

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for increase  
in wastewater rates in Monroe  
County by K W Resort Utilities Corp.

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Docket No. 150071-SU

DIRECT TESTIMONY

OF

CHRISTOPHER A. JOHNSON

on behalf of

K W Resort Utilities Corp.

1 **Q. Please state your, name profession and address.**

2 A. My name is Christopher A. Johnson. I am President of K W Resort Utilities Corp. My  
3 business address is 6630 Front Street, Key West, Florida 33040.

4 **Q. State briefly your educational background and experience.**

5 A. See resume attached as Exhibit CAJ-1.

6 **Q. Have you previously appeared and presented testimony before any regulatory bodies?**

7 A. I have prepared and presented testimony before the Florida Public Service Commission in K  
8 W Resort Utilities Corp.'s last rate case in 2008. I also testified before the Division of  
9 Administrative Hearings in the Last Stand protest of the DEP's intent to issue a modification  
10 of KWRU's wastewater permit to allow the construction of the plant expansion

11 **Q. On whose behalf are you presenting this testimony?**

12 A. I am presenting this testimony and appearing on behalf of K W Resort Utilities Corp.  
13 (KWRU), the applicant for rate increase in the present docket.

14 **Q. What is the purpose of your direct testimony?**

15 A. The purpose of my direct testimony is to present information supporting the financial and  
16 engineering basis for KWRU's request to increase its rates and charges as originally presented  
17 in the MFRs in the PAA filing, to provide supporting documentation and testimony to show  
18 the basis for the requested rates and charges and to provide information supporting the  
19 utility's cross petition filed in response to the protests filed by OPC and Monroe County.

20 **Q. Are you sponsoring any exhibits?**

21 A. Yes, I am sponsoring 7 exhibits. Exhibit CAJ-1 lists my education and experience. CAJ-2  
22 contains MFR Volume III – Additional Engineering Information as originally filed in the  
23 PAA case. Exhibit CAJ-3 contains the construction contract for the wastewater treatment  
24 plant expansion. Exhibit CAJ-4 are responses to various staff data requests. Exhibit CAJ-5  
25 is the most recent Wastewater Compliance Inspection Report by DEP. Exhibit CAJ-6 is

1 Glenn Miller employee housing agreement. Exhibit CAJ-7 is Ted Yarboro housing  
2 Agreement. Finally, Exhibit CAJ-8 is communications from a Customer intending on  
3 installing a deduct meter.

4 **Q. Were these Exhibits prepared by you and your staff?**

5 A. Yes they were.

6 **Q. Did KWRU modify its revenue request in response to various staff data requests?**

7 A. Yes, Exhibit CAJ-4 are the responses to various staff data requests which were prepared under  
8 my direction and control.

9 **Q. Is it your opinion that the cost of the pro forma plant should be recovered in a second  
10 phase rate increase?**

11 A. No. A contract for the pro forma plant improvements has been executed and is contained in  
12 Exhibit CAJ-3. Pursuant to the contract, the wastewater treatment plant improvements are to  
13 be substantially completed by April 8, 2017. Since the Commission is not scheduled to make  
14 a final decision until February 7, 2017 it would be a more efficient procedure to include the  
15 revenue requirement from the pro-forma projects in a single rate increase. Further, as a result  
16 of the delay in implementing final rates due to the OPC and County protests, KWRU should  
17 also be able to include the cost to replace an air vacuum tank currently estimated at  
18 \$610,177.04. Mr. Castle is sponsoring the documentation regarding cost of the replacement  
19 of this tank.

20 **Q. What is the necessary additional staffing and pro forma increase to salaries and wages  
21 as a result of the additional requirements to meet AWT standards?**

22 A. KWRU needs three additional field positions and an administrative assistant, for a total  
23 expense of \$194,000 plus corresponding payroll taxes. The PAA Order's reduction of this  
24 amount by \$14,640 ignores the challenges of hiring low salaries personnel in a high cost of  
25 living environment like Key West. Employee housing is an issue not only with KWRU but it

1 a major issue with businesses throughout the County. In the KWRU's Supplemental  
2 Response to Data Request 3, Dated January 18, 2016, filed with the PSC, the Utility provided  
3 exhibits that shows wastewater competitors particularly our competitor (OMI) operating in  
4 Key West providing a housing stipend. The company, Operations Management Inc. (OMI)  
5 that operates the City of Key West's Wastewater Treatment Plant provides a \$500 monthly  
6 housing bonus to its employees. This equates to \$6,000 annually or as their General Manager  
7 states in his email about \$3.00 per hour. KWRU recently hired a Class B Operator who  
8 will move to Key West and begin working on July 2, 2016. To hire a qualified  
9 Operator it was necessary to provide a \$1,675 signing bonus equal to one month's rent. See  
10 Exhibit CAJ-6 Additionally the Utility has agreed to make a loan of \$1,675 which will be  
11 forgiven if the employee remains employed. This housing is not luxurious or expensive. This  
12 unit is a one bedroom of 540 square feet and the rent is \$1,675 per month and the landlord  
13 requires first month, last month, and security deposit (total to move in \$5,025). Assuming  
14 the employee completes an entire year of service the housing expense to KWRU would be a  
15 one-time expense of \$3,350. This would not be a year over year reoccurring expense like it  
16 is for OMI of \$6,000 per year, so if the KWRU Operator is retained this gives KWRU a nice  
17 year over year cost savings. Similarly, in October 2013, KWRU provided Mr. Ted Yarboro  
18 (Class B Wastewater) with a one-time housing bonus of \$1,100 (Exhibit CAJ-7) to rent a one  
19 bedroom, 600 square foot, downstairs enclosure of a stilt home up the island chain in  
20 Summerland Key. KW Resort Utilities pays a wage that is similar or less than competitors as  
21 was provided in the response to Data Request #3. KWRU has inferior benefits as our  
22 competitors are large municipal or State agencies with larger workforces which allow them  
23 to give better benefits. For example KWRU's competitors give more days off, they also pay  
24 a lot more for on call duty, and they require their employees to be on call less often. For  
25 this reason KWRU has lost numerous employees in the past few years to the FCAA



1 (Eddie Roberts, Blaine Grassi, John Welsh, Sexton Curry), Keys Energy Services (Paul  
2 Sanchez), and City of Marathon Wastewater (Robert Bellino).

3 **Q. Does Green Fairways, Inc. provide valuable services to KWRU justifying the \$60,000**  
4 **annual expense?**

5 A. Yes. As explained in responses to Staff's Second Data Request, Green Fairways charges a  
6 flat monthly management fee. Mr. William Smith is an officer and shareholder of Green  
7 Fairways, but does not receive a salary from that company. Mr. Smith has personally  
8 guaranteed loans to KWRU from FDIC insured financial institutions due to KWRU not  
9 having income or credit sufficient to obtain loans from FDIC lenders without Mr. Smith's  
10 personal guarantee. As such, KWRU's ability to properly operate is dependent on a third  
11 party guarantee, specifically, that of Mr. Smith. BB&T and most financial institutions impute  
12 a 3-5% management fee as an expenditure when lending, which therefore means Green  
13 Fairway's management fee is not only reasonable but is very low for the requested rates.  
14 Green Fairways is responsible for financing all debt obligations insuring the shareholder  
15 investment is secured and ensuring that any guarantees are paid in full by the Utility. As  
16 can be readily ascertained from KWRU's Annual Reports, going back into the 1990's,  
17 KWRU has had only one year where its income was sufficient to pay its expenses. Again,  
18 justifying the rate increase to provide actuarial soundness. In addition, Green Fairways, Inc.  
19 reviews and approves all outside legal invoices on behalf of the Utility. Green Fairways  
20 reviews all legal contracts for outside professional legal services and also reviews all tax  
21 preparation contracts and legal contracts that relate to real estate tax issues. Green Fairways  
22 assists Utility management with matters involving easements or other Utility easement or  
23 property related issues. Green Fairways also receives proposed pay increases from Utility  
24 management; for the purpose of review, comment, and approval. Green Fairways, Inc. also  
25 participates in large project negotiations either directly or indirectly. Green Fairways is the

1 sole signatory for all Utility Escrow checks and Green Fairways also cosigns all other Utility  
2 checks. Green Fairways executes transfers of monies between Utility's various bank  
3 accounts. This level of financial oversight results in Green Fairways having a very good deal  
4 of knowledge with regard all expense that the Utility incurs. If Green Fairways sees any  
5 expenses that are unusual, they question or advise Utility management of such  
6 expenses/transactions. Green Fairways also provides insight into employment issues because  
7 they manage other personnel in Key West. Green Fairway's provides Utility managers with  
8 specific knowledge including but not limited to; current market trends, employment statistics,  
9 cost of living, housing issues, hiring, recruiting, and employee training. Green Fairways is  
10 also involved in larger long term planning and strategic planning such as rate cases, plant  
11 expansions, etc.

