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Attorneys for Cross-Defendant
WAGAS LAND COMPANY LLC

SUPERIOR COURT OF THE STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

ANTELOPE VALLEY GROUNDWATER CASES
Included Consolidated Actions:
Los Angeles County Waterworks District No. 40 v. Diamond Farming Co., Superior Court of California, County of Los Angeles Case No. BC325201
Los Angeles County Waterworks District No. 40 v. Diamond Farming Co., Superior Court of California, County of Kern Case No. S-1500-CV254348
Wm. Bolthouse Farms, Inc. v. City of Lancaster; Diamond Farming Co. v. City of Lancaster; Diamond Farming Co. v. Palmdale Water Dist., Superior Court of California, County of Riverside, Consolidated Actions, Case Nos. RIC353840, RIC344436, RIC344668.
Rebecca Lee Willis v. Los Angeles County Waterworks District No. 40, Superior Court of California, County of Los Angeles Case No. BC364553
Richard A. Wood v. Los Angeles County Waterworks, District No. 40, Superior Court of California, County of Los Angeles, Case No. BC391869

Judicial Council Coordination Proceeding No. 4408

Santa Clara Case No. 1-05-CV-049053
Assigned to the Hon. Jack Komar

DECLARATION OF EDWARD A. WOPSCHALL IN LIEU OF DEPOSITION TESTIMONY FOR PHASE 4 TRIAL

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DECLARATION

I, Edward A. Wopschall, declare:

1. I am a managing member for Wagas Land Company LLC, a party to this action. In lieu of deposition testimony for the Phase 4 trial, I am providing this declaration. This declaration applies only to the categories I have filled in. The items left blank or crossed out do not apply to me. I have personal knowledge of each fact herein and would testify competently thereto under oath.

Property Ownership and Parcel Size

2. Wagas Land Company LLC owns property that overlies the Antelope Valley Area of Adjudication as decided by this Court. ~~The land is in both Kern County and in Los Angeles County and is identified by the following APN/APNs~~: The parcels consist of approximately 630 acres of contiguous land fronting on Avenue A near 30th Street West. Approximately ½ the land is located in Kern County and ½ is located in Los Angeles County. The Assessors' parcel numbers are:

Los Angeles County 3115-1-17.

Los Angeles County 3115-1-18.

Los Angeles County 3115-03-1.

Los Angeles County 3115-03-2.

Kern County 473-021-04.

~~[If additional room is needed, please identify the APN/APNs in Exhibit A.] A true and correct copy of Exhibit A is attached hereto and incorporated herein~~.

3. Wagas Land Company LLC claims groundwater rights only as to the properties listed in Paragraph 2 ~~and Exhibit A.~~

4. For each APN/APNs identified above, the total acreage by parcel is as follows: I don't know the exact acreage of each of the APNs but the parcels are all contiguous and total approximately 630 acres, ½ of which is in Kern County and ½ is in Los Angeles County. ~~[If additional room is needed, please identify the APN/APNs and parcel size in Exhibit B.] A true and correct copy of Exhibit B is attached hereto and incorporated herein.~~

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5. For each APN/APNs identified above Wagas Land Company LLC and its predecessor entities have owned the property ~~during the following timer period:~~ since 1925. Wagas Land Company LLC took title in September 2005. Prior thereto for many years title was held by Wagas Land Company, a partnership aka Wagas Ranch aka Wagas Gun Club. Prior thereto title was held by various entities consisting of at least one corporation, one sole proprietorship and one partnership each of which used the name Wagas Land Company, Wagas Gun Club and or Wagas Ranch.

6. The following are all individuals/entities appearing on the title for the above identified APN/APNS from Jan 1, 2000 to the present: Wagas Land Company, a general partnership and Wagas Land Company LLC.

7. For each individual/entity identified in paragraph 6 that individual/entity appeared on the title during the following time: Wagas Land Company LLC took title in September 2005. Prior thereto Wagas Land Company, a general partnership held title.

Leases

8. _____ (declarant or party affiliated with declarant) leases property that _____ own and that overlies the Antelope Valley Area of Adjudication as decided by this court and identified by the following APNS:

_____.

9. The total acreage by parcel is:

_____.

10. The property is currently leased to:

_____.

11. The property was leased on the following dates:

_____.

12. The lease provides that _____ may claim groundwater rights from the use of

water on the leased property. Attached to this declaration is a true and correct copy of the lease.

[If additional room is needed, please list APN/APNs, acreage by APN, Lessee by APN and dates for each Lessee by APN for each parcel in Exhibit C.] A true and correct copy of Exhibit C is attached hereto and incorporated herein.

13. _____ leases property from _____ which overlies the Antelope Valley Area of Adjudication as decided by this court and is identified by the following APNS:

_____.

14. The total acreage by parcel is:

_____.

15. The Lease provides that _____ may claim groundwater rights from use of water on leased property. Attached to this declaration is a true and correct copy of the lease.

[If additional room is needed, please attach APN/APNs, Name of the Lessor and acreage by APN for each parcel list in Exhibit D to this declaration.] A true and correct copy of Exhibit D is attached hereto and incorporated herein.

16. _____claims groundwater rights only as to the leasehold interests listed in Paragraph 15 and Exhibit D.

17. _____ claims groundwater rights only as to the properties listed in Paragraph 2 and Exhibit A and as to the leasehold interests listed in Paragraph 8 and Exhibit C.

18. To the best of my knowledge, only _____claims groundwater rights as to the leased parcel(s) identified in paragraph 15 and Exhibit D.

Water Meter Records

19. _____ measures the groundwater production on the above referenced properties by water meters. Exhibit E contains the records for these water meters for the following years:

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_____.

A true and correct copy of Exhibit E is attached hereto and incorporated herein.

20. Exhibit F sets forth the total yearly production amounts by metered water well on the above referenced properties for the years 2000-2004, 2011, and 2012. A true and correct copy of Exhibit F is attached hereto and incorporated herein.

State Water Project Purchases

21. _____ purchases State Water Project water from a State Water Contractor for use by _____ on the properties referenced above. Exhibit G contains true and correct copies of the invoices for delivery of State Water Project Water to the properties referenced above.

22. Exhibit H sets forth the total yearly State Water Project water deliveries to the properties referenced above for the years 2000-2004, 2011, and 2012. A true and correct copy of Exhibit H is attached hereto and incorporated herein.

Pump Tests/ Electric Records

23. In order to calculate groundwater pumped and used on the properties referenced above, Wagas Land Company LLC and Wagas Land Company a general partnership relied on Edison Company pump tests and electric records. Exhibit I contains true and correct copies of the pump test records and electrical records for wells on the properties referenced above. The electric records attached to this declaration as Exhibit I do not include electric use on the properties referenced above for anything other than pumping groundwater.

24. Exhibit ~~J~~ I also sets forth the amount of total yearly groundwater that Wagas Land Company LLC estimates was pumped and used on the properties referenced above for the years 2000-2004, 2011, and 2012 based on the attached pump test records and electrical records for the wells on the properties referenced above. A true and correct copy of Exhibit ~~J~~ I is attached hereto and incorporated herein.

25. Pump tests were performed on ~~the following dates:~~ the dates shown on the Edison pump

test records contained in Exhibit I. Edison Company pump tests were also performed for years prior to the years referenced above. We have those records back to and including 1985.

26. Wagas Land Company LLC is not producing pump test records for ~~the following dates~~ years prior to 2000 because the Court Order did not direct us to do so.

27. I am ~~not~~ aware ~~of any other~~ that Edison Company also conducted pump tests on the properties referenced above prior to 1985 but Edison Company has not preserved those records and neither have we.~~having been performed on the properties referenced above.~~

Pump Tests/Diesel Records

28. In order to calculate groundwater pumped and used on the properties referenced above, _____ relied on pump tests and diesel fuel records. Exhibit K contains true and correct copies of the records pertaining to pump tests and diesel fuel purchases for the properties referenced above. The diesel fuel records attached to this declaration as Exhibit K do not include diesel fuel used on the properties referenced above for anything other than pumping groundwater.

29. Exhibit L sets forth the amounts of total yearly groundwater pumped and used on the properties referenced above for the years 2000-2004, 2011, and 2012. A true and correct copy of Exhibit L is attached hereto and incorporated herein.

30. Pump tests were performed on the following dates:

_____.

31. _____ is not producing pump test records for the following dates _____ because:

_____.

32. I am not aware of any other pump tests having been performed on the properties referenced above.

Crop Duties and Irrigated Acres

33. In order to calculate water use on the properties referenced above, _____ relies on the amount of acres in irrigation on the properties referenced above multiplied by the

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crop duty identified in the Summary Expert Report, Appendix D-3: Table 4, a true and correct copy of which is attached to this declaration as Exhibit M.

34. The total amount of irrigated acres and type of crops on the properties referenced above by APN for the years 2000-2004, 2011 and 2012 are described in Exhibit N. A true and correct copy of Exhibit N is attached hereto and incorporated herein.

Other Sources of Water

35. On the properties referenced above, _____ received water from sources other than groundwater pumped within the Basin or State Water Project Water. Exhibit O sets forth the source of the water and the amounts received for the years 2000-2004, 2011, and 2012.

Use of Water *(Complete for each APN. If water for used for multiple purposes, identify the amount of water for each use.)*

36. The amount of water used on the parcels on an annual basis is set out in Exhibit I hereto. We keep track of the water used by well. We do not keep track of the water applied by APN numbers. ~~_____ used _____ acre feet of water on APN# _____ in 2000.~~ The water was used for the following: Wildlife habitat and a very small amount for domestic purposes.

