

Attachments

- 4a Fresno ID Similar Grant Project Costs
- 4b Fresno ID Canvass of Bids for Similar Groundwater Banking Project
- 4c Laguna ID and City of Lemoore Agreement
- 4d Laguna ID Financial Records
- 4e Bakman Costs for Prior Meter Installations
- 4f Bakman Quotes for Meters
- 4g Bakman GAC Vessel Quote
- 4h San Joaquin Well 4 Rehabilitation Quote and Water Meter Quotes
- 4i Kerman Capital Budget and Newsletter Communication

**FID JAMESON POND EXPANSION PROJECT - PHASE II
DETAILED COST SUMMARY**

Task No.	Item	Work or Material	Original (Per March 2011 Workplan)					Proposed Revision						
			Quantity	Unit	Cost	Per Unit	Amount	Quantity	Unit	Cost	Per Unit	Amount		
1	Project Administration													
		Construction Inspection, DWR Quarterly Reports, estimated at 2% of construction cost	1	lump sum	\$16,000	lump sum	\$	16,000	1	lump sum	\$16,000	lump sum	\$	16,000
2	Project Engineering, Design, Bidding													
	<i>Subtask 2.1 - Engineering Design</i>													
		Complete Project Plans and Specifications, estimated at 3% of construction costs	1	lump sum	\$24,000	lump sum	\$	24,000	1	lump sum	\$24,000	lump sum	\$	24,000
	<i>Subtask 2.2 - Project Bidding</i>													
		Project Bidding Assistance, estimated at 1% of construction costs	1	lump sum	\$8,000	lump sum	\$	8,000	1	lump sum	\$16,000	lump sum	\$	16,000
3	Construction													
	<i>Subtask 3.1 - All Contracts</i>													
	1	Mobilization, Bonds, Insurance, Workers Compensation ¹	1	lump sum	\$36,000	lump sum	\$	36,000	1	lump sum	\$29,667	lump sum	\$	29,667
	2	Misc. Facilities and Operations ²	1	lump sum	\$22,000	lump sum	\$	22,000	1	lump sum	\$13,633	lump sum	\$	13,633
	3	Worker Protection ³	1	lump sum	\$7,000	lump sum	\$	7,000	1	lump sum	\$167	lump sum	\$	167
	<i>Subtask 3.2 - Structures and Earthwork Contract⁴</i>													
	3	Construct Regulation Box	1	lump sum	\$87,500	lump sum	\$	87,500	1	lump sum	\$87,500	lump sum	\$	87,500
	4	Construct Concrete Canal Lining at Outfall	2,270	sq ft	\$11	sq ft	\$	24,970	2,270	sq ft	\$11	sq ft	\$	24,970
	5	Construct Reservoir Well Pad Embankment	1,800	cu yds	\$4.00	cu yds	\$	7,200	1,800	cu yds	\$4.00	cu yds	\$	7,200
	6	Increase Pipe Size from 15" to 24" dia. PVC for Well Discharge Pipeline	555	linear ft	\$33	linear ft	\$	18,315	555	linear ft	\$33	linear ft	\$	18,315
	7	F&I 15" dia. PVC for Well Discharge Pipeline	1,200	linear ft	\$33.04	linear ft	\$	39,648	1,200	linear ft	\$33.04	linear ft	\$	39,648
	<i>Subtask 3.2.1 - Cell 1 Improvements</i>													
		Clearing and grubbing							1	lump sum	\$1,000.00	lump sum	\$	1,000
		Over Excavate and Recompact Toe							2,000	cu yds	\$3.00	cu yds	\$	6,000
		Construct Levee							14,700	cu yds	\$3.00	cu yds	\$	44,100
		Budget for Engineering (Revise Drawings, Develop Bid Package)							1	lump sum	\$6,500.00	lump sum	\$	6,500
		Budget for CM (Geotech Testing, 40 testing hours, plus reports)							1	lump sum	\$6,500.00	lump sum	\$	6,500
		Cell 1 Rip Rap SE corner							655	TN	\$50.00	TN	\$	32,747
	<i>Subtask 3.3 - Recovery Well Contract (RW 403)</i>													
	8	Construct Extraction Well (Drilling & Casing)	1	ea	\$190,000	ea	\$	190,000	1	ea	\$184,750	ea	\$	184,750
	<i>Subtask 3.4 - Recovery Well Equipping Contract (RW 403)</i>													
	9	F&I Extraction Well Equipment, Discharge, & Appurtenances	1	ea	\$242,500	ea	\$	242,500	1	ea	\$107,500	ea	\$	107,500
	10	F&I 3/4 inch Gravel Road Surface	300	ton	\$41.00	ton	\$	12,300	939	ton	\$41.00	ton	\$	38,499
	11	Electrical Work	1	lump sum	\$50,000	lump sum	\$	50,000	1	lump sum	\$61,600	lump sum	\$	61,600
	12	Controls/Integration	1	lump sum	\$50,000	lump sum	\$	50,000	1	lump sum	\$9,301	lump sum	\$	9,301
	<i>Subtask 3.5 - Construction Observation</i>													
		Field review during each construction contract, estimated at 3% of construction costs	1	lump sum	\$24,000	lump sum	\$	24,000	1	lump sum	\$0	lump sum	\$	-
	<i>Subtask 3.6 - Record Drawings</i>													
		Prepare record drawings for each construction contract, estimated at 0.5% of construction costs	1	lump sum	\$4,000	lump sum	\$	4,000	1	lump sum	\$4,000	lump sum	\$	4,000
4	Environmental Mitigation													
		Environmental Mitigation as needed, estimated at 0.25% of construction costs	1	lump sum	\$3,000	lump sum	\$	3,000	1	lump sum	\$0	lump sum	\$	-
5	Public Outreach													
		Development of Monitoring Committee, Quarterly Committee Meetings, included in O&M Costs	1	lump sum	\$2,000	lump sum	\$	2,000	1	lump sum	\$2,940	lump sum	\$	2,940
Notes:			Total⁵ = \$ 868,500					Total⁵ = \$ 782,600						
1) Estimated at 5% of items 3 through 12.														
2) Estimated at 3% of items 3 through 12.														
3) Estimated at 1% of items 3 through 12.														
4) Based on the actual costs under the Structures and Earthwork Contract.														
5) Rounded to nearest \$500.														

CANVASS OF BIDS
FRESNO IRRIGATION DISTRICT
JAMESON POND NO. 174 EXPANSION PROJECT

Bid Opening Date 9/8/2010
 Prevailing Wages Required YES

Project Manager RSH
 Project Engineer RSH

Item	Description	Quantity	Unit	APPARENT LOW BIDDER									
				ENGINEER'S ESTIMATE		Emmett's Excavation		Floyd Johnston		Granite Construction		American Paving	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
Base Bid													
1	Mob./Demob., Bonds, Insurance, and Permits	1	LS	\$131,000	\$ 131,000	\$ 65,000	\$ 65,000	\$ 70,955	\$ 70,955	\$ 142,000	\$ 142,000	\$ 247,000	\$ 247,000
2	Worker Protection	1	LS	\$19,000	\$ 19,000	\$ 5,000	\$ 5,000	\$ 6,320	\$ 6,320	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000
3	Miscellaneous Facilities and Operations	1	LS	\$56,000	\$ 56,000	\$ 85,000	\$ 85,000	\$ 20,100	\$ 20,100	\$ 15,000	\$ 15,000	\$ 64,000	\$ 64,000
EARTHWORK													
4	Clearing and Grubbing	80	AC	\$400	\$ 32,000	\$ 150	\$ 12,000	\$ 230	\$ 18,400	\$ 1,800	\$ 144,000	\$ 1,600	\$ 128,000
5	Site Demolition	1	LS	\$30,000	\$ 30,000	\$ 6,500	\$ 6,500	\$ 1,660	\$ 1,660	\$ 2,800	\$ 2,800	\$ 11,000	\$ 11,000
6	Reshape South Levee of Existing Jameson Pond (F)	2,315	LF	\$20	\$ 46,300	\$ 3.20	\$ 7,408	\$ 4.05	\$ 9,376	\$ 13	\$ 30,095	\$ 3.00	\$ 6,945
7	Construct Reservoir and Convey. Canal Keyway (F)	95,000	CY	\$4.00	\$ 380,000	\$ 1.50	\$ 142,500	\$ 2.00	\$ 190,000	\$ 3.00	\$ 285,000	\$ 1.50	\$ 142,500
8	Construct Reservoir Embankment (F)	102,000	CY	\$3.25	\$ 331,500	\$ 1.70	\$ 173,400	\$ 2.05	\$ 209,100	\$ 3.00	\$ 306,000	\$ 3.60	\$ 367,200
9	Const. Conveyance Canal N. Levee to Expan. Basin (F)	36,000	CY	\$3.25	\$ 117,000	\$ 2.00	\$ 72,000	\$ 2.05	\$ 73,800	\$ 3.00	\$ 108,000	\$ 5.00	\$ 180,000
10	Raise Cell 1 East Levee (F)	900	CY	\$3.25	\$ 2,925	\$ 6.00	\$ 5,400	\$ 6.75	\$ 6,075	\$ 4.00	\$ 3,600	\$ 9.00	\$ 8,100
11	Construct RW403 Well Pad (F)	1,800	CY	\$3.25	\$ 5,850	\$ 4.00	\$ 7,200	\$ 4.70	\$ 8,460	\$ 4.00	\$ 7,200	\$ 6.00	\$ 10,800
12	Deep Rip Cell 2 Floor to 3 feet (F)	48	AC	\$250	\$ 12,000	\$ 250	\$ 12,000	\$ 300	\$ 14,400	\$ 525	\$ 25,200	\$ 280	\$ 13,440
13	F&I Crushed Rock on Interior Access Ramps (F)	65	TN	\$60	\$ 3,900	\$ 75	\$ 4,875	\$ 70	\$ 4,550	\$ 60	\$ 3,900	\$ 70	\$ 4,550
14	F&I Class II Agg Base on Exterior Access Ramps (F)	80	TN	\$60	\$ 4,800	\$ 65	\$ 5,200	\$ 50	\$ 4,000	\$ 45	\$ 3,600	\$ 47	\$ 3,760
15	F&I Perimeter Fence	6,930	LF	\$11	\$ 76,230	\$ 9.10	\$ 63,063	\$ 9.00	\$ 62,370	\$ 11.50	\$ 79,695	\$ 7.50	\$ 51,975
16	F&I Double 12' Drive Gate	1	EA	\$2,500	\$ 2,500	\$ 750	\$ 750	\$ 750	\$ 750	\$ 1,400	\$ 1,400	\$ 1,250	\$ 1,250
17	F&I Double 8' Drive Gate	1	EA	\$2,000	\$ 2,000	\$ 650	\$ 650	\$ 650	\$ 650	\$ 825	\$ 825	\$ 1,000	\$ 1,000
STRUCTURES													
18	Construct Lower Dry Creek Canal No. 77 Pipe Extension	1	LS	\$32,000	\$ 32,000	\$ 68,500	\$ 68,500	\$ 37,120	\$ 37,120	\$ 45,000	\$ 45,000	\$ 77,000	\$ 77,000
19	Construct Lower Dry Creek Canal No. 77 Turnout Struct.	1	LS	\$190,000	\$ 190,000	\$ 60,000	\$ 60,000	\$ 177,925	\$ 177,925	\$ 85,000	\$ 85,000	\$ 208,000	\$ 208,000
20	Construct Interbasin Structure	1	LS	\$229,000	\$ 229,000	\$ 215,000	\$ 215,000	\$ 253,255	\$ 253,255	\$ 150,000	\$ 150,000	\$ 326,000	\$ 326,000
21	Construct Outlet Structure	1	LS	\$104,000	\$ 104,000	\$ 87,500	\$ 87,500	\$ 91,395	\$ 91,395	\$ 140,000	\$ 140,000	\$ 135,000	\$ 135,000
22	Construct Type 4 Outfall Structure w/ Rip Rap	2	EA	\$22,000	\$ 44,000	\$ 53,250	\$ 106,500	\$ 14,000	\$ 28,000	\$ 40,000	\$ 80,000	\$ 33,000	\$ 66,000
23	Construct Type 2 Outfall Structure w/ Rip Rap	2	EA	\$17,000	\$ 34,000	\$ 23,700	\$ 47,400	\$ 12,400	\$ 24,800	\$ 38,000	\$ 76,000	\$ 24,000	\$ 48,000
24	Construct Stilling Well	2	EA	\$7,000	\$ 14,000	\$ 2,500	\$ 5,000	\$ 5,310	\$ 10,620	\$ 5,300	\$ 10,600	\$ 7,800	\$ 15,600
25	Construct Basin Staff Gage	2	EA	\$1,000	\$ 2,000	\$ 900	\$ 1,800	\$ 700	\$ 1,400	\$ 1,300	\$ 2,600	\$ 725	\$ 1,450
26	F&I 15" dia. PVC Pipe for Well Discharge Pipelines	425	LF	\$40	\$ 17,000	\$ 31	\$ 13,175	\$ 50.50	\$ 21,463	\$ 76	\$ 32,300	\$ 72	\$ 30,600
27	F&I 24" dia. PVC Pipe for Well Discharge Pipelines	555	LF	\$75	\$ 41,625	\$ 64	\$ 35,520	\$ 87.20	\$ 48,396	\$ 90	\$ 49,950	\$ 122	\$ 67,710
28	F&I 24" dia. RGRCP for Road Crossing	200	LF	\$90	\$ 18,000	\$ 105	\$ 21,000	\$ 133	\$ 26,600	\$ 150	\$ 30,000	\$ 95	\$ 19,000
29	F&I 30" dia. RGRCP for Road Crossing	115	LF	\$105	\$ 12,075	\$ 115	\$ 13,225	\$ 151	\$ 17,365	\$ 165	\$ 18,975	\$ 185	\$ 21,275
30	Construct Well Discharge Standpipes	2	EA	\$10,000	\$ 20,000	\$ 18,100	\$ 36,200	\$ 16,165	\$ 32,330	\$ 5,600	\$ 11,200	\$ 27,000	\$ 54,000
31	Construct Concrete Canal Lining at Lower Dry Creek	2,270	SF	\$10	\$ 22,700	\$ 11	\$ 24,970	\$ 8.90	\$ 20,203	\$ 20	\$ 45,400	\$ 15	\$ 34,050
32	Construct Concrete Canal Lining at Thompson Ext.	5,385	SF	\$10	\$ 53,850	\$ 8.00	\$ 43,080	\$ 6.85	\$ 36,887	\$ 20	\$ 107,700	\$ 11	\$ 59,235
33	Remove and Replace Pavement at Road Crossings (F)	1,190	SF	\$12	\$ 14,280	\$ 5.30	\$ 6,307	\$ 7.90	\$ 9,401	\$ 18	\$ 21,420	\$ 15	\$ 17,850
34	Electrical Site Work	1	LS	\$10,000	\$ 10,000	\$ 11,250.00	\$ 11,250	\$ 10,100	\$ 10,100	\$ 11,500	\$ 11,500	\$ 13,000	\$ 13,000
Total Base Bid				Subtotal	\$ 2,111,535	Subtotal	\$ 1,464,373	Subtotal	\$ 1,548,226	Subtotal	\$ 2,080,460	Subtotal	\$ 2,440,290
Additive Bid													
35	F&I Class II Agg Base Levee Road Surface (F) (145 pcf)	3,050	TN	\$30	\$ 91,500	\$ 30	\$ 91,500	\$ 25	\$ 76,250	\$ 21	\$ 64,050	\$ 32.50	\$ 99,125
36	F&I 3/4" Crushed Gravel Levee Road Surface (F) (105 pcf)	2,210	TN	\$35	\$ 77,350	\$ 41	\$ 90,610	\$ 38	\$ 83,980	\$ 30	\$ 66,300	\$ 50	\$ 110,500
37	F&I Sand Levee Road Surface (F) (110 pcf)	2,310	TN	\$32	\$ 73,920	\$ 37	\$ 85,470	\$ 25	\$ 57,750	\$ 48	\$ 110,880	\$ 45	\$ 103,950
38	Deep Rip Cell 2 Floor to 5 feet (F)	48	AC	\$550	\$ 26,400	\$ 585	\$ 28,080	\$ 450	\$ 21,600	\$ 490	\$ 23,520	\$ 510	\$ 24,480
39	F&I Rip Rap 2 ft thick in Cell 2 Corners (F)	4,500	TN	\$80	\$ 360,000	\$ 52	\$ 234,000	\$ 31	\$ 139,500	\$ 53	\$ 238,500	\$ 56.25	\$ 253,125
40	F&I Rip Rap 2 ft thick in Cell 1 Corners (F)	3,400	TN	\$80	\$ 272,000	\$ 56	\$ 190,400	\$ 31	\$ 105,400	\$ 53	\$ 180,200	\$ 62.50	\$ 212,500
Total Additive Bid				Subtotal	\$ 901,170	Subtotal	\$ 720,060	Subtotal	\$ 484,480	Subtotal	\$ 683,450	Subtotal	\$ 803,680

BACIGALUPI, NEUFELD & ROWLEY

AN ASSOCIATION OF ATTORNEYS,
INCLUDING A PROFESSIONAL CORPORATION

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December 18, 2003

Honorable Louis F. Bissig
Kings County Superior Court
Department 1
Government Center
1400 W. Lacey Boulevard
Hanford, California 93230

DEC 23 2003
mlh

RE: *City of Lemoore v. Laguna Irrigation District, et al.*
Case #60415

Dear Judge Bissig:

Kindly find enclosed three signed documents entitled Amended Stipulation and Judgment in the above-referenced matter. All three copies bear original signatures. Please sign and have the original filed and have the two other copies conformed. I am enclosing a pre-addressed postage paid envelope for the clerk's use in returning the two conformed documents.

Thank you for your courtesy in this regard.

Sincerely,

BACIGALUPI, NEUFELD & ROWLEY



Dale E. Bacigalupi, Attorney for
City of Lemoore

/JB

Enclosures

cc: Steve Froberg, City Manager-City of Lemoore
Ernest Conant, Esq.-Counsel for Laguna Irrigation District

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12 Attorneys for Respondents LAGUNA IRRIGATION
13 DISTRICT AND THE BOARD OF DIRECTORS OF THE
14 LAGUNA IRRIGATION DISTRICT and Cross-Complaint LAGUNA
15 IRRIGATION DISTRICT

16 SUPERIOR COURT OF THE STATE OF CALIFORNIA
17 FOR THE COUNTY OF KINGS

18 *****

19 CITY OF LEMOORE)
20)
21 Petitioner,)
22)
23 v.)
24)
25 LAGUNA IRRIGATION DISTRICT, THE)
26 BOARD OF DIRECTORS OF LAGUNA)
27 IRRIGATION DISTRICT,)
28 Respondents.)

29)
30 LAGUNA IRRIGATION DISTRICT,)
31)
32 Cross-complainant,)
33)
34 v.)
35)
36 CITY OF LEMOORE, and ROES)
37 1-100, inclusive,)
38)
39 Cross-defendants.)

40 Case No.: 60415

41 AMENDED STIPULATION
42 AND JUDGMENT

43 The parties, their heirs, successors, agents and assigns, hereby stipulate as follows:
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1 1. (a) As of the date of this Amended Stipulation and Judgment, the City
2 operates a well field equipped with four wells located outside of the City. The location and
3 wells presently in operation at the City limits used for the sole purpose of pumping and
4 delivering groundwater from the well field for municipal uses in the City. The location and
5 wells presently in operation at the City well field are shown on Exhibit "A" attached hereto.

6 (b) The City shall limit its total pumping from all wells at its well field location
7 to 3380 acre/ft per calendar year, provided, however, the City's may pump in excess of 3380
8 acre/ft per calendar year if either of the following two circumstances exist: (i) if an emergency
9 is determined to exist by the City or otherwise pursuant to the provisions of Government Code
10 §8558 or §8630, or (ii) the City may pump up to 3700 acre/ft per calendar year so long as the
11 City has accumulated "Carryover". For purposes of this paragraph, the City may accumulate
12 "Carryover" in any calendar year to the extent that City pumping from the well field has
13 measured less than 3380 acre/ft; the annual "Carryover" shall be the difference if any,
14 between the City's actual pumping from the well field and 3380 acre/ft. "Carryover" may be
15 accumulated for the benefit of the City from year to year for a period of up to three consecutive
16 years. For illustrative purposes only, the following examples illustrate the City's ability and
17 opportunity to accumulate and use "Carryover" to enable the extraction of water from the well
18 field in addition to 3380 acre/ft annually.

19
20 Example A:

<u>Year</u>	<u>City Production</u>
2004	3380 AF
2005	3180 AF
2006	3380 AF

21
22
23
24 The aggregate three-year "Carryover" equals 200-acre feet, therefore City
25 would be allowed to pump up to 3580-acre feet in calendar year 2007.
26
27
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1 In Example A, if the City used the entire "Carryover" in the year 2007, there
2 would be no "Carryover" available in 2008 and would only be available in 2009 if, in 2008,
3 "Carryover" were created by under pumping.

4 Example B:

<u>Year</u>	<u>City Production</u>
2004	3180
2005	3180
2006	3380

5
6
7
8
9 The aggregate three-year "Carryover" equals 400-acre feet; therefore City
10 would be allowed to pump up to 3700-acre feet in 2007. In Example B, the City could not use
11 the entire 400 acre feet in 2007 but would have available for use in 2008 80 acre-feet of
12 Carryover if it pumped 3700 acre-feet in 2007 ($3380 + 320 = 3700$).

13 (c) The City shall annually report to District the amount of ground water
14 produced from the well field for the preceding calendar year, and shall also report the amount
15 of any "Carryover" created (by under pumping) or used (by over pumping). Following receipt
16 of any annual report, the District may inspect meters on the City wells in the well field upon
17 reasonable notice to verify water production data contained therein.

18
19 2. The City shall not build its proposed parallel transmission line and drill no
20 additional wells at the well field. However, the City shall retain the right to repair, refurbish or
21 replace existing wells at the well field. Replacement wells shall have similar capabilities to
22 those replaced. The City shall not drill any new well within a 1 ½ mile radius of the outer
23 perimeter of the existing well field.

