

LCWD
Lebec County Water District

PACKET

December 13, 2016

FOR PUBLIC VIEW ONLY

(Please do not remove from office)

MINUTES
LEBEC COUNTY WATER DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS
TUESDAY NOVEMBER 22, 2016 @ 7PM

1. CALL THE MEETING TO ORDER/ROLL CALL /MINUTE OF SILENCE/FLAG SALUTE

Meeting begins- 7:03pm

BOARD MEMBERS PRESENT-BILL HOPPER, SAMUEL STERN, WILLARD MARTIN AND BRETT TUCKER

2. MINUTES:

- a. REVIEW THE MINUTES FROM SEPTEMBER 27, 2016 SPECIAL MEETING AND OCTOBER 18, 2016 REGULAR MEETING
- b. MOTION TO APPROVE THE MINUTES FROM SEPTEMBER 27, 2016 SPECIAL MEETING AND OCTOBER 18, 2016 REGULAR MEETING.

V.P. Hopper made a **MOTION** to accept the minutes for September 27, 2016.

Director Tucker SECONDED the Motion.

Yea: 4(BH, WM, SS, BT)

Nay: 0

Abstain:

0

Board concurs and Motion passes.

Director Tucker made a **MOTION** to accept the minutes for October 18, 2016.

V.P. Hopper SECONDED the Motion.

Yea: 4(BH, WM, SS, BT)

Nay: 0

Abstain:

0

Board concurs and Motion passes.

3. FINANCIAL REPORTS:

- a. BARBARA LEWIS TO GO OVER FINANCIAL REPORT FOR OCTOBER 2016
- b. MOTION TO APPROVE FINANCIAL REPORT FOR OCTOBER 2016
- c. 2016 QUARTERLY BUDGET REPORT

V.P Hopper made a **MOTION** to approve the Financial Report October 2016.

Director Tucker SECONDED the Motion.

Yea: 4(BH, WM, SS, BT)

Nay: 0

Abstain:

0

Board concurs and Motion passes

V.P. Hopper gave the board and public a quarterly report on the 2016-2017 budget

4. WATER OPERATIONS REPORT:

- a. SYSTEM REPORT – DISCUSSION AND APPROPRIATE ACTION
- b. MOTION TO APPROVE WATER OPERATORS REPORT FOR OCTOBER 2016

Director Tucker made a **MOTION** to accept the Water Operators report as given.

V.P. Hopper SECONDED the Motion.

Yea: 4(BH, WM, BT, SS)

Nay: 0

Abstain:

0

Board concurs and Motion passes

5. PUBLIC PRESENTATIONS:

PLEASE LIMIT ANY PRESENTATIONS OR ANNOUNCEMENTS TO THREE (3) MINUTES PER PERSON. THIS PORTION OF THE MEETING IS RESERVED FOR PERSONS TO ADDRESS THE BOARD OF DIRECTORS ON ANY MATTER NOT ON THE AGENDA, BUT UNDER THE JURISDICTION OF THE BOARD. BOARD MEMBERS MAY RESPOND BRIEFLY TO STATEMENTS MADE OR QUESTIONS POSED. THEY MAY ASK A QUESTION FOR CLARIFICATION MAKE A REFERRAL TO STAFF FOR FACTUAL INFORMATION OR REQUEST STAFF TO REPORT BACK TO THE BOARD AT A LATER MEETING. ALSO, THE BOARD MAY TAKE ACTION TO DIRECT STAFF TO PLACE A MATTER OF BUSINESS ON A FUTURE AGENDA.

Director Tucker made a **MOTION** to move item 7.a (Charles Oglesby request for will serve) up to 6.a

Director Stern SECONDED the Motion.

Yea: 4(BH, WM, SS, BT)

Nay: 0

Abstain:

0

Board concurs and Motion passes

V.P. Hopper made a **MOTION** to issue Charles Oglesby a Will Serve letter for APN# 255-262-04.

Director Tucker SECONDED the Motion.

Yea: 4(BH, WM, SS, BT)

Nay: 0

Abstain:

0

Board concurs and Motion passes

6. UNFINISHED BUSINESS:

- a. DWSRF GRANT - DISCUSSION AND APPROPRIATE ACTION
- b. WEST SIDE LEBEC TO STATE SYSTEM CONNECTION -DISCUSSION AND APPROPRIATE ACTION (REQUESTED BY PRESIDENT MARTIN)
- c. INCREASE IN SURPLUS WATER RATES- DISCUSSION AND APPROPRIATE ACTION (REQUESTED BY V.P. HOPPER)

Director Tucker made a **MOTION** to table 6.a (DWSRF Grant) until next meeting.

Director Stern SECONDED the Motion.

Yea: 3(BH, WM, SS, BT)

Nay: 0

Abstain:

0

Board does not concur but Motion passes

Director Tucker made a **MOTION** to table item 6.b (West side Lebec to State connection) until next meeting.

V.P. Hopper SECONDED the Motion.

Yea: 4(BH, BT, WM, SS)

Nay: 0

Abstain:

0

Board concurs and Motion passes

V.P. Hopper made a **MOTION** to table item 6.c (increase in surplus water) until next meeting.

Director Stern SECONDED the Motion.

Yea: 2(BH, SS)

Nay: 2(WM, BT)

Abstain:

0

Motion does not pass

7. NEW BUSINESS:

- a. CHARLES OGLESBY REQUEST FOR WILL SERVE-DISCUSSION AND APPROPRIATE ACTION (REQUESTED BY CHARLES OGLESBY)
- b. CHRISTMAS BONUS FOR EMPLOYEES- DISCUSSION AND APPROPRIATE ACTION (REQUESTED BY V.P. HOPPER)

V.P. Hopper made a **MOTION** to approve Christmas bonus for \$500 per employee.

Director Stern SECONDED the Motion.

Yea: 4(BH, WM, BT, SS) Nay: 0 Abstain: 0
Board concurs and Motion passes

8. CLOSED SESSION: - Gov't code 54954.5

- a. ANNOUNCE TO MOVE TO CLOSED SESSION – Gov't code 54957.7 (a
- b. LEGAL REGARDING CASE NO.1:15-CV-01253-JLT
- c. CONVENE TO OPEN SESSION – Gov't code 54957.1

Director Tucker made a **MOTION** to move to closed session.

V.P. Hopper SECONDED the Motion.

Yea: 4(BH, WM, BT, SS) Nay: 0 Abstain: 0
Board concurs and Motion passes

Director Tucker made a **MOTION** to move to open session.

V.P. Hopper SECONDED the Motion.

Yea: 4(BH, WM, BT, SS) Nay: 0 Abstain: 0
Board concurs and Motion passes

9. OPEN SESSION

ANNOUNCE ACTIONS TAKEN – Gov't code 54957.1

President Martin announce there is nothing to report from closed session.

10. BOARD/STAFF PROPOSED AGENDA ITEMS

11. ANNOUNCE DATE/TIME OF THE NEXT MEETING

December 13, 2016 @ 7pm

12. ADJOURNMENT

V.P. Hopper made a **MOTION** to adjourn.

Director Stern SECONDED the Motion.

