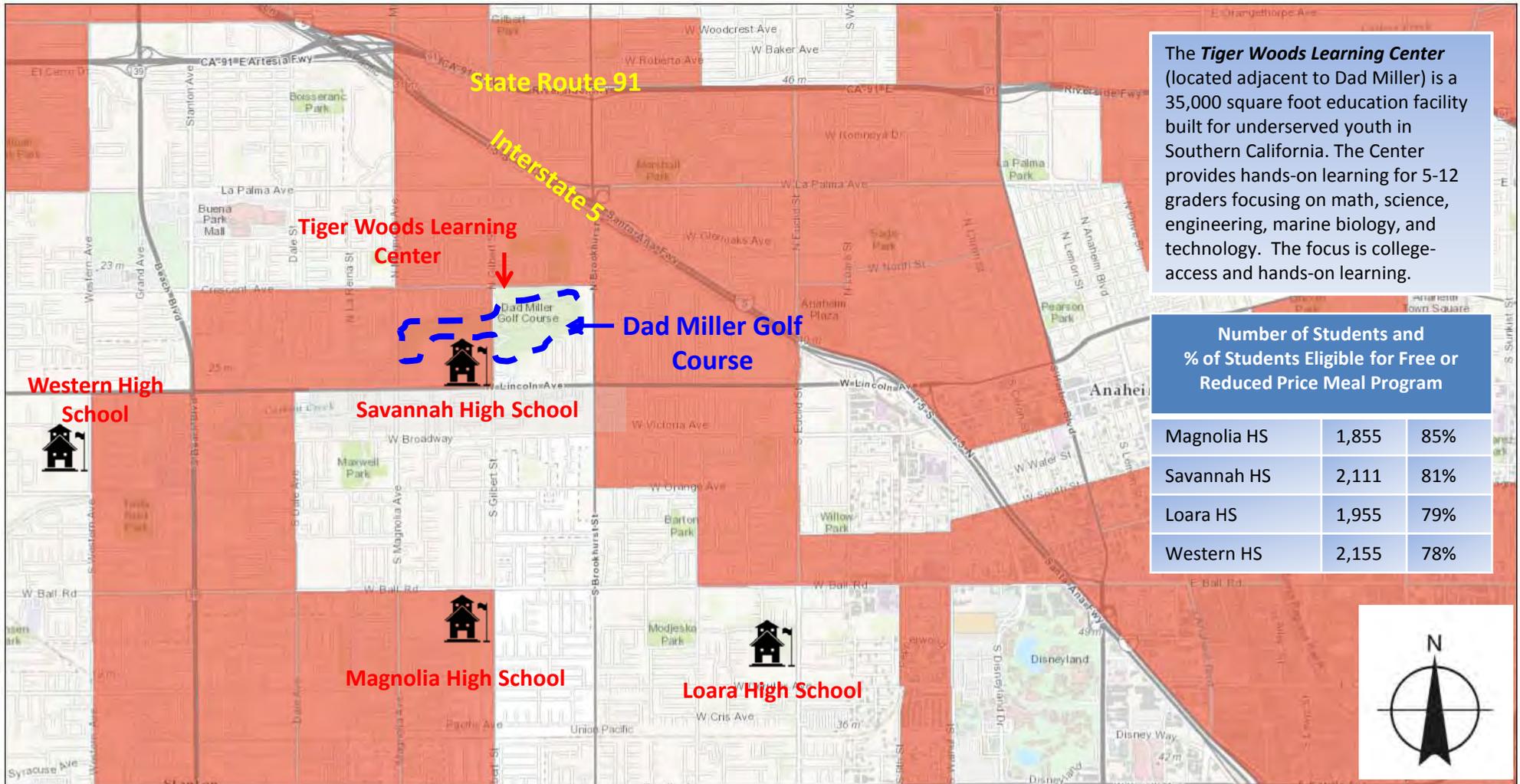


SB 535 Disadvantaged Communities



The **Tiger Woods Learning Center** (located adjacent to Dad Miller) is a 35,000 square foot education facility built for underserved youth in Southern California. The Center provides hands-on learning for 5-12 graders focusing on math, science, engineering, marine biology, and technology. The focus is college-access and hands-on learning.