24 3. (a) The City and the District have pursuant to the prior Stipulation and
25 Judgment established a jointly held interest bearing escrow or bank account called The Joint
26 Recharge Account. Disbursements shall be made for the purposes set forth herein. All
27 interest accumulations shall remain on deposit in the Account and be used only for the
28 purposes set forth herein. The parties shall have the obligation on behalf of both parties

1 hereto to locate surface water, from sources they determine to be reasonably available, to be
2 purchased by the parties for the purposes of groundwater recharge in and under the District
3 and the well field, with the funds in the Joint Recharge Account, all as more particularly
4 described in Paragraph 4 hereof. Whether or not the water is purchased in the name of either
5 or both parties, each party shall be entitled to claim recharge credit for one-half of all water
6 purchased with the annual recharge payments in connection with any study, accounting, report
7 or survey undertaken by either of the parties hereto or in connection with any report delivered
8 to or required by any public agency. The City shall be entitled annually to use up to 250 acre
9 feet of its share of the purchased recharge water for recharge/irrigation of its municipal golf
10 course, so long as the said volume of recharge water is legally useable on the golf course
11 property. The District is under no obligation to arrange or make any special delivery of water
12 to the City for golf course irrigation purposes.
13

14 (b) On the basis of payments and accumulations made prior to the date
15 hereof pursuant to paragraph 3 of the Stipulation and Judgment filed with this Court on June
16 15, 1995, the balance in the Joint Recharge Account is approximately \$618,957.00. Within 30
17 days of the entry and filing with the Court of this Amended Stipulation and Judgment, the
18 parties hereto shall cause the balance in the Joint Recharge Account to be reduced to
19 \$500,000 by disbursing and refunding to the City all funds in the account representing
20 contributions of the City in excess of \$250,000. To the extent that Laguna Irrigation District
21 has contributed funds in excess of \$250,000, said funds shall remain in the Joint Recharge
22 Account and shall be counted as an offset to any future contributions of the District required by
23 this Amended Stipulation and Judgment.

24 (c) To the extent that available funds in the Joint Recharge Account on April
25 1 of each year are less than \$500,000 (not including any excess contributions by the District
26 under subparagraph (b) above), each party will contribute one-half of the difference between
27 the actual balance in the account and \$500,000, provided, however, neither party shall be
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1 required to contribute an amount greater than which would otherwise have been due in that
2 year following the following formula: \$62,500 increased annually by the annual changes
3 published for December in the All Urban Consumer's (All West) Index. The base index is
4 151.2 published for December 1994. (For 2003, the adjusted amount equals \$ 80,848.00).

5 By way of example and to illustrate the parties' intent with regard to the
6 foregoing paragraph (c), the following hypothetical examples are illustrative: If on April 1 of
7 any given year, the balance in the Joint Recharge Account were \$400,000 each party would
8 contribute \$50,000 in that year. If on April 1 the balance in the Joint Recharge Account were
9 \$300,000, and under the formula referenced above, the maximum amount each party
10 contributes is \$90,000 in that year, each party will contribute \$90,000 and the balance in the
11 Joint Recharge Account after the contributions would be \$480,000 (\$300,000 plus \$90,000
12 plus \$90,000). If, on the other hand, the balance in the Joint Recharge Account were
13 \$500,000 on April 1, no contributions would be made by either party in that year.

14
15 (d) On or before April 1st of each year, a designee of the District and a
16 designee of the City will together review rainfall and other factors, potential water purchases,
17 potential capital costs and other potential projects which are consistent with the provisions of
18 paragraph 4 hereof, and will further review the projected balance of the Joint Recharge
19 Account in order to project expenditures and purchases out of the Joint Recharge Account for
20 the fiscal year commencing on July 1 of that year. Said review and consultations will assist
21 the parties in making decisions for expenditure of funds in the Joint Recharge Account as
22 described in paragraph 4.

23 4. (a) The parties hereto shall expend all recharge payments made by both
24 parties hereto and interest thereon and deposited in the Joint Recharge Account for the
25 recharge of the aquifers underlying the well field and the District. All expenditures shall require
26 the approval of both parties as hereinafter provided. Each party shall undertake every needful
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1 activity, including but not limited to holding special or emergency meetings, if necessary, to
2 timely consider and act upon proposed expenditures from the Joint Recharge Account.

3 (b) Permitted expenditures include purchasing recharge water and
4 acquiring, constructing and maintaining recharge basins and related and necessary
5 appurtenant pipelines, ditches and control mechanisms in locations, approved by the parties,
6 which will recharge the aquifers which underlie the District and the well field. Recharge shall
7 occur in a recharge basin (or basins) purchased hereunder (located within the boundaries of
8 the district, near a District canal and in the forebay area east of the "A" Clay and Corcoran or
9 "E" Clay), or by delivery of the water into the District canal system for irrigation use by the
10 District, in the Kings River channel or at other locations or via other methods which the parties
11 jointly approve.

12 (c) Expenditure approval shall not be withheld unreasonably. In this regard,
13 both parties shall approve a proposed expenditure if a proposed expenditure will meet the
14 objectives prescribed in Paragraph 4(b) hereof and the cost of the asset (water or facilities)
15 does not exceed the market value of the asset.

16 (d) Within 90 days after the end of each calendar year, the District shall
17 prepare a written report which accounts for the use and expenditure of the parties' recharge
18 payments in the manner require by this Amended Stipulation and Judgment, and transmit a
19 copy of the report to the City.

20 5. The District recognizes City's prescriptive right as against others to pump 3380
21 acre/ft of groundwater per calendar year for export from the City well field and use within the
22 City limits. The District shall take no action to interfere with, disrupt or challenge the City's
23 continued groundwater extraction and uses of the well field in the manner herein described.
24 District is not required to assist City in any manner in any subsequent dispute concerning
25 City's groundwater rights with any other parties.
26
27
28

1 6. The District's Groundwater Management Plan, adopted on or about March 30,
2 1993, was validly adopted and complies with all requirements of law. The City shall take no
3 action to interfere with, disrupt or challenge the District's groundwater management plan, any
4 amendments thereto, or any rules, regulations or activities adopted or undertaken in
5 connection therewith.

6 7. Notwithstanding the provisions of paragraph 6, the Groundwater Management
7 Plan, and any rule or regulation promulgated thereunder, shall not apply to (a) the well field
8 site and the City wells located at the city well field site, (b) any activity or action of the City not
9 inconsistent with this Amended Stipulation and Judgment initiated or carried out outside the
10 boundaries of the District, (c) any activity or action of the City described in this Amended
11 Stipulation and Judgment.

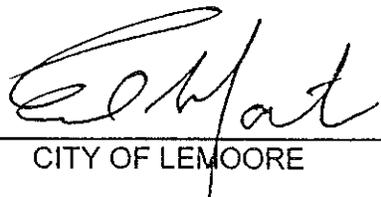
12 8. Each party to this action shall pay its own attorney's fees and costs.

13 9. Judgment may be entered by the Court in accordance with the terms of this
14 Amended Stipulation.

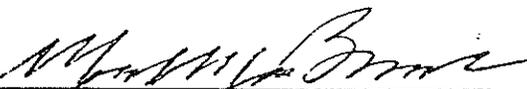
15 10. The Court shall have continuing equitable jurisdiction to decide and adjudicate
16 any disputes of the parties that arise under this Amended Stipulation and Judgment.

17 11. On the date it is signed by the Court and filed, this Amended Stipulation and
18 Judgment shall replace and supercede the "Stipulation and Judgment" filed with the Court on
19 June 15, 1995.

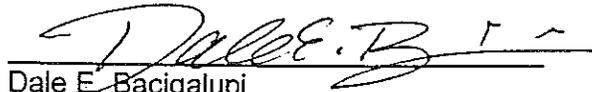
20
21
22 DATED: 12/16/03

By: 
CITY OF LEMOORE

23
24 DATED: 12/16/03

By: 
LAGUNA IRRIGATION DISTRICT

Approved as to Form:


Dale E. Bacigalupi
Attorney for City of Lemoore

Approved as to Form:


Ernest A. Conant
Law Offices of Young Wooldridge

Based on the stipulation of the parties, and good cause appearing thereof, judgment is hereby entered as to each paragraph in the Amended Stipulation.

DATED: _____

JUDGE OF THE SUPERIOR COURT

**LAGUNA IRRIGATION DISTRICT
FINANCIAL STATEMENTS
AND
INDEPENDENT AUDITOR'S REPORT
FOR THE YEAR ENDED DECEMBER 31, 2011**

**LAGUNA IRRIGATION DISTRICT
FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2011**

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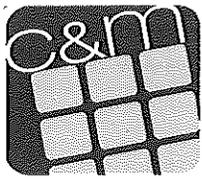
LAGUNA IRRIGATION DISTRICT
FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2011

Board of Directors

President	Frank Zonneveld
Vice President	Alford Albertson
Secretary	Todd Cota
Director	Tony Thomas
Director	John Oliveira

Administration

General Manager	Scott Sills
Attorney	Ernest Conant



CUTTONE & MASTRO

CERTIFIED PUBLIC ACCOUNTANTS

Independent Auditor's Report

To the Board of Directors
Laguna Irrigation District
Riverdale, California

We have audited the accompanying statement of net assets of Laguna Irrigation District (a special district), as of December 31, 2011 and the related statements of revenues, expenses and changes in net assets, and cash flows for the year then ended. These basic financial statements are the responsibility of the District's management. Our responsibility is to express an opinion on these basic financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the State Controller's Minimum Audit Requirements for California Special Districts. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the net assets of the Laguna Irrigation District, at December 31, 2011, and the results of its operations and changes in net assets, and its cash flows for the year then ended in conformity with U.S. generally accepted accounting principles as well as accounting systems prescribed by the State Controller's Office and state regulations governing special districts.

The management's discussion and analysis information on pages 3 through 5, are not a required part of the basic financial statements but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Cuttone & Mastro

May 15, 2012

7543 North Ingram, Suite 102
Fresno, California 93711

phone 559-261-4300

fax 559-261-4301

**LAGUNA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

As management of the Laguna Irrigation District (the District), we offer readers of the District's financial statements this narrative overview and analysis of the District's financial performance during the fiscal year ended December 31, 2011. Please read in conjunction with the District's financial statements, which follow this section.

Financial Highlights

- The District's total net assets decreased \$3,652 or .15% over the course of the year's operations.
- The District's operating revenue increased \$66,281 or 7.70% and operating expenses increased \$284,986 or 30.08% during the year ended December 31, 2011.
- The District's capital assets before accumulated depreciation increased \$37,746 during the year ended December 31, 2011.
- The District's total debt is \$128,327 with the current portion being \$128,327.

Overview of the Financial Statements

This annual financial report includes this management's discussion and analysis, the independent auditor's report, the basic financial statements of the District and selected additional information. The financial statements also include notes that explain in more detail some of the information in the financial statements.

Required Financial Statements

The financial statements of the District report information of the District using accounting methods similar to those used by private sector companies. These statements offer short- and long-term financial information about its activities. The Statement of Net Assets includes all of the District's assets and liabilities and provides information about the nature and amounts of investments in resources (assets) and the obligations to District creditors (liabilities). It also provides the basis for evaluating the capital structure of the District and assessing the liquidity and financial flexibility of the District.

All of the current year's revenues and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Assets. This statement can be used to determine whether the District has successfully recovered all of its costs through its user fees and other charges, its profitability, and its credit worthiness.

The final required financial statement is the Statement of Cash Flows. This statement reports cash receipts, cash payments, and net changes in cash resulting from operations, financing, and investing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in the cash balance during the reporting period.

Financial Analysis of the District

One of the most important questions asked about the District's finances is "Is the District, as a whole, better off or worse off as a result of this year's activities?" The Statement of Net Assets and Statement of Revenues, Expenses and Changes in Net Assets report information about the District's activities in a way that will help answer this question. These two statements report the net assets of the District and the changes in them. One can think of the District's net assets—the difference between assets and liabilities—as one way to measure financial health or financial position. Over time, increases or decreases in the District's net assets are one indicator of whether its financial health is improving or deteriorating. However, one will need to consider other non-financial factors such as changes in economic conditions, population growth, and new or changed government legislation.

**LAGUNA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
(Continued)**

Net Assets

A comparison of the Statement of Net Assets can determine the change in the components of financial position (the assets and liabilities) of the District from year-end to year-end. This comparison is presented in the following table:

**Condensed Statement of Net Assets
December 31, 2011 and 2010**

	<u>2011</u>	<u>2010</u>	<u>Dollar Change</u>	<u>Percentage Change</u>
Current Assets	\$1,250,875	\$1,482,119	\$ (231,244)	-15.60%
Capital Assets	1,304,917	1,280,789	24,128	1.88%
Other Assets	19,714	19,709	5	0.03%
Total Assets	<u>2,575,506</u>	<u>2,782,617</u>	<u>(207,111)</u>	<u>-7.44%</u>
Current Liabilities	152,523	227,655	(75,132)	-33.00%
Long Term Debt	-	128,327	(128,327)	-
Total Liabilities	<u>152,523</u>	<u>355,982</u>	<u>(203,459)</u>	<u>-57.15%</u>
Total Net Assets	<u>\$2,422,983</u>	<u>\$2,426,635</u>	<u>\$ (3,652)</u>	<u>-0.15%</u>

The table shows that the District's net assets decreased \$3,652 in 2011. Factors contributing to this change include:

- Cash Reduction – Cash decreased for the year by \$254,631.
- Operating Expenses – There was an increase in operating expenses for the year by \$284,986 causing a reduction in cash.

Revenues, Expenses and Changes in Net Assets

A comparison of the Statement of Revenues, Expenses and Changes in Net Assets for each year will explain the changes in financial position that resulted from the operating activities during that year. This comparison is presented in the following table:

**Condensed Statement of Revenues, Expenses and Changes in Net Assets
For the Year Ended December 31, 2011 and 2010**

	<u>2011</u>	<u>2010</u>	<u>Dollar Change</u>	<u>Percentage Change</u>
Operating Revenues	\$ 927,111	\$ 860,830	\$ 66,281	7.70%
Operating Expenses	1,232,463	947,477	284,986	30.08%
Operating Income (Loss)	<u>(305,352)</u>	<u>(86,647)</u>	<u>(218,705)</u>	<u>252.41%</u>
Non-Operating Revenues	<u>301,700</u>	<u>278,320</u>	<u>23,380</u>	<u>8.40%</u>
Change In Net Assets	<u>(3,652)</u>	<u>191,673</u>	<u>(195,325)</u>	<u>-101.91%</u>
Net Assets - Beginning of Year	<u>2,426,635</u>	<u>2,234,962</u>	<u>191,673</u>	<u>8.58%</u>
Net Assets - End of Year	<u>\$2,422,983</u>	<u>\$2,426,635</u>	<u>\$ (3,652)</u>	<u>-0.15%</u>

**LAGUNA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS
(Continued)**

The table shows that during 2011 operating revenue increased by \$66,281 or 7.70% over 2010. The table also shows that during 2011, operating expenses increased \$284,986 or 30.08% over 2010. Factors contributing to this change include:

- The 2011 Water season was ten months in duration. The "normal" length of the water run would usually be about three months. The additional time increased payroll, fuel and irrigation system maintenance costs for the year.
- Irrigation system maintenance, repairs, and improvements were factors in 2011 costs as well. Replacement of head gates and some pipeline were costs that were capitalized for audit purposes, however, show as expenses for the purpose of the budget. These costs were approved by the District board through the course of the 2011 year.

Budgetary Highlights

The District adopts an annual budget each year to project the costs for operations, capital, and debt service for the coming year. The budget includes these projected expenses and the means of financing them. Management throughout the year analyzes the District's budget, however it is not reported on, nor shown in the financial statements section of this annual report. It analyzes prior financial reports and current needs in determining the proper assessments for the current year.

At December 31, 2011 actual to budget comparison is presented in the following summarized table:

**Actual vs. Budget Comparison
December 31, 2011**

	Actual	Budget	Difference	Percentage
Total Expenses	\$1,234,144	\$1,058,629	\$ 175,515	16.58%

Capital Assets

As of December 31, 2011, the District had \$1,304,917 in net capital assets as shown in the following table:

**Capital Assets
December 31, 2011 and 2010**

	2011	2010	Dollar Change	Percentage Change
Land	\$ 138,506	138,506	\$ -	0.00%
Irrigation System	1,576,771	1,576,771	-	0.00%
Building Improvements	108,318	108,318	-	0.00%
Machinery, Equipment and Auto	789,620	751,874	37,746	5.02%
Office Equipment	3,542	3,542	-	0.00%
Source ofr Supply - Pine Flat Reservoir	664,278	664,278	-	0.00%
Less Accumulated Depreciation	(1,976,118)	(1,962,500)	(13,618)	0.69%
Net Capital Assets	\$1,304,917	\$1,280,789	\$ 24,128	1.88%

Debt Service Requirements

As of December 31, 2011, the District had total debt of \$128,327 with the current portion being \$128,327.

Contacting the District's Management

This annual financial report is designed to provide our customers and creditors with a general overview of the District's accountability for the money it receives. If you have questions about this report or need additional financial information, contact Laguna Irrigation District, 5065 19 ½ Avenue, Riverdale, CA 93656.

**LAGUNA IRRIGATION DISTRICT T
STATEMENT OF NET ASSETS
DECEMBER 31, 2011**

Assets

Current Assets

Cash (Note 3)	\$ 871,145
Current Assessments Receivable	333,260
Accrued Interest Receivable	293
Other Receivables	22,565
Prepaid Insurance	<u>23,612</u>

Total Current Assets 1,250,875

Restricted Assets

Cash - Reserve Funds (Note 3)	5,314
-------------------------------	-------

Capital Assets - Net (Note 4) 1,304,917

Investments 14,400

Total Assets 2,575,506

Liabilities

Current Liabilities

Current Portion of Long-Term Debt (Note 6)	128,327
Accounts Payable	8,907
Accrued Vacation	<u>15,289</u>

Total Current Liabilities 152,523

Net Assets

Restricted For Debt Service	5,314
Invested In Capital Assets	1,304,917
Unrestricted	<u>1,112,752</u>

Total Net Assets \$2,422,983

The accompanying notes are an integral part of these financial statements.

LAGUNA IRRIGATION DISTRICT
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
DECEMBER 31, 2011

Operating Revenues	
Current Assessments	\$ 775,802
Penalties and Other Charges	2,051
Pine Flat Water Use Fees	<u>149,258</u>
Total Operating Revenues	<u>927,111</u>
 Operating Expenses	
Assessments and Dues	162,554
Depreciation	74,013
Directors Fees and Costs	9,920
Employee Compensation and Benefits	426,055
Office	12,406
Operation and Maintenance	522,698
Professional Fees	12,037
Utilities	<u>12,780</u>
Total Operating Expenses	<u>1,232,463</u>
 Operating Loss	 <u>(305,352)</u>
 Nonoperating Revenue (Expenses)	
Interest Income	1,835
Foregiveness of Debt	50,000
Miscellaneous Income	109,650
Outside District Income	131,913
Rental Income	4,730
Sand and Gravel Income	5,253
Interest Expense	<u>(1,681)</u>
Total Nonoperating Revenues and Expenses	<u>301,700</u>
 Change In Net Assets	 (3,652)
 Net Assets at Beginning of Year	 <u>2,426,635</u>
 Net Assets at End of Year	 <u><u>\$2,422,983</u></u>

The accompanying notes are an integral part of these financial statements.

**LAGUNA IRRIGATION DISTRICT
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 31, 2011**

CASH FLOWS FROM OPERATING ACTIVITIES	
Cash Received From Customers	\$ 925,508
Cash Paid to Suppliers	(812,762)
Cash Paid to Employees	<u>(421,354)</u>
Net Cash Flows From Operating Activities	<u>(308,608)</u>
 CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES	
Capital Assests Purchased	(98,141)
Payment on Long Term Debt	(127,378)
Interest Paid on Loans	<u>(1,681)</u>
Net Cash Flows From Investing Activities	<u>(227,200)</u>
 CASH FLOWS FROM INVESTING ACTIVITIES	
Cash Received From Interest Earned	2,006
Proceeds From Miscellaneous Income	<u>279,171</u>
Net Cash Flows From Investing Activities	<u>281,177</u>
 Net Change in Cash	 (254,631)
 Cash at the Beginning of Year	 <u>1,131,090</u>
 Cash at the End of Year	 <u>\$ 876,459</u>
 Reconciliation of Operating Loss to Net Cash Flows from Operating Activities:	
Operating Loss	\$ (305,352)
Adjustments to reconcile operating loss to net cash provided by operating activities:	
Depreciation	74,013
Changes in assets and liabilities	
Current Assessments Receivable	(1,603)
Prepaid Insurance	415
Accounts Payable	(80,782)
Accrued Vacation	<u>4,701</u>
Net Cash Flows from Operating Activities	<u>\$ (308,608)</u>

The accompanying notes are an integral part of these financial statements.

LAGUNA IRRIGATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2011

(1) Description of Entity

(a) Description of Operations

Laguna Irrigation District (the "District") was formed in 1920 as a special district in the State of California and is governed by a five-person Board of Directors. The purpose of the District is to provide for the acquisition or construction of works for the irrigation of agricultural lands within the District and to provide for the distribution of water for irrigation purposes.

(b) Reporting Entity

In accordance with the requirements of Statement No. 14, *The Financial Reporting Entity, of the Governmental Accounting Standards Board (GASB)*, the financial statements must present the District (the primary government) and its component units. Pursuant to this criterion, no component units were identified for inclusion in the accompanying financial statements.

(2) Summary of Significant Accounting Policies

(a) Basis of Presentation and Accounting

The District follows the provisions of the Governmental Accounting Standards Board Statement Nos. 34, *Basic Financial Statements-and Management's Discussion and Analysis-For State and Local Governments* (Statement 34), 37, *Basic Financial Statements-and Management's Discussion and Analysis-for State and Local Governments: Omnibus* (Statement 37), and 38, *Certain Financial Statement Note Disclosures* (Statement 38), which establish the financial reporting standards for all state and local government entities. The District has elected under GASB Statement No. 20, *Accounting and Financial Reporting for Proprietary Funds and Other Governmental Activities That Use Proprietary Fund Accounting*, to apply all applicable GASB pronouncements as well as any applicable pronouncements of the Financial Accounting Standards Board, the Accounting Principles Board, or any Accounting Research Bulletins issued on or before November 30, 1989, unless these pronouncements contradict GASB pronouncements.