Yea: 4(BH, WM, CR, SS) Nay: 0 Abstain: 0
Board concurs and Motion passes

MEETING WAS ADJOURNED AT 9:18PM

10:14 AM

12/07/16

LEBEC COUNTY WATER DISTRICT

Reconciliation Summary

1020 · Lebec Co Water Dist. - Checking, Period Ending 11/30/2016

	Nov 30, 16
Beginning Balance	80,405.25
Cleared Transactions	
Checks and Payments - 50 ite...	-50,529.09
Deposits and Credits - 26 items	35,525.22
Total Cleared Transactions	-15,003.87
Cleared Balance	65,401.38
Uncleared Transactions	
Checks and Payments - 23 ite...	-11,270.95
Total Uncleared Transactions	-11,270.95
Register Balance as of 11/30/2016	54,130.43
New Transactions	
Checks and Payments - 7 items	-31,012.15
Total New Transactions	-31,012.15
Ending Balance	23,118.28

10:07 AM

12/07/16

LEBEC COUNTY WATER DISTRICT
Reconciliation Summary
1040 · Grant Checking Account, Period Ending 11/30/2016

	<u>Nov 30, 16</u>
Beginning Balance	25.00
Cleared Balance	25.00
Register Balance as of 11/30/2016	25.00
Ending Balance	25.00

10:14 AM

12/07/16

LEBEC COUNTY WATER DISTRICT

Reconciliation Detail

1020 - Lebec Co Water Dist. - Checking, Period Ending 11/30/2016

Type	Date	Num	Name	Clr	Amount	Balance
Beginning Balance						80,405.25
Cleared Transactions						
Checks and Payments - 50 items						
Bill Pmt -Check	10/10/2016	7592	Provost & Prichar...	X	-2,887.00	-2,887.00
Bill Pmt -Check	10/20/2016	7609	Provost & Prichar...	X	-2,174.80	-5,061.80
Bill Pmt -Check	10/20/2016	7612	Wainright Emilie	X	-800.00	-5,861.80
Bill Pmt -Check	11/03/2016	7632	SCE 2-03-200-81...	X	-1,534.77	-7,396.57
Bill Pmt -Check	11/03/2016	7631	PowerTech Electr...	X	-1,080.00	-8,476.57
Liability Check	11/03/2016	7639	Wells Fargo Bank	X	-760.52	-9,237.09
Bill Pmt -Check	11/03/2016	7626	Lewis & Associates	X	-450.00	-9,687.09
Bill Pmt -Check	11/03/2016	7624	Jessica M. Carroll	X	-439.50	-10,126.59
Bill Pmt -Check	11/03/2016	7630	Pilot Travel Cent...	X	-353.35	-10,479.94
Bill Pmt -Check	11/03/2016	7627	McMor Chlorinati...	X	-315.00	-10,794.94
Bill Pmt -Check	11/03/2016	7622	BC Laboratories	X	-270.00	-11,064.94
Bill Pmt -Check	11/03/2016	7619	3D Imaging Syste...	X	-256.02	-11,320.96
Bill Pmt -Check	11/03/2016	7635	Verizon Wireless	X	-175.25	-11,496.21
Bill Pmt -Check	11/03/2016	7620	At&T Office	X	-169.63	-11,665.84
Bill Pmt -Check	11/03/2016	7633	State Compensat...	X	-161.73	-11,827.57
Bill Pmt -Check	11/03/2016	7634	State Water Res...	X	-161.00	-11,988.57
Bill Pmt -Check	11/03/2016	7629	PC Pal	X	-135.00	-12,123.57
Bill Pmt -Check	11/03/2016	7621	AUS Aramark	X	-81.02	-12,204.59
Bill Pmt -Check	11/03/2016	7628	Mountain Top Gr...	X	-53.63	-12,258.22
Bill Pmt -Check	11/03/2016	7625	Kern County Audi...	X	-17.00	-12,275.22
Bill Pmt -Check	11/03/2016	7623	Gas Company	X	-8.62	-12,283.84
Bill Pmt -Check	11/07/2016	7641	HD Supply Water...	X	-3,936.53	-16,220.37
Paycheck	11/07/2016	7638	Michael D Highto...	X	-2,344.25	-18,564.62
Paycheck	11/07/2016	7637	Jessica Carroll	X	-1,516.49	-20,081.11
Bill Pmt -Check	11/07/2016	7640	Ca Bank-Visa	X	-1,488.47	-21,569.58
Paycheck	11/07/2016	7636	Jeffrey G Bryan	X	-1,319.76	-22,889.34
Bill Pmt -Check	11/07/2016	7644	State Compensat...	X	-631.48	-23,520.82
Bill Pmt -Check	11/07/2016	7645	Wells Fargo Bank	X	-96.75	-23,617.57
Bill Pmt -Check	11/07/2016	7642	Price Disposal	X	-42.33	-23,659.90
Bill Pmt -Check	11/07/2016	7643	SCE 2-36-538-21...	X	-41.40	-23,701.30
Check	11/10/2016		QuickBooks Payr...	X	-396.00	-24,097.30
Bill Pmt -Check	11/18/2016	7657	South Valley Pu...	X	-10,982.70	-35,080.00
Bill Pmt -Check	11/18/2016	7653	PGE5159	X	-1,582.37	-36,662.37
Bill Pmt -Check	11/18/2016	7649	Anthem Blue Cross	X	-1,456.43	-38,118.80
Bill Pmt -Check	11/18/2016	7655	PGE8279	X	-688.59	-38,807.39
Bill Pmt -Check	11/18/2016	7648	AFCO Insurance ...	X	-663.86	-39,471.25
Bill Pmt -Check	11/18/2016	7658	West Coast Truc...	X	-540.00	-40,011.25
Bill Pmt -Check	11/18/2016	7651	Bell's Garage & R...	X	-280.00	-40,291.25
Bill Pmt -Check	11/18/2016	7650	AT&T Uverse	X	-80.00	-40,371.25
Bill Pmt -Check	11/18/2016	7656	Pitney Bowes/Re...	X	-64.34	-40,435.59
Bill Pmt -Check	11/18/2016	7647	Ability Answering ...	X	-33.45	-40,469.04
Bill Pmt -Check	11/18/2016	7652	PGE4923	X	-24.17	-40,493.21
Bill Pmt -Check	11/18/2016	7654	PGE5230	X	-19.05	-40,512.26
Liability Check	11/21/2016	E-pay	EFTPS	X	-3,270.62	-43,782.88
Paycheck	11/21/2016	7661	Michael D Highto...	X	-2,583.01	-46,365.89
Paycheck	11/21/2016	7660	Jessica Carroll	X	-1,554.51	-47,920.40
Paycheck	11/21/2016	7659	Jeffrey G Bryan	X	-1,442.50	-49,362.90
Bill Pmt -Check	11/21/2016	7663	State Compensat...	X	-720.58	-50,083.48
Liability Check	11/21/2016	E-pay	EDD	X	-420.61	-50,504.09
Check	11/30/2016			X	-25.00	-50,529.09
Total Checks and Payments					-50,529.09	-50,529.09