Number of Students and % of Students Eligible for Free or Reduced Price Meal Program

Magnolia HS	1,855	85%
Savannah HS	2,111	81%
Loara HS	1,955	79%
Western HS	2,155	78%



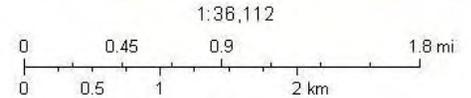
November 22, 2014

SB535_DACs



Dad Miller Golf Course Disadvantaged Map

Approximately one-half of the Dad Miller Golf Course is located in a SB 535 disadvantaged community while the other one-half is surrounded on the north, east, and west by SB 535 disadvantaged communities. Dad Miller supports **four** public high school golf programs (which is highly unusual to support this many), is the sponsor course for the First Tee national program, and hosts events annually for the Tiger Woods Learning Center, SCPGA, and SCGA. Many of these programs directly benefit disadvantaged youth.



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Disadvantaged Community Supporting Narrative

The Dad Miller Golf Course is located at Lincoln Avenue and North Brookhurst Street in the City of Anaheim. The course is roughly one-half mile from the confluence of Interstate 5 and State Route 91. Both freeways have average daily traffic counts exceeding 200,000 and both freeways contribute to significant greenhouse gas emissions (via vehicle emissions).

Fifty percent (50%) of the Dad Miller Golf Course is located in a SB 535 disadvantaged community CalEnviro Screen 2.0 area while 50% is located outside the area (reference the SB 535 Disadvantaged Communities map for a visual of this 50/50 split).

The following narrative describes the project's measurable benefits to disadvantaged communities.

Increased Water Supply Reliability

The proposed irrigation project is estimated to yield a 20% annual water savings (or roughly 25 million gallons annually). The water source for the golf course is groundwater (from the San Gabriel-Coyote Creek Watershed) which is recharged from a variety of sources including the State Water Project, Colorado River, the Santa Ana River, and storm water runoff. The proposed ***local water savings*** will have a regional and statewide impact by reducing the amount of water necessary to recharge the basin. Groundwater management is a critical element to Governor Brown's California Water Action Plan with "making water conservation a way of life" one of the Plan's five-year goals.

The proposed irrigation upgrades in a SB 535 disadvantaged community will help the State further its goals of water conservation and help ***increase water supply reliability for Anaheim residents, including those located in Anaheim SB 535 disadvantaged communities.***

Reduction in Utility Service Rates and Costs

As a result of the proposed water and lighting conservation upgrades, the retrofits will have a direct impact on the amount of funding the City will need to budget for water and lighting at the golf course. The result will be additional revenues that can aid golf programs that benefit youth.

Water. The Orange County Water District (OCWD) is the water supplier for the golf course. In 2014, the OCWD invoiced the City of Anaheim \$105,542 for water use. The proposed irrigation upgrades are expected to yield a 20% reduction in water use. Using a simple methodology, a 20% reduction in water use is estimated to yield a 20% reduction in cost, or \$21,000 annually ($\$105,542 \times 0.20 = \$21,000$ rounded). Over the proposed project life of 30 years, the lifetime

Supporting Narrative Disadvantaged Community

Anaheim: Dad Miller Golf Course

Water-Energy Grant Program

total savings (not accounting for inflation) is \$630,000. Please see the attached invoices from the OCWD for cost documentation.

