

**Blackland & Cattle**

**From:** Bruce Hallsted [mailto:Bruce.Hallsted@blackland.com]  
**Sent:** Friday, March 27, 2009 3:14 PM  
**To:** [mailto:Bruce.Hallsted@blackland.com]  
**Subject:** Chandler Heights Irrigation

Kelly and Kerry,

Thanks for meeting with me last week regarding the water system analysis for the Chandler Heights Citrus Irrigation District. Here is a list of items that I will need or need a better understanding of to be able to prepare a system analysis on the domestic water system.

1. Map of current system layout including existing pipe sizes and locations, storage facilities and well/pump locations. This could come in the format of multiple as-built plans for the existing facilities but I will need to know what format this information will be in.
2. Water Sources – Need to know if all water comes from ground water or if there are other sources of water. What are those sources? How much flow
3. Storage Facility – Need to know current volume and how it operates – pumping or gravity (is it a tower or a tank with a pump?). What size pump and what pumping capacity (volume) do they currently have?
4. Wells/Pumps –
  - a. Flow capacity – how much water can the well/pump produce for each well.
  - b. Do wells discharge to the water tank or directly into the distribution piping?
  - c. What pressure can they sustain?
5. Current Water Demand – Need info from District on what their current average daily demand is, how many meters and what size they currently have and what is their peak demand.
6. System Pressures
  - a. Need hydrant flow test approximately every 1/2 mile. The fire department may have these tests on record. If not we will need hydrant flow tests. These typically run about \$500 per test. I would estimate that we need 17 tests throughout the system to build a sound water model.

If the information listed above can be provided by the District or the Fire Department, and is reliable, it will eliminate the need to do a lot of testing to collect the data to build the water model. In my mind the District should have info on items 1 thru 5 and the FD should have some info on item 6. I can collect information from Maricopa County, in a GIS format, that will give zoning and land use info for both existing and proposed, ground contours, aerial photos and parcel information that I would utilize for a domestic water model and preparation of exhibits in a water report. The info from the County would have to be purchased (roughly \$1200) but will be far less expensive than going out and collecting this information in the field and inputting it all by hand. If the District or FD are not able to provide this information we can have a testing company take readings in the field. We would need to determine what info we can get and then get a price to have a testing company go out and collect the data.

For the water model, I would build a model of the existing system and describe the existing pressures, system capacity to serve the existing needs and what amount of development might occur and still use the existing system without modification. Then I would build a model to serve the projected system for ultimate buildout of the service area based on the projected land use. The final product will be a written report that will include discussion of line sizing, storage volume and required flow capacity to meet domestic and fire flow needs at buildout. I would include exhibits to show the existing system, proposed system, existing land uses and ultimate land uses. The water model and report for this size system and including the items listed will run \$26,000. The work that I would propose for this includes review and sizing of the distribution system but does not include design of treatment facilities or modification to the water quality.

I need to know more about the irrigation system to speak to what it would take to model it. From our discussion last week it sounded like the system is part pressure and part gravity with stand pipes and alfalfa valves. A gravity system is far more dependent on elevations and system losses and would require a more detailed topo of existing ground and yard valve elevations. If the system is pressure to a discharge point and then gravity from the

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discharge point, the model for the pressure portion would be very similar to the domestic water model. The gravity portion would still need a more detailed topo to be able to model flows. The model for the irrigation system could be far more extensive than the domestic water model.

I am interested in doing the domestic water model. I am interested in doing the irrigation model as well but I believe the cost to model the entire irrigation system could become quite expensive mostly due to the gravity component.

I did not get your contact info other than this email address. Please give me a call with any questions you have or to discuss what route you would like to take to move forward.  
Thanks,

**Bruce Hallsted, P.E.**

eps group Inc | 2045 S. Vineyard, Suite 101 | Mesa, AZ 85210

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April 20, 2009

Proj. No. 080915

Mr. Patrick O'Malley  
President  
**Chandler Heights Citrus Irrigation District**  
P.O. Box 9038  
Chandler Heights, Az 85227

Re: Proposed Church of Jesus Christ of Latter-day Saints Meetinghouse  
SEC San Tan Blvd & Lemon Dr.