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12/07/16

LEBEC COUNTY WATER DISTRICT

Reconciliation Detail

1020 · Lebec Co Water Dist. - Checking, Period Ending 11/30/2016

Type	Date	Num	Name	Clr	Amount	Balance
Deposits and Credits - 26 items						
Deposit	11/04/2016			X	64.28	64.28
Deposit	11/04/2016			X	370.00	434.28
Deposit	11/04/2016			X	852.50	1,286.78
Deposit	11/09/2016			X	267.45	1,554.23
Deposit	11/09/2016			X	3,815.30	5,369.53
Deposit	11/11/2016			X	5,830.00	11,199.53
Deposit	11/16/2016			X	41.00	11,240.53
Deposit	11/16/2016			X	41.99	11,282.52
Deposit	11/16/2016			X	80.62	11,363.14
Deposit	11/16/2016			X	235.18	11,598.32
Deposit	11/18/2016			X	905.74	12,504.06
Deposit	11/18/2016			X	11,839.16	24,343.22
Check	11/21/2016	7662	Void	X	0.00	24,343.22
Deposit	11/21/2016			X	68.00	24,411.22
Deposit	11/21/2016			X	111.37	24,522.59
Deposit	11/21/2016			X	120.00	24,642.59
Deposit	11/21/2016			X	132.07	24,774.66
Deposit	11/21/2016			X	133.57	24,908.23
Deposit	11/21/2016			X	135.75	25,043.98
Deposit	11/21/2016			X	1,387.60	26,431.58
Deposit	11/23/2016			X	11.25	26,442.83
Deposit	11/23/2016			X	637.56	27,080.39
Deposit	11/30/2016			X	65.00	27,145.39
Deposit	11/30/2016			X	69.51	27,214.90
Deposit	11/30/2016			X	692.11	27,907.01
Deposit	11/30/2016			X	7,618.21	35,525.22
Total Deposits and Credits					35,525.22	35,525.22
Total Cleared Transactions					-15,003.87	-15,003.87
Cleared Balance					-15,003.87	65,401.38
Uncleared Transactions						
Checks and Payments - 23 items						
Bill Pmt -Check	08/10/2016	7503	Stern, Samuel		-100.00	-100.00
Bill Pmt -Check	09/19/2016	7559	Stern, Samuel		-100.00	-200.00
Bill Pmt -Check	09/30/2016	7574	Stern, Samuel		-100.00	-300.00
Bill Pmt -Check	10/20/2016	7611	Stern, Samuel		-100.00	-400.00
Bill Pmt -Check	10/20/2016	7610	Radusch, Carl		-100.00	-500.00
Bill Pmt -Check	11/11/2016	7646	Moses Gameros		-1,018.28	-1,518.28
Bill Pmt -Check	11/30/2016	7671	Mayer Hoffman M...		-3,000.00	-4,518.28
Bill Pmt -Check	11/30/2016	7673	PowerTech Electr...		-2,020.00	-6,538.28
Bill Pmt -Check	11/30/2016	7675	SCE 2-03-200-81...		-895.11	-7,433.39
Bill Pmt -Check	11/30/2016	7680	Wainright Emilie		-800.00	-8,233.39
Bill Pmt -Check	11/30/2016	7669	HD Supply Water...		-676.03	-8,909.42
Bill Pmt -Check	11/30/2016	7676	State Compensat...		-664.25	-9,573.67
Bill Pmt -Check	11/30/2016	7674	RVS Software		-536.00	-10,109.67
Bill Pmt -Check	11/30/2016	7666	BC Laboratories		-300.00	-10,409.67
Bill Pmt -Check	11/30/2016	7672	Mountain Towing ...		-200.00	-10,609.67
Bill Pmt -Check	11/30/2016	7664	3D Imaging Syste...		-132.01	-10,741.68
Bill Pmt -Check	11/30/2016	7679	Verizon Wireless		-109.39	-10,851.07
Bill Pmt -Check	11/30/2016	7677	Stern, Samuel		-100.00	-10,951.07
Bill Pmt -Check	11/30/2016	7670	Martin, Willard		-100.00	-11,051.07
Bill Pmt -Check	11/30/2016	7678	Tucker, Brett		-100.00	-11,151.07
Bill Pmt -Check	11/30/2016	7665	AUS Aramark		-81.02	-11,232.09
Bill Pmt -Check	11/30/2016	7667	Cash		-25.18	-11,257.27
Bill Pmt -Check	11/30/2016	7668	Gas Company		-13.68	-11,270.95
Total Checks and Payments					-11,270.95	-11,270.95
Total Uncleared Transactions					-11,270.95	-11,270.95
Register Balance as of 11/30/2016					-26,274.82	54,130.43

10:14 AM

12/07/16

LEBEC COUNTY WATER DISTRICT

Reconciliation Detail

1020 · Lebec Co Water Dist. - Checking, Period Ending 11/30/2016

Type	Date	Num	Name	Clr	Amount	Balance
New Transactions						
Checks and Payments - 7 items						
Paycheck	12/05/2016	7681	Debbie Bechtel		-10,880.35	-10,880.35
Liability Check	12/05/2016	E-pay	EFTPS		-10,616.40	-21,496.75
Paycheck	12/05/2016	7684	Michael D Hight...		-3,094.43	-24,591.18
Liability Check	12/05/2016	E-pay	EDD		-2,242.73	-26,833.91
Paycheck	12/05/2016	7683	Jessica Carroll		-1,963.30	-28,797.21
Paycheck	12/05/2016	7682	Jeffrey G Bryan		-1,640.87	-30,438.08
Liability Check	12/05/2016	To Pr...	Wells Fargo Bank		-574.07	-31,012.15
Total Checks and Payments					-31,012.15	-31,012.15
Total New Transactions					-31,012.15	-31,012.15
Ending Balance					-57,286.97	23,118.28

10:07 AM

12/07/16

LEBEC COUNTY WATER DISTRICT

Reconciliation Detail

1040 - Grant Checking Account, Period Ending 11/30/2016

Type	Date	Num	Name	Clr	Amount	Balance
Beginning Balance						25.00
Cleared Balance						25.00
Register Balance as of 11/30/2016						25.00
Ending Balance						25.00

11:10 AM

12/07/16

Accrual Basis

LEBEC COUNTY WATER DISTRICT

Profit & Loss YTD Comparison

November 2016

	Nov 16	Jul - Nov 16
Ordinary Income/Expense		
Income		
4000 · Operating Revenue		
4010 · Commercial	20,265.83	97,264.60
4040 · Residential	12,016.27	71,832.44
4060 · Rent Income	692.11	3,422.25
4100 · Kern Co Tax Income	0.00	3,869.46
4120 · Surplus Water	1,100.05	27,058.75
4130 · Will Serve	121.22	683.24
4140 · Late Charges & Customer Charg...	928.33	6,150.25
Total 4000 · Operating Revenue	35,123.81	210,280.99
Total Income	35,123.81	210,280.99
Expense		
6010 · Advertising	0.00	172.50
6020 · Auto Expense		
6022 · Gas	491.18	2,073.84
6028 · Repairs		
6028.1 · GMC	954.00	1,874.01
6028.2 · DODGE	0.00	1,248.71
Total 6028 · Repairs	954.00	3,122.72
6030 · Service		
6030.1 · Dodge Service	200.00	315.19
6030.2 · Gmc Service	0.00	233.43
Total 6030 · Service	200.00	548.62
Total 6020 · Auto Expense	1,645.18	5,745.18
6040 · Bank Service Charge	25.00	167.00
6050 · Compensation of Board	300.00	1,600.00
6065 · Depreciation	5,777.00	28,885.00
6070 · Dues & Subscriptions	1,477.00	1,507.00
6075 · Education	0.00	575.00
6085 · Engineering	0.00	5,061.80
6090 · Equipment Rental	161.09	706.76
6095 · Fees and Permits	0.00	560.00
6110 · Insurance		
6113 · Medical Insurance	1,456.43	8,738.58
6115 · Business Insurance	663.86	4,648.68
6120 · Workers Compensation Insurance	1,316.83	5,320.36
Total 6110 · Insurance	3,437.12	18,707.62
6130 · Maintenance		
6135 · Maintenance Services	2,020.00	14,408.05
6140 · Maintenance Supplies	676.03	8,411.16
Total 6130 · Maintenance	2,696.03	22,819.21
6145 · Meals & Entertainment	0.00	153.00
6155 · Office Expense		
6160 · Computer	0.00	316.94