12 **Q. Was the adjustment in the PAA Order reducing contractual services-accounting**  
13 **expenses by \$12,350 annually appropriate?**

14 A. No. In response to Staff's First and Seconds Data Requests I explained need for additional  
15 accounting services from Mr. Allen.

16 **Q. When was the last DEP Wastewater Compliance Inspection conducted, and what was**  
17 **the outcome?**

18 A. DEP did a compliance inspection of the wastewater facility on March 10, 2016 and the facility  
19 was found in compliance in all areas. Exhibit CAJ-5 is a copy of the Wastewater Compliance  
20 Inspection Report.

21 **Q. Have you seen any evidence of Customers taking measures to reduce the amount of**  
22 **water that the Utility may bill monthly as a result of the PAA rates that went into effect**  
23 **April 20, 2016?**

24 A. Yes there are 2 large customers, Key West Harbour Yacht Club (KWHYC) and Murray  
25 Marine, that have communicated that they will be installing Florida Keys Aqueduct Authority

1 (FKAA) deduct meters to measure boat wash water that doesn't return to the wastewater plant  
2 in an effort to reduce their monthly wastewater bills. Mr. Richard Horn, General Manager  
3 KWHYC, copied the Utility on an email (May 24, 2016 2:21PM), Exhibit CAJ-8, where his  
4 contactor has met with the Executive Director of the FKAA with regard to the FKAA  
5 installing deduct meters. Mr. Bill Murray, Owner Murray Marine, called the Utility on June  
6 22, 2016 and informed the Utility that he is beginning the process of FKAA deduct meter  
7 installation. The revenue the Utility generates is based off of the rate determinants that were  
8 calculated based on the total amount of water being fed to these marinas at the time of the  
9 analysis. If customers reduce the amount of water the utility may charge usage on, the  
10 revenue generated will be reduced in proportion to the reduction in billable gallonage. There  
11 are 11 marinas served by the Utility and if the other marinas follow suit this problem could  
12 be very detrimental to the Utility. Should this occur the Utility will fall way short of its  
13 revenue requirement.

14 **Q. Does that conclude your direct testimony?**

15 **A.** Yes, it does.  
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EXHIBIT CAJ-1  
DIRECT TESTIMONY  
OF  
CHRISTOPHER A. JOHNSON  
on behalf of  
K W Resort Utilities Corp.

**Christopher A. Johnson**  
1212 Von Phister Street  
Key West, Florida 33040  
(305) 522-0052  
chris@kwru.com

## **Education and Licenses**

**Northern Illinois University, DeKalb, Illinois**  
Bachelor of Science in Electrical Engineering 1996

**State of Illinois Registered Professional Engineer Intern** (license no. 061-030504)

**AIRVAC Certified Vacuum Technician** (Certificate#1020)

**State of Florida Department of Environmental Protection Class A Licensed Wastewater Treatment Operator**  
(license no. 0013917)

**2013 -2014 Christopher A. Johnson**, President KW Resort Utilities, co-authored an abstract titled MORE ENERGY INTENSIVE – VACUUM OR GRAVITY SEWERS?

**2005 Christopher A. Johnson**, President of Keys Environmental Inc. featured Civil Engineering News, Storm Survival Vacuum Sewers withstand Florida's Hurricane Barrage, April 2005 Issue,.

## **Experience**

**2009 - Present President, KW Resort Utilities Corp, Key West, Florida.**

Provide operational and administrative management and oversight for the KW Resort Utilities wastewater utility. Operational responsibilities include the management of the third largest wastewater treatment plant in the Keys, and a public sewer system comprised of both vacuum and force main systems. Other responsibilities include laboratory management, compliance with State regulations, facilities management, and management of the largest reclaimed water system in the Keys. Administrative responsibilities include budgeting, capital planning, accounting, information systems, data management, billing, financial planning and reporting, and reporting to a Board of Directors. Capital project responsibilities including the review of bid packages, design, contractor qualifications, submitted bids, financing, and bonding. Additional responsibilities include personnel management, development of strategic partnerships, and contract negotiation.

**2003 - Present Owner, Keys Environmental Inc., Key West, Florida.**

Owner of a contract wastewater operations firm. Involved in all aspects of the business from technical wastewater plant operations to managing budgets, capital planning, inventory management, procurement, data systems, personnel decisions, customer and public relations, safety, and regulatory compliance. In addition to operations management, Keys Environmental provides project management for wastewater capital projects; in a 5 year period between 2003-2008 the company provided oversight on projects totaling more than \$4M.

**2006 - Present Managing Member, JOHNSON CONSTRUCTORS, LLC, Key West Florida.**

Owner (50%) of Florida Licensed General Contracting firm involved in all aspects of commercial projects from design review, project planning, value engineering, hiring of subcontractors, field supervision,



layout, contracts and administration. Projects include a 32 foot diameter foundation set on piles driven 60 feet into the earth, fabrication of a steel tank with a 56,000 gallon capacity, and construction of an elevated 240 square foot concrete equipment deck set on a pile foundation.

**2002 - 2003 Project Engineer, Weiler Engineering Corp, Port Charlotte, Florida.**

Provided on site engineering for the South Stock Island Sewer Expansion Project. The project was a \$4.5M project involving the installation of approximately 25,000 linear feet of vacuum sewer main, 83 valve pits and buffer tanks, and a vacuum pump station. This was the first successful vacuum sewer installation in the Florida Keys and was completed on time and under budget. Specific responsibilities included inspection, field engineering, utility conflict resolution, and coordination with surveyors. The project engineer was a liaison between the contractor and the county and provided daily updates and timely information that was used to apprise a Board of County Commissioners and their staff with regard to the project.

**2000 - 2002 Senior Engineer Automated Test, Shure Inc., Evanston, Illinois.**

Submitted budgets for the department's non-personnel needs. Member of new product development team for what was to become the flagship product of the company, ULX wireless. The team developed a revolutionary audio platform that was eventually integrated into several other product lines. Member of a planning team focused on the relocation of manufacturing operations to a new facility in Suzhou, China.

**1999 - 2000 Automated Test Engineer, Shure Inc., Evanston, Illinois.**

Developed computerized tests for a full line of consumer electronic products. Interviewed personnel for technical positions at open houses at Universities. Acted as a mentor for junior associates in the department, providing training and career guidance. Developed a structured approach to training that was later integrated into a formal departmental training matrix.

**1998 - 1999 Test Engineer I Shure Inc., Evanston, Illinois.**

Designed a test and retrofitted unused machinery to bring transformer manufacturing in house. Previously the company was exclusively sourcing transformers off shore. The test enabled the company to produce custom audio transformers that were less expensive, more reliable, and better suited to the product lines, thereby saving the company money while improving overall product quality.

**1996 - 1998 Test Engineer II, Shure Inc., Evanston, Illinois.** Developed a frequency response test for microphones. Responsible for developing the test hardware and software as well as implementing the complete test system. Additional responsibilities included supporting the system that would permanently reside in Mexico, and training the technicians in the Mexican production facilities.

**Additional Relevant Experience**

Rotary Club Member 2004 - Present  
Rotary Foundation Trustee Chairman (2014-2015), Secretary (2012)  
Key West Chamber of Commerce 2012-Present  
State of Florida Commercial License (CDL Class B) Tanker Endorsement

**Personal Interests**

Spending time with family, coaching, fishing, boating, biking, reading, and travel.