Dear Mr. O'Malley:

From discussions with the district at various public meetings it is the Church of Jesus Christ of Latter-day Saints (Church) understanding that the Chandler Heights Citrus Irrigation District (CHCID) has the capacity to provide for potable and landscape water use. We further understand that the district's system is unable to provide for fire protection in a manner that is acceptable and required by the state fire marshal. Pursuant to discussions with the District at various public meetings, and from coordination efforts with the district's engineer, the Church submits the following proposal for improvements to the CHCID water system which will allow the system to provide for all the water needs of the above referenced church building.

**Distribution System Improvements.** Install a new water main from the District's plant (SEC Valencia Ave. & Stacey Rd.) west along Stacey Road to Lemon, then north along Lemon Avenue to the San Tan Boulevard.

1. Research existing easements and rights-of-way along proposed water main route. All proposed water main facilities will be installed within existing public rights-of-way or CHCID utility easements. There is no anticipated off-site right-of-way acquisition or easement.
2. Stacey Drive: ± 1,600 l.f. of 12" P.V.C. (C900) water main with required valves and fittings.
3. Lemon Drive: ± 2,000 l.f. of 12" P.V.C. (C900) water main with required valves and fittings.
4. Connect to the 6" water mains that currently connect to the 6" main being replaced using 12"x12" tee's or cross's and 12" valves at major intersections (Stacey/ Lemon & @ Stacey & the plant); and 12"x 6" tee or crosses at the minor intersections (Happy & Watford). Connect the new 12" main to the existing 6" main on the south side of San



Tan Boulevard to terminate line expansion portion of the project. Install in line valves and appurtenances as required.

5. Connect existing water meters, serving the residences, to the new main as required ( $\pm$  30 connections).
6. Coordinate construction scheduling with CHCID engineer and its customers to address and minimize impacts of construction on existing water service.
7. Install 8" P.V.C. (C900) fire line loop through proposed LDS church property as part of the CHCID's system. Dedicate exclusive water line easement to CHCID over proposed on-site water main facilities.
8. Install two on-site fire hydrants on the aforementioned fire line loop to meet International Fire Code, Appendix B requirements for site hydrant spacing.
9. Pressure test all newly installed lines. Disinfect and flush all newly installed lines in accordance with MAG specification 611 and AWWA 651-5; Perform functional check-out of new system with CHCID engineer.

**Production System Improvements.** Replace 40 horsepower pump with a new 65-75 horsepower pump at the District's plant and make ancillary plant improvements to accommodate new pump.

CHCID's responsibility:

1. Relocate existing hydropneumatic (pressure) tank at south end of the pump house.
2. Expand pump house building to accommodate new pump/ 400 amp service & controls.

Church's responsibility:

1. Add new 75-65 hp booster pump ( $\pm$  1400 gmp). to existing pump system with VFD and necessary electrical and mechanical components.
  2. Remove existing 200 amp electric service and install 400 amp electrical service to accommodate the additional demand placed on the system by the new pump; include 15 KVA 480/ 120-230 volt transformer and 20 120/ 230 volt circuit breaker panel with necessary breakers; as necessary for the addition of the larger pump. Reconnect all equipment.
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3. Reconnect hydropneumatic tank from it's new location, on west side of pump building, to existing 6" steel line, on east side of pump building, using 6" ductile iron pipe ( $\pm 20$  feet).
4. Run power source (120 or 240 volt) to existing air compressor on the top of the newly relocated hydropneumatic tank to connect.
5. Plant/ Distribution System Connection: Reconnect pump station to new 12" P.V.C. (C900) water distribution system by installing 12"x 8" reducer (increaser), 12" steel pipe ( $\pm 20$  feet), 12" valve and 12" tee.
6. Stacey Road East. Install 12" valve and 20 linear feet of 12" P.V.C. (C900) to the east of the aforementioned 12" tee and connect to the existing 6" main (going east on Stacy Dr.) with a 12"x 6" reducer and slide coupling, etc.
7. Church's contractor shall contact the districts mechanical and electrical sub-contractor's and obtain construction bids for all plant work. Should said contractor's bids be the low bid, the contractor shall use districts sub-contractors. The church reserves the right to use sub-contractors other than those of the districts should the district's sub-contractors not be the low bid.
8. Install necessary temporary piping at plant to keep district water service in service during construction. Coordinate all work with CHCID engineer and consultants.
9. Coordinate construction scheduling with CHCID to minimize impacts of construction on district water service.
10. Pressure test all newly installed lines. Disinfect and flush all newly installed lines in accordance with MAG specification 611 and AWWA 651-5; Perform functional check-out of new system with CHCID engineer.

**Engineering Plans & Approvals.** The Church shall be responsible for the preparation of engineering plans, submittals and approvals through the District and pertinent state and county agencies.

1. Distribution & System Production Engineering Plans. Coordinate the location of new water main improvements with the district's engineer; prepare engineered plans to CHCID district, state and county standards for waterline system improvements; Coordinate pump connection and related details with the district's engineer for pump system modifications; submit plans to district and Maricopa County for review and approval.
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2. Approval to Construct. Apply for and secure Approval to Construct (ATC) from Maricopa County Environmental Services Department (MCESD).
3. Completion Certifications. Upon the completion of the system improvements and approval of the District, prepare Approval of Construction application and submit to MCESD for Approval OF Construction (AOC) certificate. Coordinate applicable testing of water main facilities and submit test results to MCESD for approval as part of AOC package.

**System Improvement & Project Schedule.** As discussed in previous meeting, the Church currently has approval of all applicable review agencies for their new church building improvement plans, with the exception of CHCID. It has been demonstrated, through field flow tests, that the water system can provide the required fire hydrant flow of 1500 gal/minute. This flow is sufficient to allow immediate construction of the new church building.

1. Waterline & System Engineering Plans. The Church's consultant shall begin immediately to prepare the line extension and system improvement plans.
2. Church Construction. The district will provide the necessary written approvals within 48 hours of districts acceptance of this agreement to allow church construction to begin immediately.
3. Water System Improvements. While the church is being constructed (+1-year) the CHCID water system improvements will be installed, inspected and approved.
4. Certificate of Occupancy. The Church understands that the district will not approve the certificate of occupancy prior to all water system improvements being installed, accepted and place online.

In light of the large scope of these proposed system improvements and the significant capital outlay on the part of the Church, the Church requests that a 'Buy-Back' or 'Buy-In' agreement be established to reimburse the Church for a portion of its expenses. Said Buy-Back or Buy-In agreement would assign a lineal-foot cost to the project improvements and assess a fee based on frontage to persons tapping into this line for future development and use.

In summary, the Church proposes to prepare the necessary construction documents, submit for required approvals, install the required water system improvements and secure final approval of new improvements. The District will

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be responsible for reviewing and approving all construction plans and specifications; and performing all construction inspection.

We request that this proposal be reviewed in a timely manner and accepted by Chandler Heights Citrus Irrigation District so that work can commence on the proposed utility improvements and the new church building construction. Thank you.

Respectfully,

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The Corporation of the Presiding  
Bishop of the Church of Jesus Christ  
of Latter-day Saints, a Utah  
corporation sole

A handwritten signature in black ink, appearing to read 'William H. Standage'. The signature is fluid and cursive, written over a horizontal line.

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William H. Standage, P.E., R.L.S.  
Principal  
Standage & Associates, Ltd.