~~[State the crop type and number of acres of that crop. If not used for irrigation, describe the use. In lieu of answering this question, a crop map may be attached that shows the date, crop type, irrigated acreage and parcels.]~~

~~37. _____ used _____ acre feet of water on APN# _____ in 2001. The water was used for the following:~~

~~_____.~~

~~[State the crop type and number of acres of that crop. If not used for irrigation, describe the use. In lieu of answering this question, a crop map may be attached that shows the date, crop type, irrigated acreage and parcels.]~~

~~38. _____ used _____ acre feet of water on APN# _____ in 2002. The water was used for the following:~~

~~_____.~~

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39. _____ used _____ acre feet of water on APN# _____ in 2003. The water was used for the following:

_____.

[State the crop type and number of acres of that crop. If not used for irrigation, describe the use. In lieu of answering this question, a crop map may be attached that shows the date, crop type, irrigated acreage and parcels.]

40. _____ used _____ acre feet of water on APN# _____ in 2004. The water was used for the following:

_____.

[State the crop type and number of acres of that crop. If not used for irrigation, describe the use. In lieu of answering this question, a crop map may be attached that shows the date, crop type, irrigated acreage and parcels.]

41. _____ used _____ acre feet of water on APN# _____ in 2011. The water was used for the following:

_____.

[State the crop type and number of acres of that crop. If not used for irrigation, describe the use. In lieu of answering this question, a crop map may be attached that shows the date, crop type, irrigated acreage and parcels.]

42. _____ used _____ acre feet of water on APN# _____ in 2012. The water was used for the following:

_____.

[State the crop type and number of acres of that crop. If not used for irrigation, describe the use. In lieu of answering this question, a crop map may be attached that shows the date, crop type, irrigated acreage and parcels.]

43. Other than what is declared hereinabove, Wagas Land Company did not produce or use water within the Antelope Valley Area of Adjudication for 2000-2004, 2011, and 2012.

I declare under penalty of perjury under the laws of the State of California that the

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foregoing is true and correct. Executed this 26 day of January 2013, at LANCASTER, CA, California.

Edward S Wojciechowski

~~EXHIBIT "A"~~

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EXHIBIT "B"

APN	Size in acres

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EXHIBIT "C"

APN:	Leased to:	Acreage:	Dates of Lease:

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EXHIBIT "D"

APN:	Leased from:	Acreage:	Dates of Lease:

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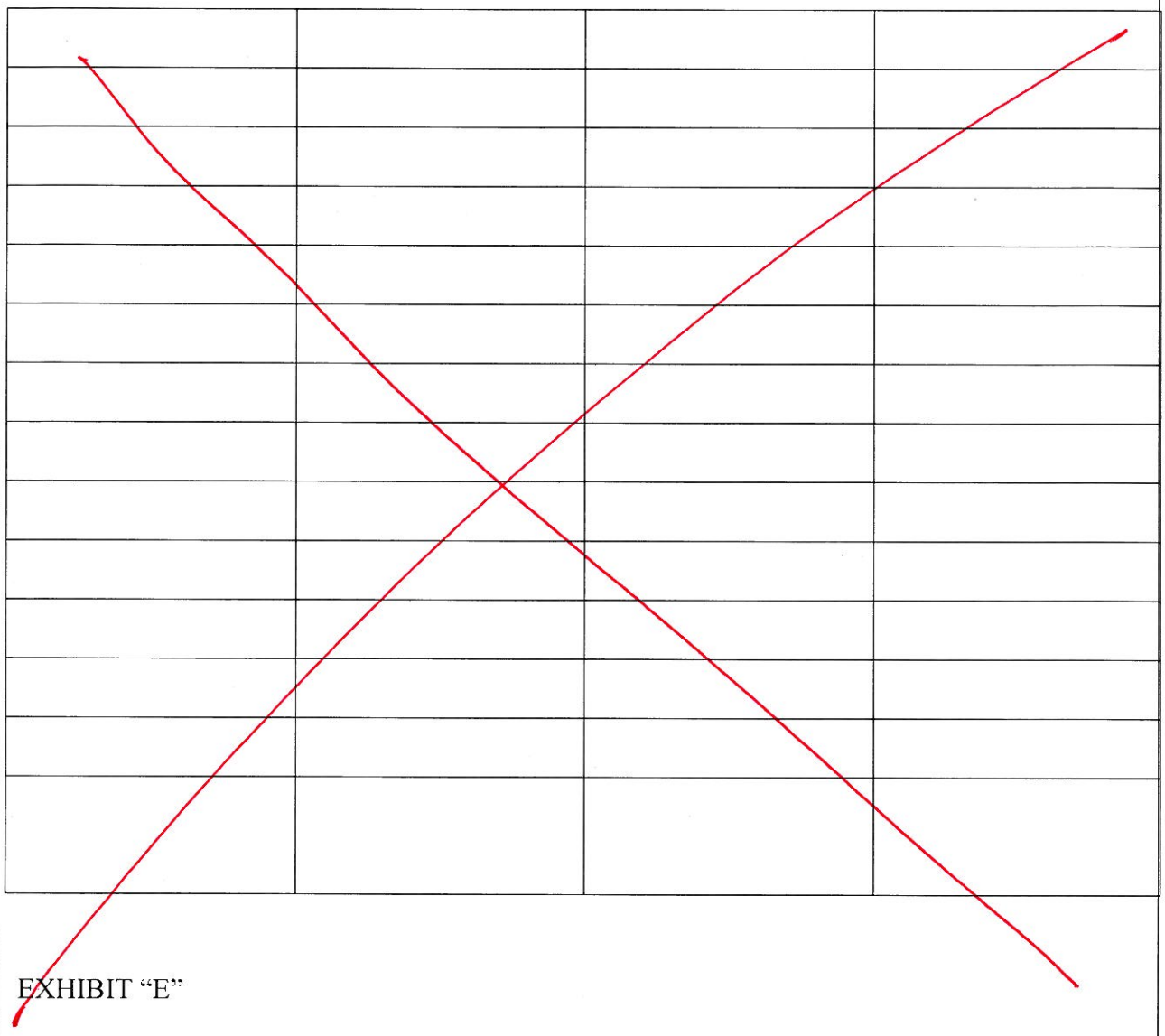

EXHIBIT "E"

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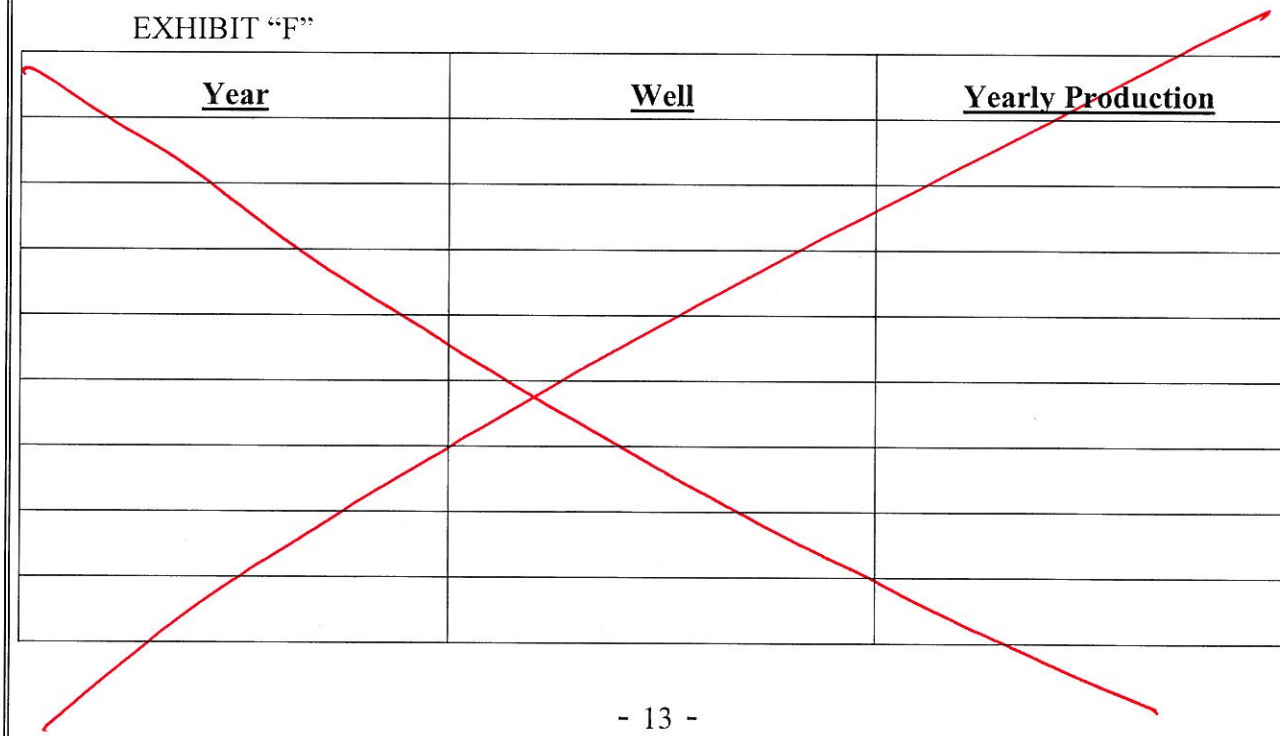
EXHIBIT "F"