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EXHIBIT CAJ-2

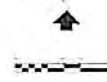
DIRECT TESTIMONY

OF

CHRISTOPHER A. JOHNSON

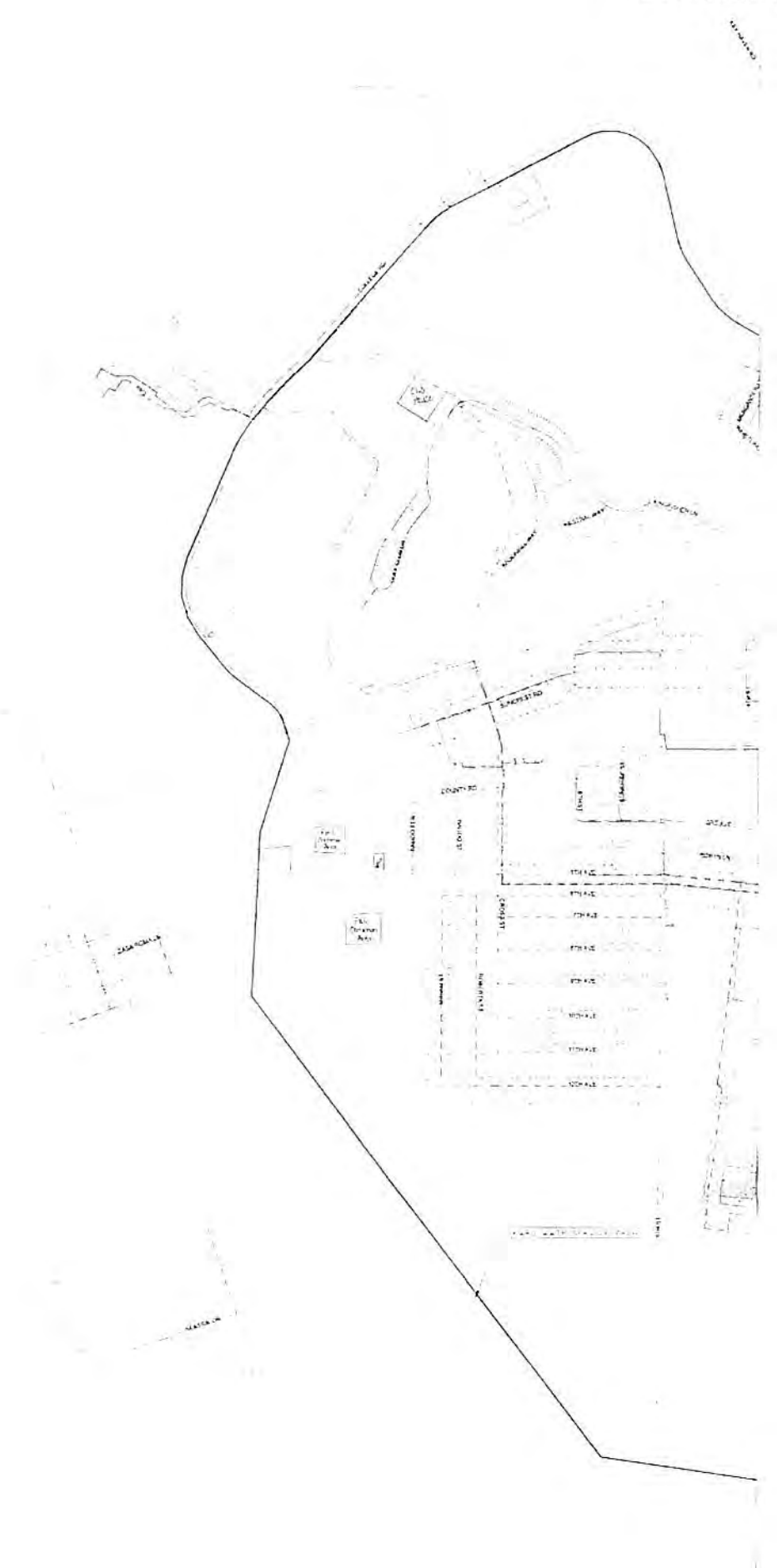
on behalf of

K W Resort Utilities Corp.



1:5000  
1" = 1000'  
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KWRU

YEAR	MAKE	DRIVER	VIN#	Original Cost
2008	FORD F150	Mark Burkemper	1FTRF122X8KF05067	\$ 16,895.71 On Call
1997	DODGE TRUCK	FLEET	3B7KC23W6VM581925	\$ 4,500.00
1996	GMC SIERRA	FLEET	1GDKC34F8TJ513071	\$ 6,010.00
2006	FORD F150	John Walsh	1FTRF12246NA05031	\$ 19,038.32 On Call
1998	Ford PICKUP	FLEET	1FTZF1721WNA81265	\$ 5,500.00
2004	CHEVY PICKUP	FLEET	1GCCS198X48205760	\$ 6,000.00
2012	CHEVY 1500	Chris Johnson	1GCRCPEX7CZ310966	\$ 27,339.00 On Call
2007	Ford F250	Matt Pellerito	1FTNF20527EB31942	\$ 11,730.00 On Call
2011	DODGE RAM	Greg Wright	3D7J81EK9BG538652	\$ 12,000.00 On Call
2003	JET RODDER TRAILER	FLEET	1U9FS13103A044218	\$ 25,000.00
1993	HOOP TRAILERW/ GENERATOR	FLEET	1H9FB183010472764	\$ 2,000.00
		FLEET		\$ 5,000.00
2003	HOMEMAKE TRAILER	FLEET	NOV1N0200844241	\$ 275.00





## KW Resort Utilities Corp

6630 Front Street

Key West, FL 33040

305.295.3301

FAX 305.295.0143

www.kwru.com

25-30.440 Additional Engineering Information Required Class A WW Utilities in an Application for Rate Increase.

(10)

There was a PSC Billing Inquiry made by Account BG001 (Key West Botanical Garden Society) to the PSC. The issue was that the Botanical Garden management didn't accept how inactive meters were billed versus abandoned meters. The PSC logged the inquiry on October 14, 2014 and KW Resort Utilities responded by providing the PSC Tariff along with an explanation of billing on November 4, 2014. After KW Resort Utilities provided this response the Key West Botanical Garden Society never responded to the PSC. Then after allowing the mandatory 15 days for the Key West Botanical Garden Society to reply the PSC then formally closed the Inquiry on November 24, 2014.

# My Florida Public Service Commission

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Complaint Activity Tracking

My Florida Public Service Commission  
727.771.1234

Sign on page, videos and photos, E-mail and Natural Gas, Tobacco, Tobacco, Water and wastewater, Customer activity, Tracking system, Mississippi, Utility, Mississippi at DHS, Address, Our annual program, Local (statewide), agreements, Utility, Social, Open Case

My Florida Public Service Commission  
727.771.1234

Company Name: R.W. Woodard Holdings, Corp.  
Service Complaints from 7/1/2019 to 12/31/2019  
(Unaudited figures)

Service Complaints

© 2015 State of Florida  
Florida Public Service Commission  
2000 South Orange Avenue  
Tallahassee, Florida 32309-0001  
Phone: 904.488.1234  
Toll Free: 1.800.352.7272

PDR

KWRU

**G. DISINFECTION (calculations based on four chlorine contact chambers in two basins)**

The Chlorine Contact Chamber is required to provide a minimum contact period of 15 minutes at design peak hourly flow or the maximum pumping rate. The facility has flow equalization, which will result in using a peaking factor of 1.5 instead of 4.

Detention time =  $V/Q$

Volume = 11,489 gal per basin, 5,745 gal per chamber, 22,978 gal total

Flow =  $Q_{PHF} = 1,273,500$  gpd or 885 gpm or 53,063 gph

$\Theta = V/Q \quad \Theta = 0.25$  hr,

$V_{REQUIRED} = (0.25 \text{ hr})(53,063 \text{ gph}) = 13,266$  gal

22,978 gal > 13,266 gal therefore size is Adequate

@ 75% Operation (1 of 4 chambers off line) = 17,234 gal > 13,266 gal

22,978 gal/53,063 gph = 26 min. detention time with all 4 in service.

17,234 gal/53,063 gph = 19.5 min. detention time with 3 of 4 in service.

**H. SODIUM HYPOCHLORITE SYSTEM**

1 pound per day (ppd) chlorine gas = 1 gpd of 12.5% Trade NaOCl

Min. Total Residual Chlorine (TRC) = 1.0 mg/L

Avg. chlorine ppd in recent years (based on 0.343 MGD Flow) = 38.8 ppd

$Cl_2$  Dosage =  $(38.8 \text{ ppd}) / ((8.34 \text{ lb/day}) / (343 \text{ MGD})) = 14$  mg/L

$Cl_2$  Dosage rate, in ppd for design flow =  $(.849 \text{ MGD})(8.34 \text{ lb/gal})(14 \text{ mg/L}) = 99.2$  ppd

Gallons of 12.5% NaOCl needed per day =  $(99.2 \text{ ppd } Cl_2)(1 \text{ gpd } 12.5\% \text{ NaOCl} / 1 \text{ ppd } Cl_2)$   
= 99.2 gal/day

With 1.5 safety factor =  $(99.2 \text{ gal/day})(1.5) = 148.8$  gal/day

Min. Tank size needed:  $(148.8 \text{ gal/day})(15^{**} \text{ days}) = 2,500$  gal

Tank will be opaque for UV protection and rated for exterior use

\* Dosage rate based on average feed rate of chlorine gas needed to satisfy chlorine demand and maintain desired TRC.

\*\* Due to short shelf life of the sodium hypochlorite solution, a tank that allows for only 15 days of storage will be used instead of 30 days to prevent degradation of the sodium hypochlorite solution.