**Exhibit 7**  
**CHCID REQUIREMENTS FOR**  
**NEW COMMERCIAL DOMESTIC & IRRIGATION WATER LINE**  
**INSTALLATIONS**  
**PER MARICOPA ASSOCIATION of GOVERNMENTS (MAG)**  
**UNIFORM STANDARD SPECIFICATIONS for PUBLIC WORKS**  
**CONSTRUCTION AND AWWA 600**

All new commercial water main lines that are to be installed in the Chandler Heights Citrus Irrigation District, shall conform to the MAG specifications 601 through 611, 630 through 631, other appropriate sections, and CHCID engineer's approval.

- 1- Prior to starting any water line construction, the contractor shall attend a coordination meeting with our CHCID engineer and receive a copy of the above specifications. In addition to the specifications, a list of the approved pipe, fittings, valves, meter boxes and covers, fire hydrants, and other material to be used for any project will also be provided by the CHCID engineer.
- 2- All pipe shall be a minimum size of 6" and maximum 12", C-900, class 150, bell & spigot with a rubber gasket in the bell end for domestic water. NSF approved lubricant, for the use in drinking water systems, shall be used on each rubber gasket for ease of joining the pipe and to prevent rolling the gasket.
- 3- All below grade valves on main lines and fire hydrants shall be Muller number 2360 Gate Valves. These valves are available with MJ X MJ connections or MJ X Flange connections. All bolted below ground metal valves and fittings, shall be protected from corrosion by encasement in a polyethylene protective wrapping, referred to hereafter as poly-wrap, per MAG Specifications 601.5 through 601.5.3. Valve boxes and covers shall comply with MAG Detail 391-1B with the word, "WATER" molded in cover. Locking type debris caps as manufactured by SW Services, Model R-457-B, or equal, shall be installed inside each valve box in compliance with MAG detail 392 and as directed by the CHCID engineer.
- 4- The contractor shall submit five copies of each submittal for each item to be used on any project to the CHCID engineer for approval. Any material purchased by contractor prior to CHCID submittal approval, shall be at his own risk and may be rejected by CHCID. Three copies of each submittal shall be returned to contractor as "accepted" or "with comments". Submittals shall be reviewed only two times without additional cost to the contractor.
- 5- All trenches for main lines shall have a minimum depth of five feet and a width in accordance with Table 601-1 of the MAG Specifications.

- 6- At no time shall the contractor have more than 1320 feet of open trench. (MAG 601-2.10) Trenches in paved roads and main unpaved road areas are to be considered open until all ABC for pavement placement has been placed and compacted to 95%. Trenches in any utility easement street, road or alley right of way, outside of paved street areas are to be considered open until the backfill has been properly installed and compacted to 85% to 90% in accordance with MAG table 601-2.
- 7- Prior to excavation, contractor shall call for blue-stake. After all existing underground utilities have been identified, the contractor shall be responsible and liable for any damages to or interruption of any service caused by the construction.
- 8- Pipe bedding material shall be a minimum depth of 6" and consist of clean granular material such as, sand, pea-gravel or native soil, free of broken concrete, broken pavement, wood, or other deleterious material, as approved by the CHCID engineer. The pipe zone material shall be of like kind as bedding and shall extend from the pipe bedding to 12" above the top of the pipe.
- 9- Trench widths shall conform to MAG specifications table 601-1. All trench excavation shall comply with OSHA requirements and MAG specifications 601.2.9. . Backfill material shall be of approved material and shall be placed and compacted to 85% to 90% in 8" lifts from the pipe zone material to finished grade for unpaved areas and to 95% to finished sub-grade for paved areas and main roads. Compaction of backfill material shall comply with MAG specifications table 601-2. All new domestic PVC water main line trenches shall be backfilled to 18" below the surface, then a continuous metallic locator tape shall be placed in the middle of the trench. Backfill and compaction shall continue from this point until trench backfill and compaction is completed.
- 10-The contractor shall employ and pay for the services of an Arizona State Approved Testing Lab for the purpose of testing the density of compaction of all backfill material. Compaction tests shall be performed every 100 feet of trench or as directed by the CHCID engineer and at each 2 foot lift and accordance with paragraphs 5 and 8. CHCID shall be notified when these tests are to be performed and may request to be present to witness these test. Copies of all compaction test results shall be given or sent to CHCID. CHCID shall, if not present for any test, be notified immediately should any compaction test fail.
- 11-All installations of any underground water lines shall be inspected and approved by CHCID prior to placing pipe zone and backfill material. Incomplete water lines shall be plugged or capped at the end of each work shift to prevent rodents or foreign material from entering pipe lines.