The accompanying financial statements have been prepared using the economic resources measurement focus and the accrual basis of accounting and reflect transactions on behalf of the District, the reporting entity. The District accounts for its operations as an enterprise fund. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises.

Operating revenues and expenses consist of those revenues that result from the ongoing principal operations of the District. Operating revenues consist primarily of charges for services. Nonoperating revenues and expenses consist of those revenues and expenses that are related to financing and investing type of activities and result from non-exchange transactions or ancillary activities.

LAGUNA IRRIGATION DISTRICT
 NOTES TO FINANCIAL STATEMENTS
 DECEMBER 31, 2011
 (Continued)

(b) Cash Equivalents and Investments

The District considers all highly liquid investments (including restricted cash and investments) with maturities of three months or less when purchased to be cash equivalents. This includes bank certificates of deposit, deposits with the State of California Local Agency Investment Fund (LAIF).

(c) Accounts Receivable

Uncollectible accounts included in accounts receivable are considered to be immaterial. Therefore, no allowance for uncollectible accounts has been established.

(d) Capital Assets

Capital assets are stated at historical cost. Depreciation of property, plant and equipment are computed using the straight-line method over the useful lives of the assets. Depreciation is charged against operations and accumulated depreciation is reported net with capital assets. Repairs and maintenance are recorded as expenses; renewals and betterments are capitalized. The sale or disposal of fixed assets are recorded by removing cost and accumulated depreciation from the accounts and charging the resulting gain or loss to nonoperating income.

The estimated useful lives of the various assets of the District are as follows:

<u>Type of Assets</u>	<u>Estimated Useful Life In Years</u>
Irrigation System	10 - 50
Building and Improvements	10 - 25
Field and Office Equipment	5 - 20

(e) Net Assets

Net assets comprise the various net earnings from operating income, nonoperating revenues and expenses, and capital contributions. Net assets are classified in the following three components:

Invested in capital assets, net of related debt-This component of net assets consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction or improvement of those assets.

Restricted-This component of net assets consists of constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted net assets-This component of net assets consists of net assets that do not meet the definition of "restricted" or "invested in capital assets, net of related debt".

LAGUNA IRRIGATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2011
(Continued)

(f) Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingencies at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

(g) Concentrations of Credit Risk

The District occasionally maintains deposits in excess of federally insured limits. Statement of Financial Accounting Standards No 105 identifies these items as a concentration of credit risk requiring disclosure, regardless of the degree of risk. The risk is managed by maintaining all deposits in high quality financial institutions.

(h) Subsequent Events

Subsequent events have been evaluated through May 15, 2012 which is the date the financial statements were available to be issued.

(3) Cash and Cash Equivalents

Custodial credit risk is the risk that in the event of a bank failure, a government's deposits may not be returned to it. Deposits with banks are entirely insured or collateralized up to \$250,000 with securities held by the District's agent in the agent's name. Cash funds deposited with the State of California Local Agency Investment Fund are in a pooled money fund. The funds are pooled with other governmental entities in the state and invested in compliance with the State of California. As of December 31, 2011, the District's cash consisted of the following:

Cash On Hand	\$ 200
Cash In Bank	570,631
Investment in Local Agency Investment Fund	<u>305,628</u>
Total Cash	876,459
Restricted	<u>5,314</u>
Total Unrestricted	<u>\$ 871,145</u>

LAGUNA IRRIGATION DISTRICT
 NOTES TO FINANCIAL STATEMENTS
 DECEMBER 31, 2011
 (Continued)

(4) Capital Assets

Capital assets consisted of the following at December 31, 2011:

Land	\$ 138,506
Irrigation System	1,576,771
Building Improvements	108,318
Machinery, Equipment and Auto	789,620
Office Equipment	3,542
Source ofr Supply - Pine Flat Reservoir	<u>664,278</u>
	3,281,035
Less Accumulated Depreciation	<u>(1,976,118)</u>
	<u>\$1,304,917</u>

Depreciation expense charged to income for the year is \$74,013.

(5) Investments

Investments are reported at fair market value where readily determinable, or at cost which is estimated to approximate fair market value for that particular asset and consists of the following:

Lemoore Canal and Irrigation Company common stock	<u>\$ 14,400</u>
---	------------------

(6) Long-Term Debt Payable

Long-term debt payable consisted of the following at December 31, 2011:

Contract payable – 1986 Water Conservation & Water Quality Bond, due in semi-annual installments of \$14,530 at 3.4375% per annum, through April, 2012 secured by land and improvements.	\$ 28,327
Litigation settlement payable to Pacific Gas & Electric Company, payable in annual installments of \$50,000 with an additional \$50,000 forgiven by PG&E for each installment payment made.	<u>100,000</u>
	128,327
Less: Current Portion	<u>128,327</u>
Net Long-Term Portion	<u>\$ -</u>

LAGUNA IRRIGATION DISTRICT
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2011
(Continued)

(7) Contractually Designated Net Assets

On June 15, 1995, a stipulation and judgment was filed in Superior Court of the State of California for Kings County settling a dispute with the City of Lemoore. The judgment requires both the District and City of Lemoore to make annual deposits into a joint bank account. The annual payments started at \$62,500 and increase annually by the annual changes published for December in the All Urban Consumers (All West) Index. The monies in the joint account are to be used to maintain and recharge the aquifers underlying the City of Lemoore well field and the District. All expenditures require the approval of both parties.

On December 23, 2003, this stipulation and judgment was amended and the requirement for annual payments was modified. The amendment calls for all cash in excess of \$500,000 be refunded to the City of Lemoore and the District, to the extent they made contributions in excess of \$250,000 each. Future annual payments will be required only if the cash balance on April 1 of each year is less than \$500,000. Each party will contribute one-half of the shortfalls.

As of December 31, 2011, the assets accumulated under this judgment were as follows:

	Total	District's Share
Cash On Deposit	\$ 479,420	\$ 239,710
36 Shares of Lemoore Canal And Irrigation	28,800	14,400
Land	162,716	81,358
	\$ 670,936	\$ 335,468

The cash on deposit is in excess of federally insured limits. The District has included in these financial statements its one-half interest in the above assets.

(8) Contractually Designated Net Assets

The District and Pacific Gas & Electric Company ("PG&E") resolved all matters between them through a "global settlement" dated August 20, 2003. In very general terms, the agreement provides that all parties "walk away from" various lawsuits and proceedings between the District and PG&E and that the District pays PG&E \$1,000,000 in annual installments of \$50,000. In turn, provided the District makes the installments on time and does not initiate certain claims against PG&E in the future, PG&E will forgive \$50,000 of the settlement amount for each \$50,000 payment the District makes. At December 31, 2011, the balance of the agreement is \$100,000.

Bakman Water Company Account QuickReport

As of December 31, 2008

Type	Date	Num	Name	Amount
105-101 - 2025 Meter Project				
Bill	10/17/2008	oct08	Orchard Supply Hardware	
Bill	10/23/2008	23217896	John Deere Landscapes	56.13
Bill	10/23/2008	3006118	Groeniger & Company	359.40
Bill	11/06/2008	Nov08	Orchard Supply Hardware	
Bill	11/06/2008	23269047	John Deere Landscapes	79.94
Bill	11/06/2008	3006478	Groeniger & Company	362.26
Bill	12/04/2008	143115	Measurment Contol System, Inc.	2,190.80
Bill	12/04/2008	415214	Ferguson Enterprises, Inc.	453.50
Bill	12/18/2008	700300	Ferguson Enterprises, Inc.	253.05
Bill	12/18/2008	143252	Measurment Contol System, Inc.	2,418.64
Total 105-101 - 2025 Meter Project				<u>6,173.72</u>
TOTAL				<u><u>6,173.72</u></u>

Bakman Water Company Account QuickReport

As of December 31, 2009

Type	Date	Num	Name	Amount
105-101 - 2025 Meter Project				
Bill	01/08/2009	143253	Measurment Contol System, Inc.	259.14
Bill	01/15/2009	Jan09	Orchard Supply Hardware	
Bill	02/05/2009	0703267	Ferguson Enterprises, Inc.	1,719.06
Bill	02/05/2009	0703267-1	Ferguson Enterprises, Inc.	179.68
Bill	02/12/2009	Feb09	Orchard Supply Hardware	
Bill	03/04/2009	0706238	Ferguson Enterprises, Inc.	964.22
Bill	03/04/2009	25053345	White Cap	187.57
Bill	03/04/2009	0706397	Ferguson Enterprises, Inc.	68.36
Bill	03/12/2009	March09	Orchard Supply Hardware	
Bill	03/27/2009	0707727	Ferguson Enterprises, Inc.	90.04
Bill	04/03/2009	3009380	Groeniger & Company	
Bill	04/03/2009	3009392	Groeniger & Company	
Bill	04/16/2009	april09	Orchard Supply Hardware	
Bill	04/27/2009	0710785	Ferguson Enterprises, Inc.	231.02
Bill	04/27/2009	071079-1	Ferguson Enterprises, Inc.	565.58
Bill	04/27/2009	0710791	Ferguson Enterprises, Inc.	1,441.28
Bill	05/14/2009	May09	Orchard Supply Hardware	
Bill	05/21/2009	25060370	White Cap	
Bill	05/21/2009	25060716	White Cap	
Bill	05/21/2009	0700184	Ferguson Enterprises, Inc.	37.60
Credit	05/21/2009	CM053703	Ferguson Enterprises, Inc.	-29.80
Bill	05/21/2009	707727	Ferguson Enterprises, Inc.	1,128.83
Bill	06/04/2009	147125	Measurment Contol System, Inc.	3,398.93
Bill	06/25/2009	june09	Orchard Supply Hardware	
Bill	06/25/2009	51482103	John Deere Landscapes	40.54
Bill	07/16/2009	july09	Orchard Supply Hardware	
Bill	07/27/2009	719003	Ferguson Enterprises, Inc.	2,237.88
Bill	08/06/2009	Aug 09	Orchard Supply Hardware	
Bill	08/06/2009	25067115	White Cap	
Bill	08/06/2009	719412	Ferguson Enterprises, Inc.	601.54
Bill	08/25/2009	0720374	Ferguson Enterprises, Inc.	220.75
Bill	08/25/2009	0721995	Ferguson Enterprises, Inc.	461.89
Bill	09/16/2009	0723607	Ferguson Enterprises, Inc.	539.60
Bill	09/16/2009	sept09	Orchard Supply Hardware	
Bill	10/08/2009	oct09	Orchard Supply Hardware	
Bill	10/08/2009	724319	Ferguson Enterprises, Inc.	271.14
Credit	10/29/2009	3013830	Groeniger & Company	
Bill	11/12/2009	nov09	Orchard Supply Hardware	
Bill	11/12/2009	3014518	Groeniger & Company	
Bill	11/19/2009	3014680	Groeniger & Company	
Bill	11/25/2009	3014758	Groeniger & Company	1,820.36
Bill	12/01/2009	3015034	Groeniger & Company	
Bill	12/01/2009	3015025	Groeniger & Company	
Bill	12/10/2009	dec09	Orchard Supply Hardware	

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Accrual Basis

Bakman Water Company Account QuickReport

As of December 31, 2009

Type	Date	Num	Name	Amount
Bill	12/17/2009	3015194	Groeniger & Company	
Bill	12/17/2009	3015195	Groeniger & Company	
Bill	12/17/2009	3015300	Groeniger & Company	7,705.51
Bill	12/17/2009	104078	Measurment Contol System, Inc.	16,750.55
Total 105-101 - 2025 Meter Project				<u>40,891.27</u>

TOTAL

40,891.27

Bakman Water Company Account QuickReport

As of December 31, 2010

Type	Date	Num	Name	Amount
105-101 - 2025 Meter Project				
Bill	01/07/2010	3015487	Groeniger & Company	
Bill	01/07/2010	3015472	Groeniger & Company	
Bill	01/14/2010	3015625	Groeniger & Company	125.15
Bill	01/14/2010	jan10	Orchard Supply Hardware	
Bill	01/28/2010	151733	Measurment Contol System, Inc.	668.59
Bill	01/28/2010	25078992	White Cap	
Bill	02/10/2010	3016169	Groeniger & Company	
Bill	02/10/2010	feb10	Orchard Supply Hardware	
Bill	02/18/2010	3016176	Groeniger & Company	
Bill	03/04/2010	3016245	Groeniger & Company	5,515.18
Credit	03/04/2010	3016482	Groeniger & Company	-1,380.77
Bill	03/12/2010	march10	Orchard Supply Hardware	
Bill	03/12/2010	53611558	John Deere Landscapes	
Bill	03/12/2010	3016678	Groeniger & Company	
Bill	03/25/2010	3016866-01	Groeniger & Company	2,805.01
Bill	03/25/2010	25083221	White Cap	
Bill	03/25/2010	2582848	White Cap	
Bill	03/25/2010	3016866-00	Groeniger & Company	302.07
Bill	03/25/2010	53651218	John Deere Landscapes	
Bill	03/25/2010	3016594	Groeniger & Company	
Bill	03/25/2010	53600268	John Deere Landscapes	
Bill	04/08/2010		John Deere Landscapes	141.07
Bill	04/08/2010	3017229	Groeniger & Company	
Bill	04/08/2010	3016846	Groeniger & Company	
Bill	04/15/2010	april10	Orchard Supply Hardware	
Bill	04/22/2010	3017399	Groeniger & Company	388.13
Bill	05/06/2010	may10	Orchard Supply Hardware	
Bill	05/06/2010	3017796	Groeniger & Company	160.32
Bill	05/06/2010	3017497	Groeniger & Company	249.85
Bill	05/06/2010	3017499	Groeniger & Company	190.92
Bill	05/06/2010	3017609	Groeniger & Company	292.33
Bill	05/06/2010	3017489	Groeniger & Company	2,231.44
Bill	05/06/2010	3017499-01	Groeniger & Company	136.48
Bill	05/06/2010	3017497-01	Groeniger & Company	48.88
Bill	05/06/2010	3017676	Groeniger & Company	4.66
Bill	05/12/2010	3017831	Groeniger & Company	210.87
Bill	05/12/2010	3017845	Groeniger & Company	2,491.90
Bill	05/12/2010	3017960	Groeniger & Company	301.21
Bill	05/20/2010	3018102	Groeniger & Company	256.75
Bill	05/20/2010	3017845-01	Groeniger & Company	17.59
Bill	06/03/2010	3018415	Groeniger & Company	37.40
Bill	06/10/2010	June10	Orchard Supply Hardware	
Bill	07/06/2010	25090875	White Cap	
Bill	07/15/2010	july10	Orchard Supply Hardware	

Bakman Water Company Account QuickReport

As of December 31, 2010				
Type	Date	Num	Name	Amount
Bill	07/15/2010	3019240	Groeniger & Company	
Bill	07/15/2010	3019287	Groeniger & Company	
Bill	07/22/2010	3019562	Groeniger & Company	
Bill	08/11/2010	aug10	Orchard Supply Hardware	
Bill	08/31/2010	3020099	Groeniger & Company	
Bill	09/09/2010	3020964	Groeniger & Company	372.56
Bill	09/15/2010	sept10	Orchard Supply Hardware	
Bill	09/17/2010	3021141	Groeniger & Company	
Bill	10/06/2010	3021666	Groeniger & Company	2,872.15
Bill	10/06/2010	25098987	White Cap	
Credit	10/13/2010	3019549	Groeniger & Company	-281.16
Bill	10/13/2010	3019173	Groeniger & Company	2,836.05
Bill	10/13/2010	oct10	Orchard Supply Hardware	
Bill	11/04/2010	3022460	Groeniger & Company	2,891.65
Bill	11/04/2010	56235362	John Deere Landscapes	
Bill	11/04/2010	3021666-01	Groeniger & Company	115.34
Bill	11/04/2010	3022328	Groeniger & Company	
Bill	11/11/2010	3022651	Groeniger & Company	39.23
Bill	11/18/2010	56419455	John Deere Landscapes	8.45
Bill	11/18/2010	56399112	John Deere Landscapes	
Bill	11/24/2010	56419455	John Deere Landscapes	
Bill	11/24/2010	25102370	White Cap	
Bill	11/24/2010	3022986	Groeniger & Company	
Bill	12/09/2010	dec10	Orchard Supply Hardware	
Bill	12/10/2010	3023143	Groeniger & Company	
Bill	12/16/2010	3023387	Groeniger & Company	1,381.85
Bill	12/16/2010	3023387-02	Groeniger & Company	109.52
Bill	12/16/2010	3023387	Groeniger & Company	1,685.02
Bill	12/16/2010	3023438	Groeniger & Company	249.36
Total 105-101 - 2025 Meter Project				<u>27,475.05</u>
TOTAL				<u><u>27,475.05</u></u>

Bakman Water Company Account QuickReport

As of December 31, 2011

Type	Date	Num	Name	Memo	Amount
105-101 - 2025 Meter Project					
Bill	01/06/2011	jan11	Orchard Supply Hardware		
Bill	02/01/2011	3024097	Groeniger & Company		886.77
Bill	02/01/2011	3023945	Groeniger & Company		3,865.99
Bill	02/01/2011	3023979	Groeniger & Company		
Bill	02/03/2011	3024266	Groeniger & Company		47.95
Bill	02/03/2011	3024238	Groeniger & Company		96.00
Bill	02/03/2011	3023945	Groeniger & Company		67.50
Bill	02/03/2011	3024201	Groeniger & Company		
Credit	02/03/2011	3024104	Groeniger & Company		-1,105.35
Bill	02/03/2011	159558	Measurment Contol System, Inc.		375.96
Bill	02/09/2011	feb11	Orchard Supply Hardware		
Bill	02/09/2011	3024388	Groeniger & Company		223.85
Bill	02/18/2011	3024697	Groeniger & Company		
Bill	02/18/2011	3024539	Groeniger & Company		
Bill	03/04/2011	3024860	Groeniger & Company		
Bill	03/04/2011	159988	Measurment Contol System, Inc.		
Bill	03/11/2011	3025034	Groeniger & Company		
Bill	03/22/2011	march11	Orchard Supply Hardware		
Bill	03/22/2011	3025253	Groeniger & Company		1,393.75
Bill	03/22/2011	3025386	Groeniger & Company		280.88
Bill	04/07/2011	april11	Orchard Supply Hardware		
Bill	04/07/2011	25109645	White Cap		
Bill	04/07/2011	180291	John Deere Landscapes		
Bill	04/14/2011	3025020-00	Groeniger & Company		
Bill	04/28/2011	april11	Home Depot		
Bill	05/05/2011	161287	Measurment Contol System, Inc.		
Bill	05/05/2011	3025863	Groeniger & Company		
Bill	05/05/2011	3025738	Groeniger & Company		
Bill	05/05/2011	3025741	Groeniger & Company		2,757.00
Bill	05/05/2011	3025853	Groeniger & Company		
Bill	05/05/2011	3025939	Groeniger & Company		
Bill	05/05/2011	498228	Ferguson Enterprises, Inc.		
Bill	05/12/2011	may11	Orchard Supply Hardware		
Credit	05/25/2011	3026777	Groeniger & Company		
Bill	05/25/2011	may11	Home Depot		
Bill	05/25/2011	161496	Measurment Contol System, Inc.		
Bill	06/08/2011	3026772	Groeniger & Company		
Bill	06/17/2011	58157072	John Deere Landscapes		
Bill	07/14/2011	july11	Orchard Supply Hardware		
Bill	08/04/2011	162788	Measurment Contol System, Inc.		2,380.85
Bill	08/11/2011	aug11	Orchard Supply Hardware		
Bill	08/18/2011	3028837	Groeniger & Company		
Bill	08/18/2011	3028519	Groeniger & Company		358.68
Bill	08/30/2011	3029019	Groeniger & Company		

Bakman Water Company Account QuickReport

As of December 31, 2011

Type	Date	Num	Name	Memo	Amount
Bill	08/30/2011	3028998-01	Groeniger & Company		110.11
Bill	08/30/2011	3028998	Groeniger & Company		132.24
Bill	08/30/2011	3028837-01	Groeniger & Company	torrey Ridge	180.82
Bill	09/15/2011	sept11	Home Depot		
Bill	09/15/2011	sept11	Orchard Supply Hardware		
Bill	09/22/2011	62592247	John Deere Landscapes		
Bill	09/22/2011	3029672	Groeniger & Company		
Bill	10/06/2011	59242409	John Deere Landscapes		
Bill	10/06/2011	3029886	Groeniger & Company		
Bill	10/06/2011	59242409	John Deere Landscapes		
Bill	10/19/2011	3030385	Groeniger & Company		182.75
Bill	10/19/2011	oct11	Home Depot		
Bill	10/19/2011	oct11	Orchard Supply Hardware		
Bill	11/08/2011	3030934	Groeniger & Company		
Bill	11/08/2011	3030933	Groeniger & Company		57.87
Bill	11/08/2011	3030802	Groeniger & Company		121.36
Bill	11/08/2011	3030525	Groeniger & Company		307.84
Bill	11/08/2011	3030803	Groeniger & Company		
Bill	11/15/2011	nov11	Orchard Supply Hardware		
Bill	12/06/2011	pump 6	John Deere Landscapes		
Bill	12/29/2011	dec11	Orchard Supply Hardware		
Total 105-101 - 2025 Meter Project					12,722.82
TOTAL					12,722.82