PDR

KWRU

**I. PHOSPHORUS REMOVAL**

ALUM	$Al_2(SO_4)_3 \cdot 18H_2O$
ALUM STRENGTH	48.5 %
DENSITY OF ALUM SOL'N	11.2 lb/gal
MOLECULAR WT. OF ALUM	594.0
MOLECULAR WT. OF ALUMINUM	26.98
MOLECULAR WEIGHT OF P	30.97

**STEP 1 WEIGHT OF ALUMINUM REQUIRED PER UNIT OF PHOSPHORUS**

A. THEORETICAL DOSAGE 1 MOLE AL PER 1 MOLE P  
ALUMINUM REQUIRED = (MW AL/MW P)  
= (26.98/30.97)  
= 0.87 lb AL/lb P

**STEP 2 WEIGHT OF ALUMINUM AVAILABLE PER GALLON OF ALUM**

A. Weight of alum per gallon of solution  
= 0.485 X 11.2 lb/gal = 5.43 lb/gal

B. Weight of Aluminum per gallon  
= 5.43 lb/gal \* (2 \* 26.98/594.0) = 0.493 lb/gal

**STEP 3 POUNDS OF P IN INFLUENT**

= mg/L P \* FLOW, MGD \* 8.34  
= 8 \* 0.849 \* 8.34  
= 56.6 lbs influent phosphorus

**STEP 4 AMOUNT OF ALUM SOLUTION REQUIRED PER LB OF PHOSPHORUS**

Alum Dosage = (0.87 lb AL/lb P) \* (1 GAL ALUM SOL/0.493 lb AL)  
= 1.76 GAL ALUM SOLUTION/lb P  
= 1.76 \* 28.3 lb

**= 49.8 gallons of alum solution required for 0.849 MGD facility capacity**

Since significant biological uptake of phosphorus occurs in the activated sludge process, the clarifier influent will have significantly less than the 8 mg/l used in the dosing calculations, providing a safety factor in the designed dosing rate.

Min. tank size needed: (49.8 gal/day) (30 days) = 1,494 gal tank

Tank will be opaque for UV protection and rated for exterior use

PDR

KWRU

## J. GLYCERIN

Solution used will be 70% Glycerin as provided by manufacturer

Glycerin BOD: 870,000 mg/L

7 lb BOD = 1 gal Glycerin

Dissolved Oxygen (D.O.) going into anoxic zone = 2 mg/L

Influent  $\text{NH}_4$  = 40 mg/L

$\text{NH}_4$  to  $\text{NO}_3$  =  $(62/17)(40 \text{ mg/l}) = 146 \text{ mg/L NO}_3$

Oxygen present =  $((16 \times 3)/(62))(146 \text{ mg/L}) + 2(8.34 \text{ lb/gal})(0.849 \text{ MGD}) = 814 \text{ lbs/day}$

Glycerin solution needed per day:  $(814 \text{ lb D.O.})/(7 \text{ lb/gal glycerin}) = 116.3 \text{ gal/day}^*$

Min. tank size needed:  $(116.3 \text{ gal/day})(15 \text{ days}) = 1744.50 \text{ gal}$

\* There is no safety factor being used for glycerin need because the tanks have been oversized to allow for endogenous decay which provides an additional carbon source.

## K. ALKALINITY DOSING

Strength	50%
Density of Solution	12.76 lb/gallon
Molecular Weight NaOH	39.997
Molecular Weight Na	22.98
Molecular Weight OH	17.00

Weight of NaOH =  $0.5 \times 12.76 \text{ lb/gal}$   
= 6.38 lbs lb/gal

OH per gallon =  $6.38 \times (17.00/39.997)$   
= 2.71 lbs

Pounds of  $\text{NH}_4$  per day =  $(40 \text{ mg/L})(8.34 \text{ lb/gal})(0.849 \text{ MGD})$   
= 283 lbs

Pounds of  $\text{CaCO}_3$  needed per day =  $(283 \text{ lbs})(7.07 \text{ lbs CaCO}_3/\text{lb NH}_4)$   
= 2,001 lbs

Pounds of  $\text{H}_2\text{O}$  per day =  $(120 \text{ mg/L})(8.34 \text{ lb/gal})(0.849 \text{ MGD})$   
= 850 lbs

Pounds of  $\text{CaCO}_3$  added per day =  $2001 - 850 = 1,151 \text{ lbs}$

Milliequivalent weights of  $\text{CaCO}_3$ : 50 mg/meq  
NaOH: 40 mg/meq

Pounds of NaOH per day =  $(40/50)(1,151 \text{ lbs}) = 921 \text{ lbs}$

During nitrification/denitrification in aeration basins there is release of some alkalinity so no safety factor will be used



PDR

KWRU

Min. tank size needed:  $((921 \text{ lbs} \cdot 2) / (12.76 \text{ lb/gal})) \cdot 30 \text{ days} = 4,331 \text{ gal}$

Tank will be opaque for UV protection and rated for exterior use

The theoretical dose is 1 mole NaOH per 1 mg/L alkalinity. The above calculations are based on assumptions regarding the alkalinity concentration needed and may change accordingly. All chemical feed pumps will be sized to accommodate any variables encountered.

Dumont

Unit Price Cost Per Gallon	Annual Total Chem (gals)	GPD of Chem Required .550MGD	Annual Cost .550MGD	GPD of Chem Required .850MGD
\$ 1.35	35143.1	96.28	\$ 47,443.13	148.8
\$ 2.74	34009.4	93.18	\$ 93,185.79	144
\$ 3.45	27396.5	75.06	\$ 94,517.82	116
\$ 2.65	11808.8	32.35	\$ 31,293.38	50

Determination ACTUAL	2014 Actual Other Chemicals	Other Chemicals .550 MGD	Other Chemicals .850 MGD
total chem 2014	\$ 32,330.08		
less cl2 2014	\$ 26,256.00		
yields other chems	\$ 6,074.08	\$ 7,262.49	\$ 11,223.84

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street - Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island Key West, FL 33045

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent


REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 OFFICE: South District

RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: December 1, 2013 To: December 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.162						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.098						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.009						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			2.2				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement		100%					
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement		75 (Mo.Total)		percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkenper / Lead Operator		(305)295-3301	01-21-2014

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):



Entered into  
**OCULUS**  
 South District

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: December 1, 2013 To: December 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				7.0		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						1.7				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.416								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.28					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2.0	0.5	1.0				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.363	.415								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Ql.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						83%				
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						203.5				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement					186					
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC



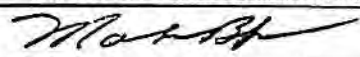
DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

**PERMITTEE NAME:** K W Resort Utility, Corp. **PERMIT NUMBER:** FLA014951-011-DW2P  
**MAILING ADDRESS:** 6630 Front Street **CLASS SIZE:** Final **REPORT FREQUENCY:** Monthly  
 Key West, Florida 33040 **MONITORING GROUP NUMBER:** N/A **PROGRAM:** Domestic  
**FACILITY:** Key West Resort Utility WWTP **DESCRIPTION:** two Class V injection wells  
**LOCATION:** 6630 Front St., Stock Island **RE-SUBMITTED DMR:**   
 Key West, FL 33045 **NO DISCHARGE FROM SITE:**   
**COUNTY:** Monroe **MONITORING PERIOD** From: December 1, 2013 To: December 31, 2013  
**OFFICE:** South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.245							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.256							
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.28					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2.0					
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			1.55					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			0.5					
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	01-21-2014

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):



## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001  
NUMBER:

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: December 1, 2013 To: December 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-001	Sample Measurement				1					
	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal PARM Code 74055 A Mon. Site No. EFA-001	Sample Measurement				1	1				
	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH PARM Code 00400 A Mon. Site No. EFA-001	Sample Measurement			7.0		7.2				
	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-001	Sample Measurement			0.5						
	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total PARM Code 00600 Y Mon. Site No. EFA-001	Sample Measurement				18.46					
	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total PARM Code 00600 A Mon. Site No. EFA-001	Sample Measurement			18.10	16.6	16.6				
	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 Y Mon. Site No. EFA-001	Sample Measurement				5.66					
	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 A Mon. Site No. EFA-001	Sample Measurement			5.78	5.59	5.59				
	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity  
 RE-SUBMITTED DMR:

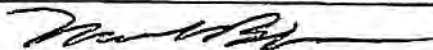
REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 South District

NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: December 1, 2013 To: December 31 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement	6.1						
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkenper / Lead Operator		305-295-3301	01-21-2014

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: December 1, 2013 To: December 31, 2013