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LEBEC COUNTY WATER DISTRICT

Profit & Loss YTD Comparison

12/07/16

Accrual Basis

November 2016

	Nov 16	Jul - Nov 16
6170 · Answering Service	33.45	193.60
6175 · Office Repair	132.01	753.24
6185 · Supplies	155.57	813.22
Total 6155 · Office Expense	321.03	2,077.00
6205 · Outside Services	594.00	794.00
6215 · Payroll - Gross Wages	13,977.51	65,137.74
6235 · Payroll Service Fees	0.00	28.00
6245 · Postage	6.18	671.19
6250 · Professional Fees		
6255 · Accounting / Bookkeeping	450.00	2,575.00
6260 · Audit	3,000.00	8,000.00
6270 · Legal	0.00	-775.58
Total 6250 · Professional Fees	3,450.00	9,799.42
6290 · Rent	800.00	4,800.00
6300 · Repairs & Maintenance		
6301 · Repairs	706.17	706.17
6303 · System Maint and Repairs	11,262.70	13,896.85
Total 6300 · Repairs & Maintenance	11,968.87	14,603.02
6310 · Software System	932.00	1,031.99
6315 · Taxes		
6320 · Payroll Taxes	1,048.31	5,208.79
6325 · Property Tax	0.00	99.62
Total 6315 · Taxes	1,048.31	5,308.41
6340 · Telephone	357.75	1,874.63
6342 · Tools	0.00	434.65
6345 · Travel	331.60	1,025.20
6352 · Uniforms	81.02	445.61
6355 · Utilities - Office		
6360 · Electric	0.00	257.73
6365 · Gas	13.68	23.37
6370 · Trash	42.33	211.65
Total 6355 · Utilities - Office	56.01	492.75
6375 · Utilities - Pumps		
6380 · Electric	3,209.29	19,392.04
Total 6375 · Utilities - Pumps	3,209.29	19,392.04
6390 · Water Test	300.00	1,697.50
Total Expense	52,951.99	216,273.22
Net Ordinary Income	-17,828.18	-5,992.23
Other Income/Expense		
Other Income		
9000 · Interest Income	0.00	13.86

11:10 AM

12/07/16

Accrual Basis

LEBEC COUNTY WATER DISTRICT

Profit & Loss YTD Comparison

November 2016

	Nov 16	Jul - Nov 16
9015 · Grant Income	0.00	15,349.19
Total Other Income	0.00	15,363.05
Other Expense		
9016 · Grant Expense	-11.25	15,356.86
Total Other Expense	-11.25	15,356.86
Net Other Income	11.25	6.19
Net Income	-17,816.93	-5,986.04

LEBEC COUNTY WATER DISTRICT

Balance Sheet

12/07/16

Accrual Basis

As of November 30, 2016

	Nov 30, 16
ASSETS	
Current Assets	
Checking/Savings	
1011 - Customer Change Petty Ca	300.00
1020 - Lebec Co Water Dist. - Checki...	54,130.43
1040 - Grant Checking Account	25.00
1080 - Savings	
1081 - Emergency Fund Reserve	120,000.00
1080 - Savings - Other	430,080.56
Total 1080 - Savings	550,080.56
Total Checking/Savings	604,535.99
Accounts Receivable	
1200 - Accounts Receivable	36,290.89
Total Accounts Receivable	36,290.89
Other Current Assets	
1260 - Bad Debt Loss A/R	-231.55
Total Other Current Assets	-231.55
Total Current Assets	640,595.33
Fixed Assets	
1400 - Fixed Assets	
1410 - Land	15,521.00
1430 - Office Equipment	4,352.00
1440 - RVS Software	2,800.00
1450 - 2011 Dodge Truck	36,179.75
1460 - 2012 Chevy Truck	17,544.00
1470 - Soft Start Well	7,975.00
1480 - Used Welder	2,600.00
1490 - 02 Backhoe	28,782.00
1495 - Generator	8,225.00
1500 - Other Equipment	8,250.00
1530 - Inventory	65,713.09
1590 - Lebec Well Motor Pump	10,109.35
1600 - Pumps & Wells	191,245.40
1610 - Tanks	313,180.72
1615 - Tank Ladders	6,972.00
1620 - Transmission & Distribution	636,423.00
1630 - Tools	4,084.73
1690 - Accumulated Depreciation	-790,333.33
Total 1400 - Fixed Assets	569,623.71
Total Fixed Assets	569,623.71
Other Assets	
1800 - Deposits	1,675.00
Total Other Assets	1,675.00

11:11 AM

LEBEC COUNTY WATER DISTRICT

12/07/16

Balance Sheet

Accrual Basis

As of November 30, 2016

	Nov 30, 16
TOTAL ASSETS	1,211,894.04
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2010 · Accounts Payable	4,453.96
Total Accounts Payable	4,453.96
Other Current Liabilities	
2110 · Direct Deposit Liabilities	288.24
2300 · Payroll Liabilities	
2310 · Federal Withholding	-0.11
2320 · FICA	-0.45
2330 · State Withholding	0.41
2350 · SUTA	0.07
2360 · SDI	-0.14
2300 · Payroll Liabilities - Other	573.92
Total 2300 · Payroll Liabilities	573.70
Total Other Current Liabilities	861.94
Total Current Liabilities	5,315.90
Total Liabilities	5,315.90
Equity	
3290 · Fund Balance -Net Assets	797,919.12
3300 · Retained Earnings	414,645.06
Net Income	-5,986.04
Total Equity	1,206,578.14
TOTAL LIABILITIES & EQUITY	1,211,894.04

Lebec County Water District.

Monthly Distribution Report

November, 2016

By: Mike Hightower, Jr., Water Operations Supervisor

Well Reports:

State Well

	November	October	Difference	Uranium	Fluoride	Nitrate
Static Level	133'8"	132'7"	-1'1"	19 pCi/L	1.3 mg/L	23 mg/L
Drawdown	135'11"	134'10"	-1'1"		Date:Nov 2016	
GPM	230 Gpm	230 Gpm	0		Bacteriological:	
Total Gallons	2,100,511	1,513,854	+586,657		Absent	

Lebec Well

	November	October	Difference	Uranium	Fluoride	Nitrate
Static Level	94'6"	94'2"	-4"	13 pCi/L	1.3 mg/L	23 mg/L
Drawdown	108'8"	108'4"	-4"		Date:Nov 2016	
GPM	210 Gpm	210 Gpm	0		Bacteriological:	
Total Gallons	1,475,654	1,408,192	-67,462		Absent	

Chimney Canyon Well

	November	October	Difference	Uranium	Fluoride	Nitrate
Static Level	183'2"	184'	+10	19 pCi/L	2.1 mg/L	26 mg/L
Drawdown	210'10"	211'8"	+10		Date:Nov 2016	
GPM	107 Gpm	107 Gpm	0		Bacteriological:	
Total Gallons	1,118,970	1,457,762	-338,792		Absent	