Year	Well	Yearly Production



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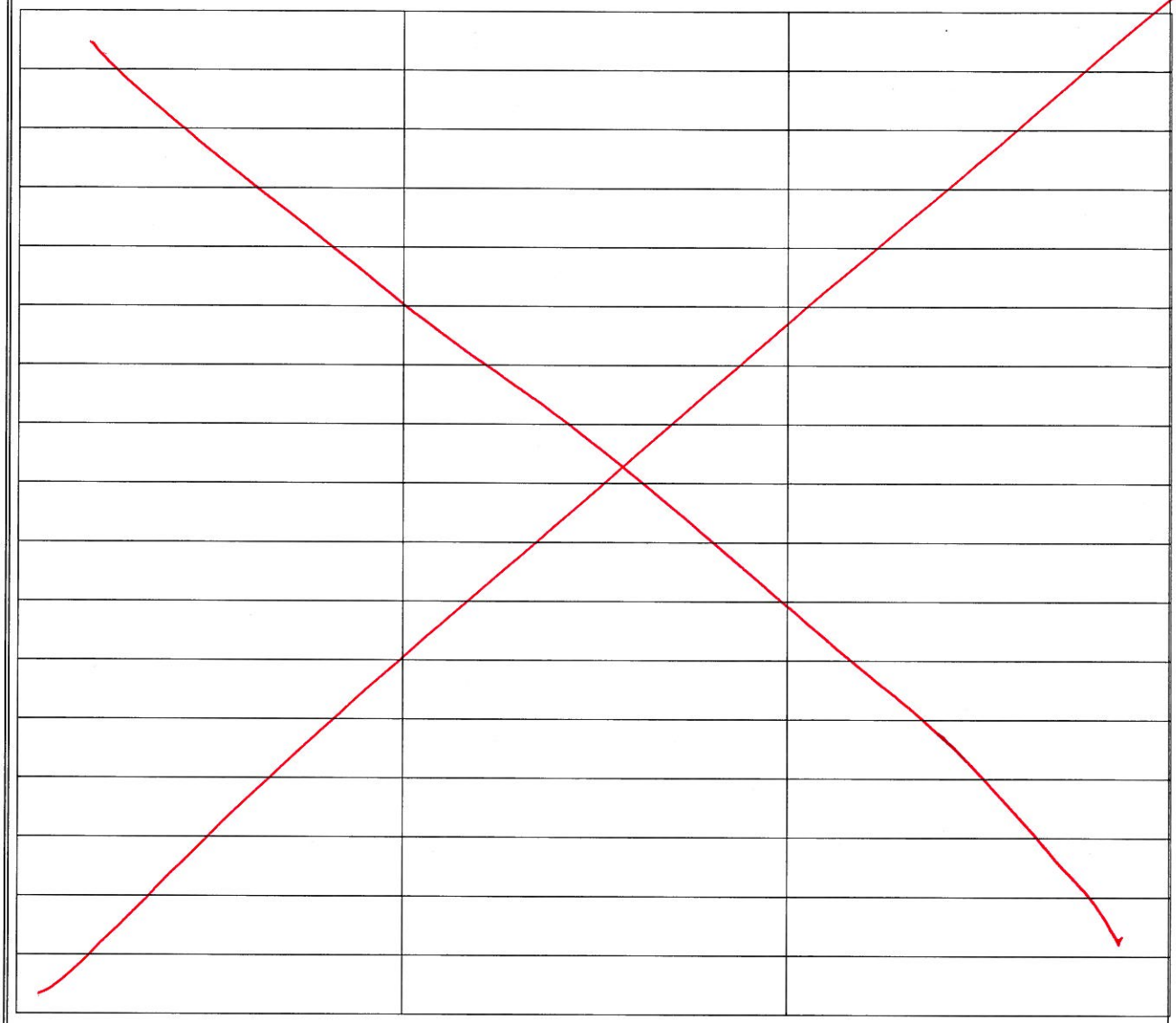

EXHIBIT "G"

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~~EXHIBIT "H"~~

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EXHIBIT "I"

WAGAS LAND COMPANY LLC WATER USAGE: 2000-2004 AND 2011-2012 (Revised 12-19-12)

(AS DETERMINED BY EDISON COMPANY PUMP TESTS)

Year	North Well (30 HP) AFY	East Well (50 HP) AFY	South Well (60 HP) Referred to by Edison as "West Well" AFY	Total AFY
2000	220.3	556.7	605.9	1382.9
2001	88.3	426.7	521.7	1036.7
2002	44.5	433.6	575.8	1053.9
2003	34.6	455.7	548.6	1038.9
2004	32.8	466	518.6	1017.4
Average				1106.0
Median				1038.9
Highest				1382.9
2011	11.5	472.1	467.9	951.5
2012	10.3	469.8	536.7	1016.8

2000

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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

HYDRAULIC TEST RESULTS, Plant:NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 3412M-7140 Pump Ref.#: 2580

In accordance with your request, an energy efficiency test was performed on your turbine well pump on October 11, 2000. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

Equipment

Pump: AUROR No: 'V8472099
Motor: US No: 'R718303919

Discharge Pressure, PSI	1.7	15.1	26.5
Standing Water Level, Feet	143.7	143.7	143.7
Drawdown, Feet	41.3	35.0	28.9
Discharge Head, Feet	3.9	34.9	61.2
Pumping Water Level, Feet	185.0	178.7	172.6
Total Head, Feet	188.9	213.6	233.8
Capacity, GPM	379	319	263
GPM per Foot Drawdown	9.2	9.1	9.1
Acre Feet Pumped in 24 Hours	1.675	1.410	1.162
kW Input to Motor	24.5	23.8	22.2
HP Input to Motor	32.9	31.9	29.8
Motor Load (%)	96.9	94.2	87.8
Measured Speed of Pump, RPM	1,774		
kWh per Acre Foot	351	405	458
Overall Plant Efficiency (%)	55.0	53.9	52.2

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: 'NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 3412M-7140 Pump Ref.#: 2580

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on October 11, 2000, billing history for the past 12 months, and your current rate of TOU-PA-A.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 55.0% to 65.0%.
2. This can save you up to 11,866 kWh and $1,233.92 annually.
3. These kWh savings translate to a 5.2-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	77,340	65,474	11,866
kW Input	24.5	20.7	3.8
kWh per Acre Foot	351	297	54
Acre Feet per Year	220.3		
Average Cost per kWh	$0.10		
Average Cost per Acre Foot	$36.51	$30.91	$5.60
Overall Plant Efficiency (%)	55.0	65.0	
Total Annual Cost	$8,042.74	$6,808.82	$1,233.92

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum energy efficiency will be continued. If you have any questions regarding this report, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
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February 14, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

HYDRAULIC TEST RESULTS, Plant: 'EAST WELL #2

Location:	E/S 30TH W S/O AVE A		HP: 50
Cust #:	0-000-2633	Serv. Acct. #:	014-8034-41
Meter:	3412M-6681	Pump Ref.#:	2578

In accordance with your request, an energy efficiency test was performed on your turbine well pump on October 11, 2000. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

Equipment

Pump:	L & B	No:	'D18009
Motor:	US	No:	'H1019392

Discharge Pressure, PSI	**1.3**
Standing Water Level, Feet	**145.8**
Drawdown, Feet	**36.4**
Discharge Head, Feet	**3.0**
Pumping Water Level, Feet	**182.2**
Total Head, Feet	**185.2**
Capacity, GPM	**709**
GPM per Foot Drawdown	**19.5**
Acre Feet Pumped in 24 Hours	**3.134**
kW Input to Motor	**43.0**
HP Input to Motor	**57.7**
Motor Load (%)	**103.8**
Measured Speed of Pump, RPM	**1,774**
kWh per Acre Foot	**329**
Overall Plant Efficiency (%)	**57.5**

DAN L. JOHNSON
Manager
Hydraulic Services

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February 14, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: 'EAST WELL #2

Location:	E/S 30TH W S/O AVE A		HP: 50
Cust #:	0-000-2633	Serv. Acct. #:	014-8034-41
Meter:	3412M-6681	Pump Ref.#:	2578

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on October 11, 2000, billing history for the past 12 months, and your current rate of TOU-PA-SOP-1.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 57.5% to 70.0%.
2. This can save you up to 32,736 kWh and $2,262.30 annually.
3. These kWh savings translate to a 14-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	**183,372**	**150,636**	**32,736**
kW Input	**43.0**	**35.3**	**7.7**
kWh per Acre Foot	**329**	**271**	**59**
Acre Feet per Year	**556.7**		
Average Cost per kWh	**$0.07**		
Average Cost per Acre Foot	**$22.76**	**$18.70**	**$4.06**
Overall Plant Efficiency (%)	**57.5**	**70.0**	
Total Annual Cost	**$12,672.47**	**$10,410.18**	**$2,262.30**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum energy efficiency will be continued. If you have any questions regarding this report, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

HYDRAULIC TEST RESULTS, Plant:WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-8970-34
Meter: 3416M-7011 Pump Ref.#: 2579

In accordance with your request, an energy efficiency test was performed on your turbine well pump on October 12, 2000. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

Equipment

Pump: L & B No: '21847
Motor: US No: '1025182

Discharge Pressure, PSI	.8	14.1
Standing Water Level, Feet	158.9	158.9
Drawdown, Feet	35.2	30.7
Discharge Head, Feet	1.8	32.6
Pumping Water Level, Feet	194.1	189.6
Total Head, Feet	195.9	222.2
Capacity, GPM	978	827
GPM per Foot Drawdown	27.8	26.9
Acre Feet Pumped in 24 Hours	4.323	3.655
kW Input to Motor	61.2	60.5
HP Input to Motor	82.1	81.1
Motor Load (%)	123.1	121.7
Measured Speed of Pump, RPM	1,775	
kWh per Acre Foot	340	397
Overall Plant Efficiency (%)	59.0	57.2

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: 'WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on October 12, 2000, billing history for the past 12 months, and your current rate of TOU-P-S-1-AP.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 59.0% to 70.0%.
2. This can save you up to 32,498 kWh and $2,000.86 annually.
3. These kWh savings translate to a 14-ton decrease in CO_2 emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	205,908	173,410	32,498
kW Input	61.2	51.5	9.7
kWh per Acre Foot	340	286	54
Acre Feet per Year	605.9		
Average Cost per kWh	$0.06		
Average Cost per Acre Foot	$20.92	$17.62	$3.30
Overall Plant Efficiency (%)	59.0	70.0	
Total Annual Cost	$12,677.34	$10,676.48	$2,000.86