Code	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.383	.383	0.0	0.0							
2	.383	.383	0.0	0.0	2.0	7.2	1.0				
3	.409	.409	0.0	0.0	1.6	7.1	0.9	203.50	186.00	<2.0	<0.5
4	.384	.384	0.0	0.0	3.0	7.1	1.7				
5	.405	0.0	.389	.016	3.0	7.0	1.1				
6	.378	.378	0.0	0.0	2.8	7.1	0.8				
7	.365	.365	0.0	0.0	1.1	7.1	0.8				
8	.365	.365	0.0	0.0							
9	.365	.365	0.0	0.0	1.1	7.1	1.2				
10	.358	0.0	.323	.035	3.1	7.0	1.1				
11	.389	0.0	.369	.020	1.8	7.1	0.8				
12	.359	.359	0.0	0.0	1.8	7.2	0.8				
13	.350	.350	0.0	0.0	2.3	7.2	0.9				
14	.351	.219	.116	.016	3.3	7.0	0.9				
15	.361	.361	0.0	0.0							
16	.360	.360	0.0	0.0	3.3	7.0	0.9				
17	.357	0.0	.314	.043	1.5	7.0	1.0	174.00	74.00	<2.0	<0.5
18	.316	.316	0.0	0.0	1.6	7.1	1.2				
19	.340	.213	.114	.013	2.3	7.2	1.1				
20	.339	0.0	.309	.030	1.6	7.2	1.1				
21	.323	.202	.111	.010	0.8/1.5	7.0	0.8				
22	.347	.347	0.0	0.0							
23	.347	.347	0.0	0.0	1.9	7.2	1.1				
24	.411	0.0	.380	.031	1.5	7.0	0.8				
25	.316	0.0	.275	.041	3.3	7.0	0.7				
26	.344	.344	0.0	0.0	5.0	7.0	0.6				
27	.354	.354	0.0	0.0	1.5	7.0	0.6				
28	.398	.398	0.0	0.0	2.0	7.1	0.6				
29	.360	.360	0.0	0.0							
30	.361	.361	0.0	0.0	0.6	7.1	0.5				
31	.380	0.0	.345	.035	1.6	7.2	0.5				
Total	11.258	7.923	3.045	0.29	55.4	184.3	23.5	377.5	260.00	2.0	0.5
Mo. Avg.	0.363	0.256	.098	0.009	2.13	7.08	0.90	188.8	130.00	1.0	<0.5

RECEIVED

JAN 24 2014

D.E.H. Marathon

**PLANT STAFFING:**

Day Shift Operator      Class: B      Certificate No: 13317      Name: Ted Yarboro  
 Night Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

ISSUANCE/REISSUANCE DATE: February 20, 2012

### DAILY SAMPLE RESULTS - PART B

Permit Number: FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

Monitoring Period From: December 1, 2013 To December 31, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L					
Code	00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1									
2	<0.5	<1							
3	<0.5	<1	18.10	5.40					
4	2.6	<1							
5	1.0	<1							
6									
7									
8									
9	1.0	<1							
10	<0.5	<1							
11	<0.5	<1							
12	2.2	<1							
13									
14									
15									
16	1.0	<1							
17	1.4	<1	15.10	5.78					
18	2.6	<1							
19	2.2	<1							
20									
21									
22									
23	<0.5	<1							
24									
25									
26									
27									
28									
29									
30	<0.5	<1							
31									
<b>Total</b>	<b>15.5</b>	<b>14</b>	<b>33.2</b>	<b>11.18</b>					
<b>Mo. Avg.</b>	<b>1.11</b>	<b>&lt;1</b>	<b>16.6</b>	<b>5.59</b>					

**PLANT STAFFING:**

Day Shift Operator	Class: <u>B</u>	Certificate No: <u>13317</u>	Name: <u>Ted Yarboro</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>21394</u>	Name: <u>Robert Bellino</u>
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: <u>B</u>	Certificate No: <u>5355</u>	Name: <u>Mark Burkemper</u>



DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING: 6630 Front Street  
 ADDRESS: Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

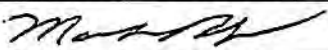
Key West, FL 33045

RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: November 1, 2013 To: November 30, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.182						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.420 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.125						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.011						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.009 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			1.0				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	12-19-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP R-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER:

MONITORING PERIOD From: -November 1, 2013 To: November 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.9		7.2			
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.	5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5					
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L	Continuous	Meter
Turbidity	Sample Measurement						1.1			
PARM Code 00070 B Mon. Site No. EPB-001	Permit Requirement						Report (Max.)	NTU	Continuous	Meter
Flow - TOTAL	Sample Measurement		.420							
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD					5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.20				
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L	Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2.0	0.5	1.0			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.382	.440							
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Ql.Avg.)	MGD					5 Days/Week	Calculated
Percent Capacity, (TMADP/Permitted Capacity) x 100	Sample Measurement						90%			
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						224			
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						235			
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP DESCRIPTION: two Class V injection wells

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

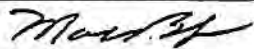
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: November 1, 2013 To: November 30, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.257							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.281 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	0.246							
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.28					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2.0	1.0	1.0			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			1.75					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			1.67	1.0	0.96			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	12.19.2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):



DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: November 1, 2013 To: November 30 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement				I					
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				I	1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH	Sample Measurement			6.9		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			0.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement				19.90					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement			24.80	10.75	21.5				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				5.10					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			5.4	2.08	4.17				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			Report(Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-


RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD

From: November 1, 2013 To: November 30, 2013

COUNTY: Monroe  
 South District

Parameter	Sample Measurement	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)		3.7						
PARM Code: B0008 Mon. Site No.: RMP-1	Permit Requirement	Report (Mo. Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	12-19-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

**DAILY SAMPLE RESULTS - PART B**

permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: November 1, 2013 To: November 30, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Codic	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	0.445	0.445	0.0	0.0	1.1	7.2	0.6				
2	0.341	0.341	0.0	0.0	1.5/0.8	7.2	0.5				
3	0.349	0.349	0.0	0.0	0	0	0				
4	0.348	0.348	0.0	0.0	2.0	7.2	0.4				
5	0.326	0.0	0.297	0.029	2.7	7.1	0.6	175.29	235.00	<2.0	<0.5
6	0.284	0.0	0.262	0.022	3.7	7.1	0.4				
7	0.353	0.0	0.331	0.022	2.6	7.1	0.3				
8	0.364	0.364	0.0	0.0	1.0	7.2	0.8				
9	0.357	0.0	0.324	0.033	2.2	7.1	1.3				
10	0.341	0.341	0.0	0.0	0	0	0				
11	0.341	0.341	0.0	0.0	0.8	7.1	0.4				
12	0.347	0.0	0.318	0.029	2.5	7.2	0.5				
13	0.387	0.0	0.367	0.020	5.0	7.0	0.3				
14	0.360	0.0	0.338	0.22	4.4	7.0	0.2				
15	0.320	0.0	0.294	0.026	4.2	7.0	0.8				
16	0.388	0.388	0.0	0.0	1.6	7.0	0.2				
17	0.399	0.399	0.0	0.0	0	0	0				
18	0.399	0.399	0.0	0.0	1.1	7.0	0.9				
19	0.391	0.0	0.357	0.034	1.6	7.1	0.7	224.00	213.00	<2.0	1.67
20	0.385	0.385	0.0	0.0	2.0	7.0	0.7				
21	0.379	0.0	0.347	0.032	3.0	7.0	1.0				
22	0.357	0.357	0.0	0.0	3.5	7.0	0.6				
23	0.375	0.0	0.340	0.035	1.5/0.6	7.0	0.5				
24	0.354	0.354	0.0	0.0	0	0	0				
25	0.355	0.355	0.0	0.0	2.2	7.1	0.7				
26	0.426	0.426	0.0	0.0	2.5	7.1	1.2				
27	0.568	0.568	0.0	0.0	0.8	6.9	0.6				
28	0.621	0.414	0.0	0.012	2.8	6.9	0.4				
29	0.417	0.417	0.0	0.0	2.7	6.9	0.4				
30	0.381	0.381	0.0	0.0	2.4	7.0	1.1				
31											
Total	11.458	7.372	3.770	0.316	59.8	183.9	16.3	399.2	488	2.0	1.92
Mo. Avg.	0.382	0.246	0.125	0.011	2.3	7.1	0.62	199.6	224	1.0	0.96