	November	October	Difference
Water Pumped	4,695,135Gal	4,379,808Gal	+315,327Gal
Water Sold	4,206,916Gal	3,898,075Gal	+308,841Gal
Water Loss	488,219GL	481,733 GL	10% Nov 2016

Cuddy Creek Well - Non-Potable

	November	October	Difference	Fluoride	Nitrate
Static Level	177 Feet	177 Feet	0	mg/L	mg/L
Drawdown	188 Feet	188 Feet	0	Date:Nov2016	
Total Gallons	59,840 Gal	Unknown	Unknown		

System Information:

1. There were no water leaks reported for the month of November 2016.
2. All monthly bacteriological samples returned an absence for coliform bacteria for the month of November 2016.
3. I have included two estimates for the 680 feet of 8" C-900 upgrade. **"See attached estimates"**
4. During the last month's board meeting some concerns in regards to water loss was briefly discussed. Not only is this a concern for a utility trying to save money in production costs, but it is a big concern when it comes down to conservation of a valuable resource. I have put together an average annual yearly water loss for Lebec County Water District, from present going back to 2013. Also I have also included some information on water loss audits that will be implemented starting in October 2017. I hope the board finds this information useful and educational. **"See attached"**

All other systems are functioning as they should, Thank You!

Grizz Plumbing Services

guadster@reagan.com

ESTIMATE

ADDRESS

Lebec County Water District
PO Box 910
Lebec, Ca 93243

ESTIMATE #

DATE 11/30/2016
EXPIRATION DATE 12/30/2016

ACTIVITY	QTY	RATE	AMOUNT
Waterworks Replace 680 feet of 6 inch water line with new 8 inch C900 Class 200. The existing fire hydrant will be reinstalled. R&R asphalt & block wall as necessary. Customer responsible for all permits and engineering.	1	37,750.00	37,750.00

TOTAL	\$37,750.00
-------	--------------------

Accepted By

Accepted Date

SANTANA'S PUMPING ~ PLUMBING
P.O. BOX 1270, LEBEC, CA 93243
(661) 248-6627 (800) 559-4786
FAX (661) 248-5563
License # 873981

DECEMBER 1, 2016

LOCATION: LEBEC ROAD

BID TO REPLACE 680 FEET OF WATER LINE WITH 8" C900 CL 200. SAWCUTT ASPHALT DRIVEWAY AS NECESSARY. REMOVE ASPHALT, HAUL AWAY TO DISPOSAL SITE AND REPLACE WHAT IS REMOVED. A SMALL PAVER WALL WILL BE REMOVED AND PUT BACK. THE EXISTING FIRE HYDRANT WILL BE REINSTALLED BUT THE UNDERGROUND FITTINGS AND SHUT OFF VALVE WILL BE NEW. THIS BID INCLUDES ALL LABOR AND MATERIALS.

NO ENGINEERING.

NO COMPACTION TEST.

CUSTOMER RESPONSIBLE TO SHUT OFF WATER AND NOTIFY CUSTOMERS.

CUSTOMER RESPONSIBLE FOR KERN COUNTY ENCROCHMENT PERMIT.

PRICE: \$32,100.00

ANY ADDITIONAL LINEAL FEET: \$39.00/ FOOT

RESPECTFULLY SUBMITTED BY:  DATE: 12/1/16

ACCEPTED BY: _____ DATE: _____

NOTE: S.P.P. MAY WITHDRAW BID IF NOT ACCEPTED WITHIN 30 DAYS.

2103	Water Pumped	Water Sold	Gallons Lost	Percent Lost
January	3,255,702	3,098,298	157,404	4%
February	2,522,281	2,101,097	421,184	17%
March	6,643,937	6,001,742	642,195	10%
April	7,128,497	6,001,742	1,126,755	16%
May	7,075,255	6,569,826	505,429	7%
June	9,365,275	8,237,768	1,127,507	12%
July	8,615,248	8,211,409	403,839	4%
August	8,549,744	8,143,251	406,493	5%
September	7,537,460	6,542,651	994,809	13%
October	6,394,748	6,176,602	218,146	3%
November	4,951,175	4,494,252	456,923	9%
December	3,736,304	3,214,500	521,804	14%
Yearly Avg				8%

2014	Water Pumped	Water Sold	Gallons Lost	Percent Lost
January	4,023,971	3,755,004	268,967	6%
February	2,955,661	2,684,961	270,700	9%
March	3,836,573	3,593,765	242,808	6%
April	5,451,049	5,355,044	96,005	1%
May	6,230,101	5,708,116	521,985	8%
June	8,355,292	7,370,762	984,530	12%
July	8,435,840	8,415,389	20,451	0.02%
August	7,155,795	6,544,559	611,236	8%
September	6,710,099	6,612,964	97,135	1%
October	5,983,552	5,219,347	764,205	13%
November	4,501,898	3,988,818	513,080	11%
December	4,769,829	3,822,071	947,758	20%
Yearly Avg				7%

2105	Water Pumped	Water Sold	Gallons Lost	Percent Lost
January	3,299,502	2,861,766	437,736	13%
February	3,188,304	2,894,498	293,806	9%
March	3,516,480	3,054,757	461,723	13%
April	5,123,103	4,746,104	376,999	8%
May	3,785,724	3,495,157	290,567	8%
June	5,350,929	4,857,991	494,938	9%
July	5,674,155	5,506,850	167,305	3%
August	4,362,279	4,252,898	109,381	2%
September	5,304,174	5,200,545	103,629	2%
October	4,543,290	4,482,845	60,445	1%
November	2,827,790	2,661,007	166,783	6%

December	3,439,970	3,159,989	279,981	8%
Yearly Avg				7%

2016	Water Pumped	Water Sold	Gallons Lost	Percent Lost
January	4,456,314	3,158,961	1,297,353	29
February	2,982,941	2,583,929	399,012	13%
March	3,756,239	3,448,729	307,510	8%
April	3,506,766	3,477,160	29,606	8%
May	3,864,901	3,465,050	399,851	10%
June	3,811,078	3,447,160	363,918	10%
July	7,299,791	5,787,800	513,473	8%
August	7,427,908	6,599,073	828,835	11%
September	6,075,794	5,621,018	454,776	7%
October	4,379,808	3,898,075	481,733	11%
November	4,695,135	4,206,916	488,219	10%
December				
Yearly Avg				10%
4 year avg				8%

Water Loss Audits

Validated Water Loss Audit Reporting

Water loss audits are now a coming permanent requirement. California Senate Bill 555, passed in October 2015, requires all urban retail water suppliers in the state to submit a completed and validated water loss audit annually to the California Department of Water Resources (DWR) beginning October 2017 (2015). Previously, Senate Bill 1420 established that urban water suppliers submit a report that quantifies water system losses with their urban water management plans. As a result of the previous legislation, the department will be establishing validated water loss audit requirements for the submittal of annual validated water loss audits.

REGULATIONS FOR VALIDATING WATER LOSS AUDITS

The Water Audit is an accounting procedure using agency data to determine water loss that may be due to distribution system leaks. The Water Audit requires the agency to determine an audit period and gather an assortment of data for that period. The guidebook defines the type of data necessary and provides worksheets as guidelines or for use in the audit.