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum energy efficiency will be continued. If you have any questions regarding this report, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

2001

SOUTHERN CALIFORNIA
EDISON
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CONFIDENTIAL/PROPRIETARY INFORMATION

October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - NORTH WELL #1
35TH ST W N/S AVE A
CUST #: 0-006-1729 SERV ACCT #: 003-4220-09
DATE OF TEST: October 1, 2001

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT
PUMP: AUROR NO: V8472099
MOTOR: US NO: R718303919 30 HP
METER: 732M-54
HYDRAULIC TEST REFERENCE NUMBER: 2580

TEST RESULTS	TEST 1	TEST 2	TEST 3
Discharge Pressure, PSI	1.0	15.9	26.3
Standing Water Level, Ft.	150.4	150.4	150.4
Drawdown, Ft.	39.1	32.2	26.1
Discharge Head, Ft.	2.3	36.7	60.8
Pumping Water Level, Ft.	189.5	182.6	176.5
Total Head, Ft.	191.8	219.3	237.3
Capacity, GPM	366.0	294.0	235.0
GPM per Ft. Drawdown	9.4	9.1	9.0
Acre Ft. Pumped in 24 Hrs.	1.618	1.299	1.039
kW Input to Motor	24.3	23.1	21.5
HP Input to Motor	32.6	31.0	28.8
Motor Load (%)	96.1	91.4	85.1
Measured Speed of Pump, RPM	1770		
kWh per Acre Ft.	361	427	497
Overall Plant Efficiency (%)	54.4	52.6	48.8

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

DAN JOHNSON
Manager
Hydraulic Services

12.2 gal per 1 hp

hp 30 | 366 gal
30/60
60/60

42060 10th St. W.
Lancaster, CA 93534

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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 30 - PLANT: NORTH WELL #1
CUST #: 0-006-1729 SERV ACCT #: 003-4220-09
HYDRAULIC TEST REFERENCE NUMBER: 2580

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed October 1, 2001 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY
PA-1
Current Rate

Total kWh	31836
kW Input	24.3
kWh per Acre Ft.	361
Acre Ft. per Year	88.3
Avg. Cost per kWh	$0.11
Avg. Cost per Acre Ft.	$39.30
Overall Plant Eff. (%)	54.4
TOTAL ANNUAL COST	$3,469.61

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pump efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

DAN JOHNSON
Manager
Hydraulic Services

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Lancaster, CA 93534

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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 30 - PLANT: NORTH WELL #1
CUST #: 0-006-1729 SERV ACCT #: 003-4220-09
HYDRAULIC TEST REFERENCE NUMBER: 2580

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed October 1, 2001 and billing history for the past 12 months.

It is recommended and assumed that:
1. Overall plant efficiency can be improved to 65.0%.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY PA-1 Current Rate	IMPROVED PLANT EFFICIENCY PA-1 Current Rate	Savings
Total kWh	31836	26644	5192
kW Input	24.3	20.3	4.0
kWh per Acre Ft.	361	302	59
Acre Ft. per Year	88.3	88.3	
Avg. Cost per kWh	$0.11		
Avg. Cost per Acre Ft.	$39.30	$32.89	$6.41
Overall Plant Eff. (%)	54.4	65.0	
TOTAL ANNUAL COST	$3,469.61	$2,903.80	$565.81

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661) 726-5662.

DAN JOHNSON
Manager
Hydraulic Services

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Lancaster, CA 93534

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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - EAST WELL #2
E/S 30TH W S/O AVE A
CUST #: 0-000-2633 SERV ACCT #: 014-8034-41
DATE OF TEST: October 1, 2001

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: D18009
MOTOR: US NO: H1019392 50 HP
METER: 732K-1194
HYDRAULIC TEST REFERENCE NUMBER: 2578

TEST RESULTS

Discharge Pressure, PSI	1.1
Standing Water Level, Ft.	144.7
Drawdown, Ft.	36.9
Discharge Head, Ft.	2.5
Pumping Water Level, Ft.	181.6
Total Head, Ft.	184.1
Capacity, GPM	700.0
GPM per Ft. Drawdown	19.0
Acre Ft. Pumped in 24 Hrs.	3.094
kW Input to Motor	42.7
HP Input to Motor	57.3
Motor Load (%)	103.1
Measured Speed of Pump, RPM	1773
kWh per Acre Ft.	331
Overall Plant Efficiency (%)	56.8

19 gal per ft drawdown

DAN JOHNSON
Manager
Hydraulic Services

50 | 700
50
200
14 gal per HP per hr

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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed October 1, 2001 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY	TOU-PA-SOP Current Rate
Total kWh	141372
kW Input	42.7
kWh per Acre Ft.	331
Acre Ft. per Year	426.7
Avg. Cost per kWh	$0.07
Avg. Cost per Acre Ft.	$21.82
Overall Plant Eff. (%)	56.8
TOTAL ANNUAL COST	$9,311.04

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pump efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

138 Days per yr

138 3.09 | 426.7 309 1177 927 2500 972

DAN JOHNSON
Manager
Hydraulic Services

42060 10th St. W.
Lancaster, CA 93534

SOUTHERN CALIFORNIA EDISON
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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed October 1, 2001 and billing history for the past 12 months.

It is recommended and assumed that:
1. Overall plant efficiency can be improved to 70.0%.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	141372	114780	26592
kW Input	42.7	34.7	8.0
kWh per Acre Ft.	331	269	62
Acre Ft. per Year	426.7	426.7	
Avg. Cost per kWh	$0.07		
Avg. Cost per Acre Ft.	$21.82	$17.71	$4.10
Overall Plant Eff. (%)	56.8	70.0	
TOTAL ANNUAL COST	$9,311.04	$7,559.63	$1,751.42

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

DAN JOHNSON
Manager
Hydraulic Services

42060 10th St. W.
Lancaster, CA 93534

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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - WEST WELL #3
35TH W 1/4 S/O AVE A
CUST #: 0-006-1729 SERV ACCT #: 003-6970-34
DATE OF TEST: October 2, 2001

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: 21847
MOTOR: US NO: 1025182 60 HP
METER: 0728K-1297
HYDRAULIC TEST REFERENCE NUMBER: 2579

TEST RESULTS

Discharge Pressure, PSI	0.8
Standing Water Level, Ft.	168.3
Drawdown, Ft.	31.8
Discharge Head, Ft.	1.8
Pumping Water Level, Ft.	200.1
Total Head, Ft.	201.9
Capacity, GPM	938.0
GPM per Ft. Drawdown	29.5
Acre Ft. Pumped in 24 Hrs.	4.146
kW Input to Motor	61.1
HP Input to Motor	81.9
Motor Load (%)	122.9
Measured Speed of Pump, RPM	1786
kWh per Acre Ft.	354
Overall Plant Efficiency (%)	58.4

DAN JOHNSON
Manager
Hydraulic Services

15,75 gals per 1 hs pump

1575
60|938
60
338
300
380
350
300

42060 10th St. W.
Lancaster, CA 93534

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October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 60 - PLANT: WEST WELL #3
CUST #: 0-006-1729 SERV ACCT #: 003-6970-34
HYDRAULIC TEST REFERENCE NUMBER: 2579

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed October 2, 2001 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY
TOU-PA-SOP
Current Rate

Total kWh	184572
kW Input	61.1
kWh per Acre Ft.	354
Acre Ft. per Year	521.7
Avg. Cost per kWh	$0.07
Avg. Cost per Acre Ft.	$23.02
Overall Plant Eff. (%)	58.4
TOTAL ANNUAL COST	$12,010.28

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pump efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

DAN JOHNSON
Manager
Hydraulic Services

125

125
415 521.7
415
1067
830
2370
207

42060 10th St. W.
Lancaster, CA 93534

SOUTHERN CALIFORNIA EDISON
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CONFIDENTIAL/PROPRIETARY INFORMATION

October 5, 2001

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 60 - PLANT: WEST WELL #3
CUST #: 0-006-1729 SERV ACCT #: 003-6970-34
HYDRAULIC TEST REFERENCE NUMBER: 2579

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed October 2, 2001 and billing history for the past 12 months.

It is recommended and assumed that:
1. Overall plant efficiency can be improved to 70.0%.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	184572	153901	30671
kW Input	61.1	50.9	10.2
kWh per Acre Ft.	354	295	59
Acre Ft. per Year	521.7	521.7	
Avg. Cost per kWh	$0.07		
Avg. Cost per Acre Ft.	$23.02	$19.19	$3.83
Overall Plant Eff. (%)	58.4	70.0	
TOTAL ANNUAL COST	$12,010.28	$10,014.50	$1,995.79

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

DAN JOHNSON
Manager
Hydraulic Services

42060 10th St. W.
Lancaster, CA 93534

2002

SOUTHERN CALIFORNIA EDISON®
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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

HYDRAULIC TEST RESULTS, Plant:NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 3412M-7140 Pump Ref.#: 2580

In accordance with your request, an energy efficiency test was performed on your turbine well pump on September 25, 2002. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

Equipment

Pump: AUROR No: 'V8472099
Motor: US No: 'R718303919

Discharge Pressure, PSI	1.0	11.5	19.4
Standing Water Level, Feet	152.7	152.7	152.7
Drawdown, Feet	34.0	29.5	25.5
Discharge Head, Feet	2.3	26.6	44.8
Pumping Water Level, Feet	186.7	182.2	178.2
Total Head, Feet	189.0	208.8	223.0
Capacity, GPM	325	294	227
GPM per Foot Drawdown	9.6	10.0	8.9
Acre Feet Pumped in 24 Hours	1.437	1.299	1.003
kW Input to Motor	24.8	24.0	23.1
HP Input to Motor	33.3	32.2	31.0
Motor Load (%)	98.1	94.9	91.4
Measured Speed of Pump, RPM	1,760		
kWh per Acre Foot	414	443	.553
Overall Plant Efficiency (%)	46.6	48.2	41.3