**PLANT STAFFING:**

Shift Operator      Class: B      Certificate No: 13317      Name: Ted Yarboro  
Day Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: November 1, 2013 To: November 30, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L					
Code	00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1									
2									
3									
4	<0.5	<1							
5	<0.5	<1	18.20	5.4					
6	1.8	<1							
7	1.2	<1							
8									
9									
10									
11	2.8	<1							
12	2.6	<1							
13	1.8	<1							
14	<0.5	<1							
15									
16									
17									
18	<0.5	<1							
19	<0.5	<1	24.80	2.94					
20	1.6	<1							
21	<0.5	<1							
22									
23									
24									
25	1.2	<1							
26	<0.5	<1							
27	<0.5	<1							
28									
29									
30									
31									
Total	15.0	15.0	43.0	8.34					
Mo. Avg.	1.2	0.0	21.5	4.17					

**PLANT STAFFING:**

Shift Operator      Class: B      Certificate No: 13317      Name: Ted Yarboro  
 Day Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper



DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

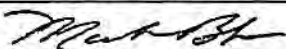
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: October 1, 2013 To: October 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.157						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.206						
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.012						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.009 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			2.34				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkenper / Lead Operator		(305)295-3301	11-22-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

NOV 21 2013  
 11:52 AM



DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: October 1, 2013 To: October 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				7.0	7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5					
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)		mg/L		Continuous	Meter
Turbidity	Sample Measurement					2.0				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement					Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement	.485								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement	0.499 (An.Avg.)		MGD					5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement				1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement				20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.05	1.53				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.) 30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.499	.422							
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD					5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					90%				
PARM Code 00180 1 Mon. Site No. FLW-001	Permit Requirement					Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement					366				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement					Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement					422				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement					Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

NOV 25 2013  
D.J.M. Marathón

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP: two Class V injection wells

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic


FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: October 1, 2013 To: October 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.246							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.281 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.281							
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.20					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2.05	153	1.53			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			1.61					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			2.34	1.30	1.28			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	11-22-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 NOV 25 2013  
 C.E.P. Marshman

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001  
 NUMBER:

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: \_\_ October 1, 2013 \_\_ To: October 31, 2013 \_\_

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-001	Sample Measurement				1					
	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal PARM Code 74055 A Mon. Site No. EFA-001	Sample Measurement				1	1				
	Permit Requirement				200 (Mo.Gco.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH PARM Code 00400 A Mon. Site No. EFA-001	Sample Measurement			7.0		7.2				
	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-001	Sample Measurement			0.5						
	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total PARM Code 00600 Y Mon. Site No. EFA-001	Sample Measurement				22.02					
	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total PARM Code 00600 A Mon. Site No. EFA-001	Sample Measurement			18.10	20.61	16.50				
	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 Y Mon. Site No. EFA-001	Sample Measurement				4.98					
	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 A Mon. Site No. EFA-001	Sample Measurement			6.41	5.08	6.23				
	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

NOV 21 2013  
 D. L. BARRON

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: October 1, 2013 To: October 31, 2013


REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

COUNTY: Monroe  
 South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Qty (Landfilled)	Sample Measurement	5.8						
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	11-22-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

NOV 27 2013  
 C. J. P. [Signature]



**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

Monitoring Period From: October 1, 2013 To: October 31, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	0.418	0.0	0.386	0.32	2.8	7.0	0.8				
2	0.465	0.0	0.465	0.0	2.9	7.1	0.8				
3	0.391	0.33	0.337	0.021	.5	7.1	2.0				
4	0.605	0.378	0.213	0.14	2.1	7.0	1.1				
5	0.511	0.541	0.0	0.0	1.0	7.1	1.0				
6	0.502	0.502	0.0	0.0							
7	0.501	0.501	0.0	0.0	2.5	7.1	0.8				
8	0.505	0.0	0.471	0.034	2.6	7.1	0.6				
9	0.469	0.460	0.460	0.009	2.9	7.2	0.7				
10	0.479	0.0	0.446	0.033	3.3	7.1	2.0				
11	0.462	0.462	0.0	0.0	1.4	7.1	0.7	263.53	249.00	2.05	2.34
12	0.488	0.488	0.0	0.0	0.8	7.1	0.6				
13	0.487	0.487	0.0	0.0							
14	0.487	0.487	0.0	0.0	0.8	7.0	0.4				
15	0.501	0.042	0.423	0.036	1.5/0.6	7.1	0.6				
16	0.522	0.196	0.302	0.024	0.7/1.5	7.1	0.4				
17	0.583	0.523	0.0	0.0	0.5	7.0	0.3				
18	0.515	0.0	0.482	0.033	1.6	7.1	0.4				
19	0.537	0.0	0.512	0.025	1.5	7.0	0.5				
20	0.519	0.519		0.0							
21	0.519	0.519	0.0	0.0	2.7	7.2	0.5				
22	0.528	0.0	0.495	0.033	2.5	7.1	0.2				
23	0.499	0.0	0.474	0.025	2.8	7.1	0.4	365.88	422.00	1.0	0.25
24	0.490	0.490	0.0	0.0	3.2	7.2	0.3				
25	0.594	0.594	0.0	0.0	0.6	7.1	1.3				
26	0.465	0.465	0.0	0.0	0.8	7.0	0.3				
27	0.475	0.475	0.0	0.0							
28	0.475	0.475	0.0	0.0	4.5	7.2	0.3				
29	0.529	0.0	0.495	0.034	3.2	7.1	0.3				
30	0.539	0.539	0.0	0.0	2.2	7.1	0.4				
31	0.455	0.0	0.423	0.032	3.4	7.1	0.4				
Total	15.485	8.716	6.384	.385	54.5	191.5	18.1	629.41	671	3.05	2.59
Mo. Avg.	.499	.281	.206	.012	2.02	7.09	0.67	314.7	333.5	1.53	1.30

**PLANT STAFFING:**

Shift Operator Class: B Certificate No: 13317 Name: Ted Yarbora  
 Day Shift Operator Class: C Certificate No: 21394 Name: Robert Bellino  
 Night Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: B Certificate No: 5355 Name: Mark Burkemper



**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: October 1, 2013 To: October 31, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L					
Code	00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1	<0.5	<1							
2	<0.5	<1							
3	<0.5								
4									
5									
6									
7	<0.5	<1							
8	<0.5	<1							
9	1.8	<1							
10	<0.5	<1							
11			14.90	6.04					
12									
13									
14	<0.5	<1							
15	<0.5	<1							
16	1.6	<1							
17	<0.5	<1							
18									
19									
20									
21	<0.5	<1							
22	3.6	<1	18.10	6.41					
23	<.5	<1							
24	1.4	<1							
25									
26									
27									
28	<0.5	<1							
29	<0.5	<1							
30	<0.5	<1							
31	<0.5	<1							
Total	12.15	19	33	12.45					
Mo. Avg.	0.64	<0.0	16.5	6.23					

NT STAFFING:  
 Shift Operator      Class: B      Certificate No: 13317      Name: Ted Yarbora  
 Day Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Steek Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

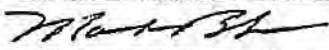
Key West, FL 33045

RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: September 1, 2013 To: September 30, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.157						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.208						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.009						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			1.8				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			0.5				
PARM Code 74055 A Mon. Site No. EPA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement		100%					
PARM Code 51005 A Mon. Site No. EPA-001	Permit Requirement		75 (Mo.Total)		percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	10/29/2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: September 1, 2013 To: September 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				7.0		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						1.9				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement	.411									
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement	0.499 (An.Avg.)		MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2	<2				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.452	.433								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (QL.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						90%				
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						233				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						187				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP DESCRIPTION: two Class V injection wells

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

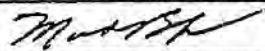
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St, Stock Island  
 Key West, FL 33045

RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: September 1, 2013 To: September 30, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.245							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.233							
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12					
PARM Code 80082 Y Mon. Site No. EPA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2	<2	<2			
PARM Code 80082 A Mon. Site No. EPA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			2.93					
PARM Code 00530 Y Mon. Site No. EPA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			2.33	2.33	1.29			
PARM Code 00530 A Mon. Site No. EPA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	10/24/2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED

OCT 26 2013

D.E.M. Narathin



FACILITY: Key West Resort Utility WWTP

DISCHARGE MONITORING REPORT - PART A (Continued)