During construction, all pipe and fittings shall be kept clean and clear of any damage. No pipe shall be installed that shows any signs of UV or other damage.

12-Newly laid or repaired water mains shall be flushed, pressure tested, disinfected and final flushed prior to placing into service.

Primary Flushing of Water Lines: New and repaired water lines smaller than 12" shall be flushed for a minimum period of fifteen minutes. This is accomplished with all pipe joints and couplings left exposed.

Pressure Testing of Main Lines: With all pipe joints and couplings exposed, all new and repaired water mains shall be tested at a minimum of 200 PSI for a period of two hours. Maximum PSI loss shall not exceed two PSI during the two hour test. CHCID shall witness all pressure tests.

Disinfection of Water Lines: Disinfection of all water mains shall be completed in accordance with MAG Specifications 611.6 , 611.11 and AWWA 651-9 using an NSF approved, 12.5% LIQUID bleach solution for 24 hours.

The amount of the 12.5% bleach solution to be used shall be so sufficient that, after the 24 hour test, the chlorine residual shall not be less than 10.0 PPM . Should the residual be less than 10 PPM, the contractor shall retest until an acceptable result can be accomplished. The CHCID engineer shall witness and approve all of these tests.

13- Final Flushing, Sampling and Testing of All New and Repaired Main Lines:

After a successful disinfection test, the new or repaired main lines shall be flushed and tested in accordance with the MAG Specifications 611.15, AWWA 651-05, Sec. 4.5 and until the chlorine residual throughout the line is reduced to 1.0 PPM or less. CHCID may witness this process, but the contractor shall be required to send a copy of final Lab Test Report to CHCID for record.

14-All cost requiring any existing CHCID system upgrades, to facilitate water service to new installations, shall be paid to CHCID prior to beginning construction.

15-During construction of any new water mains or water lines requiring CHCID water service, owner or contractor shall keep CHCID informed of the project progress and request for inspections shall be made at least 24 hours prior to inspection time and date.

16-In the event any work associated with the installation of new water mains or water lines is found NOT to be in compliance with CHCID requirements, CHCID may issue a "Stop Work Order" requiring all work to be stopped until the non-compliance work has been corrected to the satisfaction of CHCID.

- 17-Upon substantial completion (system operational) of work, a walk through with the CHCID engineer shall be required and any items found to need correcting, "Punch List Items" shall be corrected. Once all listed items have been corrected, a final walk through inspection shall be made. Should there be no further infractions or non-compliance items found, CHCID shall issue a "Letter of Final Completion" to the owner or developer.
- 18-At the same time, the owner shall issue to CHCID, a one year unconditional warranty covering all of his work, including his labor and material, one set of as-built drawings, and a letter or "Certificate of Ownership" of the newly constructed water lines and easements required for the operation and maintenance of system.
- 19-Should the owner or contractor need any additional information during construction, we encourage you to contact CHCID prior to proceeding with the work.