Electricity. The total energy use at the golf course is estimated to be 138,787 kWh/year. After the lighting retrofits are installed, the energy use at the golf course is estimated to be 61,575 kWh/year. The APU staff are estimating annual energy savings from energy efficiency and renewable energy from the lighting retrofits to be 77,212 (rounded) kWh/year (please see the attached APU rebate form for supporting documentation) (138,787 kWh/year - 61,575 kWh/year = 77,212 kWh/year savings). The result is a 56% decrease in energy use. (new - old/old = percent change) $\{(61,575 - 138,787) / 138,787\} = 56\%$.

The APU is the electrical provider for the golf course. The total amount billed to the golf course for 2012/2013 was \$100,621. Using a simple methodology, a 56% reduction in energy use is estimated to yield a 56% reduction in cost, or \$56,000 annually ($\$100,621 \times 0.56 = \$56,000$ rounded). Over the proposed project life of 20 years, the lifetime total savings (not accounting for inflation) is \$1,120,000. Please see the attached from the APU for cost documentation.

	Estimated % Reduction	Current Annual Cost to City	Proposed Lifetime Savings
Water Savings	20%	\$105,542	\$630,000
Energy Savings	56%	\$100,621	\$1,120,000
Totals			\$1,750,000*

**No inflation has been applied to this calculation.*

Increase in Junior Golf Programs for Underserved Youth

Because the Dad Miller Golf Course is a municipal course, we have the opportunity to provide golf programs to underserved youth as part of our mission. We also serve as the golf course for four disadvantaged high school golf programs in the immediate area. The four high schools we support are Magnolia High School and Savannah High School (both located in a SB 535 disadvantaged community) and Western High School and Loara High School (located immediately adjacent to a SB 535 disadvantaged community). These four high schools also have high rates of participation in the USDA Free or Reduced Price Meal Program.

Supporting Narrative Disadvantaged Community

Anaheim: Dad Miller Golf Course

Water-Energy Grant Program

Table 2 Number of Students and % of Students Eligible for Free or Reduced Price Meal Program		
Magnolia HS	1,855	85%
Savannah HS	2,111	81%
Loara HS	1,955	79%
Western HS	2,155	78%

The golf course also participates and hosts several events each year that benefit underserved youth including the First Tee national program, the Southern California Professional Golf Association Junior Program, and the Southern California Golf Association Junior Program, along with an annual event for the Tiger Woods Learning Center. The Tiger Woods Learning Center is a 35,000 state-of-the-art facility located immediately adjacent to the Dad Miller Golf Course. The Learning Center provides **underserved youth** with exposure to, and education in, a variety of career-oriented fields including mathematics, science, and communications.

The \$1.750 million (lifetime) savings yielded through the water and energy retrofits could be used to help offset the cost of providing programming for youth in the immediate vicinity of the golf course. We could develop programs targeting these youth 100% and therefore all monetary benefits of this project would be used to serve disadvantaged youth. Assuming one youth scholarship assistance may cost \$500 per year, the savings could provide golfing opportunities for up to 3,500 youth in the immediate area ($\$1,750,000 / \$500 = 3,500$).

ORANGE COUNTY WATER DISTRICT

P.O. BOX 20845, FOUNTAIN VALLEY, CALIFORNIA 92728-8300
 TELEPHONE: (714) 378-3200

OCWD FORM NO. 3-RA PERIOD
 REV. 12/21/2013 119

WATER PRODUCTION STATEMENT

For Period July 1, 2013 To December 31, 2013

To be completed and filed by each operator of a water producing facility within Orange County Water District, as required by Section 29 and 29.1 of the Orange County Water District Act as amended.