MONITORING GROUP NUMBER: U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: September 1, 2013 To: September 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal PARM Code 74055 Y Mon. Site No. EFA-001	Sample Measurement				1					
	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal PARM Code 74055 A Mon. Site No. EFA-001	Sample Measurement				1	1				
	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH PARM Code 00400 A Mon. Site No. EFA-001	Sample Measurement				7.0					
	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-001	Sample Measurement				0.5					
	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Nitrogen, Total PARM Code 00600 Y Mon. Site No. EFA-001	Sample Measurement				22.02					
	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total PARM Code 00600 A Mon. Site No. EFA-001	Sample Measurement				16.8	15.2				
	Permit Requirement				Report (Max.)	Report (Wk.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 Y Mon. Site No. EFA-001	Sample Measurement				4.98					
	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P) PARM Code 00665 A Mon. Site No. EFA-001	Sample Measurement				5.45	4.87				
	Permit Requirement				Report (Max.)	Report (Wk.Avg.)	mg/L		Every 2 weeks	8-hr FPC

ISSUANCE/REISSUANCE DATE: February 20, 2012

DEP Form 62-620.910(10), Effective Nov. 29, 1994



**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K. W. Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-01 (DW2P)

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-


LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: September 1, 2013 To: September 30, 2013

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 South District

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement		4.0								
PARM Code: B0008 Mon. Site No: RMP-1	Permit Requirement		Report (Mo/Total)	dry tons				0		Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	10/24/2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

Monitoring Period From: September 1, 2013 To: September 30, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.393	.393									
2	.393	.393			3.2	7.1	1.8				
3	.421		.401	.020	1.6	7.2	1.9				
4	.553		.541	.012	1.6	7.0	1.8				
5	.512		.483	.029	1.7	7.1	1.8				
6	.430		.430		2.5	7.2	0.9				
7	.436		.403	.033	1.7	7.1	1.1				
8	.448	.448									
9	.448	.448			0.9	7.1	1.0				
10	.450	.450			3.0	7.2	0.9	233	187	<2.0	2.33
11	.449		.415	.034	1.5	7.1	0.8				
12	.419	.419			1.1	7.1	0.7				
13	.444	.444			1.0	7.1	0.7				
14	.413	0.078	.300	.035	0.9/1.5	7.0	0.7				
15	.416	.416									
16	.442	.442			0.8	7.0	0.7				
17	.608	.368	.228	.012	0.5/1.5	7.1	0.7				
18	.546		.540	.006	1.5	7.1	0.7				
19	.523		.523		2.5	7.1	0.8				
20	.527		.495	.032	1.5	7.2	0.8				
21	.421	.421			0.9	7.1	0.8				
22	.445	.445									
23	.445	.445			0.6	7.0	0.8				
24	.436		.404	.032	3.2	7.1	0.9	160	166	<2.0	<0.5
25	.404	.269	.124	.011	2.4	7.1	0.8				
26	.440		.412	.028	3.4	7.0	0.8				
27	.439	.293	.135	.011	2.4	7.0	0.8				
28	.426		.399	.027	1.8	7.1	0.8				
29	.417	.417									
30	.417	.417			3.0	7.1	0.8				
31											
Total	13.561	7.006	6.233	.322	45.2	177.3	24.3	393	353	2.0	2.58
Mo. Avg.	.452	.233	.208	.011	1.8	7.1	0.9	196.5	176.5	1.0	1.29

**PLANT STAFFING:**

Day Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright  
 y Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

ISSUANCE/REISSUANCE DATE: February 20, 2012

DEP Form 62-620.910(10), Effective Nov. 29, 1994

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: September 1, 2013 To: September 30, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100ml	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L					
Code	00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1									
2									
3	<.5	<1							
4	<.5	<1							
5	<.5	<1							
6									
7									
8									
9	<.5	<1							
10	<.5	<1	13.60	5.45					
11	<.5	<1							
12	<.5	<1							
13									
14									
15									
16	<.5	<1							
17	<.5	<1							
18	<.5	<1							
19	<.5	<1							
20									
21									
22									
23	<.5	<1							
24	<.5	<1	16.80	4.29					
25	1.8	<1							
26	<.5	<1							
27									
28									
29									
30	<.5	<1							
31									
Total	5.55	8	30.4	9.74					
Mo. Avg.	.035	0.5	15.2	4.87					

**PLANT STAFFING:**

Day Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright  
 Night Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Evening Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

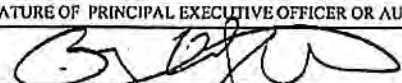
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: August 1, 2013 To: August 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.152						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.222						
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MDCD	Sample Measurement	.009						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			11.8				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			0.5				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Greg Wright / Operations Coordinator		(305)295-3301	09/25/2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

8-22-13 11.8 TSS was reported, but all effluent was sent to the wells

RECEIVED  
 SEP 26 2013  
 D.M.P. Operations



DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: August 1, 2013 To: August 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				7.0		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						1.9				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement	.401									
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement	0.499 (An.Avg.)		MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2		<2				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.406	.422								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Ql.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						81%				
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						196.52				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						190				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC



DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P  
 LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP: two Class V injection wells  
 DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: August 1, 2013 To: August 31, 2013

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.240							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.171							
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2	<2	<2			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			4.07					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)			mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			2	2	1.12			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Greg Wright / Operations Coordinator		(305)295-3301	09/25/2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001  
NUMBER:

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: August 1, 2013 To: August 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement				1					
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				1	1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH	Sample Measurement			7.0		7.2				
PARM Code 00400 A Mon. Site No. PFA-001	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			0.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement				23.72					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement			14.9	14.9	12.12				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				4.96					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			6.72	6.72	6.5				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: August 1, 2013 To: August 31, 2013

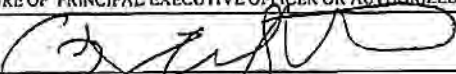
REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

COUNTY: Monroe  
 South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement	3.6						
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Greg Wright / Operations Coordinator		305-295-3301	09/25/2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

Monitoring Period From: August 1, 2013 To: August 31, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.343		.322	.021	1.5	7.2	1.2				
2	.381		.362	.019	1.5	7.2	1.0				
3	.368		.350	.018	1.6	7.1	1.2				
4	.355	.355									
5	.355	.355			3.5	7.0	1.6				
6	.378		.351	.027	1.5	7.1	1.9				
7	.380		.358	.022	1.5	7.1	1.2				
8	.396		.374	.022	1.5	7.2	1.5				
9	.397		.377	.020	3.1	7.1	1.1				
10	.388		.368	.020	2.5	7.0	1.3				
11	.445	.445									
12	.445	.445			1.0	7.2	0.8				
13	.395		.391	.004	1.7	7.1	0.9	196.52	190	<2.0	2.0
14	.387		.358	.029	1.5	7.1	0.9				
15	.394		.375	.019	1.5	7.2	0.6				
16	.400		.400		3.0	7.1	0.9				
17	.380		.348	.032	2.3	7.0	1.0				
18	.408	.408									
19	.391	.391			4.2	7.0	0.7				
20	.413		.384	.029	1.5	7.1	0.8				
21	.525		.510	.015	1.5	7.1	0.8				
22	.499	.499			0.5	7.1	0.7				
23	.467	.467			2.5	7.0	0.7				
24	.420	.420			0.8	7.0	0.8				
25	.431	.431									
26	.431	.431			0.8	7.0	1.0				
27	.415		.387	.028	1.5	7.0	1.3				
28	.396	.396			2.5	7.2	1.7	164.5	135	<2.0	<0.5
29	.406		.376	.030	2.2	7.2	1.9				
30	.395	.264	.122	.009	3.0	7.1	1.9				
31	.398		.370	.028	1.7	7.0	1.8				
Total	12.582	5.307	6.883	.392	51.9	191.5	31.2	361.02	325	2.0	2.25
Mo. Avg.	.406	.171	.222	.013	1.9	7.1	1.1	180.5	162.5	1.0	1.12

**PLANT STAFFING:**

Day Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright  
 Night Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: August 1, 2013 To: August 31, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L						
Code	00530	74055	00600	00665						
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001						
1	1.6	<1								
2										
3										
4										
5	1.0	<1								
6	4.6	<1								
7	1.6	<1								
8	1.2	<1								
9										
10										
11										
12	1.2	<1								
13	1.2	<1	9.33	6.72						
14	1.0	<1								
15	1.0	<1								
16										
17										
18										
19	<0.5	<1								
20	1.2	<1								
21	1.2	<1								
22	11.8	<1								
23										
24										
25										
26	<0.5	<1								
27	<0.5	<1								
28	<0.5	<1	14.90	6.28						
29	<0.5	<1								
30										
31										
Total	8.5	29.85	24.23	13						
Mo. Avg.	0.5	1.76	12.12	6.5						

**PLANT STAFFING:**

Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright  
 Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper



DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

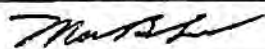
Key West, FL 33045

COUNTY: Monroe  
 OFFICE: South District

From: July 1, 2013 To: July 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.147						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.164						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.009						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			5.4		1		
PARM Code 00530 D Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			298		1		
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			94%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			.75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	08-26-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

The fecal violation was due to the operator topping off the fecal sample with the TSS sample.  
 The TSS violation was believed to be a deteriorating bottle, new bottles have been bought.