METER COST, WATER RATES AND REQUIRED WATER SUPPLY TO TREATMENT PLANT, USERS WATER DEMAND, WATER STORAGE, UP-GRADE TO ANY OF THE CHCID WATER CONVEYANCE INFRASTRUCTURE SYSTEM, TREATMENT SYSTEM AND PUMPING SYSTEM, AND OVERALL CONSTRUCTION COST TO MEET DEVELOPERS OR OWNERS WATER DEMAND SHALL BE PAID TO CHCID PRIOR TO STARTING ANY CONSTRUCTION.

IMPACT FEES DO NOT INCLUDE THE COST FOR DOMESTIC WATER METERS, LANDSCAPE WATER METERS AND FIRE PROTECTION SERVICES.

CHCID may change any of these cost or requirements as necessary to stay in compliance with EPA, ADEQ, MCD and CHCID requirements and to maintain a sufficient financial stability at any time and without notice.

**DOMESTIC METER COST**

5/8" X 3/4" Meter	\$8,000.00
3/4" Meter	\$10,000.00
1" Meter	\$16,000.00
1 1/2" Meter	\$25,600.00
2" Meter	\$40,960.00

**IRRIGATION METER COST**

5/8" x 3/4" Meter	\$8,000.00
3/4" Meter	\$10,000.00
1" Meter	\$16,000.00
1 1/2" Meter	\$25,600.00
2" Meter	\$40,960.00

**FIRE PROTECTION SERVICE**

1" Service	\$16,000.00
1 ½" Service	\$25,600.00
2" Service	\$40,960.00
2 ½" Service	\$65,536.00
3" Service	\$104,858.00
4" Service	\$167,773.00

**RESIDENTIAL WATER RATES WITH TAX**

0 TO 3000 Gallons	\$26.51
Over 3000, each 1000 gallons	\$3.20
3000 gallons to 6000 gallons, $\$26.51 \times 3 \times \$3.20 =$	\$36.11
3000 gallons to 10,000 gallons, $\$26.51 \times 7 \times \$3.20 =$	\$48.91
3000 gallons to 14,000 gallons, $\$26.51 \times 11 \times \$3.20 =$	\$61.71
3000 gallons to 18000 gallons, $\$26.51 \times 15 \times \$3.20 =$	\$74.51
3000 gallons to 22,000 gallons, $\$26.51 \times 19 \times \$3.20 =$	\$87.31

**COMMERCIAL WATER RATES (NOT INCLUDING TAX)**

0 to 3000 gallons, $\$26.51 \times 1.6 =$ Base Rate of	\$42.42
3000 gallons to 6,000 gallons, $\$42.42 \times .17 =$ \$7.21/1000 gallons	\$64.05
6,000 gallons to 10,000 gallons, $\$42.42 \times .20 =$ \$8.48/1000 gallons	\$76.34
10,000 gallons to 14,000 gallons, $\$42.42 \times .23 \times \$9.75/1000$ gallons	\$81.42
14,000 gallons to 18,000 gallons, $\$42.42 \times .37 \times \$15.70/1000$ gallons	\$105.22
18,000 gallons to 22,000 gallons, $\$42.42 \times .45 \times \$19.09/1000$ gallons	\$118.78
22,000 gallons and over, \$118.78 plus \$25.00 per 1000 gallons	

Cost directly associated to the "new" development, which directly or indirectly requires additional up-grades and improvements to any part of the CHCID overall infrastructure, including the purchase of any real-estate for any required easements, as determined by the CHCID engineer and board, will be paid in full, by the developer or owner to CHCID prior to commencing any work. The developer or owner shall convey to CHCID, a full size set of "As Built Drawings" reflecting all completed work and any newly acquired easements prior to receiving a "Letter of Final Acceptance and Completion by CHCID.

All cost related to improving or up-grading the CHCID infrastructure, and the cost of purchasing any easements, required to provide water service to the new development, shall be included and referred to as "Impact Fees, Construction Cost, or Development Cost ". As stated above, all of these cost, plus the cost for water meters and fire protection shall be the responsibility of the developer or owner and are to be paid to CHCID in full, prior to starting any construction.