Bakman Water Company Account QuickReport

As of December 31, 2012

Type	Date	Num	Name	Memo	Amount
105-101 - 2025 Meter Project					
Bill	01/06/2012	3032106	Groeniger & Company		
Bill	01/06/2012	jan12	Orchard Supply Hardware		
Bill	01/26/2012	60085730	John Deere Landscapes		
Bill	01/26/2012	jan12	Home Depot		
Bill	02/15/2012	3032742	Groeniger & Company		2,054.44
Bill	02/15/2012	feb12	Orchard Supply Hardware		
Bill	02/16/2012	feb12	Home Depot		
Bill	02/16/2012	60243117	John Deere Landscapes		
Bill	02/16/2012	3032930	Groeniger & Company		1,176.84
Bill	02/27/2012	3033268	Groeniger & Company		
Bill	02/27/2012	3033269	Groeniger & Company		
Bill	02/27/2012	3033168	Groeniger & Company		
Bill	02/27/2012	596096	John Deere Landscapes		
Bill	03/05/2012	march12	Orchard Supply Hardware		
Bill	03/05/2012	3033419	Groeniger & Company		
Bill	03/22/2012	25137255	White Cap		
Bill	03/22/2012	mar12	Home Depot		
Bill	04/02/2012	424967	Groeniger & Company		
Bill	04/02/2012	798155	Groeniger & Company		
Bill	04/11/2012	april12	Orchard Supply Hardware		
Bill	04/17/2012	april12	Home Depot		
Bill	04/24/2012	60938460	John Deere Landscapes		
Bill	04/24/2012	60938664	John Deere Landscapes		
Bill	05/01/2012	60962999	John Deere Landscapes		
Bill	05/01/2012	806417	Groeniger & Company		
Bill	05/01/2012	61064148	John Deere Landscapes		
Bill	05/01/2012	61068885	John Deere Landscapes		
Bill	05/01/2012	2544854	Ferguson Enterprises, Inc.		
Bill	05/01/2012	may12	Orchard Supply Hardware		
Bill	05/09/2012	60938664	John Deere Landscapes		
Bill	05/16/2012	809093	Groeniger & Company		
Bill	05/22/2012	810288	Groeniger & Company		
Bill	06/05/2012	0811677	Groeniger & Company		
Bill	06/14/2012	june12	Orchard Supply Hardware		
Bill	06/14/2012	june121	Home Depot		
Bill	06/14/2012	june12	Home Depot		
Bill	06/26/2012	820438	Groeniger & Company		
Bill	07/05/2012	61872517	John Deere Landscapes		
Bill	07/05/2012	821433	Ferguson Enterprises, Inc.		
Bill	07/05/2012	821403	Groeniger & Company		
Bill	07/20/2012	08241391	Groeniger & Company		911.50
Bill	07/20/2012	july12	Home Depot		
Bill	07/20/2012	0824851	Groeniger & Company		351.26
Bill	07/20/2012	0824139	Groeniger & Company		2,123.26

Bakman Water Company Account QuickReport

As of December 31, 2012

Type	Date	Num	Name	Memo	Amount
Bill	07/20/2012	0822257	Ferguson Enterprises, Inc.		424.61
Bill	08/02/2012	824195	Groeniger & Company		
Bill	08/02/2012	829565	Groeniger & Company		
Bill	08/02/2012	aug12	Orchard Supply Hardware		
Bill	08/07/2012	25149984-00	White Cap		
Bill	08/23/2012	aug12	Home Depot		
Bill	08/23/2012	0835541	Groeniger & Company		
Bill	08/23/2012	0835548	Groeniger & Company		
Bill	08/23/2012	0830498	Groeniger & Company		
Bill	09/06/2012	840050	Ferguson Enterprises, Inc.	savemart	301.18
Bill	09/06/2012	840839	Groeniger & Company		9.81
Credit	09/06/2012	CM067954	Groeniger & Company		-318.16
Bill	09/06/2012	836676	Groeniger & Company		841.46
Bill	09/06/2012	837584	Ferguson Enterprises, Inc.	savemart	593.15
Bill	09/21/2012	0843535	Groeniger & Company	2012-16	561.32
Bill	09/21/2012	0842637	Groeniger & Company	2012-16	1,173.43
Bill	09/21/2012	sept12	Home Depot		
Bill	10/04/2012	0846047	Groeniger & Company	2012-laural tap	866.01
Bill	11/08/2012	63018169	John Deere Landscapes		
Bill	11/08/2012	nov12	Home Depot		
Bill	11/27/2012	63235076	John Deere Landscapes		
Bill	11/27/2012	0860357	Groeniger & Company		2,115.72
Bill	11/27/2012	nov12	Home Depot		
Bill	12/14/2012	0863556	Groeniger & Company		58.84
Bill	12/14/2012	0863660	Groeniger & Company		15.16
Bill	12/14/2012	0863471	Groeniger & Company	2012-16	1,961.44
Bill	12/14/2012	0863472	Groeniger & Company	2011-16	67.61
Bill	12/27/2012	dec12	Home Depot		
Total 105-101 - 2025 Meter Project					15,288.88
TOTAL					15,288.88

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Bakman Water Company Payroll Summary

October 1 through November 15, 2008

	Christopher Coronado			TOTAL	
	Hours	Rate	Oct 1 - Nov 15, 08	Hours	R
Employee Wages, Taxes and Adjustments					
Gross Pay					
Office Salary	1		2,748.66	1.00	
Overtime Hourly Rate	2	25.07	50.14	2.00	
Sick Pay			0.00		
Vaction Pay Hourly	28	15.50	434.00	28.00	
Piece Work - On Call Days			108.00		
Total Gross Pay	31		3,340.80	31.00	
Adjusted Gross Pay	31		3,340.80	31.00	
Taxes Withheld					
Federal Withholding			-225.00		
Medicare Employee			-48.44		
Social Security Employee			-207.13		
CA - Withholding			-52.21		
CA - Disability Employee			-26.72		
Total Taxes Withheld			-559.50		
Deductions from Net Pay					
Dental Insurance Emp (taxable)			-128.58		
Net Deduction - Other			0.00		
Total Deductions from Net Pay			-128.58		
Net Pay	31		2,652.72	31.00	
Employer Taxes and Contributions					
Federal Unemployment			0.00		
Medicare Company			48.44		
Social Security Company			207.13		
CA - Unemployment Company			0.00		
CA - Employment Training Tax			0.00		
Total Employer Taxes and Contributions			255.57		

Bakman Water Company
Payroll Summary
 October 1 through November 15, 2008

	Luis Briseno, Jr.			TOTAL		
	Hours	Rate	Oct 1 - Nov 15, 08	Hours	R	Oct 1 - Nov 15, 08
Employee Wages, Taxes and Adjustments						
Gross Pay						
Office Salary			2,272.00			2,272.00
Overtime Hourly Rate	6	25.07	150.42	6.00		150.42
Sick Pay			0.00			0.00
Vaction Pay Hourly			0.00			0.00
Piece Work - On Call Days			108.00			108.00
Total Gross Pay	6		2,530.42	6.00		2,530.42
Adjusted Gross Pay	6		2,530.42	6.00		2,530.42
Taxes Withheld						
Federal Withholding			-292.00			-292.00
Medicare Employee			-36.70			-36.70
Social Security Employee			-156.89			-156.89
CA - Withholding			-47.71			-47.71
CA - Disability Employee			-20.25			-20.25
Total Taxes Withheld			-553.55			-553.55
Deductions from Net Pay						
Child Support Garnishment			-715.94			-715.94
Dental Insurance Emp (taxable)			-62.34			-62.34
Total Deductions from Net Pay			-778.28			-778.28
Net Pay	6		1,198.59	6.00		1,198.59
Employer Taxes and Contributions						
Federal Unemployment			0.00			0.00
Medicare Company			36.70			36.70
Social Security Company			156.89			156.89
CA - Unemployment Company			0.00			0.00
CA - Employment Training Tax			0.00			0.00
Total Employer Taxes and Contributions			193.59			193.59

Bakman Water Company
Payroll Summary
March through October 2009

	Christopher Coronado			TOTAL	
	Hours	Rate	Mar - Oct 09	Hours	RateMar - Oct 09
Employee Wages, Taxes and Adjustments					
Gross Pay					
Employee Labor			3,120.00		3,120.00
Office Salary	14		18,472.66	14.00	18,472.66
Overtime Hourly Rate	12	25.07	304.70	12.00	304.70
Sick Pay			0.00		0.00
Vaction Pay Hourly	64	18.00	288.00	64.00	288.00
Piece Work - On Call Days			540.00		540.00
Total Gross Pay	90		22,725.36	90.00	22,725.36
Deductions from Gross Pay					
Simple IRA Emp.			-644.80		-644.80
Total Deductions from Gross Pay			-644.80		-644.80
Adjusted Gross Pay	90		22,080.56	90.00	22,080.56
Taxes Withheld					
Federal Withholding			-1,464.00		-1,464.00
Medicare Employee			-329.52		-329.52
Social Security Employee			-1,408.97		-1,408.97
CA - Withholding			-445.17		-445.17
CA - Disability Employee			-249.98		-249.98
Total Taxes Withheld			-3,897.64		-3,897.64
Deductions from Net Pay					
Dental Insurance Emp (taxable)			-685.76		-685.76
Net Deduction - Other			0.00		0.00
Total Deductions from Net Pay			-685.76		-685.76
Net Pay	90		17,497.16	90.00	17,497.16
Employer Taxes and Contributions					
Federal Unemployment			10.63		10.63
Medicare Company			329.52		329.52
Social Security Company			1,408.97		1,408.97
CA - Unemployment Company			26.57		26.57
CA - Employment Training Tax			1.33		1.33
Total Employer Taxes and Contributions			1,777.02		1,777.02

**Bakman Water Company
Payroll Summary
March through October 2009**

	Luis Briseno, Jr.			TOTAL	
	Hours	Rate	Mar - Oct 09	Hours	RateMar - Oct 09
Employee Wages, Taxes and Adjustments					
Gross Pay					
Employee Labor			1,888.00		1,888.00
Office Salary			13,312.00		13,312.00
Overtime Hourly Rate	22	25.07	487.26	22.00	487.26
Sick Pay			0.00		0.00
Vaction Pay Hourly	24	12.00	288.00	24.00	288.00
Piece Work - On Call Days			648.00		648.00
Total Gross Pay	46		16,623.26	46.00	16,623.26
Deductions from Gross Pay					
Simple IRA Emp.			-499.20		-499.20
Total Deductions from Gross Pay			-499.20		-499.20
Adjusted Gross Pay	46		16,124.06	46.00	16,124.06
Taxes Withheld					
Federal Withholding			-1,614.00		-1,614.00
Medicare Employee			-241.04		-241.04
Social Security Employee			-1,030.64		-1,030.64
CA - Withholding			-307.57		-307.57
CA - Disability Employee			-182.86		-182.86
Total Taxes Withheld			-3,376.11		-3,376.11
Deductions from Net Pay					
Child Support Garnishment			-4,320.00		-4,320.00
Dental Insurance Emp (taxable)			-332.48		-332.48
Total Deductions from Net Pay			-4,652.48		-4,652.48
Net Pay	46		8,095.47	46.00	8,095.47
Employer Taxes and Contributions					
Federal Unemployment			21.57		21.57
Medicare Company			241.04		241.04
Social Security Company			1,030.64		1,030.64
CA - Unemployment Company			53.92		53.92
CA - Employment Training Tax			2.70		2.70
Total Employer Taxes and Contributions			1,349.87		1,349.87

Bakman Water Company
Payroll Summary
 May through October 2010

	Christopher Coronado			TOTAL		
	H...	Rate	May - Oct 10	Hours	Ra	May - Oct 10
Employee Wages, Taxes and Adjustments						
Gross Pay						
Employee Labor			17,388.00			17,388.00
Overtime Hourly Rate	11	25.07	275.77	11.00		275.77
Sick Pay			0.00			0.00
Vaction Pay Hourly	68	18.00	1,224.00	68.00		1,224.00
Piece Work - On Call Days			468.00			468.00
Total Gross Pay	79		19,355.77	79.00		19,355.77
Deductions from Gross Pay						
Employee Loan Pmt			-1,200.00			-1,200.00
Simple IRA Emp.			-483.60			-483.60
Total Deductions from Gross Pay			-1,683.60			-1,683.60
Adjusted Gross Pay	79		17,672.17	79.00		17,672.17
Taxes Withheld						
Federal Withholding			-1,447.00			-1,447.00
Medicare Employee			-280.65			-280.65
Social Security Employee			-1,200.06			-1,200.06
CA - Withholding			-497.58			-497.58
CA - Disability Employee			-212.92			-212.92
Total Taxes Withheld			-3,638.21			-3,638.21
Deductions from Net Pay						
Dental Insurance Emp (taxable)			-562.80			-562.80
Net Deduction - Other			0.00			0.00
Total Deductions from Net Pay			-562.80			-562.80
Net Pay	79		13,471.16	79.00		13,471.16
Employer Taxes and Contributions						
Federal Unemployment			0.00			0.00
Medicare Company			280.65			280.65
Social Security Company			1,200.06			1,200.06
CA - Unemployment Company			0.00			0.00
CA - Employment Training Tax			0.00			0.00
Total Employer Taxes and Contributions			1,480.71			1,480.71

Bakman Water Company
Payroll Summary
 May through October 2010

	Luis Briseno, Jr.			TOTAL	
	Hours	Rate	May - Oct 10	Hours	RateMay - Oct 10
Employee Wages, Taxes and Adjustments					
Gross Pay					
Employee Labor			14,546.85		14,546.85
Overtime Hourly Rate	11	25.07	275.77	11.00	275.77
Sick Pay			0.00		0.00
Vaction Pay Hourly	44	16.00	672.00	44.00	672.00
Piece Work - On Call Days			414.00		414.00
Total Gross Pay	55		15,908.62	55.00	15,908.62
Deductions from Gross Pay					
Simple IRA Emp.			-374.40		-374.40
Total Deductions from Gross Pay			-374.40		-374.40
Adjusted Gross Pay	55		15,534.22	55.00	15,534.22
Taxes Withheld					
Federal Withholding			-1,770.00		-1,770.00
Medicare Employee			-230.67		-230.67
Social Security Employee			-986.34		-986.34
CA - Withholding			-433.59		-433.59
CA - Disability Employee			-175.00		-175.00
Total Taxes Withheld			-3,595.60		-3,595.60
Deductions from Net Pay					
Child Support Garnishment			-3,240.00		-3,240.00
Dental Insurance Emp (taxable)			-272.88		-272.88
Total Deductions from Net Pay			-3,512.88		-3,512.88
Net Pay	55		8,425.74	55.00	8,425.74
Employer Taxes and Contributions					
Federal Unemployment			0.00		0.00
Medicare Company			230.67		230.67
Social Security Company			986.34		986.34
CA - Unemployment Company			0.00		0.00
CA - Employment Training Tax			0.00		0.00
Total Employer Taxes and Contributions			1,217.01		1,217.01

Bakman Water Company
Payroll Summary
 June through August 2011

	Christopher Coronado			TOTAL	
	Hours	Rate	Jun - Aug 11	Hours	RateJun - Aug 11
Employee Wages, Taxes and Adjustments					
Gross Pay					
Employee Labor			8,811.00		8,811.00
Overtime Hourly Rate	2	25.07	50.14	2.00	50.14
Sick Pay			0.00		0.00
Vaction Pay Hourly	20	18.00	360.00	20.00	360.00
Piece Work - On Call Days			180.00		180.00
Total Gross Pay	22		9,401.14	22.00	9,401.14
Deductions from Gross Pay					
Employee Loan Pmt			0.00		0.00
Simple IRA Emp.			-241.80		-241.80
Total Deductions from Gross Pay			-241.80		-241.80
Adjusted Gross Pay	22		9,159.34	22.00	9,159.34
Taxes Withheld					
Federal Withholding			-773.00		-773.00
Medicare Employee			-136.32		-136.32
Social Security Employee			-394.84		-394.84
CA - Withholding			-203.19		-203.19
CA - Disability Employee			-112.82		-112.82
Total Taxes Withheld			-1,620.17		-1,620.17
Deductions from Net Pay					
Dental Insurance Emp (taxable)			-293.22		-293.22
Net Deduction - Other			0.00		0.00
Total Deductions from Net Pay			-293.22		-293.22
Net Pay	22		7,245.95	22.00	7,245.95
Employer Taxes and Contributions					
Federal Unemployment			0.00		0.00
Medicare Company			136.32		136.32
Social Security Company			582.87		582.87
CA - Unemployment Company			0.00		0.00
CA - Employment Training Tax			0.00		0.00
Total Employer Taxes and Contributions			719.19		719.19

Bakman Water Company Payroll Summary June through August 2011

	Luis Briseno, Jr.			TOTAL		
	Hours	Rate	Jun - Aug 11	Hours	R	Jun - Aug 11
Employee Wages, Taxes and Adjustments						
Gross Pay						
Employee Labor			8,160.02			8,160.02
Hourly rate	4	16.00	64.00	4.00		64.00
Overtime Hourly Rate		25.07	0.00			0.00
Sick Pay			0.00			0.00
Vaction Pay Hourly	8	16.00	128.00	8.00		128.00
Piece Work - On Call Days			144.00			144.00
Total Gross Pay	12		8,496.02	12.00		8,496.02
Deductions from Gross Pay						
Simple IRA Emp.			-187.20			-187.20
Total Deductions from Gross Pay			-187.20			-187.20
Adjusted Gross Pay	12		8,308.82	12.00		8,308.82
Taxes Withheld						
Federal Withholding			-1,061.00			-1,061.00
Medicare Employee			-123.19			-123.19
Social Security Employee			-356.83			-356.83
CA - Withholding			-228.73			-228.73
CA - Disability Employee			-101.95			-101.95
Total Taxes Withheld			-1,871.70			-1,871.70
Deductions from Net Pay						
Child Support Garnishment			-1,620.00			-1,620.00
Dental Insurance Emp (taxable)			-142.20			-142.20
Total Deductions from Net Pay			-1,762.20			-1,762.20
Net Pay	12		4,674.92	12.00		4,674.92
Employer Taxes and Contributions						
Federal Unemployment			0.00			0.00
Medicare Company			123.19			123.19
Social Security Company			526.75			526.75
CA - Unemployment Company			0.00			0.00
CA - Employment Training Tax			0.00			0.00
Total Employer Taxes and Contributions			649.94			649.94

Bakman Water Company
Payroll Summary
 May through August 2012

	Christopher Coronado			TOTAL	
	Hours	Rate	May - Aug 12	Hours	RateMay - Aug 12
Employee Wages, Taxes and Adjustments					
Gross Pay					
Employee Labor			12,408.00		12,408.00
Overtime Hourly Rate	6	25.07	150.42	6.00	150.42
Sick Pay			0.00		0.00
Vaction Pay Hourly	4	18.00	72.00	4.00	72.00
Piece Work - On Call Days			180.00		180.00
Total Gross Pay	10		12,810.42	10.00	12,810.42
Deductions from Gross Pay					
Employee Loan Pmt			0.00		0.00
Simple IRA Emp.			-322.40		-322.40
Vision Plan			-60.40		-60.40
Total Deductions from Gross Pay			-382.80		-382.80
Adjusted Gross Pay	10		12,427.62	10.00	12,427.62
Taxes Withheld					
Federal Withholding			-521.00		-521.00
Medicare Employee			-185.75		-185.75
Social Security Employee			-538.04		-538.04
CA - Withholding			-65.50		-65.50
CA - Disability Employee			-128.11		-128.11
Total Taxes Withheld			-1,438.40		-1,438.40
Deductions from Net Pay					
Dental Insurance Emp (taxable)			-308.56		-308.56
Net Deduction - Other			0.00		0.00
Total Deductions from Net Pay			-308.56		-308.56
Net Pay	10		10,680.66	10.00	10,680.66
Employer Taxes and Contributions					
Federal Unemployment			0.00		0.00
Medicare Company			185.75		185.75
Social Security Company			794.25		794.25
CA - Unemployment Company			0.00		0.00
CA - Employment Training Tax			0.00		0.00
Total Employer Taxes and Contributions			980.00		980.00

Bakman Water Company
Payroll Summary
 May through August 2012

	Luis Briseno, Jr.			TOTAL	
	Hours	Rate	May - Aug 12	Hours	RateMay - Aug 12
Employee Wages, Taxes and Adjustments					
Gross Pay					
Employee Labor			10,965.36		10,965.36
Overtime Hourly Rate	6	25.07	150.42	6.00	150.42
Sick Pay	8	16.00	128.00	8.00	128.00
Vaction Pay Hourly	16	16.00	256.00	16.00	256.00
Piece Work - On Call Days			234.00		234.00
Total Gross Pay	30		11,733.78	30.00	11,733.78
Deductions from Gross Pay					
Simple IRA Emp.			-249.60		-249.60
Vision Plan			-60.40		-60.40
Total Deductions from Gross Pay			-310.00		-310.00
Adjusted Gross Pay	30		11,423.78	30.00	11,423.78
Taxes Withheld					
Federal Withholding			-1,484.00		-1,484.00
Medicare Employee			-170.14		-170.14
Social Security Employee			-492.82		-492.82
CA - Withholding			-320.25		-320.25
CA - Disability Employee			-117.33		-117.33
Total Taxes Withheld			-2,584.54		-2,584.54
Deductions from Net Pay					
Child Support Garnishment			-2,160.00		-2,160.00
Dental Insurance Emp (taxable)			-308.56		-308.56
Total Deductions from Net Pay			-2,468.56		-2,468.56
Net Pay	30		6,370.68	30.00	6,370.68
Employer Taxes and Contributions					
Federal Unemployment			0.00		0.00
Medicare Company			170.14		170.14
Social Security Company			727.49		727.49
CA - Unemployment Company			0.00		0.00
CA - Employment Training Tax			0.00		0.00
Total Employer Taxes and Contributions			897.63		897.63

From: dale [<mailto:dalek@activatedcarbon.com>]

Sent: Tuesday, March 26, 2013 11:39 AM

To: Lon Martin

Subject: RE: Filter Systems

Lon,

You should be fine using \$ 115,000 as long as the project is not too far in the future as the current price would be around \$ 108,000.00.

Thank you,
Dale Kerr
Operations/Sales



Carbon Activated Corp.
250 E. Manville Street
Compton, CA 90220
Cell: (310) 418-2430
Office: (310) 885-4555
Fax: (310) 885-4558

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FM-7.2.3-01 Rev.A

From: Les Watson [<mailto:lwatson@aquasierra.com>]

Sent: Wednesday, March 20, 2013 8:44 AM

To: Shay@bakmanwater.com

Subject: SCADA Quote and Analyzer Estimate

Shaymus see the attached quote for SCADA. Also I received the estimate for the Nitrate Analyzer. I hope your sitting down. It is manufactured by ABB. Single input variable \$ 17,851.78
Dual variable input \$ 28,941.80. Thanks

Les Watson
President and Applications Engineer
Aqua Sierra Controls, Inc.
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Auburn, CA 95603
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**Engineering General and Electrical Contractor
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1650 Industrial Drive, Auburn, CA 95603
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service@aquasierra.com/www.aquasierra.com
Contractor License 474023 A & C-10

DESIGN BUILD - SCADA – AUTOMATION - MOTOR CONTROLS
PUMP STATIONS - UL508 PANEL SHOP - INSTRUMENTATION SERVICES AND
TESTING - FLOW STUDIES AND EVALUATION

March 20, 2013

Bakman Water Company
5105 Belmont
Fresno, CA 93727

Attention: Shaymus Bakman

Subject: Cover letter
Re: SCADA

Dear Shaymus

I am forwarding our bid for the SCADA system for your review. This quote is currently being reviewed by the DFS engineers as part of our agreement with them, to insure what we are quoting will provide the functions you are looking for. This quote is subject to modifications if any recommended by Data Flow System. Thank you.