Water Producing Facility No. 71-09-5-A
 City of Anaheim Well No. * 24A *

1012

ANAHEIM, CITY OF
 PUBLIC UTILITIES - LEE LAHTINEN
 201 S. ANAHEIM BLVD. - SUITE 902
 ANAHEIM, CALIF. 92805

- A. Retain a COPY of this statement and file the ORIGINAL with Orange County Water District.
- B. File this Water Production Statement on or before 31-Jan-14
 After that, interest accrues at 1% per month or fraction thereof.
- C. Pay replenishment assessment on or before 31-Jan-14
 After that, interest accrues at 1% per month or fraction thereof.
- D. Returns postmarked after 31-Jan-14
 must under the law be considered delinquent. Please mail or file in time to avoid penalties.
10% penalty accrues 30 days after filing due date.
- E. If this form is mailed, enclose check or money order payable to:
ORANGE COUNTY WATER DISTRICT

Code 4S-10W-7L1

6 = Number of Digits in Flow Meter Reading

(1)	Water meter reading end of period	<u>494,671</u>	
(2)	Water meter reading beginning of period	<u>307,966</u>	
(3)	Total units: Subtract item (2) from (1)	<u>186,705</u>	
	<u>Acre Feet</u> <u>0.001</u>		
	(Unit of Measurement) (Multiplier)		
(4)	Total production in item (3) above expressed in Acre Feet	<u>186.7</u>	
		Ac. Ft. to nearest 1/10th	
(5)	Additional water produced during period NOT INCLUDED IN WATER METER READINGS: (e.g. PUMP TO WASTE, MWD CUP)	<u> </u>	+
		Ac. Ft. to nearest 1/10th	PUMP TO WASTE
(6)	Total water produced: Add items (4) and (5)	<u>186.7</u>	X
		Ac. Ft. to nearest 1/10th	\$138.00 = \$ <u>25,764.60</u>

IMPORTANT !!!
You must compute the assessment due as shown in Items (6) & (8) below. Be sure to pay the total due as shown in Item (9) NO LATER THAN 31-Jan-14

CLASSIFICATION OF USE OF WATER

(7)	Amount of water in item (6) used for irrigation purposes:	<u> </u>	
		Ac. Ft. to nearest 1/10th	
	<small>IRRIGATION, as used herein, means the act of first using water to place it on lands by any means for the commercial production of agricultural, horticultural or floricultural crops and for pasture grown for commercial purposes.</small>		
(8)	Amount of water in item (6) used for all purposes other than irrigation: Subtract item (7) from (6)	<u>186.7</u>	X
		Ac. Ft. to nearest 1/10th	\$138.00 = \$ <u>25,764.60</u>
(9)	TOTAL REPLENISHMENT ASSESSMENTS: Add \$ amounts in Items (6) and (8)		\$ <u>51,529.20</u>

(Please be sure to sign the certification statement below)

(For OCWD Accounting Use Only)

DO NOT WRITE IN THIS SPACE

Figures Verified By:

CERTIFICATION

I DECLARE, under the penalties of perjury that this water production statement, including the statements made and the figures shown, has been examined by me, and to the best of my knowledge and belief is a true, correct and complete statement.
Producers (defined as Cities, Water Districts and Golden State Water Co.) shall annually calibrate the well meter or follow the calibration procedure applicable to the meter type as recommended by the respective meter manufacturer or Anaheim Water Works Association if none exist, and utilize qualified personnel to perform the calibration. The Producer shall provide to the District the certification of test results signed by a California registered professional engineer or a certified calibration technician performing the calibration and affixed with the engineer's current registered engineer stamp or the calibration technician's certification identification, whatever is applicable. Alternatively, results from a well system check performed by Southern California Edison or other similar contractor approved by the District can be submitted to verify that accurate pumping results are being reported.

(Date) 14-Jan-14 (Phone No.) 765-5196

v.g. (Signature) 

ENCLOSED IS CHECK NUMBER _____

DRAWN ON _____

(Name of Bank)

FOR \$51,529.20

WATER PRODUCTION STATEMENT
 For Period January 1, 2014 To June 30, 2014

To be completed and filed by each operator of a water producing facility within Orange County Water District, as required by Section 29 and 29.1 of the Orange County Water District Act as amended.