Approved by the CHCID BOARD, April 21, 2009

Pat O'Malley\_\_\_\_\_

Gene Rose\_\_\_\_\_

Derek Arnson\_\_\_\_\_

Chandler Heights Citrus Irrigation District  
All Transactions for Mariscal Weeks McIntyre & Friedlander  
All Transactions

Type	Num	Date	Memo	Amount
Bill	418189	12/24/2008	Nov 2008 Services	-1,032.38
Bill		11/19/2008	Oct 2008 Services	-617.50
Bill	413409	10/13/2008		-1,455.00
Bill	411259	09/11/2008		-529.43
Bill	408538	07/31/2008	July Services	-1,437.50
Bill	406253 June 2008	06/30/2008		-870.00
Bill	405359/16531-1	06/20/2008	chcid	-1,537.50
Bill	403240/16531-1	05/28/2008		-5,447.60
Bill	399851	04/14/2008		-337.50
Bill	397718	03/13/2008		-1,192.95
Bill	395997	02/21/2008		-325.00
Bill	392743,393755	12/27/2007		-870.81
Bill	16531-1	11/21/2007	VOID:	0.00
Bill	16531-1	11/16/2007		-15,000.00
Bill	387773	10/11/2007		-1,839.60
Bill	387774	10/11/2007		-276.69
Bill	384591	09/25/2007		-12,932.92
Bill	385402	09/17/2007		-548.42
Bill	380785	08/22/2007		-14,344.02
Bill	384592	08/22/2007		-330.00
Bill	380785	08/22/2007		-14,355.03

Total

**Chandler Heights Citrus Irrigation District**  
**All Transactions for Mariscal Weeks McIntyre & Friedlander**  
**All Transactions**

<u>Type</u>	<u>Num</u>	<u>Date</u>	<u>Memo</u>	<u>Amount</u>
Bill Pmt -Check	7364	01/02/2009	16531-1	-1,032.38
Bill Pmt -Check	7278	12/05/2008	16531-1	-617.50
Bill Pmt -Check	7159	10/17/2008	16531-1	-1,455.00
Bill Pmt -Check	7093	09/26/2008	16531-1	-529.43
Bill Pmt -Check	6989	08/15/2008	16531-1	-1,437.50
Bill Pmt -Check	6906	07/15/2008	16531-1	-870.00
Bill Pmt -Check	6879	07/09/2008	16531-1	-1,537.50
Bill Pmt -Check	6844	06/20/2008	16531-1	-5,447.60
Bill Pmt -Check	6730	05/07/2008	16531-1	-337.50
Bill Pmt -Check	6698	04/24/2008	16531-1	-1,192.95
Bill Pmt -Check	6664	04/07/2008	16531-1	-325.00
Bill Pmt -Check	6507	01/22/2008	16531-1	-870.81
Bill Pmt -Check	6436	12/26/2007	VOID: 16531-1	0.00
Bill Pmt -Check	6342	11/16/2007	16531-1	-15,000.00
Bill Pmt -Check	6314	11/08/2007	16531-1	-12,932.92
Bill Pmt -Check	6303	10/31/2007	16531-1	-2,116.29
Bill Pmt -Check	6174	09/25/2007	16531-1	-14,355.03
Bill Pmt -Check	6154	09/17/2007	16531-1	-548.42
Bill Pmt -Check	6129	09/07/2007	16531-1	-14,674.02

**Total**

10:11 AM  
04/16/09

**Chandler Heights Citrus Irrigation District**  
**All Transactions for Mariscal Weeks McIntyre & Friedlander**  
**July 2008 through June 2009**

	<u>Type</u>	<u>Num</u>	<u>Date</u>	<u>Memo</u>	<u>Amount</u>
Jul '08 - Jun 09					
	Bill	STMT # 423302	03/13/2009	Legal Svcs: 02/16/09 - 02/20/09	-221.10
	Bill	STMT # 421031	02/12/2009	Legal Svcs: 01/13/09 - 01/26/09	-267.20
	Bill	STMT #419166	01/15/2009	Legal Svcs: 12/15/08 - 12/31/08	-833.18