Respectfully,

Les Watson
Applications Engineering and Sales



Aqua Sierra Controls, Inc.

**Engineering General and Electrical Contractor
Sales & Service (800) 649-4287**



1650 Industrial Drive, Auburn, CA 95603
Office (530) 823-3241 Fax (530) 823-3475
service@aquasierra.com/www.aquasierra.com
Contractor License 474023 A & C-10

DESIGN BUILD - SCADA – AUTOMATION - MOTOR CONTROLS
PUMP STATIONS - UL508 PANEL SHOP - INSTRUMENTATION SERVICES AND
TESTING - FLOW STUDIES AND EVALUATION

March 19, 2013

Bakman Water Company
5105 Belmont
Fresno, CA 93727

Attention: Shaymus Bakman
Steve Pickens

Subject: SCADA Telemetry, Security and Electrical
Re: SCADA Master Station and Remote Water Wells 8 and 8A
Quote: QJ01476-1

Dear Shelly and Steve

I am in receipt of your e-mail requesting a revision to our previous SCADA quotation dated July 2011. You have requested that we re-quote providing the Data Flow SCADA master, CTU and two well RTU's with motor MCC panels and accessories. The following is our revised quotation for your review and approval.

In our earlier conversation we had discussed your expectations regarding the SCADA telemetry features that could be achieved using the DFS equipment.

We have submitted the longitude and latitude for each of the remote site wells and the office for the radio path survey. The survey indicates good path to all of the sites with antennas at 20'AGL. We will be using Data Flows VHF licensed frequency radios that are high speed Ethernet ready, required for camera video communication and quality. A copy of the radio survey will be submitted in our pre-job submittal package for your review.

You had indicated in our conversation that you are going after grant funds that may be available to you for a project this size. For this reason we have

included the cost for a licensed electrical engineer required by SBA or other funding agency as engineer of record. We propose to use ECS engineering to provide design review of our electrical and SCADA control drawings to provide the required engineers stamp.

Our Scope of Work Proposed

1. Aqua Sierra Controls Inc. holds a California class "A" design build contractor license with an additional "C-10" electrical license. We shall provide design build plans and specifications for submittal drawings detailing the well site SCADA control and electrical schematics. Provide an electrical engineer as an option to review and stamp our design drawings. We shall provide (3) sets of submittal books in hard cover to include equipment specifications, radio survey data and mechanical, electrical and control drawings for your approval before equipment is ordered. Drawings will consist of approx. 3 to 5 drawings per well site reflecting electrical control, instrument loop schematics, grounding and loop I/O layout.

We will provide (3) sets of hard copy O&M manuals and (1) digitized set with CD for new equipment installed. The O&M manuals will include hard copy and digital copy of PLC ladder logic developed for your project and final As-built drawings and software.

2. Upon approval of submittals and notice to proceed we shall submit purchase requests to our vendors to order parts and materials. Once we have determined delivery time lines for the equipment we shall provide you with an estimated work schedule and job end time line.

3. Upon receipt of equipment at our facility our shop shall fabricate and assemble the Data Flow RTU enclosures and electrical motor control panels. The panels shall be pre-wired and tested in our shop prior to delivery to your job site. Motor control panels shall be equipped with a Nema 3R enclosure with thru door CB disconnect, motor starter with overload heaters, motor disconnect CB, control transformer and HOA control switches.

We shall provide all required PLC and SCADA server programming and data configuration for the new equipment, including graphical screens for each well site.

4. We shall transport all fabricated enclosures and instruments to the job site. We will install the master SCADA server, antenna, work station and cameras at the main office. Once installed the workstation will be started up and made operational for testing remote field sites as they are brought on line.

5. Well site work will include: Building a new equipment back panel to provide a mounting location for the new motor starter enclosure, RTU enclosure, wire-way trough and PG&E disconnect switch. The mounting will be made of Galvanized Unistrut structure with 1/2" Marine plywood back board bolted to the structure. New conduit from the PG&E meter base will be installed to direct the power to

the back board and back to the well pump motor junction box that we will install on the existing power pole.

6. We will provide electrical and control signal wiring between the MCC, field instruments and the DFS RTU to provide monitoring and control of the well pump. We will furnish and install the following instruments: Well water level transmitter, system pressure transmitter and well discharge flow rate from the Water Specialties flow meters. We shall provide all conduit work and wiring required to bring the above signals back to the DFS RTU. Some of the sites will require us to provide trenching, saw cutting, asphalt and concrete patch work to provide for longer runs of conduit work to bring the video signal and flow and level signals back to the RTU.

We will install each well site with motor lead amperage CT transmitters to reflect operating amperage of the well pump motor. We shall install at each well site ahead of the motor starter a system watt meter to determine the power consumption of the well sites. The watt meter, time of day clock and well pump capacity shall be used by the Data Flow software to manage the system well operation to take advantage of power discounts and effective well management.

7. We will provide the required video cameras, camera mounts and video signal and electrical power cable runs back to the DFS RTU. In some cases we will utilize the antenna mast pole as the camera mount location, but for the larger sites we will install a separate camera mast pole. Cameras will be placed at locations agreed upon by Bakman personnel.

8. During construction we will work with your personnel to provide them training throughout the project. We will startup and test each well site for communication and antenna alignment. We will verify all instrument and electrical signals from the well back to the master station. We will adjust and align the video camera to gain the optimum picture back at the central site. We will test the camera pan to insure movement side to side and up/down.

9.. Once the construction work is complete and all well sites are operational, we will provide two 4 hour days of training on the DFS SCADA equipment at your facility or more if needed as required.

DFS/ASC Equipment Benefits, Warranty and Workmanship

1. Free Data Flow equipment training for the first year after installation of the system at our facility in Auburn. This service must be scheduled in advance and will include (2) eight hour days per customer for the first year. Additional training after one year will be charged at \$ 300.00/day per person.

2. Free DFS SCADA Software upgrades for the life of the system including any new software produced by Data Flow.

3. Life time warranty on the Hyper TACII software.

4. One year on-site construction warranty: covering material defects and workmanship.

5. Three-year return-to-factory warranty on all Data Flow SCADA function modules, Pump controllers (TCU), Supervisory Control Units (SCU), backpack Radios, Hyperserver including damage due to lightening and surges.
6. Free Firmware upgrades on the function modules for the life of the system.
7. Complete compatibility pin for pin for new replacement function modules over older modules eliminating the need for rewiring.
8. Unlimited user access for the Hyper TACII software, no additional licenses required.
9. Hyperserver interface requires no software to install on client machines uses only Internet browsers such as Internet Explorer.
10. Open Architecture languages: Modbus RTU, Modbus ASCII and Modbus Ethernet, Modbus TCIP. Hyperserver interface drivers to Allen Bradley, Modicon, GE, Siemens, Etc.
11. Local area Service Company in Auburn Calif. Complete spare parts inventory for DFS modules, pump Controllers, radios and Hyperserver unit maintained in Auburn, Ca.
12. Free technical phone support during regular business hours M-F 7:30am to 5pm for the first year the system is in operation. Additional phone support After 1-year or system maintenance can be handled at T/M or by pre-established maintenance agreement programs. A quote will be furnished upon request. Emergency response field service is offered 24/7/365 at our T&M rate unless already included in a maintenance program.

SCADA Workstation & Well Site Display Attributes

Each well site will be displayed at the central workstation screen with the following custom graphical screen configuration. Other screen configurations can be installed at no additional cost if you wish to make changes while we are installing.

1. A color active graphical screen reflecting the well pump, pump piping, hydro tank and in flow/outflow detail. The pump color will rotate when pump is activated.
2. Active screen reflecting well water level movement with a level display indicating the water level in feet.
3. Laid into the well screen will be a box indicating system pressure, flow rate, Totalized flow, power consumption in watts and motor current. Additional boxes will be added for CL2 and other parameters you wish to add.
4. The screen will include an active HOA control switch, pump run status indication, pump fail indication and RTU security breach alarm. Each RTU will be fit with a door open security switch.
5. Each well site will have a screen location to view the video from the security camera, by pushing the prompt on the screen. This will include the central site.

Well Site DFS RTU Attributes

Each well site Data Flow RTU will be configured with the following I/O function modules and instrumentation to be described in detail in the following pages.

1. (1) DFS RTU204 Modular back panel that will accept (3) I/O function modules and a PLC or (4) slots for I/O without the PLC. Expand by adding another MBP001-1 modular back plane to allow for 9 module slots.
2. (1) DFS Analog monitor allowing for (4) 4-20 MADC inputs and (4) digital inputs. Expand by adding another module.
3. (1) DFS Digital control and monitor allowing for (4) AC/DC control outputs and (8) AC/DC discreet inputs. Expand by adding another module.
4. (1) DFS PLC033 programmable logic controller with local HMI
5. (1) DFS TIM007-VDR High speed Ethernet radios for surveillance video.

Control attributes at Central and Wells

1. Automatic voice synthesized alarm auto dialer
2. Ability to respond to alarms and review control screens from home or vehicle using a laptop computer.
3. Control over ride capability from home or vehicle to make corrective action in an emergency or response to an alarm.
4. Control of the wells from the central site in manual start/stop from the work station. Automatic control of the wells based on a preprogram located in the server to turn wells on/off based on power availability, zone press, time of day. Automatic well operation: from local well PLC'S in the event of communication failure with the central site. View security cameras from the central site, home or vehicle. Five levels of security requiring specific pass words before an operator can access certain features of the automatic program and programming features. These are just a few of the key features.

SCADA Master Station and Well Site Equipment and Labor Cost Breakout

Central Site

(1) Data Flow (DFS) Hyper SCADA Server (HSS002-2 Fully redundant backup. Includes:

- (1) 24"W X 30" H X 8" D Steel enclosure
- (2) MBP001 modular backplanes
- (2) Hyper Server Module (HSM001-3 933 MHz)
- (2) Network Switch (NSM001)
- (1) Network Fiber Module (NFM001) for connection to CTU
- (2) Power Supply Module (PSM001-3)
- (1) APC1000 UPS power backup
- (1) Cat 5 Surge Protection.

- (1) Linux Operating system. Free with the server
- (1) DFS HyperTac II SCADA Software. Free with the server
- (1) MySQL Software. Free with the server
- (1) Dell Vostra 230 Mini Tower workstation with Vostra E2211H 22 Inch wide screen and Dell high color speed ink jet printer.
- (2) Telephone Line Surge suppressor for dial in/out

Central Site CTU

- (1) DFS CTU202 fiberglass enclosure to house: (1) modular backplane, (1) SPS001 120 VAC surge suppressor, (1) Antenna Polyphaser surge arrester, (1) Radio pigtail, (1) 120 VAC transient filter shield and (1) 3.0AH battery backup.

Modules include:

- (1) DFS TIM007-VDR radio
- (1) DFS PSM003-1 power supply
- (1) DFS FIM001-10/100 fiber interface module for connection to the server. (80') of Fiber Optic: interface cable with connectors for NFM connection.
- (1) Network switch
- (1) DFS CTA209 Omni antenna 200 MHz Band (125') LMR antenna coaxial cable with N connectors, custom fit to installation.
- (2) Canon 2812B004 camera with DOW BRMPM1 heated housing and housing mount. Includes VDR Recorder.
- (1) Installation materials for telemetry equipment, antenna and cameras.

Central Site Equipment Price

1. Equipment and materials.	\$ 29,016.99
2. Sales tax cost.	2,386.65
3. Shipping and handling cost.	565.88
<hr/>	
4. Equipment total.	\$ 31,969.52

Central Site Labor Price

1. Shop: Submittals, O&M, radio licensing.	\$ 11,225.33
2. SCADA Programming.	5,265.71
2. Field installation labor for central site telemetry and cameras	19,591.99
<hr/>	
3. Total Central Site Labor.	\$ 36,083.03

Optional: Project Engineering Service

We are providing this cost because generally when applying for grant funding, the lending agency, SBA, State or other requires an engineer of record to complete the loan documents... Our engineer of record is our Sub-Contractor: ECS electrical engineering. ECS will be providing complete project engineer of record, project construction over sight and stamped submittal documents, drawings and as-built drawings. The price for engineering services if required under your grant fund loan requirements. \$ 6,625.00

Well No. 8

- (1) DFS/ASC 36 X 30 X 10 Steel enclosure with hinged lockable outer door, Hinged inner equipment door and Equipment back panel. Enclosure will house:
 - (1) DFS: MBP001-3 modular Back panel with PLC option.
 - (1) DFS PSM003-1 power supply
 - (1) DFS TIM007-VDR high speed Ethernet radio module.
 - (1) DFS PLC003 programmable logic controller
 - (1) Maple HMI5043T color touch screen with program cable, comm. cable and power supply.
 - (1) Net Work Switch 4 channel
 - (1) DFS: AMM002 analog monitor module with (4) 4-20 inputs and (4) DC digital Inputs.
 - (1) DFS DCM003-04 digital control and monitor module with (4) AC/DC outputs And (8) AC/DC inputs.
 - (1) DFS SPS001 120 VAC surge protection
 - (1) DFS TFS001 120 VAC transient filter shield
 - (1) DFS Ditek 480 VAC surge protection
 - (1) Meanwell DR120-24 24 VDC instrument power supply
 - (1) Acromag 4 Channel I/I interface
 - (1) DFS Antenna Polyphaser surge protection
 - (1) DFS 42" Radio pigtail BNC to N conn
 - (1) DFS 3.0AH backup battery
 - (1) DFS RTA209 Yagi directional antenna
 - (40') of: LMR400 antenna coaxial cable, with N connectors.
 - (1) Lot materials for equipment, antenna and camera install.
 - (1) Canon 281B004 camera with DOW D2HBMVP heated housing and housing Mount. Includes VDR video recorder.
 - (50') of: Ethernet camera cable with ends.
 - (1) Flex Core PC5-006E Watt power transmitter with (1) IKU4SC wire terminal and (3) 5ST-201 CT'S for 480 VAC 3-PH. Provide power consumption 4-20 MADC output to SCADA.
 - (3) Hawkeye motor current CT current transmitters, AC current to 4-20 MADC for current monitoring of motor leads.
 - (1) Marine plywood equipment mounting back panel with 1-5/8 Galva Unistrut support structure with mounting hardware and electrical JIC boxes.
 - (1) Water Specialties TR16 pulse or current flow transmitter
 - (1) Keller 300DS submersible well level transmitter, range to be determined. Includes 300' of transducer cable and (1) Keller 845 Bellows & JIC enclosure.
 - (1) Keller: model 27 press transmitter 2-wire. Press to be determined.
 - (1) 25HP 480VAC 3-PH 3-wire motor starter panel with Nema 2 starter with overload heaters and thru door 50amp CB disconnect, HOA control switch in Nema 3R steel enclosure.
 - (1) Safety Switch 100 A 480 VAC 3-PH 3-wire main service disconnect in a Nema 3R steel enclosure.
 - (1) ACME: Electric 2KVA 480 VAC 3-PH control Transformer, with 3-pole 15A CB disconnect.

Well 8 Equipment Price

1. Equipment and materials.	\$ 26,765.98
2. Sales tax cost.	2,201.80
3. Shipping and handling cost.	629.15

4. Total equipment.	\$ 29,596.93
---------------------	--------------

Labor Price

1. Shop: MCC Panel and RTU assy.	\$ 3,828.57
2. Shop: DFS PLC033 Programming & maple software.	1,537.50
3. Field installation for telemetry, electrical, instruments & cameras.	13,407.28

4. Total Site Labor.	\$ 18,773.35
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Well No. 8A

- (1) DFS/ASC 36 X 30 X 10 Steel enclosure with hinged lockable outer door, Hinged inner equipment door and Equipment back panel. Enclosure will house:
 - (1) DFS: MBP001-3 modular Back panel with PLC option.
 - (1) DFS PSM003-1 power supply
 - (1) DFS TIM007-VDR high speed Ethernet radio module.
 - (1) DFS PLC003 programmable logic controller
 - (1) Maple HMI5043T color touch screen with program cable, comm. cable and Power supply.
 - (1) Net Work Switch 4 channel
 - (1) DFS: AMM002 analog monitor module with (4) 4-20 inputs and (4) DC digital Inputs.
 - (1) DFS DCM003-04 digital control and monitor module with (4) AC/DC outputs And (8) AC/DC inputs.
 - (1) DFS SPS001 120 VAC surge protection
 - (1) DFS TFS001 120 VAC transient filter shield
 - (1) DFS Ditek 480 VAC surge protection
 - (1) Meanwell DR120-24 24 VDC instrument power supply
 - (1) Acromag 4 Channel I/I interface
 - (1) DFS Antenna Polyphaser surge protection
 - (1) DFS 42" Radio pigtail BNC to N conn
 - (1) DFS 3.0AH backup battery
 - (1) DFS RTA209 Yagi directional antenna
 - (40') of: LMR400 antenna coaxial cable, with N connectors.
 - (1) Lot materials for equipment, antenna and camera install.
 - (1) Canon 281B004 camera with DOW D2HBMVP heated housing and housing mount. Includes Video VDR recorder.
 - (50') of: Ethernet camera cable with ends.

- (1) Flex Core PC5-006E Watt power transmitter with (1) IKU4SC wire terminal and (3) 5ST-201 CT'S for 480 VAC 3-PH. Provide power consumption 4-20 MADC output to SCADA.
- (3) Hawkeye motor current CT current transmitters, AC current to 4-20 MADC for current monitoring of motor leads.
- (1) Marine plywood equipment mounting back panel with 1-5/8 Galva Unistrut support structure with mounting hardware and electrical JIC boxes.
- (1) Water Specialties TR16 pulse or current flow transmitter
- (1) Keller 300DS submersible well level transmitter, range to be determined. Includes 300' of transducer cable and (1) Keller 845 Bellows & JIC enclosure.
- (1) Keller: model 27 press transmitter 2-wire. Press to be determined.
- (1) 100HP 480VAC 3-PH 4-wire motor starter panel with Nema 4 starter with Overload heaters and thru door 200amp CB disconnect, HOA control switch in Nema 3R steel enclosure.
- (1) Safety switch 200amp 480 VAC 3-PH 4-wire main service disconnect in a Nema 3R steel enclosure.
- (1) ACME: Electric 2KVA 480 VAC 3-PH control Transformer with 3-pole 15A CB Disconnect

Well 8A Equipment Price

1. Equipment and materials.	\$ 34,412.98
2. Sales tax cost.	2,831.15
3. Shipping and handling cost.	820.62

4. Total equipment.	\$ 38,064.74

Labor Price

1. Shop: MCC Panel and RTU assy.	\$ 3,828.57
2. Shop: DFS PLC033 Programming & maple software.	1,537.50
3. Field installation for telemetry, Electrical, instruments & cameras.	13,407.28

4. Total Site Labor.	\$ 18,773.35

Final Compiled Total Cost.

1. Equipment & materials.	\$ 90,195.95
2. Sales tax.	7,419.60
3. Shipping and handling.	2,015.65
4. Shop labor and panel fabrication.	18,882.47
5. SCADA and PLC programming and Software.	8,340.71
6. Field installation labor and expense.	46,406.58
7. Option: Engineering and engineer of record.	6,625.00

8. Project Total.	\$ 179,885.96

Items Not Included in Our Proposal

1. Permits, bonds or prevailing wage.
2. Structural or mechanical engineering
3. Insurance in excess of our standard 2M liability and Workers Comp insurance.

Delivery: 8 to 10 weeks

Terms: Private parties or companies who do not have prior credit approval with our company for projects in excess of \$ 30K, must furnish credit references and with the first order provide a good faith deposit for equipment of 20% based on equipment purchase price. All other billings and payments will be based on our standard construction progress billing process, based upon percent completion of work net 30. Discounts of 1.5 % are offered if invoices paid Net 20.

Please call if you have any questions, or wish to set up a meeting to discuss this project. Thank you for the opportunity to provide this quote.