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: 'NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust#: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 3412M-7140 Pump Ref.#: 2680

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on September 25, 2002, billing history for the past 12 months, and your current rate of TOU-PA-A.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 46.6% to 65.0%.
2. This can save you up to 5,206 kWh and $635.14 annually.
3. These kWh savings translate to a 2.3-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	18,432	13,226	5,206
kW Input	24.8	17.8	7.0
kWh per Acre Foot	414	297	117
Acre Feet per Year	44.5		
Average Cost per kWh	$0.12		
Average Cost per Acre Foot	$50.56	$36.28	$14.28
Overall Plant Efficiency (%)	46.6	65.0	
Total Annual Cost	$2,248.74	$1,613.60	$635.14

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum energy efficiency will be continued. If you have any questions regarding this report, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

SOUTHERN CALIFORNIA EDISON®
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CONFIDENTIAL/PROPRIETARY INFORMATION

September 30, 2002

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - EAST WELL #2
E/S 30TH W S/O AVE A
CUST #: 0-000-2633 SERV ACCT #: 014-8034-41
DATE OF TEST: September 25, 2002

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: D18009
MOTOR: US NO: H1019392 50 HP
METER: 732K-1194
HYDRAULIC TEST REFERENCE NUMBER: 2578

TEST RESULTS

Discharge Pressure, PSI	1.5
Standing Water Level, Ft.	131.6
Drawdown, Ft.	40.1
Discharge Head, Ft.	3.5
Pumping Water Level, Ft.	171.7
Total Head, Ft.	175.2
Capacity, GPM	719.0
GPM per Ft. Drawdown	17.9
Acre Ft. Pumped in 24 Hrs.	3.178
kW Input to Motor	42.5
HP Input to Motor	57.0
Motor Load (%)	102.6
Measured Speed of Pump, RPM	1,773
kWh per Acre Ft.	321
Overall Plant Efficiency (%)	55.8

Dan L. Johnson

DAN L. JOHNSON
Manager
Hydraulic Services

42060 10th St. W.
Lancaster, CA 93534-7002

SOUTHERN CALIFORNIA EDISON®
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CONFIDENTIAL/PROPRIETARY INFORMATION

September 30, 2002

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed September 25, 2002 and billing history for the past 12 months.

It is recommended and assumed that:
1. Overall plant efficiency can be improved to 70.0%.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	139,200	110,992	28,208
kW Input	42.5	33.9	8.6
kWh per Acre Ft.	321	256	65
Acre Ft. per Year	433.6	433.6	
Avg. Cost per kWh	$0.09		
Avg. Cost per Acre Ft.	$28.18	$22.47	$5.71
Overall Plant Eff. (%)	55.8	70.0	
TOTAL ANNUAL COST	$12,219.53	$9,743.31	$2,476.22

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

42060 10th St. W.
Lancaster, CA 93534-7002

SOUTHERN CALIFORNIA EDISON®
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CONFIDENTIAL/PROPRIETARY INFORMATION

September 30, 2002

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed September 25, 2002 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY
TOU-PA-SOP
Current Rate

Total kWh	139,200
kW Input	42.5
kWh per Acre Ft.	321
Acre Ft. per Year	433.6
Avg. Cost per kWh	$0.09
Avg. Cost per Acre Ft.	$28.18
Overall Plant Eff. (%)	55.8
TOTAL ANNUAL COST	$12,219.53

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pump efficiency will be continued.

If you have any questions, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

42060 10th St. W.
Lancaster, CA 93534-7002

SOUTHERN CALIFORNIA EDISON®
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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: 'WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on September 26, 2002, billing history for the past 12 months, and your current rate of TOU-P-S-1-AP.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 58.8% to 70.0%.
2. This can save you up to 29,735 kWh and $2,954.26 annually.
3. These kWh savings translate to a 13-ton decrease in CO_2 emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	186,456	156,721	29,735
kW Input	60.7	51.0	9.7
kWh per Acre Foot	324	272	52
Acre Feet per Year	575.8		
Average Cost per kWh	$0.10		
Average Cost per Acre Foot	$32.17	$27.04	$5.13
Overall Plant Efficiency (%)	58.8	70.0	
Total Annual Cost	$18,524.78	$15,570.51	$2,954.26

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum energy efficiency will be continued. If you have any questions regarding this report, please contact GARY PARDUE at (661)726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
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October 19, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

HYDRAULIC TEST RESULTS, Plant'WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

In accordance with your request, an energy efficiency test was performed on your turbine well pump on September 26, 2002. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

Equipment

Pump:	L & B	No:	'21847
Motor:	US	No:	'1025182

Discharge Pressure, PSI	.2
Standing Water Level, Feet	144.1
Drawdown, Feet	41.7
Discharge Head, Feet	.5
Pumping Water Level, Feet	185.8
Total Head, Feet	186.3
Capacity, GPM	1,018
GPM per Foot Drawdown	24.4
Acre Feet Pumped in 24 Hours	4.500
kW Input to Motor	60.7
HP Input to Motor	81.4
Motor Load (%)	122.1
Measured Speed of Pump, RPM	1,776
kWh per Acre Foot	324
Overall Plant Efficiency (%)	58.8

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2003

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - NORTH WELL #1
35TH ST W N/S AVE A
CUST #: 0-006-1729 - SERV ACCT #: 003-4220-09
DATE OF TEST: August 27, 2003

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT
PUMP: AUROR NO: V8472099
MOTOR: US NO: R718303919 30 HP
METER: 732M-54
HYDRAULIC TEST REFERENCE NUMBER: 2580

TEST RESULTS	TEST 1	TEST 2	TEST 3
Discharge Pressure, PSI	1.1	11.6	19.8
Standing Water Level, Ft.	155.9	155.9	155.9
Drawdown, Ft.	33.2	28.5	24.4
Discharge Head, Ft.	2.5	26.8	45.7
Pumping Water Level, Ft.	189.1	184.4	180.3
Total Head, Ft.	191.6	211.2	226.0
Capacity, GPM	357.0	313.0	277.0
GPM per Ft. Drawdown	10.8	11.0	11.4
Acre Ft. Pumped in 24 Hrs.	1.578	1.383	1.224
kW Input to Motor	24.6	23.6	23.0
HP Input to Motor	33.0	31.6	30.8
Motor Load (%)	97.3	93.4	91.0
Measured Speed of Pump, RPM	1,759		
kWh per Acre Ft.	374	409	451
Overall Plant Efficiency (%)	52.4	52.7	51.3

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 30 - PLANT: NORTH WELL #1
CUST #: 0-006-1729 - SERV ACCT #: 003-4220-09
HYDRAULIC TEST REFERENCE NUMBER: 2580

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 27, 2003 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY

	PA-1 Current Rate
Total kWh	12,948
kW Input	24.6
kWh per Acre Ft.	374
Acre Ft. per Year	34.6
Avg. Cost per kWh	$0.15
Avg. Cost per Acre Ft.	$54.39
Overall Plant Eff. (%)	52.4
TOTAL ANNUAL COST	$1,881.78

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact GARY PARDUE at (661)726-5662.

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS - HP: 30 - PLANT: NORTH WELL #1
CUST #: 0-006-1729 - SERV ACCT #: 003-4220-09
HYDRAULIC TEST REFERENCE NUMBER: 2580

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 27, 2003 and billing history for the past 12 months.

It is recommended and assumed that:

1. Overall plant efficiency can be improved from 52.4% to 65.0%. These improvements can save you up to 2,518 kWh annually.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY PA-1 Current Rate	IMPROVED PLANT EFFICIENCY PA-1 Current Rate	Savings
Total kWh	12,948	10,430	2,518
kW Input	24.6	19.8	4.8
kWh per Acre Ft.	374	301	73
Acre Ft. per Year	34.6	34.6	
Avg. Cost per kWh	$0.15		
Avg. Cost per Acre Ft.	$54.39	$43.81	$10.58
Overall Plant Eff. (%)	52.4	65.0	
TOTAL ANNUAL COST	$1,881.78	$1,515.86	$365.92

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact GARY PARDUE at (661)726-5662.

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - EAST WELL #2
E/S 30TH W S/O AVE A
CUST #: 0-000-2633 - SERV ACCT #: 014-8034-41
DATE OF TEST: August 27, 2003

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: D18009
MOTOR: US NO: H1019392 50 HP
METER: 732K-1194
HYDRAULIC TEST REFERENCE NUMBER: 2578

TEST RESULTS

Discharge Pressure, PSI	2.0
Standing Water Level, Ft.	133.4
Drawdown, Ft.	38.6
Discharge Head, Ft.	4.6
Pumping Water Level, Ft.	172.0
Total Head, Ft.	176.6
Capacity, GPM	714.0
GPM per Ft. Drawdown	18.5
Acre Ft. Pumped in 24 Hrs.	3.156
kW Input to Motor	42.4
HP Input to Motor	56.9
Motor Load (%)	102.3
Measured Speed of Pump, RPM	1,772
kWh per Acre Ft.	323
Overall Plant Efficiency (%)	56.0

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 - SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 27, 2003 and billing history for the past 12 months.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate
Total kWh	146,976
kW Input	42.4
kWh per Acre Ft.	323
Acre Ft. per Year	455.7
Avg. Cost per kWh	$0.09
Avg. Cost per Acre Ft.	$29.16
Overall Plant Eff. (%)	56.0
TOTAL ANNUAL COST	$13,288.96

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact GARY PARDUE at (661)726-5662.

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS - HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 - SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 27, 2003 and billing history for the past 12 months.