DWR is currently developing regulations for validation of water loss audits pursuant to SB555. Some requirements are clearly stipulated in the statute. The Water Code requires the use of the California-Nevada Section, American Water Works Association's Free Audit Software version 5.0 for use in preparing water loss audits. Also, the associated guidebook associated with that software is stipulated as the guidance book for conducting water loss audits. Submitting water loss audits is specified as no later than October 2017 and annually thereafter.

The draft regulations are expected to be out during September 2016 with public workshops in October 2016.

CALIFORNIA-NEVADA SECTION OF AMERICAN WATER WORKS ASSOCIATION TECHNICAL ASSISTANCE PROGRAM

CA-NV AWWA is leading a broad group of stakeholders that came together in 2015 to combat water loss in California. The California Water Loss Control Collaborative includes utility personnel, industry organizations, non-profits as well as state entities. The goal of the Collaborative is to improve knowledge of non-revenue water and provide technical assistance to utility personnel in the identification and control of real and apparent distribution systems water losses. As stipulated in the legislation, participation with the technical assistance program will result in a validated water loss audit that meets the October 2017 requirements. This program is currently a clear way to achieve compliance with the SB 555 for the first year. For more information, click [here!](#)

The State Water Resources Control Board provided the \$3.2 million in funding that resulted in the formation of a Water Loss Technical Assistance Program (Water Loss TAP).

WATER LOSS AUDIT RESOURCES

- [SB 555 Bill language](#)
- [California-Nevada American Water Works Association](#)
- [National Environmental Services Center \(search water loss here\)](#)
- [California Urban Water Conservation Council](#)
- [Water Audits in the United States: A Review of Water Losses and Data Validity. Water Research Foundation and US EPA, 2015](#)
- [Water Audits & Water Loss Control for Drinking Water Utilities: Costs and Benefits. NRDC, 2015](#)
- [The Water Audit Handbook for Small Drinking Water Systems](#)

TECHNICAL ASSISTANCE WITH LEAK DETECTION

DWR's Regional Offices have leak detection equipment available for shortterm loan to a water agency and will provide assistance to local water agencies seeking to conduct a water audit and leak detection survey of their distribution system. Please click [here](#) to learn more about the regional office in your area available for leak detection assistance.

<http://www.water.ca.gov/wateruseefficiency/wlaudits/>

If you are interested in the draft regulations for validated water loss audits and would like to be placed on an interested party list for this effort, please send an email address to Todd Thompson at todd.thompson@water.ca.gov.

If you have any questions regarding validated water loss audits, please contact:

ToddThompson, Civil & Agricultural P.E.
Senior Engineer, Water Resources
Department of Water Resources
(916) 651-9255
todd.thompson@water.ca.gov

Leak Detection

Leak detection is a necessary component to the management of water distribution systems worldwide. Accurate determination of the position of leaking water pipes within a supply system and subsequent repair serves to conserve water as well as energy. Water that is lost after treatment and pressurization, but before delivery to customers, is money and energy wasted.

WATER AUDIT AND LEAK DETECTION

In the early 1980s, the Department of Water Resources conducted a survey with numerous water agencies to determine the amount of water lost from distribution systems due to leaks. The results of that survey indicated approximately 700,000 acre-feet of water are lost each year. In response, DWR prepared a guidebook in 1982 (Water Conservation Guidebook No. 5: Water Audit and Leak Detection) to assist water agencies with quantifying potential water loss due to leaks (Water Audit) and establishing a program to locate leaks (Leak Detection). The guidebook can be located at:

<http://www.water.ca.gov/wateruseefficiency/publications/>

Additionally, the Urban Water Management Planning Act (California Water Code, sections 10610-10656) requires water agencies (as defined by the Act) to establish (if economically feasible) fourteen Demand Management Measures (DMM) for water use efficiency. The Water Audit and Leak Detection program is the DMM addressed in Water Code section 10631(f)(1)(c). For members of the California Urban Water Conservation Council (CUWCC), this is a Best Management Practice (BMP):

<http://www.cuwcc.org/Resources/BMP-1-Utility-Operations-Programs>.

The Water Audit is an accounting procedure using agency data to determine water loss that may be due to distribution system leaks. The Water Audit requires the agency to determine an audit period and gather an assortment of data for that period. The guidebook defines the type of data necessary and provides worksheets as guidelines or for use in the audit. A simple Microsoft Excel Workbook, Water Audit Workbook (v2.0 2000) was developed by DWR and is available upon request. However, WC 10631(e)(2)(B) refers to the use of the AWWA System Water Audit Software, which can also be found at

<http://www.cuwcc.org/Resources/BMP-1-Utility-Operations-Programs>.

Once an agency has determined the percentage of water loss and has performed a benefit-cost analysis to verify economic feasibility, a Leak Detection program may be established. The leak detection program is the field portion of the program. It requires knowledge of the layout of the distribution system and a good ear when using the sonic equipment. The Guidebook provides information on what steps are required to establish and perform a leak detection program.

DWR's Regional Offices have leak detection equipment available for short-term loan to a water agency, and will provide assistance to local water agencies seeking to conduct a water audit and leak detection survey of their distribution system. Please contact the regional office in your area listed below for leak detection assistance:

Northern Region Office:	Mark Rivera	530-529-7301	mark.rivera@water.ca.gov
North Central Region Office:	James Briggs	916-376-9628	james.briggs@water.ca.gov
South Central Region Office:	Steve Ewert	559-230-3334	steve.ewert@water.ca.gov
Southern Region Office:	Sergio Fierro	818-500-1645 x246	sergio.fierro@water.ca.gov

LEAK DETECTION FREQUENTLY ASKED QUESTIONS

How much water is lost to leaks?

Answer: A detailed water audit and leak detection program of 47 California water utilities found an average loss of 10 percent and a range of 30 percent to less than 5 percent of the total water supplied by the utilities. The July 1997 Journal American Water Works Association cites examples of more than 45 percent leakage.

Do leaks get bigger with age?

Answer: Yes. Leaks invariably get larger with time. A small leak this year will grow to become a large leak next year, all the while losing water and causing greater damage to infrastructure and property.

Does water from leaks always rise to the surface?

Answer: No, leaks are often unseen at the surface. Nonvisible leaks include leaks that percolate into the surrounding ground, leaks that enter other conveyance facilities, such as storm drains, sewers, stream channels, or old abandoned pipes. DWR estimates that up to 700,000 acre-feet of leakage occurs in California each year from nonvisible leaks.

What are the reasons to find and repair leaks?

Answer:

- Leaks get bigger with age.
- Repairing leaks reduces growing water losses.
- Repairing leaks with regularly scheduled maintenance reduces overtime costs of unscheduled repairs.
- Leak repairs provide more treated, pressurized water to sell to customers.
- Leak detection and repair can reduce power costs to deliver water and reduce chemical costs to treat water.
- Leaks have been known to cause damage to nearby roads, other infrastructure, and sometimes buildings. Some water utilities conduct frequent leak detection and repair programs near unstable geologic areas to reduce their legal liability against expensive lawsuits.
- Leak detection and repair improves public relations. The public appreciates seeing that its water systems are being maintained.
- The utility gains credibility by putting its own house in order before asking the customers to conserve water.

How can I determine if there are leaks at my home or business?

Answer: Leaks from the pipes going to the building or inside the building lose water delivered through the utility meter and service.