Respectfully Submitted

Les Watson
Senior Applications Engineer

CC: Josh Lane, SCADA Sales Manager



QUOTATION

2250 Apollo Way, Suite 300
 PO Box 8339
 Santa Rosa, CA 95407
 707 575-0700
 707-575-3786 FAX

DATE: 3/12/2013

TERMS: Net 30 Days
 SHIP VIA: Best Way
 PO#
 QUOTED BY: Kathy Richards

Bill To:
Bakman Water Co. 5105 E. Belmont Fresno, CA 93727

Ship To:
same

Description	Qty	Unit Price	Amount
<u>Make the Choice....Connect with Itron</u>	1	\$ 10,000.00	\$ 10,000.00
Itron FC300SR handheld with charging cradle	1	incl.	
MVRS Software	1	incl.	
Itron 100W radio endpoint with in-line connector	120	incl.	
2-days on-site training	1	incl.	
ITRON CCU Gateway collector (GPRS cellular, Ethernet, or WiF	2	\$ 4,200.00	\$ 8,400.00
ITRON Repeater 100	2	\$ 3,250.00	\$ 6,500.00
Level 1 Network Software	1	\$ 5,000.00	\$ 5,000.00
<u>Itron Hosting Services</u>			
Intial Setup & Server Fees	1	\$ 3,000.00	\$ 3,000.00
Monthly Hosting - Itron private cloud serices - Cellular	12	\$ 1,254.00	\$ 15,048.00
Professional Services (estimate)	1	\$ 25,000.00	\$ 25,000.00
Annual GPRS cellular backhaul - based on 2 CCUs	1	\$ 1,200.00	\$ 1,200.00
*customer is responsible for cellular contract - estimate based on 2 GPRS collectors @ \$50/month			
<u>*all meters equipped with encoder register, Itron In-line connector, and ITRON 100W radio endpoint</u>			
3/4" Badger Model 35 Brnz meter w/brnz bottom (7-1/2 or 9")		\$ 241.55	\$ -
1" Badger Model 55 Bronze meter w/bronze bottom,	1,453	\$ 283.75	\$ 412,288.75
1-1/2" Badger Model 120 Bronze meter w/test plug	600	\$ 501.50	\$ 300,900.00
2" Badger Model 170 Bronze meter w/test plug,		\$ 676.00	\$ -
3" Compound Series Meter (high/low) with test plug		\$ 2,186.00	\$ -
4" Compound Series Meter (high/low) with test plug		\$ 3,348.00	\$ -
<u>*retrofit of existing Neptune meters</u>			
Neptune Pro-Read encoder register (bare wire)	400	\$ 95.00	\$ 38,000.00
ITRON 100W radio endpoint & register side in-line connector	280	\$ 108.00	\$ 30,240.00
Register side in-line connector	120	\$ 12.00	\$ 1,440.00
Promotional Program - \$4 per endpoint credit	(2,333)	\$ 4.00	\$ (9,332.00)

Subtotal	\$ 847,684.75
Available: Stock to 3 weeks ARO	
Fresno County 8.225%	Tax 69,722.07
F.O.B.: Jobsite	Freight -
	Total \$ 917,406.82

Remit to:
 National Meter & Automation, Inc.
 PO Box 5429
 Greenwood Village, CO 80155-5429
 Prices Subject to review after: 120 days

Customer Phone: (559) 255-0324
 Customer Fax:



Groeniger & Company

2812 S ORANGE AVE
FRESNO, CA 93725-1922

INVOICE NUMBER	CUSTOMER	PAGE
0882794	424967	1

PLEASE REFER TO INVOICE NUMBER WHEN
MAKING PAYMENT AND REMIT TO:

Please contact with Questions:
510-300-6360

FERGUSON ENTERPRISES INC 1423
DBA GROENIGER & COMPANY
FILE 56809
LOS ANGELES, CA 90074-6809

00006702 01 MB 0.405 01 TR 028 FRIDDR01 000000
BAKMAN WATER CO
5105 EAST BELMONT
FRESNO, CA 93747-7965

SHIP TO:

COUNTER PICK UP
2812 S ORANGE AVE
FRESNO, CA 93725-1922



SHIP WHSE.	SELL WHSE.	TAX CODE	CUSTOMER ORDER NUMBER	SALESMAN	JOB NAME	INVOICE DATE	BATCH
3303	3303	CA10	CHRIS	BAH	MR2025	03/13/13	IO 38452

ORDERED	SHIPPED	ITEM NUMBER	DESCRIPTION	UNIT PRICE	UM	AMOUNT
10	10	FKV43444WNL	LF 1 CTS COMP X MTR ANG KEY VLV	46.430	EA	464.30
10	10	FC38442625NL	LF 1X2-5/8 MIP STRT MTR COUP	13.300	EA	133.00
20	20	FINSERT52	1 CTS PET / HDPE DR9 INS STFNR	1.410	EA	28.20
10	10	IGNGP	1X4 GALV STL NIP	1.044	EA	10.44
10	10	IGNGK	1X2 GALV STL NIP	0.800	EA	8.00
10	10	IGNGCL	1XCLOSE GALV STL NIP	0.800	EA	8.00
15	15	IGS9G	1 GALV MI 150# ST 90 ELL	2.070	EA	31.05
15	15	IGCG	1 GALV MI 150# COUP	1.960	EA	29.40
20	20	IG9G	1 GALV MI 150# 90 ELL	1.670	EA	33.40
10	10	IGBHG	1-1/4X1 GALV MI BUSH	1.880	EA	18.80
25	25	CFL9BOX	FL9BOX FIBRELYTE BX	32.730	EA	818.25
25	25	CB9D	R-9D CNCRT LID - WTR	14.590	EA	364.75
25	25	P40SMAG	1 PVC S40 SXM ADPT	0.233	EA	5.83
25	25	P40SS9G	1 PVC S40 ST 90 ELL	0.756	EA	18.90
25	25	P40S9G	1 PVC S40 SXS 90 ELL	0.419	EA	10.48
25	25	P40SF9G	1 PVC S40 SXF 90 ELL	0.344	EA	8.60
10	10	P40SCH	1-1/4 PVC S40 SXS COUP	0.300	EA	3.00
10	10	P40SFAH	1-1/4 PVC S40 SXF ADPT	0.356	EA	3.56
10	10	P40S9H	1-1/4 PVC S40 SXS 90 ELL	0.489	EA	4.89
15	15	P40SBHG	1-1/4X1 PVC S40 SPXSLIP BUSH	0.356	EA	5.34
10	10	P40SCJ	1-1/2 PVC S40 SXS COUP	0.311	EA	3.11
10	10	P40SFAJ	1-1/2 PVC S40 SXF ADPT	0.400	EA	4.00
10	10	P40S9J	1-1/2 PVC S40 SXS 90 ELL	0.500	EA	5.00
10	10	P40SF9J	1-1/2 PVC S40 SXF 90 ELL	0.678	EA	6.78
10	10	P40SBJG	1-1/2X1 PVC S40 SPXSLIP BUSH	0.356	EA	3.56
17	17	M7475322G	LF 1 CTS COMP X MIP COUP	14.140	EA	240.38

INVOICE SUB-TOTAL 2271.02

TAX Fresno 186.80

LEAD LAW NOTICE: BRASS/BRONZE PRODUCTS WITHOUT "LF" IN THE DESCRIPTION FIELD MAY CONTAIN LEAD AND THUS NOT COMPLY WITH LOW LEAD LAWS. THESE PRODUCTS MUST NOT BE USED IN POTABLE WATER APPLICATIONS.

TERMS: NET 10TH PROX ORIGINAL INVOICE
All accounts are due and payable per the invoiced terms. All past due amounts are subject to a service charge at the maximum rate allowed by state law plus costs of collection including attorney fees if incurred. Freight terms are FOB our dock unless otherwise specified above.

TOTAL DUE 2457.82
WARRANTY PROVISIONS: SEE REVERSE SIDE A

R & B COMPANY
ACCOUNTING DEPT
910 BERN CT #150
SAN JOSE CA 95112
408-436-1699 Fax 408-436-8545

Invoice

INVOICE DATE	INVOICE NUMBER
01/03/13	S1332573.001
SALES BRANCH:	PAGE NO.
R & B COMPANY - FRESNO 5364 B. VILLA AVENUE FRESNO CA 93726 569-834-1040	2

BILL TO:
 BAKMAN WATER COMPANY
 P.O. BOX 7965
 FRESNO, CA 93747

SHIP TO:
 BAKMAN WATER COMPANY
 5105 E. BELMONT AVENUE
 FRESNO, CA 93727

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON	
9429	Verbal Steve P		Dan Acosta	
WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE
Dan Acosta	OT OUR TRUCK	Net 30 Days	01/03/13	01/02/13
DESCRIPTION	ORDER QTY	SHIP QTY	Net PRC	Ext PRC
4 FIPxMIP BRZ QUICK CHECK VALVE	1	1	104.635	104.64
6 FEBCO 800 SINGLE DETECTOR CHECK L/BP	1	1	575.294	575.29
6 DR18 CL150/235 C900 PVC PIPE IB	20	20	4.866	97.32
12 DR18 CL150/235 C900 PVC PIPE IB	180	180	17.247	3104.46
G05T CONC TRAFFIC VALVE BOX	2	2	27.593	55.19
G05CT CI LID MK: WATER	2	2	19.175	38.35
8 SDR35x14' PVC SEWER PIPE;GASKETED	14	14	3.927	54.98
FL30TBOX12 FIBRELYTE BOX 12 HIGH	2	2	59.904	119.81
FL30D FIBRELYTE LID MK: WATER	2	2	57.073	114.15
2 CI METER FLANGE BF3C	2	2	9.867	19.73
2x1/8 DROP IN METER GASKET EPDM/NSF61; GARLOCK 98206	2	2	4.286	8.57
3 PLATED HEX BOLT & NUT KIT	1	1	2.286	2.29
6 X 1'0" FLG X FLG DI SPOOL	1	1	121.951	121.95
N36 CONCRETE UTILITY BOX 17-1/4x30	1	1	38.889	38.89
N36X12 12" CONCRETE EXTENSION	2	2	37.233	74.47
N36R CONCRETE LID MK: WATER	1	1	38.232	38.23
4 x 72 GALV NIPPLE	1	1	159.789	159.79
			Subtotal	10727.76
			S&H CHGS	0.00
			Sales Tax	882.36
			Amount Due	11610.12

Invoice is due by 02/02/13.

1 claims for shortage or errors must be made at once. Returns require written authorization and are subject to handling charges. Special orders are non-returnable. Past due invoices may be subject to 1.50% late charge.

** Reprint ** Reprint ** Reprint **

Heather Bashian

From: Lon Martin
Sent: Tuesday, March 26, 2013 11:46 AM
To: Heather Bashian; Keith Mortensen
Subject: FW: Filter Systems

FYI

From: dale [<mailto:dalek@activatedcarbon.com>]
Sent: Tuesday, March 26, 2013 11:39 AM
To: Lon Martin
Subject: RE: Filter Systems

Lon,

You should be fine using \$ 115,000 as long as the project is not too far in the future as the current price would be around \$ 108,000.00.

Thank you,
Dale Kerr
Operations/Sales



Carbon Activated Corp.
250 E. Manville Street
Compton, CA 90220
Cell: (310) 418-2430
Office: (310) 885-4555
Fax: (310) 885-4558

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FM-7.2.3-01 Rev.A

From: Lon Martin [<mailto:lmartin@ppeng.com>]
Sent: Tuesday, March 26, 2013 10:40 AM
To: dale
Subject: RE: Filter Systems

Dale, thank you for your help with the GAC vessels.

I am working on a grant application and we need a quote for a 10,000lb (single vessel). This quote is for funding purposed only and is not considered a bid, it helps provide credibility if we have some back-up information. We had estimated approximately \$115,000, is this amount appropriate. We are in a time crunch if you can respond today via email, it would be great.

Thanks

Lon Martin, P.E.
Provost & Pritchard Consulting Group
286 W. Cromwell Avenue
Fresno, CA 93711-6162
Phone: (559) 449-2700
Cell: (559) 994-1507
Fax: (559) 449-2715
e-mail: lmartin@ppeng.com
website: <http://www.ppeng.com/>

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From: dale [<mailto:dalek@activatedcarbon.com>]
Sent: Friday, March 08, 2013 2:32 PM
To: Lon Martin
Subject: Filter Systems

Lon,

Thank you for talking to me today attached are two drawing of filter systems. If you have any questions about systems I will be happy to help you.

Thank you,
Dale Kerr
Operations/Sales



Carbon Activated Corp.
250 E. Manville Street
Compton, CA 90220
Cell: (310) 418-2430
Office: (310) 885-4555
Fax: (310) 885-4558

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FM-7.2.3-01 Rev.A



WEST SIDE PUMP COMPANY

P.O. BOX 588 SAN JOAQUIN, CA 93660
 OFFICE (559) 693-4315 FAX (559) 693-2129

Prepared by Rex Keith

*Well # 7
 Main + Cabof*

COMPANY:

City of San Joaquin

CONTACT NAME:

Stan Bulla @ 364-6017

ADDRESS:

DATE: 2/14/13

FAX #: 693-2193

QTY	unit	EQUIPMENT DESCRIPTION	UNIT PRICE	EXT PRICE
		Install Existing Pump Well #4		
20	ea.	1-1/2" x 10' SS Shafts with CS Couplings	\$ 279.00	\$ 5,580.00
2	ea.	1-1/2" x 5' SS Shafts with CS Couplings	\$ 160.00	\$ 320.00
21	ea.	10" x 1-1/2" Brass Retainers with Rubber Bearings	\$ 179.00	\$ 3,759.00
1	ea.	Misc. Parts, Nuts, gasket, head shaft	\$ 170.00	\$ 170.00
2	ea.	10" column couplings	\$ 93.00	\$ 186.00
1	ea.	Lakos PPS 4" Rubber Flapper Valve	\$ 135.00	\$ 135.00
1	ea.	Aluminum Pipe for flushing system	\$	\$ 775.00
		Subtotal of Parts		\$ 10,925.00
		Estimated sales tax @ 8.225%		\$ 898.58
1	ea.	Labor and Equipment to pickup clean and deliver column from and to Jobsite		\$ 4,535.00
1	ea.	Labor to Install pump & Motor		\$ 6,898.00
				TOTAL \$
				\$ 23,256.58

COMMENTS:

Does not include sales tax



NATIONAL
METER AND AUTOMATION, INC.

2250 Apollo Way, Suite 300
PO Box 8339
Santa Rosa, CA 95407
707 575-0700
707-575-3786 FAX

QUOTATION

DATE: 12/6/2012

TERMS: Net 30 Days
SHIP VIA: Best Way
PO#

QUOTED BY: Kathy Richards

Bill To:
City of Kerman 850 S. Madera Ave. Kerman, CA 93630

Ship To:
City of Kerman 15201 W. California Kerman, CA 93639

Description	Qty	Unit Price	Amount
NEW Meters - No Lead, include ORION Integral Transmitter			
3/4"x9" Model 35 Bronze meter w/bronze bottom	43	\$ 221.50	\$ 9,524.50
1" Model 55 Bronze meter w/bronze bottom	102	\$ 256.50	\$ 26,163.00
1-1/2" Model 120 Bronze meter w/test plug	29	\$ 446.00	\$ 12,934.00
2" Model 170 Bronze meter w/test plug	54	\$ 597.25	\$ 32,251.50
2" Compound Series Meter	2	\$ 1,707.50	\$ 3,415.00
2" T200 Turbo Series Meter w/test plug	1	\$ 782.00	\$ 782.00
3" Compound Series Meter	3	\$ 1,994.75	\$ 5,984.25
4" T1000 Turbo Series Meter w/test plug	9	\$ 1,283.00	\$ 11,547.00
4" Compound Series Meter	9	\$ 3,027.00	\$ 27,243.00
6" Compound Series Meter	3	\$ 4,258.75	\$ 12,776.25
RETROFIT Existing Meter w/Encoder & ORION Transmitter			
2" AMCO C700 encoder & universal ORION transmitter	3	\$ 214.00	\$ 642.00
4" AMCO Turbo encoder & Universal ORION Transmitter	2	\$ 234.00	\$ 468.00

Subtotal	\$ 143,730.50
Tax	11,462.51
Freight	-
Total	\$ 155,193.01

Avail: Prox 3 weeks ARO (max)

Fresno County 7.975%

F.O.B.: full freight allowed

Remit to:
National Meter & Automation, Inc.
PO Box 5429
Greenwood Village, CO 80155-5429

Customer Phone: 559-846-9382
Customer Fax: 559-846-6199

Prices Subject to review after: June 30, 2013

THANK YOU FOR YOUR BUSINESS!



Badger Meter

Recordall[®] Cold Water Bronze Disc Meter

Size 3/4" (DN 20mm)

NSF/ANSI Standard 61 Certified, Annex G

DESCRIPTION

Badger Meter offers the Recordall[®] Disc meter in Cast Bronze and a Lead-Free Alloy. The Lead-Free Alloy (Trade designation: M35-LL) version has been certified to comply with NSF/ANSI Standard 61, Annex G and carries the NSF-61 Mark on the housing. All components of the Lead-Free Alloy meter, i.e., disc, chamber, housing, seals, etc. comprise the certified system.

APPLICATIONS: For use in measurement of potable cold water in residential, commercial and industrial services where flow is in one direction only.

OPERATION: Water flows through the meter's strainer and into the measuring chamber where it causes the disc to rotate. The disc, which moves freely, rotates on its own ball, guided by a thrust roller. A drive magnet transmits the motion of the disc to a follower magnet located within the permanently sealed register. The follower magnet is connected to the register gear train. The gear train reduces the disc rotations into volume totalization units displayed on the register dial face.

OPERATING PERFORMANCE: The Badger Meter Recordall Disc meters meet or exceed registration accuracy for the low flow rates (95%), normal operating flow rates ($100 \pm 1.5\%$), and maximum continuous operation flow rates as specifically stated by AWWA Standard C700.

CONSTRUCTION: Badger Meter Recordall Disc meter construction, which complies with ANSI/AWWA standard C700, consists of three basic components: meter housing, measuring chamber, and permanently sealed register. The water meter is available in bronze and Lead-Free Alloy with externally-threaded spuds. A corrosion-resistant engineered polymer material is used for the measuring chamber.

To simplify maintenance, the register, measuring chamber, and strainer can be replaced without removing the meter housing from the installation. No change gears are required for accuracy calibration. Interchangeability of parts among like-sized meters also minimizes spare parts inventory investment. The built-in strainer has an effective straining area of twice the inlet size.

MAGNETIC DRIVE: Direct magnetic drive, through the use of high-strength magnets, provides positive, reliable and dependable register coupling for straight-reading, remote or automatic meter reading options.

SEALED REGISTER: The standard register consists of a straight-reading odometer-type totalization display, 360° test circle with center sweep hand and flow finder to detect leaks. Register gearing consists of self-lubricating engineered polymer gears to minimize friction and provides long life. Permanently sealed, dirt, moisture, tampering and lens fogging problems are eliminated. Multi-position register simplifies meter installation and reading. Automatic meter reading systems are available for all Recordall Disc meters. All reading options are removable from the meter without disrupting water service.

TAMPER-PROOF FEATURES: Customer removal of the register to obtain free water can be prevented when the optional tamper detection seal wire screw or TORX[®] tamper resistant seal screw is added to the meter. Both can be installed at the meter site or at the factory.

MAINTENANCE: Badger Meter Recordall Disc meters are designed and manufactured to provide long-term service with minimal maintenance. When maintenance is required, it can be performed easily either at the meter installation or at any other convenient location. As an alternative to repair by the utility, Badger Meter offers various maintenance and meter component exchange programs to fit the needs of the utility.

CONNECTIONS: Tailpieces/Unions for installations of meters on various pipe types and sizes, including misaligned pipes, are available as an option.



Model 35

SPECIFICATIONS

Typical Operating Range (100% ± 1.5%)	3/4-35 GPM (17 to 7.9 m ³ /hr)
Low Flow (Min. 97%)	3/8 GPM (0.85 m ³ /hr)
Maximum Continuous Operation	25 GPM (5.7 m ³ /hr)
Pressure Loss at Maximum Continuous Operation	5 PSI at 25 GPM (3.7 bar at 5.7 m ³ /hr)
Maximum Operating Temperature	80°F (26°C)
Maximum Operating Pressure	150 PSI (10 bar)
Measuring Element	Nutating disc, positive displacement
Register Type	Straight reading, permanently sealed magnetic drive standard. Remote reading or Automatic Meter Reading units optional.
Register Capacity	10,000,000 Gallons, 1,000,000 Cubic Feet, 100,000 m ³ . 6 odometer wheels.
Meter Connections	Available in bronze and engineered polymer to fit 3/4" spud thread bore diameter sizes. See table below.

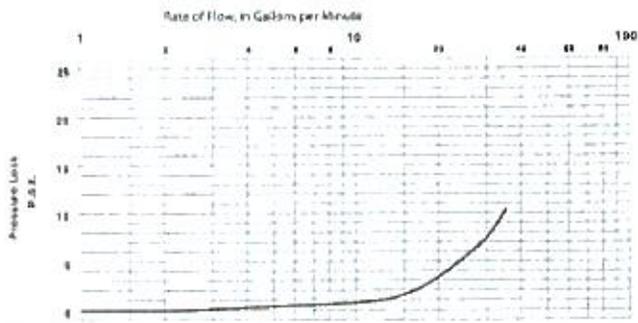
METER SPUD AND CONNECTION SIZES

Size Designation	x	"L" Laying Length	"B" Bore Dia.	Coupling Nut and Spud Thread	Tailpiece Pipe Thread (NPT)
3/4"	x	7 1/2"	3/4"	1" (3/4")	3/4"
3/4"	x	9"	3/4"	1" (3/4")	3/4"
3/4" x 1"	x	9"	3/4"	1 1/4" (1")	1"

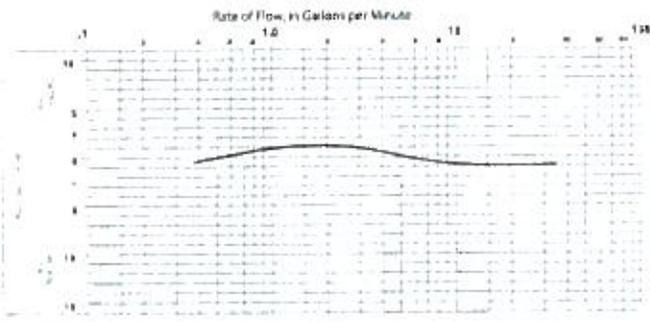
MATERIALS

Meter Housing	Cast Bronze, Lead-Free Alloy
Housing Bottom Plates	Bronze, Cast Iron, Lead-Free Alloy
Measuring Chamber	Engineered Polymer
Disc	Engineered Polymer
Trim	Stainless Steel, Bronze
Strainer	Engineered Polymer
Disc Spindle	Stainless Steel
Magnet	Ceramic
Magnet Spindle	Stainless Steel
Register Lid and Shroud	Engineered Polymer, Bronze
Generator Housing	Engineered Polymer

PRESSURE LOSS CHART



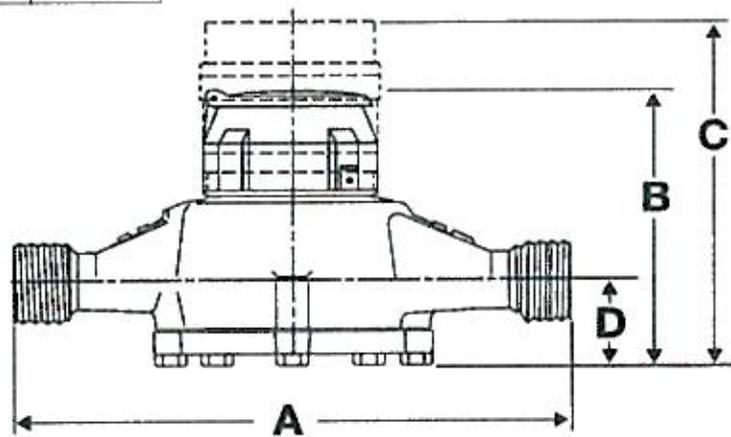
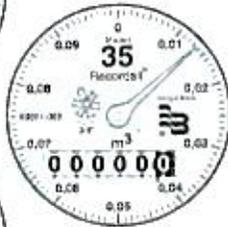
ACCURACY CHART



METER SIZE	METER MODEL	A LAYING LENGTH	B HEIGHT REG. / RTR	C HEIGHT GEN.	D CENTERLINE BASE	WIDTH	APPROX. SHIPPING WEIGHT
1/4" (20mm)	35	7 1/2" (190mm)	5 1/4" (133mm)	6 1/4" (168mm)	1 1/8" (41mm)	5" (127mm)	5 1/2 lb. (2.5kg)
1/4" (20mm)	35	9" (229mm)	5 1/4" (133mm)	6 1/4" (168mm)	1 1/8" (41mm)	5" (127mm)	5 1/2 lb. (2.6kg)
1/4" x 1" (20mm)	35	9" (229mm)	5 1/4" (133mm)	6 1/4" (168mm)	1 1/8" (41mm)	5" (127mm)	6 lb. (2.7kg)

Sweep Hand Registration

MODEL	GALLON	CU. FT.	CU. METER
M35	10	1	.1



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 www.badgermeter.com



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Badger Meter | P.O. Box 245036, Milwaukee, Wisconsin 53224-9536
800-876-3837 | infocentral@badgermeter.com | www.badgermeter.com



DESCRIPTION

Applications: The ORION Smart Endpoint (SE) is a full functioning two-way water endpoint for use in either mobile or fixed network mode of operation. Once installed, ORION SE endpoints operate in mobile mode and will automatically transition to fixed network mode of operation, once ORION gateways and ReadCenter Software are deployed. ORION SE endpoints may also transition back to mobile mode at any time via two way command or will automatically transition back to a backup mobile mode of operation if the network is disrupted for a period of time.

