ANTELOPE VALLEY GROUNDWATER ADJUDICATION PHASE VI TRIAL EXHIBIT: CAL-WATER 4-2 SEPTEMBER 28, 2015

LANCASTER
WELL PUMP TESTS

APRIL 2012

SOUTHERN CALIFORNIA An EDISON INTERNATIONAL® Company

Confidential/Proprietary Information

April 20, 2012

JOSE OJEDA CALIF. WATER SERVICE CO/ANTELOPE VALLEY 5015 W AVE L-14, #2 QUARTZ HILL, CA 93536

HYDRAULIC TEST RESULTS, Plant: WELL #1

Location: 2102 W AVE L

HP: 60

Cust #: 0-003-0047

000-0247-27

Meter: V349N-10724

Pump Ref.#:

Serv. Acct. #:

2716

In accordance with your request, an energy efficiency test was performed on your submersible well pump on April 17, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312,

Equipment

Pump:	N/A	No: NO PL	ATE
Motor:	FRANK	No: 27661	96020
Results		Test 1	Test 2
Discharge Pressure, I		11,2	29.7
Standing Water Level, Feet		327.8	327.8
Drawdown, Feet		11,5	9.5
Discharge Head, Feet		25.9	68.6
Pumping Water Level, Feet		339.3	337.3
Total Head, Feet		365,2	405.9
Capacity, GPM		288	249
GPM per Foot Drawdown		25.0	26.2
Acre Feet Pumped in 24 Hours		1.273	1,101
kW Input to Motor		46.8	45,3
HP Input to Motor		62.8	60.7
Motor Load (%)		87,9	85.0
Customer Meter, GPM		309	
kWh per Acre Foot	,	883	988
Overall Plant Efficiency (%)		42.3	42,0

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.

RUSS JOHNSON Manager Hydraulic Services

SOUTHERN CALIFORNIA An EDISON INTERNATIONAL Company

Confidential/Proprietary Information

April 20, 2012

JOSE ÓJEDA CALIF. WATER SERVICE CO/ANTELOPE VALLEY 5015 W AVE L-14, #2 QUARTZ HILL, CA 93536

HYDRAULIC TEST RESULTS, Plant: WELL #3

Location: 2102 W AVE L

Meter: V349N-10724

HP: 100

contact RICK KOCH at (805)654-7312.

Cust #: 0-003-0047

Serv. Acct, #: Pump Ref.#:

000-0247-27 21461

In accordance with your request, an energy efficiency test was performed on your turbine well pump on April 17, 2012. If you have any questions regarding the results which follow, please

Equipment

Pump:	N/A	No		
Motor:	US	No	: K06BF66MS26005	
Results		Test 1	Test 2	Test 3
Discharge Pressure, PSI		11.3	20.9	41.2
Standing Water Level, Feet		340.2	340.2	340.2
Drawdown, Feet		17.6	17.1	15,6
Discharge Head, Feet		26.1	48.3	95.2
Pumping Water Level, Feet		357.8	357.3	355.8
Total Head, Feet		383.9	405.6	451.0
Capacity, GPM		643	617	550
GPM per Foot Drawdown		36.5	36.1	35.3
Acre Feet Pumped in 24 Hours		2.842	2.727	2.431
kW Input to Motor		71.1	70.7	69,6
HP Input to Motor		95.3	94.8 -	93.3
Motor Load (%)		91.0	90.4	89,0
Measured Speed of Pump, RPM	•	1,787		
Customer Meter, GPM		680	•	
kWh per Acre Foot		601	622	687
Overall Plant Efficiency (%)		65,4	66.7	67.1

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.

RUSS JOHNSON Manager Hydraulic Services



Confidential/Proprietary Information

April 20, 2012

JOSE OJEDA CALIF, WATER SERVICE CO/ANTELOPE VALLEY 5015 W AVE L-14, #2 QUARTZ HILL, CA 93536

HYDRAULIC TEST RESULTS, Plant: WELL #1

N/A

Location: 2102 W AVE L

Pump:

HP: 60

Motor Load (%)

Customer Meter, GPM

Overall Plant Efficiency (%)

kWh per Acre Foot

Cust #: 0-003-0047

Serv. Acct. #:

000-0247-27

Meter:

V349N-10724

Pump Ref.#:

2716

No: NO PLATE

87,9

309

883

42,3

85.0

988

42,0

In accordance with your request, an energy efficiency test was performed on your submersible well pump on April 17, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment

Motor; FRANK	No: 276619	96020
Results	Test 1	Test 2
Discharge Pressure, PSI	11.2	29.7
Standing Water Level, Feet	327.8	327.8
Drawdown, Feet	11.5	9.5
Discharge Head, Feet	25.9	68.6
Pumping Water Level, Feet	339.3	337.3
Total Head, Feet	365.2	405.9
Capacity, GPM	288	249
GPM per Foot Drawdown	25.0	26.2
Acre Feet Pumped in 24 Hours	1.273	1,101
kW Input to Motor	46.8	45,3
HP Input to Motor	62.8	60.7

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.

RUSS JOHNSON Manager Hydraulic Services

SOUTHERN CALIFORNIA As EDISON INTERNATIONAL Company

Confidential/Proprietary Information

April 20, 2012

JOSE ÓJEDA CALIF. WATER SERVICE CO/ANTELOPE VALLEY 5015 W AVE L-14, #2 QUARTZ HILL, CA 93536

HYDRAULIC TEST RESULTS, Plant: WELL #3

Location: 2102 W AVE L

Cust #: 0-003-0047

Serv. Acct. #: 000-0247-27

Meter: V349N-10724

Pump Ref.#; 21461

In accordance with your request, an energy efficiency test was performed on your turbine well pump on April 17, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment

Pump: Motor:	N/A US		No: NO PLATE No: K06BF66MS26005	
Results		Test 1	Test 2	Test 3
Discharge Pressure, PSI Standing Water Level, Feet Drawdown, Feet Discharge Head, Feet Pumping Water Level, Feet Total Head, Feet Capacity, GPM GPM per Foot Drawdown Acre Feet Pumped in 24 Hours kW Input to Motor HP Input to Motor Motor Load (%)		11.3 340.2 17.6 26.1 357.8 383.9 643 36.5 2.842 71.1 95.3 91.0	20.9 340.2 17.1 48.3 357.3 405.6 617 36.1 2.727 70.7 94.8 90.4	41.2 340.2 15.6 95.2 355.8 451.0 550 35.3 2.431 69.6 93.3 89.0
Measured Speed of Pump, RPM Customer Meter, GPM kWh per Acre Foot Overall Plant Efficiency (%)		1,787 680 601 65,4	622 66,7	687 67.1

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.

RUSS JOHNSON Manager Hydraulic Services