It is recommended and assumed that:
1. Overall plant efficiency can be improved from 56.0% to 70.0%. These improvements can save you up to 29,392 kWh annually.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	146,976	117,584	29,392
kW Input	42.4	33.9	8.5
kWh per Acre Ft.	323	258	64
Acre Ft. per Year	455.7	455.7	
Avg. Cost per kWh	$0.09		
Avg. Cost per Acre Ft.	$29.16	$23.33	$5.83
Overall Plant Eff. (%)	56.0	70.0	
TOTAL ANNUAL COST	$13,288.96	$10,631.44	$2,657.52

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact GARY PARDUE at (661) 726-5662.

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - WEST WELL #3
35TH W 1/4 S/O AVE A
CUST #: 0-006-1729 - SERV ACCT #: 003-6970-34
DATE OF TEST: August 28, 2003

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact GARY PARDUE at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: 21847
MOTOR: US NO: 1025182 60 HP
METER: 0728K-1297
HYDRAULIC TEST REFERENCE NUMBER: 2579

TEST RESULTS

Discharge Pressure, PSI	0.9
Standing Water Level, Ft.	148.3
Drawdown, Ft.	40.7
Discharge Head, Ft.	2.1
Pumping Water Level, Ft.	189.0
Total Head, Ft.	191.1
Capacity, GPM	962.0
GPM per Ft. Drawdown	23.6
Acre Ft. Pumped in 24 Hrs.	4.252
kW Input to Motor	60.7
HP Input to Motor	81.4
Motor Load (%)	122.1
Measured Speed of Pump, RPM	1,775
kWh per Acre Ft.	343
Overall Plant Efficiency (%)	57.0

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 60 - PLANT: WEST WELL #3
CUST #: 0-006-1729 - SERV ACCT #: 003-6970-34
HYDRAULIC TEST REFERENCE NUMBER: 2579

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 28, 2003 and billing history for the past 12 months.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate
Total kWh	187,980
kW Input	60.7
kWh per Acre Ft.	343
Acre Ft. per Year	548.6
Avg. Cost per kWh	$0.09
Avg. Cost per Acre Ft.	$31.45
Overall Plant Eff. (%)	57.0
TOTAL ANNUAL COST	$17,254.86

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact GARY PARDUE at (661)726-5662.

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August 31, 2003

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS - HP: 60 - PLANT: WEST WELL #3
CUST #: 0-006-1729 - SERV ACCT #: 003-6970-34
HYDRAULIC TEST REFERENCE NUMBER: 2579

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 28, 2003 and billing history for the past 12 months.

It is recommended and assumed that:
1. Overall plant efficiency can be improved from 57.0% to 70.0%. These improvements can save you up to 34,823 kWh annually.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	187,980	153,157	34,823
kW Input	60.7	49.5	11.2
kWh per Acre Ft.	343	279	63
Acre Ft. per Year	548.6	548.6	
Avg. Cost per kWh	$0.09		
Avg. Cost per Acre Ft.	$31.45	$25.63	$5.83
Overall Plant Eff. (%)	57.0	70.0	
TOTAL ANNUAL COST	$17,254.86	$14,058.42	$3,196.44

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact GARY PARDUE at (661) 726-5662.

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2004

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CONFIDENTIAL/PROPRIETARY INFORMATION

August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - NORTH WELL #1
35TH ST W N/S AVE A
CUST #: 0-006-1729 - SERV ACCT #: 003-4220-09
DATE OF TEST: August 24, 2004

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact RICK KOCH at (661)726-5662.

EQUIPMENT

PUMP: AUROR NO: V8472099
MOTOR: US NO: R718303919 30 HP
METER: 732M-54
HYDRAULIC TEST REFERENCE NUMBER: 2580

TEST RESULTS	TEST 1	TEST 2	TEST 3
Discharge Pressure, PSI	7.0	12.9	22.6
Standing Water Level, Ft.	147.6	147.6	147.6
Drawdown, Ft.	34.6	29.8	25.1
Discharge Head, Ft.	16.2	29.8	52.2
Pumping Water Level, Ft.	182.2	177.4	172.7
Total Head, Ft.	198.4	207.2	224.9
Capacity, GPM	328.0	295.0	270.0
GPM per Ft. Drawdown	9.5	9.9	10.8
Acre Ft. Pumped in 24 Hrs.	1.450	1.304	1.193
kW Input to Motor	25.0	24.4	23.3
HP Input to Motor	33.5	32.7	31.2
Motor Load (%)	98.9	96.5	92.2
Measured Speed of Pump, RPM	1,760		
kWh per Acre Ft.	414	449	469
Overall Plant Efficiency (%)	49.0	47.2	49.1

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

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August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 30 - PLANT: NORTH WELL #1
CUST #: 0-006-1729 - SERV ACCT #: 003-4220-09
HYDRAULIC TEST REFERENCE NUMBER: 2580

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 24, 2004 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY
PA-1
Current Rate

Total kWh	13,572
kW Input	25.0
kWh per Acre Ft.	414
Acre Ft. per Year	32.8
Avg. Cost per kWh	$0.11
Avg. Cost per Acre Ft.	$46.53
Overall Plant Eff. (%)	49.0
TOTAL ANNUAL COST	$1,525.61

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact RICK KOCH at (661) 726-5662.

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Ventura, CA 93004

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August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS - HP: 30 - PLANT: NORTH WELL #1
CUST #: 0-006-1729 - SERV ACCT #: 003-4220-09
HYDRAULIC TEST REFERENCE NUMBER: 2580

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 24, 2004 and billing history for the past 12 months.

It is recommended and assumed that:

1. Overall plant efficiency can be improved from 49.0% to 65.0%. These improvements can save you up to 3,337 kWh annually.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY PA-1 Current Rate	IMPROVED PLANT EFFICIENCY PA-1 Current Rate	Savings
Total kWh	13,572	10,235	3,337
kW Input	25.0	18.9	6.1
kWh per Acre Ft.	414	312	102
Acre Ft. per Year	32.8	32.8	
Avg. Cost per kWh	$0.11		
Avg. Cost per Acre Ft.	$46.53	$35.09	$11.44
Overall Plant Eff. (%)	49.0	65.0	
TOTAL ANNUAL COST	$1,525.61	$1,150.49	$375.12

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact RICK KOCH at (661) 726-5662.

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August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - EAST WELL #2
E/S 30TH W S/O AVE A
CUST #: 0-000-2633 - SERV ACCT #: 014-8034-41
DATE OF TEST: August 23, 2004

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact RICK KOCH at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: D18009
MOTOR: US NO: H1019392 50 HP
METER: 732K-1194
HYDRAULIC TEST REFERENCE NUMBER: 2578

TEST RESULTS

Discharge Pressure, PSI	0.9
Standing Water Level, Ft.	127.8
Drawdown, Ft.	40.0
Discharge Head, Ft.	2.1
Pumping Water Level, Ft.	167.8
Total Head, Ft.	169.9
Capacity, GPM	676.0
GPM per Ft. Drawdown	16.9
Acre Ft. Pumped in 24 Hrs.	2.988
kW Input to Motor	42.0
HP Input to Motor	56.3
Motor Load (%)	101.4
Measured Speed of Pump, RPM	1,773
kWh per Acre Ft.	337
Overall Plant Efficiency (%)	51.5

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August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS
HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 - SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 23, 2004 and billing history for the past 12 months.

EXISTING PLANT EFFICIENCY
TOU-PA-SOP1
Current Rate

Total kWh	157,248
kW Input	42.0
kWh per Acre Ft.	337
Acre Ft. per Year	466.0
Avg. Cost per kWh	$0.07
Avg. Cost per Acre Ft.	$22.84
Overall Plant Eff. (%)	51.5
TOTAL ANNUAL COST	$10,645.69

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact RICK KOCH at (661) 326-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

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Ventura, CA 93004

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August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS - HP: 50 - PLANT: EAST WELL #2
CUST #: 0-000-2633 - SERV ACCT #: 014-8034-41
HYDRAULIC TEST REFERENCE NUMBER: 2578

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 23, 2004 and billing history for the past 12 months.

It is recommended and assumed that:

1. Overall plant efficiency can be improved from 51.5% to 70.0%. These improvements can save you up to 41,569 kWh annually.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	157,248	115,679	41,569
kW Input	42.0	30.9	11.1
kWh per Acre Ft.	337	248	89
Acre Ft. per Year	466.0	466.0	
Avg. Cost per kWh	$0.07		
Avg. Cost per Acre Ft.	$22.84	$16.80	$6.04
Overall Plant Eff. (%)	51.5	70.0	
TOTAL ANNUAL COST	$10,645.69	$7,831.46	$2,814.23

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact RICK KOCH at (661) 726-9662.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Rd.
Ventura, CA 93004

SOUTHERN CALIFORNIA EDISON

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SOUTHERN CALIFORNIA EDISON

CONFIDENTIAL/PROPRIETARY INFORMATION

August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: HYDRAULIC TEST RESULTS - WEST WELL #3
3310 W AVENUE A
CUST #: 0-006-1729 - SERV ACCT #: 003-6970-34
DATE OF TEST: August 24, 2004

In accordance with your request, a test was made on your turbine well pump on the date listed above. If you have any questions regarding the results which follow, please contact RICK KOCH at (661)726-5662.