ORION ME: The ORION Migratable Endpoint (ME) is a full functioning two-way water endpoint for mobile applications with the capability of migrating to fixed network mode to support future utility growth. In addition to providing the current and snapped midnight reading, the ORION ME endpoint's two way functionality allows users to capture data profile information wirelessly, without having to access the endpoint during the normal reading process.

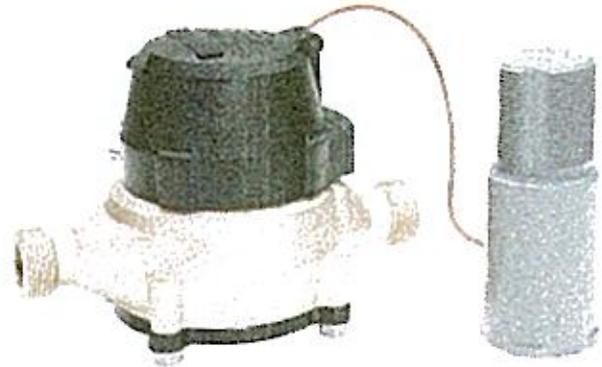
ORION CE: The ORION Classic Endpoint (CE) is a one-way endpoint designed for mobile meter reading. ORION CE endpoints support data profile and may be transitioned to fixed network application through approved electric connectivity partner solutions, or with strategic deployment of ORION gateway 4.0 and 2.0 receivers.

Construction: All ORION endpoints are housed in an engineered polymer enclosure with an ORION RF board, battery and antenna. To assure long-term performance, the enclosure is fully potted to withstand harsh environments and to protect the electronics in flooded or submerged pit applications.

Meter Compatibility: When attached to the Badger Meter Recordall® Transmitter Register (RTR®) or Badger Meter Absolute Digital Encoder (ADE®), the ORION endpoint is compatible with all current Badger Meter Recordall Disc, Turbo, Compound, and Fire Series meters and assemblies, E-Series™ ultra-sonic and M-Series® mag meters

Encoder Compatibility: The ORION endpoint is suitable for use with all RTR registers, ADE encoders and the following Badger Meter approved three-wire encoders: Hersey®, Elster-AMCO®, Neptune®, Sensus®, Master Meter® and Metron-Farnier.

Data Profiling: The ORION endpoint (optional for CE) stores hourly data profile metering information within its nonvolatile memory.



FUNCTIONALITY

Operation: The ORION endpoint continuously monitors the encoder circuit. At predetermined intervals, the endpoint broadcasts the totalized reading value along with other metering data to the network gateway transceivers (SE/ME), gateway receivers (CE) or mobile collection devices (SE/ME/CE).

Activation: The ORION endpoints are shipped in an inactive, non-transmitting state. The endpoint offers a Smart Activation feature. After the endpoint is installed, it begins broadcasting data when the encoder senses the first usage of water. No field programming or special tools are required to activate the endpoint.

Broadcast Mode (SE/ME): ORION SE and ME endpoints can be ordered to broadcast in a fixed network or mobile reading mode to meet the deployment needs of the utility. After installation, using the endpoint's two-way communication and "smart mode" intelligence, endpoints designated for use in fixed network deployment automatically detect network gateway transceivers in the area, which signal the endpoints to broadcast in fixed network mode.

Broadcast Mode (CE): The ORION CE endpoint broadcasts in a mobile mode only.

Output Message: When in mobile mode, SE and ME endpoints broadcast the current, as well as, daily clocked meter reading every six seconds. CE endpoints broadcast the current meter reading every four seconds. The endpoint also sends the following data with each RF message: unique endpoint ID serial number, potential leak indication, reverse flow indication (encoder only), encoder error (encoder only), low battery indicator (SE and ME only) and wire tamper indication. Through the use of a synchronized embedded real-time clock, the ORION SE endpoints store and automatically send top-of-the hour meter reads three times per day in fixed network mode.

Battery: ORION endpoints are powered by Lithium Thionyl Chloride battery technology. The battery assembly is not replaceable and has a calculated life of twenty years, based on normal broadcast intervals at an ambient temperature of 21°C.

Temperature: The operating range of the endpoint and encoder is -40°C to +60°C (-40°F to +140°F) based on storage and meter reading, not including RF performance. The water meter should not be subjected to temperatures below freezing.

Range: Transmission reception depends on a number of factors, including the location of the network gateway transceiver or receiver. Other factors include topographical features, a building's construction materials and obstacles such as buildings, trees, vegetation and fences. Temporary conditions, such as a vehicle parked near the endpoint or heavy rain or snow, could also affect reception. These factors need to be considered when installing or designing a fixed network system layout and communicating with the endpoint using a handheld or mobile reading system. For a more in-depth discussion, please see Badger Meter RF Propagation Whitepaper MRT-WP-1.

EXCEPTION INDICATORS

Tamper Indication: The ORION endpoint sends a tamper indication flag to the fixed network or mobile reading device when a tamper condition (cut wire) is sensed. A tamper condition is defined as either a short or open circuit in the endpoint's three-wire system.

Leak Detection: The endpoint reports detection of a possible leak when a one-hour (RTR*) or two-hour (ADE* or three-wire encoder) window of no usage is not found within a 24-hour time period. The system automatically resets as soon as an appropriate window of no usage is found.

Reverse Flow / Back Flow Alert: ORION endpoints can detect, store and broadcast a backflow condition when wired to a Badger Meter ADE or approved three-wire absolute encoder.

Encoder Error: The ORION endpoint sets an encoder error status flag if the endpoint's attempt to read the encoder results in a meter reading that is not valid or contains a non-numeric value. The alarm is cleared when a valid encoder reading is obtained. This alarm is also stored as part of the interval data.

Low Battery Indication: ORION SE and ME endpoints are designed with a low-battery alarm indicator and broadcast a low battery warning when the endpoint is nearing the end of its useful life.

SPECIFICATIONS

	FIXED NETWORK MODE (SE/ME)	MOBILE MODE (SE/ME)	MOBILE MODE (CE)
Dimensions	5.125" (W) 1.75" (W) at top 2.125" (W) at bottom	5.125" (W) 1.75" (W) at top 2.125" (W) at bottom	5.125" (W) 1.75" (W) at top 2.125" (W) at bottom
Transmission Interval	Every eight hours	Every 6 seconds	Every 4 seconds
Interval Data	Time-synchronized to top-of-the-hour interval meter readings (hourly standard)	Time-synchronized to top-of-the-hour interval meter readings (current and midnight reads standard)	Endpoint capable of storing 21,000 hourly data reads
Broadcast Frequency MHz Band	FCC Regulated 902-928 MHz Frequency Hopping Modulation	FCC Regulated 902-928 MHz Frequency Hopping Modulation	FCC Regulated 902-928 MHz Frequency Hopping Modulation
Operating Temperature Range - Storage and Meter Reading	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Humidity	0% to 100% condensing	0% to 100% condensing	0% to 100% condensing
Battery	Lithium Thionyl Chloride C Cell	Lithium Thionyl Chloride C Cell	(2) Lithium Thionyl Chloride AA Cell
Battery Life	20 years (calculated)	20 years (calculated)	20 years (calculated)
Lead Length Prewired	3, 10, 25 & 75 feet	3, 10, 25 & 75 feet	3, 10, 25 & 75 feet
Lead Length Badger Meter 308 Connector	6 & 25 feet	6 & 25 feet	6 & 25 feet

License Requirements: ORION endpoints comply with Part 15 of the FCC Rules. No license is required by the utility to operate an ORION meter reading system.

Transportation: The Federal Aviation Administration prohibits operating transmitters and receivers on all commercial aircraft. The ORION endpoint is considered an operating transmitter and cannot be shipped by air.

Caution: Changes or modifications to the equipment that are not expressly approved by Badger Meter could void the user's authority to operate the equipment.

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Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without a claim, except to the extent an outstanding contractual obligation exists.

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800-876-3837 | infocentral@badgermeter.com | www.badgermeter.com



EQUARIUS Waterworks
 20655 S. Western Avenue
 Suite 108
 Torrance, CA 90501

Quote

Phone # 888.253.1191
 Fax # 310.318.1843
 Website www.equariusww.com

Date	12/16/2011
Quote #	10029
Valid until	06/30/2012

Ship To	21900 Colorado St. San Joaquin, CA 93660
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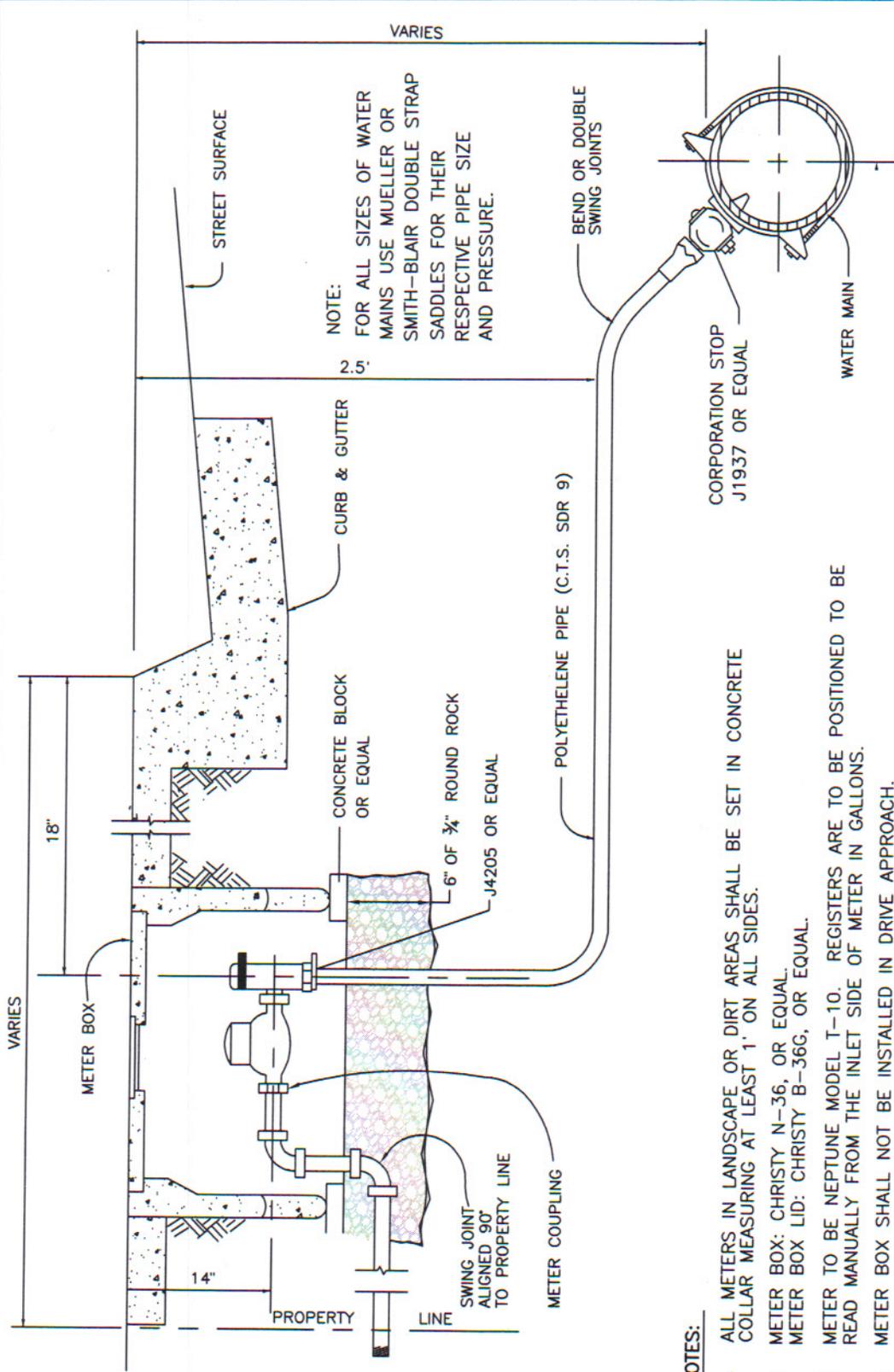
deannac@cityofsanjoaquin.com 559.693.4311

Salesperson	Payment Terms
EBT	Net 30

Qty	Item #	Description	Unit Price	Total
900	ED2F22RHF8SG52 ✓	T-10 1" Meter: E-Coder Pit Pre-Wired and Potted: Brz Btm, CF	273.70	246,330.00T
25	ED2H11RHF2SG52 ✓	T-10 1 1/2" Meter: E-Coder Pit Pre-Wired and Potted: CF	440.30	11,007.50T
20	ED2J11RHF2SG52 ✓	T-10 2" Meter: E-Coder Pit Pre-Wired and Potted: CF	606.20	12,124.00T
3	EC3CRHF8SG53 ✓	Tru/Flo Compound 4" Meter: E-Coder Pit Pre-Wired and Potted, CF	2,909.20	8,727.60T
2	EC3DRHF8SG53 ✓	Tru/Flo Compound 6" Meter: E-Coder Pit Pre-Wired and Potted, CF	4,886.00	9,772.00T
0	ET4CRHF8SG53	HP Turbine 4" Meter: E-Coder Pit Pre-Wired and Potted, CF	1,386.00	0.00T
0	ET4DRHF8SG53	HP Turbine 6" Meter: E-Coder Pit Pre-Wired and Potted, CF	2,576.00	0.00T
3	53107-100	Strainer 4"	826.00	2,478.00T
2	52000-201	Strainer 6"	1,540.00	3,080.00T
950	12855-400 ✓	R450 Pit MIU 6' Pre-Wired and Potted	135.00	128,250.00T
1	12799-000	R450 Data Collector with GPRS	17,500.00	17,500.00T
1	12896-001	R450 Data Collector Antenna	1,470.00	1,470.00T
1	12960-000	R450 FixedBase Server Tower	9,100.00	9,100.00T
1	12947-100	ARB N_Sight Fixed Software	14,280.00	14,280.00T
1	12953-001	ARB N_Sight Fixed Implementation	9,240.00	9,240.00
		Must confirm that registration should be in Cubic Feet (as quoted) and not in Gallons		
		Applicable Sales Tax	7.75%	35,969.23

Includes sales tax.
 Does not include freight.

Total	\$509,328.33
--------------	--------------



NOTE:
 FOR ALL SIZES OF WATER
 MAINS USE MUELLER OR
 SMITH-BLAIR DOUBLE STRAP
 SADDLES FOR THEIR
 RESPECTIVE PIPE SIZE
 AND PRESSURE.

NOTES:

1. ALL METERS IN LANDSCAPE OR DIRT AREAS SHALL BE SET IN CONCRETE COLLAR MEASURING AT LEAST 1' ON ALL SIDES.
2. METER BOX: CHRISTY N-36, OR EQUAL.
METER BOX LID: CHRISTY B-36G, OR EQUAL.
3. METER TO BE NEPTUNE MODEL T-10. REGISTERS ARE TO BE POSITIONED TO BE READ MANUALLY FROM THE INLET SIDE OF METER IN GALLONS.
4. METER BOX SHALL NOT BE INSTALLED IN DRIVE APPROACH.
5. STAMP OR CHISEL "W" ON CURB FACE AT METER LOCATION.
6. SPECIFIED PARTS ARE JAMES JONES CO. CONTRACTOR TO INSTALL SPECIFIED OR EQUAL PARTS.
7. ALL COMPRESSION JOINT FITTINGS TO USE STAINLESS STEEL INSERTS.
8. WATER SERVICE, METER BOX AND METER INSTALLATION SHALL BE INSPECTED AND APPROVED PRIOR TO SIDEWALK CONSTRUCTION.

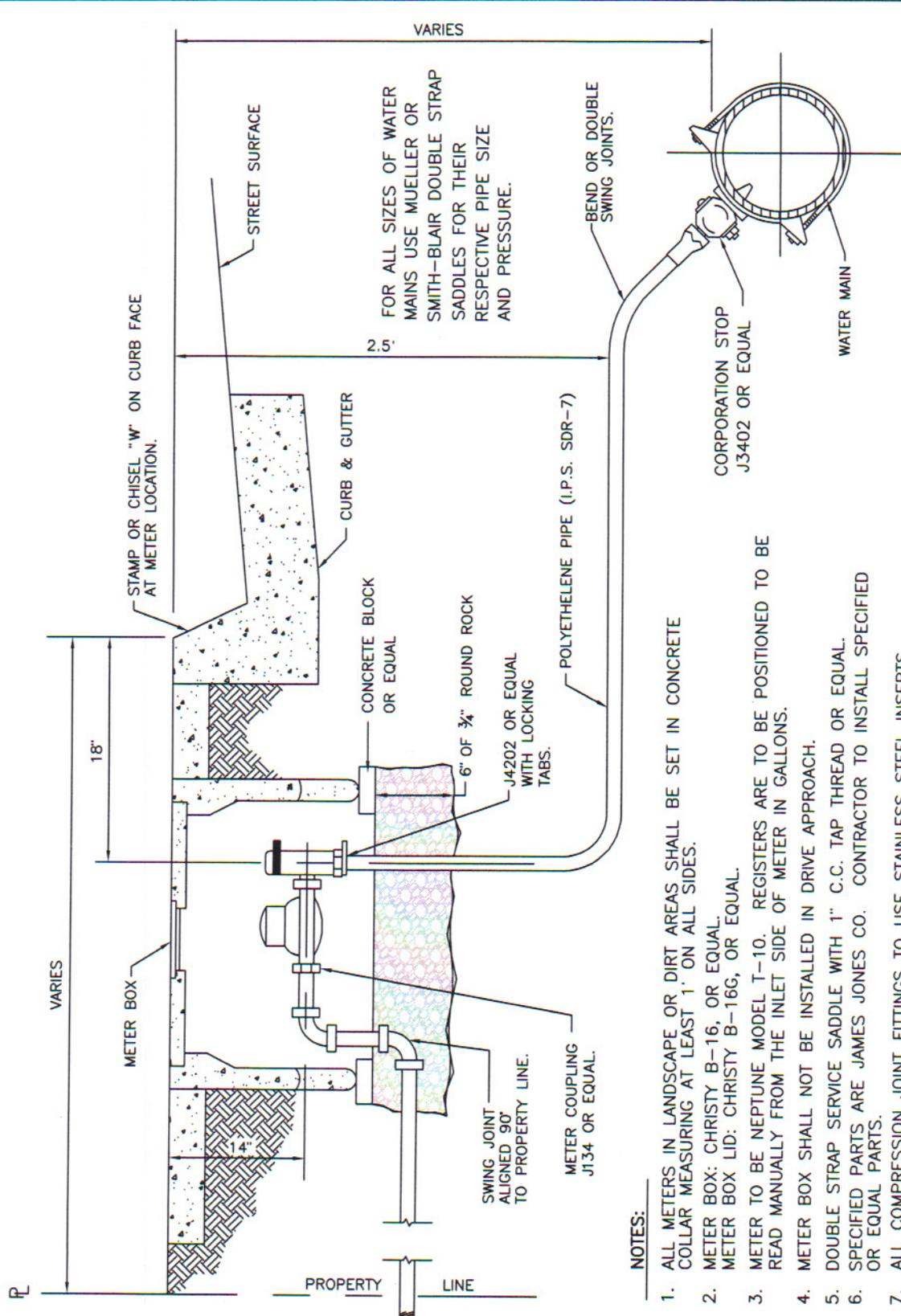
1 1/2" & 2" WATER SERVICE

REVISIONS
 MAY 2008
 05-26-10
 07-20-10

CITY OF
 SAN JOAQUIN

NOV. 1995

STD.
 NO.
 W-3



NOTES:

1. ALL METERS IN LANDSCAPE OR DIRT AREAS SHALL BE SET IN CONCRETE COLLAR MEASURING AT LEAST 1' ON ALL SIDES.
2. METER BOX: CHRISTY B-16, OR EQUAL.
METER BOX LID: CHRISTY B-16G, OR EQUAL.
3. METER TO BE NEPTUNE MODEL T-10. REGISTERS ARE TO BE POSITIONED TO BE READ MANUALLY FROM THE INLET SIDE OF METER IN GALLONS.
4. METER BOX SHALL NOT BE INSTALLED IN DRIVE APPROACH.
5. DOUBLE STRAP SERVICE SADDLE WITH 1" C.C. TAP THREAD OR EQUAL.
6. SPECIFIED PARTS ARE JAMES JONES CO. CONTRACTOR TO INSTALL SPECIFIED OR EQUAL PARTS.
7. ALL COMPRESSION JOINT FITTINGS TO USE STAINLESS STEEL INSERTS.
8. WATER SERVICE, METER BOX AND METER INSTALLATION SHALL BE INSPECTED AND APPROVED PRIOR TO SIDEWALK CONSTRUCTION.