There is one way to test if leaks exist inside the building:

- Repair leaky faucets, showers, toilets, etc.
- Turn off all the water using appliances (including the swimming pool, ice cube maker, water softener, etc.).
- Look at the meter. On the dial of many meters is a small triangle which rotates if any water passes through the meter. If this device is turning, then water is flowing to an appliance or a leak.
- You can also listen for the sound of leaks at the meter or at a hose bib.

What is Unaccounted-for-Water?

Answer: Unaccounted-for-water is a misleading term long used by the water industry. Unaccounted-for-water includes unmeasured water put to beneficial use as well as water losses from the system. Better terms distinguish between authorized unmetered uses and water losses. Authorized unmetered uses include firefighting, main flushing, process water for water treatment plants, landscaping of public areas, etc. Water losses include all water that is not identified as authorized metered water use or authorized unmetered use. Water losses are lost from the distribution system, do not produce revenue, and are unavailable for other beneficial uses. Examples of water losses are: illegal connections, accounting procedure errors, reservoir seepage and leakage, reservoir overflow, leaks, theft, evaporation, and malfunctioning distribution system controls.

Where does the water from leaks go?

Answer: Leaks often stay underground. The water may enter other underground facilities such as storm drains, sewers, electrical conduits, basements of buildings, or old abandoned pipes. Some water percolates into the surrounding ground, flows over the surface to stream channels, or evaporates.

What does leak detection cost?

Answer: Acoustic leak detection surveys can be conducted at the rate of about 2 miles of pipe main per day. The dollar cost will vary with local labor or consultant charges. For a California leak detection program, half the savings were achieved with survey cost of less than \$100 per acre-foot and 80 percent of the water savings were achieved with survey cost of less than \$200 per acre-foot.

What do leak repairs cost?

Answer: The cost of leak repair varies widely, from a few minutes by one person to tighten a nut on a leaky meter, to two days by a crew with heavy equipment to repair a deeply buried main. Scheduled maintenance for leak repairs is far cheaper than unscheduled overtime.

Why do leaks produce noise?

Answer: Leaks make noise because the pressurized water forced out through a leak loses energy to the pipe wall and to the surrounding soil area. This energy creates sound waves in the audible range, which can be sensed and amplified by electronic transducers, or in some cases, by simple mechanical means. Some additional noise created by the impact of water upon soil in the area of the leak. Agitated sand and gravel can sometimes be heard striking the pipe.



California

LEGISLATIVE INFORMATION

SB-555 Urban retail water suppliers: water loss management. (2015-2016)

SHARE THIS:



Date Published:

Senate Bill No. 555

CHAPTER 679

An act to add Section 10608.34 to the Water Code, relating to water.

[Approved by Governor October 09, 2015. Filed with Secretary of State
October 09, 2015.]

LEGISLATIVE COUNSEL'S DIGEST

SB 555, Wolk. Urban retail water suppliers: water loss management.

Existing law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020, and requires the state to make incremental progress towards this goal by reducing per capita water use by at least 10% on or before December 31, 2015. Existing law requires each urban retail water supplier to develop urban water use targets and an interim urban water use target, in accordance with specified requirements.

This bill would require each urban retail water supplier, on or before October 1, 2017, and on or before October 1 of each year thereafter, to submit a completed and validated water loss audit report for the previous calendar year or previous fiscal year as prescribed by rules adopted by the Department of Water Resources on or before January 1, 2017, and updated as provided. The bill would require the department to post all validated water loss audit reports on its Internet Web site in a manner that allows for comparisons across water suppliers and to make these reports available for public viewing. This bill would require the department to provide technical assistance to guide urban retail water suppliers' water loss detection programs. The bill would require the State Water Resources Control Board, no earlier than January 1, 2019, and no later than July 1, 2020, to adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. This bill would require the board to contribute up to \$400,000 using funds available for the 2016-17 fiscal year towards procuring water loss audit report validation assistance for urban retail water suppliers.

Vote: majority Appropriation: no Fiscal Committee: yes Local Program: no

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 10608.34 is added to the Water Code, to read:

10608.34. (a) (1) On or before January 1, 2017, the department shall adopt rules for all of the following:

(A) The conduct of standardized water loss audits by urban retail water suppliers in accordance with the method adopted by the American Water Works Association in the third edition of Water Audits and Loss Control Programs, Manual M36 and in the Free Water Audit Software, version 5.0.

(B) The process for validating a water loss audit report prior to submitting the report to the department. For the purposes of this section, "validating" is a process whereby an urban retail water supplier uses a technical expert to confirm the basis of all data entries in the urban retail water supplier's water loss audit report and to appropriately characterize the quality of the reported data. The validation process shall follow the principles and

terminology laid out by the American Water Works Association in the third edition of Water Audits and Loss Control Programs, Manual M36 and in the Free Water Audit Software, version 5.0. A validated water loss audit report shall include the name and technical qualifications of the person engaged for validation.

(C) The technical qualifications required of a person to engage in validation, as described in subparagraph (B).

(D) The certification requirements for a person selected by an urban retail water supplier to provide validation of its own water loss audit report.

(E) The method of submitting a water loss audit report to the department.

(2) The department shall update rules adopted pursuant to paragraph (1) no later than six months after the release of subsequent editions of the American Water Works Association's Water Audits and Loss Control Programs, Manual M36. Except as provided by the department, until the department adopts updated rules pursuant to this paragraph, an urban retail water supplier may rely upon a subsequent edition of the American Water Works Association's Water Audits and Loss Control Programs, Manual M36 or the Free Water Audit Software.

(b) On or before October 1, 2017, and on or before October 1 of each year thereafter, each urban retail water supplier shall submit a completed and validated water loss audit report for the previous calendar year or the previous fiscal year as prescribed by the department pursuant to subdivision (a). Water loss audit reports submitted on or before October 1, 2017, may be completed and validated with assistance as described in subdivision (c).

(c) Using funds available for the 2016-17 fiscal year, the board shall contribute up to four hundred thousand dollars (\$400,000) towards procuring water loss audit report validation assistance for urban retail water suppliers.

(d) Each water loss audit report submitted to the department shall be accompanied by information, in a form specified by the department, identifying steps taken in the preceding year to increase the validity of data entered into the final audit, reduce the volume of apparent losses, and reduce the volume of real losses.

(e) At least one of the following employees of an urban retail water supplier shall attest to each water loss audit report submitted to the department:

(1) The chief financial officer.

(2) The chief engineer.

(3) The general manager.

(f) The department shall deem incomplete and return to the urban retail water supplier any final water loss audit report found by the department to be incomplete, not validated, unattested, or incongruent with known characteristics of water system operations. A water supplier shall resubmit a completed water loss audit report within 90 days of an audit being returned by the department.

(g) The department shall post all validated water loss audit reports on its Internet Web site in a manner that allows for comparisons across water suppliers. The department shall make the validated water loss audit reports available for public viewing in a timely manner after their receipt.

(h) Using available funds, the department shall provide technical assistance to guide urban retail water suppliers' water loss detection programs, including, but not limited to, metering techniques, pressure management techniques, condition-based assessment techniques for transmission and distribution pipelines, and utilization of portable and permanent water loss detection devices.

(i) No earlier than January 1, 2019, and no later than July 1, 2020, the board shall adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. In adopting these rules, the board shall employ full life cycle cost accounting to evaluate the costs of meeting the performance standards. The board may consider establishing a minimum allowable water loss threshold that, if reached and maintained by an urban water supplier, would exempt the urban water supplier from further water loss reduction requirements.