EQUIPMENT

PUMP: L & B NO: 21847
MOTOR: US NO: 1025182 60 HP
METER: 0728K-1297
HYDRAULIC TEST REFERENCE NUMBER: 2579

TEST RESULTS	TEST 1	TEST 2
Discharge Pressure, PSI	0.9	44.0
Standing Water Level, Ft.	141.8	141.8
Drawdown, Ft.	39.6	22.1
Discharge Head, Ft.	2.1	101.6
Pumping Water Level, Ft.	181.4	163.9
Total Head, Ft.	183.5	265.5
Capacity, GPM	878.0	322.0
GPM per Ft. Drawdown	22.2	14.6
Acre Ft. Pumped in 24 Hrs.	3.881	1.423
kW Input to Motor	60.7	52.0
HP Input to Motor	81.4	69.7
Motor Load (%)	122.1	104.6
Measured Speed of Pump, RPM	1,777	
kWh per Acre Ft.	375	877
Overall Plant Efficiency (%)	50.0	31.0

The above test results indicate various operating conditions of this pump. Test #1 the pump was running slightly throttled. Test #2 the pump was filling the domestic reservoir.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Rd.
Ventura, CA 93004

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CONFIDENTIAL/PROPRIETARY INFORMATION

August 27, 2004

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

SUBJECT: PUMPING COST ANALYSIS - HP: 60 - PLANT: WEST WELL #3
CUST #: 0-006-1729 - SERV ACCT #: 003-6970-34
HYDRAULIC TEST REFERENCE NUMBER: 2579

The following Pumping Cost Analysis is presented as an aid to your cost accounting. This analysis is an estimate prepared from operating criteria supplied from the Edison Pump Test performed August 24, 2004 and billing history for the past 12 months.

It is recommended and assumed that:

1. Overall plant efficiency can be improved from 50.0% to 70.0%. These improvements can save you up to 55,684 kWh annually.
2. Water requirements will be the same as for the past year.
3. All operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test.

	EXISTING PLANT EFFICIENCY TOU-PA-SOP Current Rate	IMPROVED PLANT EFFICIENCY TOU-PA-SOP Current Rate	Savings
Total kWh	194,724	139,040	55,684
kW Input	60.7	43.3	17.4
kWh per Acre Ft.	375	268	107
Acre Ft. per Year	518.6	518.6	
Avg. Cost per kWh	$0.07		
Avg. Cost per Acre Ft.	$25.44	$18.16	$7.27
Overall Plant Eff. (%)	50.0	70.0	
TOTAL ANNUAL COST	$13,192.55	$9,419.95	$3,772.60

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued.

If you have any additional questions regarding this report, please contact RICK KOCH at (661) 726-5662.

DAN L. JOHNSON
Manager
Hydraulic Services

10180 Telegraph Rd.
Ventura, CA 93004

2011

SOUTHERN CALIFORNIA EDISON®
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December 23, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 3412M-7140 Pump Ref.#: 2580

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on December 22, 2011, billing history for the past 12 months, and your current rate of TOU-PA-A.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 36.1% to 61.0%.
2. This can save you up to 2,350 kWh and $1,667.34 annually.
3. These kWh savings translate to a 1.0-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	**5,760**	**3,410**	**2,350**
kW Input	**26.0**	**15.4**	**10.6**
kWh per Acre Foot	**501**	**296**	**204**
Acre Feet per Year	**11.5**		
Average Cost per kWh	**$0.71**		
Average Cost per Acre Foot	**$355.23**	**$210.29**	**$144.94**
Overall Plant Efficiency (%)	**36.1**	**61.0**	
Total Annual Cost	**$4,086.37**	**$2,419.04**	**$1,667.34**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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Save Energy, Save Money. . . Your test results show that you can!

December 23, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 3412M-7140 Pump Ref.#: 2580

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on December 22, 2011. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	**5,760**	**3,410**	**2,350**	**$211.52**
kW Input	**26.0**	**15.4**	**10.6**	
kW on-peak activity factor *			**6.9**	**$689.56**
Acre Feet per Year	**11.5**			
kWh per Acre Foot	**501**	**296**	**204**	
Average Cost per Acre Foot	**$355.23**	**$210.29**	**$144.94**	
Overall Plant Efficiency (%)	**36.1**	**61.0**		
Annual Total	**$4,086.37**	**$2,419.04**	**$1,667.34**	**$901.08**

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 10.6 kW, and the savings used for incentive calculations is 65% of 10.6, or 6.9 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be **improved from 36.1% to 61.0%.**
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-A, we estimate that you may save up to 2,350 kWh annually (which translates to a 1.0-ton decrease in CO_2 emissions). This may result in **energy cost savings of $1,667.34.**
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of $0.09 per kWh and $100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a **Potential Cash Incentive of $901.08**, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **CHRISTIAN TORRES at (626)633-9954** to complete a project application. All applicants must receive a **written approval authorization before** implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit **www.sce.com/rebatesandsavings,** or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison

SOUTHERN CALIFORNIA EDISON®
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December 23, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: EAST WELL #2
Location: E/S 30TH W S/O AVE A HP: 50
Cust #: 0-000-2633 Serv. Acct. #: 014-8034-41
Meter: 3412M-6681 Pump Ref.#: 2578

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on December 22, 2011, billing history for the past 12 months, and your current rate of TOU-PA-SOP-1.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 55.0% to 65.0%.
2. This can save you up to 24,753 kWh and $2,419.63 annually.
3. These kWh savings translate to a 11-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	**160,392**	**135,639**	**24,753**
kW Input	**42.6**	**36.0**	**6.6**
kWh per Acre Foot	**340**	**287**	**52**
Acre Feet per Year	**472.1**		
Average Cost per kWh	**$0.10**		
Average Cost per Acre Foot	**$33.21**	**$28.08**	**$5.13**
Overall Plant Efficiency (%)	**55.0**	**65.0**	
Total Annual Cost	**$15,678.32**	**$13,258.68**	**$2,419.63**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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December 23, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: EAST WELL #2
Location: E/S 30TH W S/O AVE A HP: 50
Cust #: 0-000-2633 Serv. Acct. #: 014-8034-41
Meter: 3412M-6681 Pump Ref.#: 2578

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on December 22, 2011. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	**160,392**	**135,639**	**24,753**	**$2,227.80**
kW Input	**42.6**	**36.0**	**6.6**	
kW on-peak activity factor *			**4.3**	**$427.34**
Acre Feet per Year	**472.1**			
kWh per Acre Foot	**340**	**287**	**52**	
Average Cost per Acre Foot	**$33.21**	**$28.08**	**$5.13**	
Overall Plant Efficiency (%)	**55.0**	**65.0**		
Annual Total	**$15,678.32**	**$13,258.68**	**$2,419.63**	**$2,655.14**

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 6.6 kW, and the savings used for incentive calculations is 65% of 6.6, or 4.3 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be **improved from 55.0% to 65.0%.**
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-SOP-1, we estimate that you may save up to 24,753 kWh annually (which translates to a 11-ton decrease in CO_2 emissions). This may result in **energy cost savings of $2,419.63.**
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of $0.09 per kWh and $100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a **Potential Cash Incentive of $2,655.14,** capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **KRISTINA L LUNA at (909)873-7964** to complete a project application. All applicants must receive a **written approval authorization before** implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit **www.sce.com/rebatesandsavings,** or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison

SOUTHERN CALIFORNIA EDISON®
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December 23, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on December 22, 2011, billing history for the past 12 months, and your current rate of TOU-P-S-1-AP.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 53.8% to 65.0%.
2. This can save you up to 28,826 kWh and $3,035.39 annually.
3. These kWh savings translate to a 13-ton decrease in CO_2 emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	166,788	137,962	28,826
kW Input	59.4	49.1	10.3
kWh per Acre Foot	356	295	62
Acre Feet per Year	467.9		
Average Cost per kWh	$0.11		
Average Cost per Acre Foot	$37.53	$31.05	$6.49
Overall Plant Efficiency (%)	53.8	65.0	
Total Annual Cost	$17,562.78	$14,527.39	$3,035.39

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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December 23, 2011

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on December 22, 2011. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	166,788	137,962	28,826	$2,594.35
kW Input	59.4	49.1	10.3	
kW on-peak activity factor *			6.7	$667.30
Acre Feet per Year	467.9			
kWh per Acre Foot	356	295	62	
Average Cost per Acre Foot	$37.53	$31.05	$6.49	
Overall Plant Efficiency (%)	53.8	65.0		
Annual Total	$17,562.78	$14,527.39	$3,035.39	$3,261.65

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 10.3 kW, and the savings used for incentive calculations is 65% of 10.3, or 6.7 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Effiiciency:** Your OPE can be **improved from 53.8% to 65.0%.**
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-P-S-1-AP, we estimate that you may save up to 28,826 kWh annually (which translates to a 13-ton decrease in CO_2 emissions). This may result in **energy cost savings of $3,035.39.**
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of $0.09 per kWh and $100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a **Potential Cash Incentive of $3,261.65,** capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **CHRISTIAN TORRES at (626)633-9954** to complete a project application. All applicants must receive a **written approval authorization before** implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit **www.sce.com/rebatesandsavings,** or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison

2012

SOUTHERN CALIFORNIA EDISON®
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October 26, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 254000-016403 Pump Ref.#: 2580

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on October 22, 2012, billing history for the past 12 months, and your current rate of PA-1.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 37.3% to 61.0%.
2. This can save you up to 2,041 kWh and $969.98 annually.
3. These kWh savings translate to a 0.9-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	**5,256**	**3,215**	**2,041**
kW Input	**24.7**	**15.1**	**9.6**
kWh per Acre Foot	**508**	**311**	**197**
Acre Feet per Year	**10.3**		
Average Cost per kWh	**$0.48**		
Average Cost per Acre Foot	**$241.51**	**$147.74**	**$93.77**
Overall Plant Efficiency (%)	**37.3**	**61.0**	
Total Annual Cost	**$2,498.23**	**$1,528.25**	**$969.98**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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October 26, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: NORTH WELL #1
Location: 35TH ST W N/S AVE A HP: 30
Cust #: 0-006-1729 Serv. Acct. #: 003-4220-09
Meter: 254000-016403 Pump Ref.#: 2580

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on October 22, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	5,256	3,215	2,041	$183.67
kW Input	24.7	15.1	9.6	
kW on-peak activity factor *			6.2	$623.36
Acre Feet per Year	10.3			
kWh per Acre Foot	508	311	197	
Average Cost per Acre Foot	$241.51	$147.74	$93.77	
Overall Plant Efficiency (%)	37.3	61.0		
Annual Total	$2,498.23	$1,528.25	$969.98	$807.03