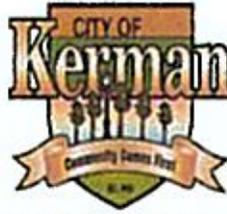
1" WATER SERVICE

REVISIONS
05-26-10
07-20-10

CITY OF
SAN JOAQUIN
NOV. 1995

STD.
NO.
W-2

CAPITAL IMPROVEMENT PROJECTS (C.I.P.) Budgets



<u>Fund</u>	<u>Activity</u>	<u>Description</u>	<u>Page #</u>
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17	4007	General Plan Updates (CIP/Impact Fees)	58
<u>PARKS</u>			
10	4024	Parks Acquisition & Construction	59
58, 59	4024	Parks Acquisition & Construction (Impact Fees)	60
78	4024	Parks Construction	61
<u>CDBG</u>			
12	4024	CDBG Construction	62
<u>FACILITIES CONSTRUCTION</u>			
14	4024	Facilities Construction	63
<u>WATER CONSTRUCTION</u>			
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<u>SEWER FACILITIES CONSTRUCTION</u>			
42, 55-57	4024	Sewer Facilities Construction	65
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<u>STREET CONSTRUCTION</u>			
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<u>DEVELOPMENT IMPACT FEE REVENUE SUMMARY</u>			
		Summary of Revenues, Expenditures and Fund Balances	69

FY 2012/2013

CAPITAL IMPROVEMENT PROGRAM

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Comprehensive Schedule of Capital Projects and Equipment		56

<u>DEPT.</u>	<u>DESCRIPTION</u>	<u>FUND#</u>	<u>PAGE#</u>
CIP ADMINISTRATION			
4011	CIP Administration	11	57
4007	General Plan Update	17	58
PARKS			
4024	Parks Acquisition & Construction-Gen Fund	10	59
4024	Parks Acquisition & Construction-Impact Fees	58, 59	60
4024	Parks Construction - Grants	78	61
CDBG			
4024	CDBG Construction	12	62
FACILITIES CONSTRUCTION			
4024	Facilities Construction	14	63
WATER CONSTRUCTION			
4024	Water Construction (Non SRF)	41, 52-54	64
SEWER FACILITIES CONSTRUCTION			
4024	Sewer Facilities Construction	42, 55-57	65
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STAFFING

City of Kerman Organizational Chart		70
Non-Safety Payroll Allocation Summary	All Funds	71

City of Kerman Municipal Budget
Water Construction

FY 12/13

Activity: 4024
Fund: 41.0, 52.0, 53.0, 54.0
Department: Public Works

Fund	Object	Project	Description	09/10 Actual	10/11 Actual	11/12 Budget	11/12 Estimated Actual	12/13 Budget	
Activity	Sub Obj								
REIMBURSEMENTS									
52.0	4024	600	03	01					
								Water Front Footage	
53.0	4024	600	03	01				Water Oversize	
					0	16,465	0	0	
								0	
								16,465	
CONSTRUCTION									
Operations									
41.0	4024	600	03	16				GIS Mapping	
					0	0	12,500	12,500	
41.0	4024	600	03	19				Radio System	
					0	0	5,400	5,400	
41.0	4024	600	04	00				Water Portion of Facilities & Equip	
					14,263	0	15,256	15,256	
41.0	4024	600	04	23				Generator at Well 15 Major Repair	
					0	0	0	6,754	
41.0	4024	600	04	37				Water Meter System Completion	
					39,336	0	600,000	0	
								600,000	
41.0	4024	600	04	39				Valve & Hydrant Replacement	
					415	4,240	0	0	
41.0	4024	600	04	46				Tower Hookup to SCADA	
					0	0	0	0	
41.0	4024	600	04	47				Trimble GPS System	
					0	0	0	0	
41.0	4024	600	04	48				Urban Water Management Plan	
					0	0	0	0	
								6,000	
					Subtotal	54,034	4,240	633,156	39,910
								606,000	
Water Oversize									
53.0	4024	599	00	00				Impact Fee Reimbursements	
					41,255	0	0	0	
								0	
					Subtotal	41,255			
Water Major Facilities									
54.0	4024	600	03	35				Well 18 - Test Well	
					0	0	138,000	118,799	
54.0	4024	600	03	36				Well 18 - Drilling, Pump & Motor	
					0	0	700,000	0	
54.0	4024	600	03	01				Pickup for Water Conservation Special	
					0	0	19,000	17,269	
54.0	4024	600	04	01				Secondary Water System Agreement	
					0	0	5,000	0	
								5,000	
					Subtotal	0	0	862,000	136,068
								705,000	
					Total Expenditures	95,289	20,705	1,495,156	175,978
								1,311,000	
								Budget to Budget Increase/(Decrease)	
								(184,156)	
								-12.3%	
								Amended to Budget Increase/(Decrease)	
								1,135,022	
								645.0%	

Notes:

- 41.0 4024 600 04 37 Water Meter System Completion - Project will not likely happen in FY 12/13, unless grant funding becomes available.
- 54.0 4024 600 03 35 Well 18 Test Well
- 54.0 4024 600 03 36 Well 18 Drilling, Pump & Motor for new well
- 54.0 4024 600 04 01 Secondary Water System Agreement - delayed until FY 12/13



Fall Clean-up

Mid Valley Disposal

October 5th - October 14th
(Closed Sunday, October 11th)

Fall Clean-Up is scheduled to begin **Monday, October 5th** and end **Wednesday, October 14th**. Bins will be available at Mid Valley Disposal from **7:00 am to 3:00 pm** on weekdays, 7:00 am to 2:00 pm on Saturday. They will not be open on Sunday October 11th. Mid Valley Disposal is located at **15300 W. Jensen Avenue** in Kerman.

Fall Clean-Up is an event for residents of Kerman and not intended for residents outside City limits. In order to dump, residents must present a photo ID and water/utility bill.

If you have home furniture, household items, and appliances to discard, now is the time. Mid Valley Disposal also accepts TV's, Computer Monitors, Cell Phones with /Batteries, Refrigerators and Freezers.

Items should be separated by Greenwaste, Trash, Metals or E-waste

Senior Citizens and Handicapped Individuals who are not able to take their items to Mid Valley Disposal can have them picked up on Wednesday, October 9th. **Call Nancy Moore at the Senior Center - (559) 846-9329 before October 2nd to make an appointment.** If you miss the deadline you will need to make other arrangements to discard your items.

TIRE RECYCLING PROGRAM

Oct. 5th - 14th—7:00am to 3:00pm
(Except Sunday, Oct. 11th)

City Yard @ 15201 W California Ave. In conjunction with the Fall Cleanup this year, we will accept up to six (6) **used tires** per household. These can be taken to the **City Corporate Yard at 15201 W California Ave.** If you have more than six (6) tires contact Code Enforcement Officer Domingo Zapata at 842-2302 for further details.

AB 2572 Compliance—Water Meters

The City of Kerman is prepared to meet the requirement of State Assembly Bill 2572 to read water meters by January 1, 2010. The City selected and Council approved the 3/4 inch Badger meters for residential use and the Orion automated meter-reading system to read the meters. This summer, Kerman installed 1,122 of these meters and obtained the software, equipment and training necessary to utilize Orion's powerful automated meter reading capabilities. The City purchased another 584 meters, to provide enough meters for all homes built in Kerman since 1992. Public Works' staff will attempt to install these meters prior to Dec. 31, 2009.

Beginning on January 1, 2010, all metered water customers will be billed according to their water usage in the same manner that commercial customers are billed. This rate structure allows customers up to 20,000 gallons of water each month at the base rate of \$24.55. Customers using more than 20,000 gallons per month pay about 12.3 cents per 100 gallons in excess of 20,000.

The City is currently seeking a consultant to perform a Water and Sewer Rate Study, to ensure that our rates are reasonable, fair and equitable. Any rate changes recommended by this study would become effective in July, if approved by Council.

AB 2572 allows the City fifteen years to install meters in homes that were built prior to 1992. However, we hope to obtain grant funding to install meters at all connections by the end of fiscal year 2013/2014. The City of Kerman wants to be fair with its utility customers and to encourage responsible use, conservation and maintenance of its groundwater. The plans and processes that we are currently working on address these concerns.

City Office Hours:

8:00 to 5:00

City Hall * Police Dept * Planning & Dev. *
Community Services

7:00 am - 4:00 pm

Public Works * Water & WWTP

PAST DUE PAYMENTS: For customers with past due balances, the deadline for payment is **October 16th**. If payments are not received in the Kerman City Hall by **4:00 pm**, past due customers will be charged a \$15 or \$25 fee and their water will be shut off. Service will not be restored until the past due amount, current balance and all fees have been paid.



Delayed Residential Water Meter Billing

The City of Kerman is currently working with a consulting firm to complete a water and sewer rates study and to establish a fair and equitable rate structure for metered and non-metered residential customers. Although the City of Kerman had planned on converting to metered water billing on January 1, 2010 for residential customers that have water meters installed, that billing conversion will be delayed at least until July 1, 2010. This delay will allow us to leave all residential customers on the current flat rate structure until the next regularly scheduled utility rate change (July), rather than having two rate changes in one year.

A delay of up to one year may be allowed for cities that are moving from non-metered to metered water billing and that can demonstrate a significant (20%) decrease in water consumption. With the leak and water-wasting detection capabilities of our new water meter system, City staff believes that we, as a community, will be able to reduce water consumption by at least 20%. Being on a metered water billing system will also encourage residential water customers to reduce their water consumption in order to save money.

Because the City is just beginning the water and sewer rates study, we have not determined exactly

how the new water and sewer rate structure will be set up or what the new rates will be. However, it will most likely include a basic demand charge (based on the size of the meters) plus a consumption charge for metered usage of water, allowing customers the opportunity to save water through conservation efforts and providing for continued flat rates for certain customers until meters are installed at all residential locations.

As we progress with our water and sewer rates study, it is possible that metered water billing may be delayed even further. However, we hope to have the study completed and the new structure and rates in place in time to become effective on July 1, 2010. In the meanwhile, rates will remain the same and notice will be given of any public meetings at which the water and sewer rate study is presented and/or new rates are discussed. We will also continue to notify metered residential customers if excessive water is being used or leaks are detected. Please continue to use our water wisely! Thank you!

For further information call Lydia at 846-9372.

Welcome 2010

Business Licenses Expired

Business licenses expired Dec 31, 2009.

To avoid late penalties please update your license as soon as possible. If you haven't received an invoice call Josefina Alvarez @ 559-846-9385 or e-mail: JAlvarez@cityofkerman.org.

**City Hall will be closed
Monday, January 18
Martin Luther King, Jr. Day**

PAST DUE PAYMENTS: For customers with past due balances, the deadline for payment is **January 15th**. If payments are not received in the Kerman City Hall by **4:00 pm**, past due customers will be charged a \$15 or \$25 fee and their water will be shut off. Service will not be restored until the past due amount, current balance and all fees have been paid.



Residential Water Leakage

The City of Kerman has been installing a new wireless electronic water meter reading system. The meters used in this new system are capable of detecting water leaks as small as 1 gallon of water an hour. If the meter runs continuously during a 24 hour period, it will be identified as having a potential leak.

Of the 1,678 meters read in December, there were **leaks detected on 324 meters, or 19%** of the residential meters read. Many of these are meters that were recently installed, and this is the first time they have been read.

We are asking you to inspect your water system to see if repairs are needed. You may have a leaking water faucet, either inside or outside; a break or leak in your landscape system, or maybe it is just a toilet that needs to have the float adjusted. What seems like a small leak not only wastes water, but can also be expensive for the consumer.

We will continue to electronically read your water meter each month and print the usage on your City of Kerman invoice. We will also keep you informed if the system identifies your home as having a potential water leak by printing ****Possible leak detected** If you need assistance please contact the Water Department at 559-846-6159* on your invoice.

The City of Kerman would like to thank you in advance for your cooperation in this matter and we ask that you call us if you have any questions about the meter system or if you need help to identify any problems that you may have.

We will continue to track the number of accounts with leaks each month to chart our progress towards a leak free water system.

For more information or assistance, call the Water Department at 846-6159 or Lydia Madruga @ 846-9372.

City Hall will be closed Monday, February 15;  President's Day 

Rise in Property Crimes



This City of Kerman has seen a recent spike in property crimes. Residences, businesses and vehicles are being broken into at an alarming rate.

The Kerman Police Department is working diligently to solve these crimes and to prevent future crimes from occurring.

Please remember to always lock your doors and never leave items of value in plain sight.

The Police Department is asking all citizens to report any suspicious activity or persons. If you suspect criminal activity is taking place, please **do not hesitate to call 911**. All callers can remain anonymous.

Water Conservation Tips for Kids

Did you know that every drop of water that runs down the drain ends up flowing into the sewage system? Sending clean water down the drain fills up the sewer and lets dirty water and waste overflow into the streams and oceans.

What can you do?

Saving water is as easy as turning off a faucet! Here are five simple things you can do at home:

Don't keep the water running while you're brushing your teeth. 

Take shorter showers. Make it a game. Keep an egg timer in the bathroom and see who can get their showers down to three minutes. (And still get clean!)

Help your mom or dad fix the dripping faucet. Did you know that it can waste 20 gallons of water a day? 

Help your dad install a water-saving shower head. In addition to the water it saves, it also saves the fuel that would have been used to heat up the extra hot water. And that reduces pollution.

Stop throwing away so many batteries. The mercury in old batteries will eventually leak out and **poison the water** it runs into. What can you do? Buy rechargeable alkaline batteries. They can be charged 25 times. That means 25 batteries you didn't have to buy and throw away. 

PAST DUE PAYMENTS: For customers with past due balances, the deadline for payment is **February 19th**. If payments are not received in the Kerman City Hall by **4:00 pm**, past due customers will be charged a \$15 or \$25 fee and their water will be shut off. Service will not be restored until the past due amount, current balance¹ and all fees have been paid.



Spring Clean-up Mid Valley Disposal - 15300 W. Jensen Ave. April 5—April 14 (Closed Sunday, April 11th)

Spring Clean-Up is scheduled to begin **Monday, April 5th** and end Wednesday April 14th. **Bins will be available at Mid Valley Disposal from 7:00 am to 3:00 pm on weekdays, 7:00 am to 2:00 pm on Saturday.** Items should be separated by Greenwaste, Trash, Metals or E-waste.

NOTE: The following items will not be allowed: *Paint, Pesticides, Paint Containers, Tires, Ammunition, Auto Batteries, Auto Parts, Oil of any Type, Roofing Materials (Such as Tar, Asphalt or Asbestos), Dirt or Rocks.*

This event is for Kerman residents only. In order to dump, residents must present a photo ID and water/utility bill. If you have home furniture, household items, and appliances to discard, now is the time. Mid Valley Disposal also accepts TV's, Computer Monitors, Cell Phones with /Batteries, Refrigerators and Freezers.

Now is the Time to Clean Up Your Alley!!

Home owners are responsible for trash, weeds, and obstacles in the alleys behind their houses.

Senior Citizens and Handicapped Individuals who are not able to take their items to Mid Valley Disposal can have them picked up on Friday, April 9th **Call Nancy Moore - 846-9329 before April 7th to make an appointment.** If you miss the deadline you will need to make other arrangements to discard your items.

TIRE RECYCLING PROGRAM

**April 5th - 14th (Except Sunday, Apr. 11th)
7:00 am to 4:00 pm - City Yard @ 15201 W California Ave.**



In conjunction with the Spring Cleanup this year, we will accept up to six (6) **used tires** per household. These can be taken to the City Corporate Yard at 15201 W California Ave. Please remember you will be **required to provide a utility bill and photo I.D.** in order to drop off your used tires. If you have more than six (6) tires that need to be recycled please contact Code Enforcement Officer Jay Gamez at 842-2302 for further details.

Residential Water Leakage

We will continue to track the number of accounts with leaks each month to chart our progress towards a leak free water system. Of the 1,678 meters read in December, there were **leaks detected on 324 meters, or 19%** of the residential meters read. Many of these are meters that were recently installed, and this is the first time they have been read.

In January we read 1,687 residential meters with **253 leaks, or 15%.** We are getting better, but there is still quite a ways to go.

For more information or assistance, call the Water Department at 846-9398 or Lydia Madruga @ 846-9372.



Kerman Senior Center's Volunteer Recognition and 11th Annual Prom

March 26, 2010 - 4:00 pm

Kerman Community Teen Center

Theme: "Pirates of the Caribbean"

Dinner prepared by Simply Delicious

Music by "Flashback"

Tickets: \$9.00 for Seniors 55+

\$15.00 for Non-Seniors

For more information contact:

Kerman Senior Center @ 846-8643

PAST DUE PAYMENTS: For customers with past due balances, the deadline for payment is **March 19th.** If payments are not received in the Kerman City Hall by **4:00 pm,** past due customers will be charged a \$15 or \$25 fee and their water will be shut off. Service will not be restored until the past due amount, current balance and all fees have been paid.



Spring Clean-up

Mid Valley Disposal - 15300 W. Jensen Ave.
April 5—April 14 (Closed Sunday, April 11th)

Spring Clean-Up is scheduled to begin **Monday, April 5th** and end Wednesday April 14th. **Bins will be available at Mid Valley Disposal from 7:00 am to 3:00 pm** on weekdays, 7:00 am to 2:00 pm on Saturday. Items should be separated by Greenwaste, Trash, Metals or E-waste.

NOTE: The following items will not be allowed: *Paint, Pesticides, Paint Containers, Tires, Ammunition, Auto Batteries, Auto Parts, Oil of any Type, Roofing Materials (Such as Tar, Asphalt or Asbestos), Dirt or Rocks.*

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DOG CLINIC - Wednesday, April 7, 2010

5:00 PM to 7:00 PM - Kerckhoff Park



- Rabies Shots - \$6.00**
- Distemper/Parvo/Corona - \$19.00**
- Rabies/Distemper/Parvo/Corona - \$24.00**
- Distemper/Parvo/Corona/Lyme - \$37.00**
- Rabies/Distemper/Parvo/Corona/Lyme - \$42.00**

DOG LICENSES

Spayed/Neutered		NOT Spayed/Neutered
• 1 Year	\$ 5.00	\$17.00
• 2 Years	\$ 6.00	\$30.00
• 2 Years	\$10.00	\$40.00

Residential Water Leakage

Month	Read	Leaks	%
Dec. 09	1,678	324	19%
Jan. 10	1,687	253	15%
Feb. 10	1,680	184	11%

Kerman Kickers Swim Team Sign Ups

Deadline April 30, 2010
 April 1st - 30th Monday - Friday
 5:30 pm - 7:00 pm
 Kerman High School, Poolside
 Call 559-842-7303 for details



PAST DUE PAYMENTS: For customers with past due balances, the deadline for payment is **April 16th**. If payments are not received in the Kerman City Hall by **4:00 pm**, past due customers will be charged a \$15 or \$25 fee and their water will be shut off. Service will not be restored until the past due amount, current balance and all fees have been paid.



FALL CLEAN-UP

Mid Valley Disposal – 15300 W. Jensen Ave

Monday, Nov. 1st – Wednesday, Nov. 10th

(Closed Sunday, November 7th)

Bins will be available at the above location from **7am to 3pm** on weekdays and from **7am to 2pm** on Saturday.

Fall Clean-Up is an event for residents of Kerman and not intended for residents outside City limits. In order to dump, residents must present a photo ID and utility bill.

Limit one truck or small trailer load per household and must help to unload items

Items should be separated by Green Waste, Trash, Metals, or E-Waste

Senior Citizens and Handicapped Individuals who are not able to take items to Mid Valley Disposal can have them picked up on Friday, November 5th. Call Nancy Moore at the Senior Center **846-9329** before **November 3rd**, to make an appointment. If you miss the deadline you will need to make other arrangements to discard your items.

City Hall will be closed:

Thursday, Nov. 11 - **Veterans' Day**



November 25th and 26th
Thanksgiving

Holiday Garbage Schedule



There will be **NO** garbage pickup on Thanksgiving Day, **Thursday, Nov. 25th**. The homes that are usually serviced on Thursday will be moved to Friday, Nov. 26th. The regular Friday service will be moved to Saturday, Nov. 27th. Service will return to the normal schedule the following week.

PAST DUE PAYMENTS: For customers with past due balances, the payment deadline is **Nov. 19th**. If payments are not **received** at Kerman City Hall by **5:00pm**, past due customers will be charged a \$15 fee and their water will be shut off. Service will not be restored until the past due amount, current balance and **all** fees are paid.

Contamination of Solid Waste - Missing Garbage Carts

We receive quite a few calls about missing garbage carts and notices of contamination of solid waste.

The best way to avoid both problems is to keep your garbage carts where they belong...in your yard. Carts should be put out for servicing the night before your scheduled pick up, and moved back to your yard after they are emptied. If you follow this process, you shouldn't have problems with missing carts or cross contamination by other users, which could result in fines.

The Kerman Municipal Ordinance states that:

E. Containers should be removed from the curb within thirty-six hours of being serviced and stored in a location that cannot be viewed from the street.

Metered Water Bill Fluctuations

With more than 1,700 residential Kerman water customers currently on metered water billing, many will realize fluctuations in their water bills. During the months of June, July and August, those customers that use a lot of water on their lawns and gardens will have higher water bills. The City of Kerman purposely implemented the metered billing in September to avoid the sticker shock that would have come with those hot months.

As we enter the cooler and rainy seasons, sprinklers should be scaled back or turned off and many customers will enjoy the less expensive water bills that result from decreased water usage. Customers that fail to cut back on their landscape watering will continue to pay higher water bills. So, please remember to reduce your sprinkler times and turn them off when it rains. You will save 45 cents for every thousand gallons of water that you conserve.

In December, the City of Kerman will hire a Water Conservation Specialist to help customers with their water conservation efforts. This public servant will have knowledge of such things as sprinkler system operations, leak detection, plumbing efficiencies and drought-tolerant plants and will be responsible for water conservation education efforts throughout the Kerman community. In the meanwhile, if you have any questions about water conservation, please contact the Water Division Manager, Doug Hearld, at 846-9398 or get water conservation tips from the City's website at www.cityofkerman.net. Please help us to conserve our most precious resource – water.