SUNPOWER®

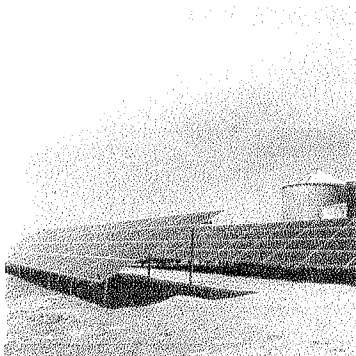
by Photon Brothers

Prepared For
Lebec County Water District
(805) 290-7407
lebecwater@att.net

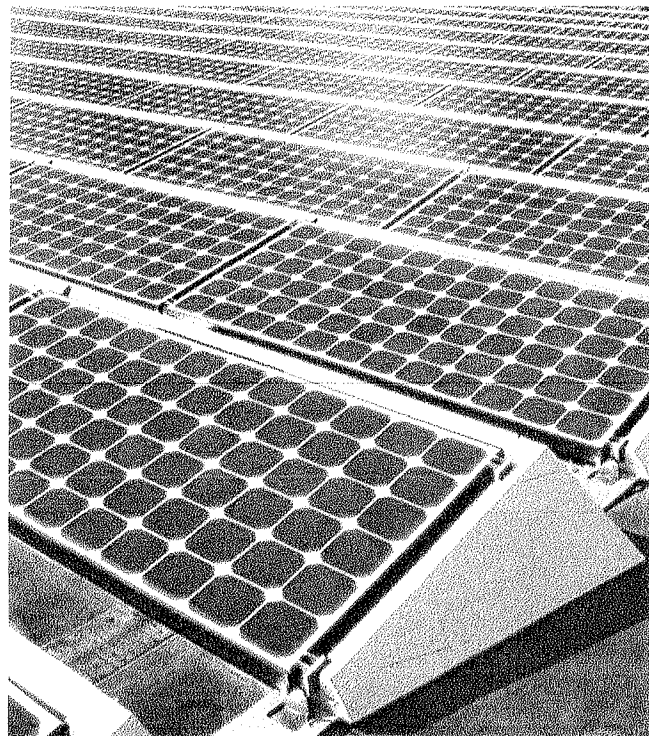
60 kW Solar PV Proposal - SunPower P-series 340 W Panels

Prepared By
Kyle Fetrow
805-242-2287
Kyle@photonbrothers.com

10/26/2016



Photon Brothers Inc. is pleased to offer this proposal for a Solar PV energy system. We are a high-quality designer and installer, and pride ourselves in using the highest quality components in the solar industry.



1 Project Summary

Payment Options

Upfront Payment

Total Payments

Rebates and Incentives

Net Payments

30-Year Electric Bill Savings

30-Year IRR

30-Year LCOE PV

30-Year NPV

Payback Period

Cash Purchase

\$160,200

\$160,200

\$103,329

\$56,871

\$720,046

21.25%

\$0.020

\$226,060

4.0 Years

← ~~0~~ tax liability

← with tax liability

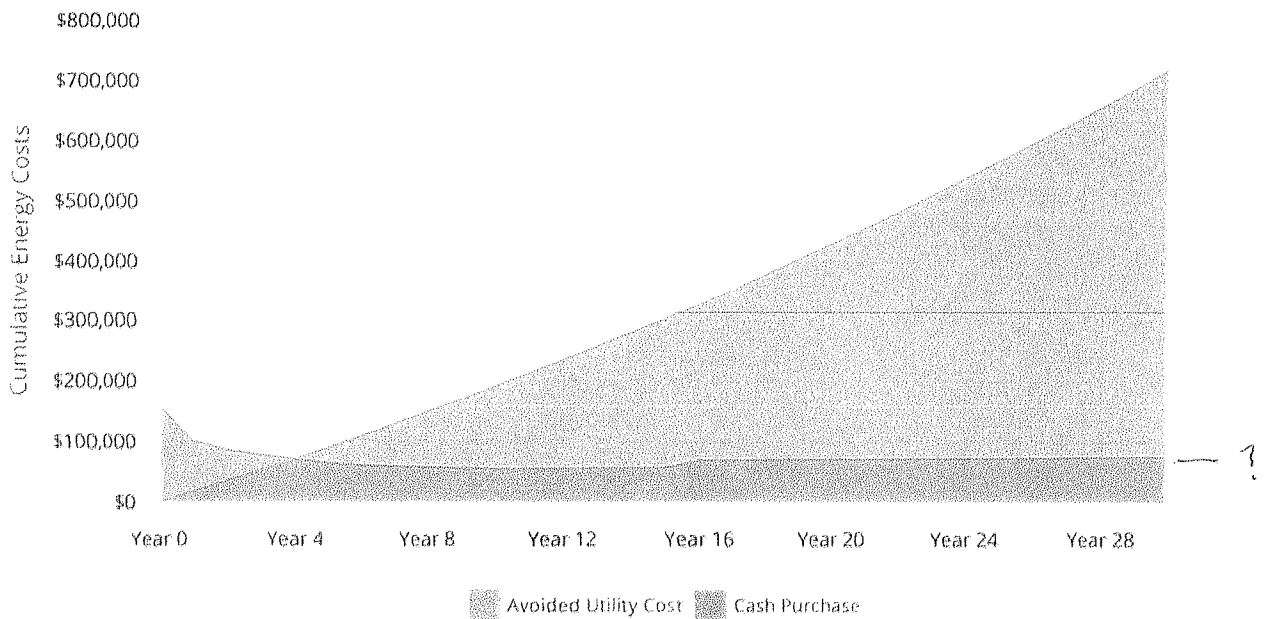
Combined Solar PV Rating

Power Rating: 60,000 W-DC

Power Rating: 53,044 W-AC-CEC

POWER RATING IN BRIK SUN 10 AM TO 2 PM ?
CAN WE PUMP WATER
CEC ?

Cumulative Energy Costs By Payment Option



SUNPOWER®

by Photon Brothers

Prepared By: Kyle Fetrow

P: (805) 242-2287 E: Kyle@photonbrothers.com

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2.1.1 PV System Details

General Information

Facility: 50 HP Pump - meter 1009468234
 Address: 323 Frazier Mountain Park Road Lebec CA 93243

Solar PV System Rating

Power Rating: 35,000 W-DC
 Power Rating: 31,268 W-AC-CEC

Solar PV Equipment Description

Solar Panels: 35.0kW-DC Premium Modules 60K
 Inverters: Standard Inverter 10K

Energy Consumption Mix

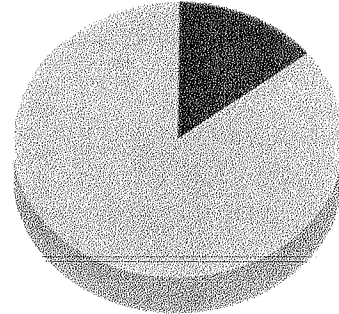
Annual Energy Use: 72,822 kWh

Solar PV Equipment Typical Lifespan

Solar Panels: Greater than 30 Years
 Inverters: 15 Years

Solar PV System Cost And Incentives

Solar PV System Cost	\$93,450
Federal Tax Credit	-\$28,035
Federal Depreciation	-\$23,830
State (CA) 10-yr Depreciation	-\$8,411
Net Solar PV System Cost:	\$33,175



Utility	10,388 kWh (14.26%)
Solar PV	62,434 kWh (85.74%)

Monthly Energy Use vs Solar Generation