Water Producing Facility No. 71-09-5-A
 City of Anaheim Well No. * 24A *

 1012

 ANAHEIM, CITY OF
 PUBLIC UTILITIES -RICK SHINTAKU
 201 S. ANAHEIM BLVD. - SUITE 601
 ANAHEIM, CALIF. 92805

- A. Retain a COPY of this statement and file the ORIGINAL with Orange County Water District.
 B. File this Water Production Statement on or before **31-Jul-14**
 After that, interest accrues at 1% per month or fraction thereof.
 C. Pay replenishment assessment on or before **31-Jul-14**
 After that, interest accrues at 1% per month or fraction thereof.
 D. Returns postmarked after **31-Jul-14**
 must under the law be considered delinquent. Please mail on file in time to avoid penalties.
10% penalty accrues 30 days after filing due date.
 E. If this form is mailed, enclose check or money order payable to ORANGE COUNTY WATER DISTRICT

Code 4S-10W-7L1

b = Number of Digits in Flow Meter Reading

(1)	Water meter reading end of period	<u>690,414</u>	
(2)	Water meter reading beginning of period	<u>494,670</u>	
(3)	Total units: Subtract item (2) from (1)	<u>195,744</u>	
	Acre Feet 0.001		
	(Unit of Measurement) (Multiplier)		
(4)	Total production in item (3) above expressed in Acre Feet	<u>195.7</u>	
		Ac. Ft. to nearest 1/10th	
(5)	Additional water produced during period NOT INCLUDED IN WATER METER READINGS: (e.g. PUMP TO WASTE, MWD CUP)		+
		Ac. Ft. to nearest 1/10th	PUMP TO WASTE
(6)	Total water produced: Add items (4) and (5)	<u>195.7</u>	X
		Ac. Ft. to nearest 1/10th	\$138.00 = \$ <u>27,006.60</u>

IMPORTANT !!!
 You must compute the assessment due as shown in Items (6) & (8) below. Be sure to pay the total due as shown in Item (9) **NO LATER THAN 31-Jul-14**

CLASSIFICATION OF USE OF WATER

(7)	Amount of water in item (6) used for irrigation purposes:	<u>195.7</u>	
		Ac. Ft. to nearest 1/10th	
	<small>IRRIGATION, as used herein, means the act of first using water to place it on lands by any means for the commercial production of agricultural, horticultural or floricultural crops and for pasture grown for commercial purposes.</small>		
(8)	Amount of water in item (6) used for all purposes other than irrigation: Subtract item (7) from (6)	<u>195.7</u>	X
		Ac. Ft. to nearest 1/10th	\$138.00 = \$ <u>27,006.60</u>
(9)	TOTAL REPLENISHMENT ASSESSMENTS: Add \$ amounts in Items (6) and (8)		\$ <u>54,013.20</u>

(Please be sure to sign the certification statement below)

(For OCWD Accounting Use Only) **DO NOT WRITE IN THIS SPACE**

Figures Verified By: _____

CERTIFICATION

I DECLARE, under the penalties of perjury that this water production statement, including the statements made and the figure shown, has been examined by me, and to the best of my knowledge and belief is a true, correct and complete statement. Producers (defined as Cities, Water Districts and Golden State Water Co.) shall annually calibrate the well meter or follow the calibration procedure applicable to the meter type as recommended by the respective meter manufacturer or Anaheim Water Works Association if none exist, and utilize qualified personnel to perform the calibration. The Producer shall provide to the District the certification of test results signed by a California registered professional engineer or a certified calibration technician performing the calibration and affixed with the engineer's current registered engineer stamp or the calibration technician's certification identification, whatever is applicable. Alternatively, results from a well system check performed by Southern California Edison or other similar contractor approved by the District can be submitted to verify that accurate pumping results are being reported.