Jul '08 - Jun 09

**Chandler Heights Citrus Irrigation District**  
**All Transactions for Mariscal Weeks McIntyre & Friedlander**  
**July 2008 through June 2009**

	<u>Type</u>	<u>Num</u>	<u>Date</u>	<u>Memo</u>	<u>Amount</u>
<b>Jul '08 - Jun 09</b>					
	Bill Pmt -Check	7587	04/03/2009	Legal Svcs: 02/16/09 - 02/20/09	-221.10
	Bill Pmt -Check	7489	02/27/2009	Legal Svcs: 01/13/09 - 01/26/09	-267.20
	Bill Pmt -Check	7419	01/30/2009	Legal Svcs: 12/15/08 - 12/31/08	-833.18
<b>Jul '08 - Jun 09</b>					

Why National Bank of Arizona is the sensible option...

In summary, we are recommending moving our business checking and credit card accounts from JP Morgan Chase to National Bank of Arizona for the following reasons:

1. No personal guarantee required on either the business checking or credit card accounts
2. National Bank of Arizona (NBA) offers check scanning software and equipment that will generate the daily, weekly and monthly reports that we need to streamline our annual auditing processes and will help increase production by providing us the ability to work both quickly and efficiently when receiving payments and generating the necessary tracking support and documentation. Currently we are photo copying every check and attaching it to a daily report that we run from either Inhance or QuickBooks. If we elected to stay with Chase or move to any of the other financial institutions we've shopped, we will not eliminate that part of our accounting processes.
3. We will be paying about the same or slightly more in transaction fees for an analysis business account with NBA that offers more features and benefits than what we currently have with Chase. We will be paying \$25 more per month for the NBA check scanner but the amount we are charged per transaction will decrease significant due to how NBA defines a "transaction" vs. how Chase defines it.
4. NBA acts as a gateway for our online payment interface and does not outsource any of their ACH or EBT functions or services, however, the equipment is of course is manufactured by an outside company. The upside? NBA offers "one-stop" shopping if you will.
5. They closest branch is conveniently located at Pecos and Market Street/San Tan Parkway. With the check scanner, checks are deposited the same night automatically, eliminating the need to go to the bank daily unless we decide to do cash deposits on a daily basis. Our currently plan to deposit cash on a weekly basis unless there is an influx in the amount we normally have on hand. \*\*A side note, our Accountant Chriss and I would like to eliminate accepting cash for payments altogether and Elizabeth has expressed interest in accepting cash for payments but not giving change so customers would essentially have to come in with exact change or any overage would be applied to their account. I'm personally not a proponent of forcing a customer to pay more than they owe. On the irrigation side that may not pose a problem but from a customer service standpoint in general, I don't think that's a good practice.
6. Elizabeth working with the National Bank of AZ system for over 3 years at her last job so she is very familiar with the system which would eliminate the need for additional training and related costs. And Chriss recommended NBA over Chase when she first came on board with the District, indicating that many of her small-business clients use them and save quite a bit in fees when compared to other banks and the services provided.

\*\*So are we saving money by leaving Chase and moving to Nat'l Bank of AZ? Yes and no... for about the same amount of money per month, we will be getting a better service that will enable our office associates to work quickly and more efficiently, completely the same and additional tasks, in less time. It's a good move no matter how we look at it.

One or all Board Members will need to arrange a time that is convenient to go down National Bank of AZ and open the account with the required minimum deposit. We in the office will then start the transition of automatic payment accounts, direct deposits, automatic withdrawals, etc ...we estimate that the complete transition from Chase to NBA will take about 3-4 weeks.

If you have any additional questions or concerns, please advise accordingly.

Thanks for your support!

The Office Team