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 9.6 kW, and the savings used for incentive calculations is 65% of 9.6, or 6.2 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be **improved from 37.3% to 61.0%.**
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of PA-1, we estimate that you may save up to 2,041 kWh annually (which translates to a 0.9-ton decrease in CO_2 emissions). This may result in **energy cost savings of $969.98.**
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of $0.09 per kWh and $100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a **Potential Cash Incentive of $807.03**, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **CHRISTIAN TORRES at (626)633-9954** to complete a project application. All applicants must receive a **written approval authorization before** implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit **www.sce.com/rebatesandsavings,** or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison

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October 26, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: EAST WELL #2
Location: E/S 30TH W S/O AVE A HP: 50
Cust #: 0-000-2633 Serv. Acct. #: 014-8034-41
Meter: 3412M-6681 Pump Ref.#: 2578

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on October 22, 2012, billing history for the past 12 months, and your current rate of TOU-PA-SOP-1.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 54.9% to 65.0%.
2. This can save you up to 26,123 kWh and $2,418.17 annually.
3. These kWh savings translate to a 11-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	**167,388**	**141,265**	**26,123**
kW Input	**43.1**	**36.4**	**6.7**
kWh per Acre Foot	**356**	**301**	**56**
Acre Feet per Year	**469.8**		
Average Cost per kWh	**$0.09**		
Average Cost per Acre Foot	**$32.98**	**$27.83**	**$5.15**
Overall Plant Efficiency (%)	**54.9**	**65.0**	
Total Annual Cost	**$15,495.11**	**$13,076.94**	**$2,418.17**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

SOUTHERN CALIFORNIA EDISON®
An EDISON INTERNATIONAL® Company

Save Energy, Save Money. . . Your test results show that you can!

October 26, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: EAST WELL #2
Location: E/S 30TH W S/O AVE A HP: 50
Cust #: 0-000-2633 Serv. Acct. #: 014-8034-41
Meter: 3412M-6681 Pump Ref.#: 2578

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on October 22, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	**167,388**	**141,265**	**26,123**	**$2,351.03**
kW Input	**43.1**	**36.4**	**6.7**	
kW on-peak activity factor *			**4.4**	**$437.20**
Acre Feet per Year	**469.8**			
kWh per Acre Foot	**356**	**301**	**56**	
Average Cost per Acre Foot	**$32.98**	**$27.83**	**$5.15**	
Overall Plant Efficiency (%)	**54.9**	**65.0**		
Annual Total	**$15,495.11**	**$13,076.94**	**$2,418.17**	**$2,788.24**

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 6.7 kW, and the savings used for incentive calculations is 65% of 6.7, or 4.4 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be **improved from 54.9% to 65.0%.**
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-SOP-1, we estimate that you may save up to 26,123 kWh annually (which translates to a 11-ton decrease in CO_2 emissions). This may result in **energy cost savings of $2,418.17.**
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of $0.09 per kWh and $100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a **Potential Cash Incentive of $2,788.24**, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **Veronica Diaz at (626)812-7670** to complete a project application. All applicants must receive a **written approval authorization before** implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit **www.sce.com/rebatesandsavings**, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison

SOUTHERN CALIFORNIA EDISON®
An EDISON INTERNATIONAL® Company

Confidential/Proprietary Information

October 26, 2012

ATTN: ED WOPSCHALL
WAGAS LAND COMPANY
4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on October 22, 2012, billing history for the past 12 months, and your current rate of TOU-P-S-1-AP.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 56.2% to 65.0%.
2. This can save you up to 27,867 kWh and $2,564.34 annually.
3. These kWh savings translate to a 12-ton decrease in CO_2 emissions.

		Plant Efficiency	
	Existing	Improved	Savings
Total kWh	**204,780**	**176,913**	**27,867**
kW Input	**60.7**	**52.4**	**8.3**
kWh per Acre Foot	**382**	**330**	**52**
Acre Feet per Year	**536.7**		
Average Cost per kWh	**$0.09**		
Average Cost per Acre Foot	**$35.11**	**$30.33**	**$4.78**
Overall Plant Efficiency (%)	**56.2**	**65.0**	
Total Annual Cost	**$18,843.86**	**$16,279.52**	**$2,564.34**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services

10180 Telegraph Road
Ventura, CA 93004

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October 26, 2012

ATTN: ED WOPSCHALL
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4906 INDIANOLA WAY
LA CANADA, CA 91011-2650

PUMPING COST ANALYSIS, Plant: WEST WELL #3
Location: 3310 W AVENUE A HP: 60
Cust #: 0-006-1729 Serv. Acct. #: 003-6970-34
Meter: 3416M-7011 Pump Ref.#: 2579

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on October 22, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	**204,780**	**176,913**	**27,867**	**$2,508.05**
kW Input	**60.7**	**52.4**	**8.3**	
kW on-peak activity factor *			**5.4**	**$536.92**
Acre Feet per Year	**536.7**			
kWh per Acre Foot	**382**	**330**	**52**	
Average Cost per Acre Foot	**$35.11**	**$30.33**	**$4.78**	
Overall Plant Efficiency (%)	**56.2**	**65.0**		
Annual Total	**$18,843.86**	**$16,279.52**	**$2,564.34**	**$3,044.96**

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 8.3 kW, and the savings used for incentive calculations is 65% of 8.3, or 5.4 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be **improved from 56.2% to 65.0%.**
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-P-S-1-AP, we estimate that you may save up to 27,867 kWh annually (which translates to a 12-ton decrease in CO_2 emissions). This may result in **energy cost savings of $2,564.34.**
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of $0.09 per kWh and $100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a **Potential Cash Incentive of $3,044.96**, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **CHRISTIAN TORRES** at **(626)633-9954** to complete a project application. All applicants must receive a **written approval authorization** before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit **www.sce.com/rebatesandsavings,** or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison

Program funded by California utility ratepayers, and administered by Southern California Edison under the auspices of the California Public Utilities Commission.
10180 Telegraph Road
Ventura, CA 93004

LAW OFFICES OF
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~~EXHIBIT "J"~~

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~~EXHIBIT "K"~~

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~~EXHIBIT "L"~~

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RIVERSIDE, CALIFORNIA 92502

~~EXHIBIT "M"~~

Appendix D-3: Table 4
Applied Crop Water Duties and Irrigation Efficiency Values
(DU = 80%)
Antelope Valley Area of Adjudication

Crop	ET_c[1] (in)	P_e[2] (in)	ET_{AW}[3] (in)	DU[4] (%)	AW_c[5] (in)	AW_{er}[6] (in)	AW_{pr}[7] (in)	AW_T[8] (in)	(ft)	E_{ir}[9] (%)
Alfalfa	62.10	1.77	60.33	80	75.42	0	2.0	77.42	6.5	81
Carrots	27.47	0.00	27.47	80	34.33	6	6.5	46.83	3.9	85
Grain	22.94	1.42	21.52	80	26.90	0	4.0	30.90	2.6	83
Melons/Squash	23.91	0.00	23.91	80	29.88	0	4.0	33.88	2.8	82
Onions	37.57	0.00	37.57	80	46.96	3	4.0	53.96	4.5	83
Orchard (Deciduous)	47.38	0.00	47.38	80	59.22	0	0.0	59.22	4.9	80
Pasture	66.19	1.77	64.42	80	80.53	0	0.0	80.53	6.7	80
Potatoes	24.02	0.00	24.02	80	30.03	0	4.0	34.03	2.8	82
Silage	27.31	0.00	27.31	80	34.14	0	4.0	38.14	3.2	82
Sugar Beets	40.55	0.00	40.55	80	50.68	0	4.0	54.68	4.6	81
Vineyard (Grapes)	35.33	0.00	35.33	80	44.16	0	0.0	44.16	3.7	80

[1] $ET_c = K_c * ET_o$ where ET_o = average ET_o for specified periods, based on data from Victorville CIMIS Station, 1984-2003); K_c values from Univ. California Cooperative Extension
[2] P_e = effective precipitation offsetting ET_c, up to 1/2 of the average precipitation, in Dec. - Feb., inclusive
[3] ET_{AW} = evapotranspiration of applied water = $ET_c - P_e$
[4] DU = irrigation distribution uniformity
[5] AW_c = applied water for crop requirement = $ET_{AW} \div DU$
[6] AW_{er} = applied water for erosion control
[7] AW_{pr} = applied water for field preparation and pre-irrigation
[8] AW_T = applied crop water duty = $AW_c + AW_{er} + Aw_{pr}$
[9] E_{ir} = overall irrigation efficiency for beneficial uses = $(ET_{AW} + AW_{er} + AW_{pr}) \div AW_T$

EXHIBIT "N"

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P.O. BOX 1028
RIVERSIDE, CALIFORNIA 92502

~~EXHIBIT "O"~~

PROOF OF SERVICE

STATE OF CALIFORNIA, COUNTY OF LOS ANGELES

I am over the age of eighteen and not a party to the within action. I am employed by Hanna and Morton LLP in the County of Los Angeles, State of California. My business address is 444 South Flower Street, Suite 1500, Los Angeles, CA 90071-2916.

On January 29, 2013, I served the following document(s) in the *Antelope Valley Groundwater Adjudication* cases, JCCP No. 4408, described as: **DECLARATION OF EDWARD A. WOPSCHALL IN LIEU OF DEPOSITION TESTIMONY FOR PHASE 4 TRIAL**

on the interested parties in this action, by posting the document(s) listed above to the Santa Clara County Superior Court e-filing website (http://www.scefiling.org) under the Antelope Valley Groundwater matter pursuant to the Court's Order dated October 27, 2005.

Executed on January 29, 2013, at Los Angeles, California.

(STATE) I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Sylvia Cantos