
Direct: (505) 353-3710  
Cell: (505) 559-0056  
Fax: (505) 243-2700  
Email: tempestdr@cdm.com

---

**From:** Guy Bralley [mailto:GBralley@sandovalcountynm.gov]  
**Sent:** Monday, November 03, 2008 3:53 PM  
**To:** kcowham@bhinc.com; Jane O. Winkler; Jesse May; Gloria Hernandez; sdevine@dbstephens.com; Tempest, Daniel; az@imsinfo.com; Adam Pavlicek; glee@uam-llc.com; House, Steve; JoAnne.Barnett@wilsonco.com  
**Cc:** dross@sandovalcounty.com; mspringfield@sandovalcounty.com; kromero@sandovalcountynm.gov  
**Subject:** RFP questions.

Addressees are on our list of requestors for the Desal project competition (RFQ/P No. SCDP-0801).

There has been one question passed to me about a line in the package.

What I have committed to do is answer questions on the text, etc. and to pass all of the answers to all of you. To be of any value to you, I must have them before Friday of this week and the packages remain due to us on Friday of next week. I will do everything I can to get you a response as soon as I can, but in no case later than Monday, 10 November. Tuesday of next week is a holiday in the Court House. E-mails are fine for the questions. I will provide the question and then I will provide the answer. This is the best way I can make this fair to all.

I am fully aware that this is not a lot of time.

I will leave it up to you to decide what you may compromise (your intellectual property or proprietary knowledge) by asking a question when you are aware that all your potential competition will be reading the answer.

Thanks.

Guy Bralley  
Water Resources Administrator  
Sandoval County Development  
505-771-7953 Office