(Date) 15-Jul-14 (Phone No.) 765-5196 (Signature) [Signature]

ENCLOSED IS CHECK NUMBER _____ DRAWN ON _____ FOR \$54,013.20
(Name of Bank)

DAD MILLER

POWER CONSUMPTION RECORD '12/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
MAINTENANCE				01888MQ30	LOC# 217622	AFRM
6/21-7/23/12	32	50547	47998	2549	381.50	
7/23-8/21/12	29	52989	50547	2442	365.37	
8/21-9/20/12	30	55663	52989	2674	401.32	
9/20-10/19/12	29	57786	55663	2123	318.94	
10/19-11/20/12	32	59764	57786	1978	297.47	
11/20-12/21/12	31	61258	59764	1494	225.11	
12/21-1/24/13	34	63007	61258	1749	263.40	
1/24-2/25/13	32	64807	63007	1800	270.88	
2/26-3/26/13	29	66545	64807	1738	261.44	
3/26-4/24/13	29	68469	66545	1924	289.22	
4/24-5/23/13	29	70612	68469	2143	321.93	
5/23-6/24/13	32	73226	70612	2614	392.47	
TOTAL				25,228	\$3,789	

WATER CONSUMPTION RECORD 2/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
15 TEE RESTROOM				504943N01122	LOC# 55508	
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
TOTAL				0	\$0	

POWER CONSUMPTION RECORD '12/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
CLUBHOUSE				00149W410NKS	LOC# 217630	
6/21-7/23/12	32	7784	7551	27960	4,164.58	
7/23-8/21/12	29	8013	7784	27480	4,092.93	
8/21-9/20/12	30	8242	8013	27480	4,106.73	
9/20-10/19/12	29	8441	8242	23880	3,568.92	
10/19-11/20/12	32	8627	8441	22320	3,336.08	
11/20-12/21/12	31	8791	8627	19680	2,941.66	
12/21-1/24/13	34	8970	8791	21480	3,210.73	
1/24-2/25/13	32	9153	8970	21960	3,282.30	
2/25-3/26/13	29	9311	9153	18960	2,833.98	
3/26-4/24/13	29	9473	9311	19440	2,905.69	
4/24-5/23/13	29	9639	9473	19920	2,977.39	
5/23-6/24/13	32	9820	9639	21720	3,246.46	
TOTAL				272,280	\$40,667	

WATER CONSUMPTION RECORD 2/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
8TH HOLE FENCE				004153R01002	LOC# 57774	
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
TOTAL				0	\$0	

POWER CONSUMPTION RECORD '12/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
DRIVING RANGE				003295T01002	LOC# 217636	
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
TOTAL				0	\$0	

WATER CONSUMPTION RECORD 2/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
14 TEE FOUNTAIN				002633N0100	LOC# 217292	
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
TOTAL				0	\$0	

POWER CONSUMPTION RECORD '12/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
SUMP PUMP ? (NEW 12/06)				00016S342NKS	LOC# 217638	
6/21-7/23/12	32	4402	4398	4	2.61	
7/23-8/21/12	29	4412	4402	10	3.31	
8/21-9/20/12	30	4417	4412	5	2.63	
9/20-10/19/12	29	4424	4417	7	2.86	
10/19-11/20/12	32	4431	4424	7	3.05	
11/20-12/21/12	31	4439	4431	8	3.14	
12/21-1/24/13	34	4445	4439	6	3.03	
1/24-2/25/13	32	4454	4445	9	3.35	
2/25-3/26/13	29	4463	4454	9	3.16	
3/26-4/24/13	29	4465	4463	2	2.12	
4/24-5/23/13	29	4468	4465	3	2.26	
5/23-6/24/13	32	4468	4468	0	2.01	
TOTAL				70	\$34	

WATER CONSUMPTION RECORD 2/13

SERVICE DATES	# DAYS	CURR READ	PREV READ	CONSUMP	AMOUNT	AFRM
NEW @ RANGE				001832N04001	LOC# 217468	
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
				0		
TOTAL				0	\$0	