RECEIVED

AUG 26 2013

D.E.P. Marathon

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP R-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER:

MONITORING PERIOD From: July 1, 2013 To: July 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.9		7.2			
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.	5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5					
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L	Continuous	Meter
Turbidity	Sample Measurement						3.2			
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU	Continuous	Meter
Flow - TOTAL	Sample Measurement		.395							
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD					5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12				
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L	Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2	<2			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.441	.431							
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD					5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						88%			
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						291.18			
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						212.50			
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC


DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp. PERMIT NUMBER: FLA014951-011-DW2P  
 MAILING ADDRESS: 6630 Front Street Key West, Florida 33040  
 FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island Key West, FL 33045  
 COUNTY: Monroe  
 OFFICE: South District  
 LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP DESCRIPTION: two Class V injection wells  
 REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: July 1, 2013 To: July 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.239							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.269							
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2					
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			4.27					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			0.25	0.25	0.25			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	08-26-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: July 1, 2013 To: July 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement				1.48					
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				12.21	<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH	Sample Measurement			6.9		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			0.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement				25.10					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement			22.4	22.4	14.86				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				4.78					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			6.08	6.08	5.59				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC



**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
MAILING ADDRESS: 6630 Front Street  
Key West, Florida 33040

PERMIT NUMBER:

FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
LOCATION: 6630 Front St., Stock Island  
Key West, FL 33045-

LIMIT:  
CLASS SIZE:  
MONITORING GROUP NUMBER:  
MONITORING GROUP DESCRIPTION:  
RE-SUBMITTED DMR:   
NO DISCHARGE FROM SITE:   
MONITORING PERIOD

Final  
N/A  
RMP-Q  
Biosolids Quantity

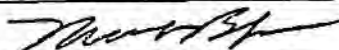
REPORT FREQUENCY: Monthly  
PROGRAM: Domestic

COUNTY: Monroe  
South District

From: July 1, 2013 To: July 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement	2.9						
PARM Code: B0008 + Mon. Site No: RMP-1	Permit Requirement	Report (Mo, Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	08-26-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994



### DAILY SAMPLE RESULTS - PART B

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: July 1, 2013 To: July 31, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.403	.403			0.5	7.1	1.0				
2	.367		.339	.028	2.1	6.9	2.5	291.18	212.50	<2.0	<0.5
3	.448		.425	.023	1.8	7.0	1.0				
4	.472	.472			1.0	6.9	1.2				
5	.415	.415			2.4	7.0	0.9				
6	.389	.389			0.5	7.0	0.9				
7	.403	.403									
8	.404	.404			1.4	7.1	2.3				
9	.399		.369	.030	1.6	7.2	2.7				
10	.405	.405			1.9	7.3	1.7				
11	.430		.402	.028	2.5	7.2	1.5				
12	.526	.526			1.6	7.2	1.9				
13	.423	.423			0.5	7.0	1.6				
14	.430	.430									
15	.430	.430			0.9	7.2	1.3				
16	.409		.377	.032	4.5	7.1	3.0	200.00	171.5	<2.0	<0.5
17	.478		.447	.031	1.6	7.0	1.4				
18	.717	.717			1.0	7.0	2.6				
19	.644	.644			2.3	7.0	3.2				
20	.511	.511			1.0	7.1	0.6				
21	.449	.449									
22	.448	.448			0.8	7.0	0.8				
23	.446		.446		4.0	7.1	1.9				
24	.416		.402	.014	1.8	7.2	0.8				
25	.446		.431	.015	1.8	7.1	2.0				
26	.426		.408	.018	4.1	7.2	0.9				
27	.399		.379	.020	1.5	7.1	1.2				
28	.398	.398									
29	.372	.372			4.5	7.0	1.6				
30	.388		.363	.025	3.5	7.1	1.0	216.00	184.5	<2.0	<0.5
31	.376		.274	.009	1.5/0.8	7.1	2.0				
Total	13.667	8.332	5.062	.273	51.9	191.2	43.5	707.18	568.5	3	0.75
Mo. Avg.	.441	.269	.164	.008	1.9	7.0	1.6	235.7	189.5	1.0	0.25

**PLANT STAFFING:**

Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright  
 Day Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: July 1, 2013 To: July 31, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L						
Code	00530	74055	00600	00665						
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001						
1	1.4	<1								
2	<0.5	<1	22.4	5.84						
3	3.2	<1								
4										
5										
6										
7										
8	<0.5	<1								
9	5.4	<1								
10	<0.5	<1								
11	<0.5	<1								
12										
13										
14										
15	2.2	<1								
16	<0.5	<1	10.80	4.85						
17	<0.5	<1								
18	<0.5	<1								
19										
20										
21										
22	<0.5	<1								
23	2.4	<1								
24	2.2	<1								
25	2.0	<1								
26										
27										
28										
29	<0.5	<1								
30	2.0	298	11.4	6.08						
31	<0.5	<1								
Total	23.3	306.5	44.6	16.77						
Mo. Avg.	1.29	17.0	14.86	5.59						

**PLANT STAFFING:**  
 Night Shift Operator Class: C Certificate No: 20501 Name: Greg Wright  
 Day Shift Operator Class: C Certificate No: 21394 Name: Robert Bellino  
 Night Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: B Certificate No: 5355 Name: Mark Burkenper

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

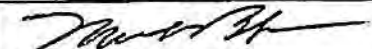
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Inflow  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: June 1, 2013 To: June 30, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.143						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.122						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.009						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			1.4				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	07-24-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

10/25/13  
 JUL 25 2013  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: June 1, 2013 To: June 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.9		7.1				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						2.4				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.388								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/l.		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2	<2				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.420	.419								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Ql.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						84%				
PARM Code 00180 1 Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						422 J				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/l.		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						237				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

ISSUANCE/REISSUANCE DATE: February 20, 2012

DEP Form 62-620,910(10), Effective Nov. 29, 1994

Docket No. 150071-SU  
 Engineering MFRS  
 Exhibit CAJ-2, Page 54 of 346

JUL 25 2013  
 C.S.P. M...



DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER:

FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT:  
 CLASS SIZE:  
 MONITORING GROUP NUMBER:  
 MONITORING GROUP

Final  
 N/A  
 U-001  
 two Class V injection wells

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

Key West, FL 33045


DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD

From: June 1, 2013 To: June 30, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.236							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.291							
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2	<2	<2			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			4.31					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)			mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			2.0	2.0	1.92			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	07-24-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):



DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: June 1, 2013 To: June 30, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement				<1					
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				1	1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH	Sample Measurement			6.9		7.1				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			0.6						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement				26.18					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement			22.6	22.6	15.6				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				4.62					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			4.63	4.63	4.41				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

RECEIVED  
JUL 25 2013  
D.E.P. Monitoring

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER:

FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

LIMIT:  
 CLASS SIZE:  
 MONITORING GROUP NUMBER:  
 MONITORING GROUP DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: June 1, 2013 To: June 30, 2013


Final  
 N/A  
 RMP-Q  
 Biosolids Quantity

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

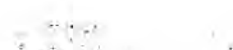
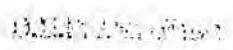
COUNTY: Monroe  
 South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement	3.8						
PARM Code: B0008 Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	07-24-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

  
 JUL 25 2013  


ISSUANCE/REISSUANCE DATE:

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: June 1, 2013 To: June 30, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.426	.426			0.9	6.9	0.9				
2	.422	.422									
3	.421	.421			0.8	7.0	1.2				
4	.438	.438			1.3	7.1	0.7	302.94	237.0	<2.0	1.84
5	.444	.444			0.8	7.0	0.6				
6	.458	.458			4.4	7.0	0.6				
7	.581	.581			0.6	7.1	0.7				
8	.419	.419			0.8	7.0	0.8				
9	.427	.427									
10	.426	.426			0.7	7.0	1.2				
11	.386	.386			0.6	7.0	1.1				
12	.437		.401	.036	1.5	7.1	0.6				
13	.622	.622			1.4	7.0	0.6				
14	.566	.566			0.7	7.0	0.8				
15	.385	.385			1.0	7.1	0.7				
16	.382	.382									
17	.382	.382			0.9	7.1	0.6				
18	.405		.405		1.8	7.0	0.7	422.0 J	203.0	<2.0	2.0
19	.347		.314	.033	1.8	7.0	0.7				
20	.374		.348	.026	1.5	7.0	0.8				
21	.414		.414		1.6	7.0	0.9				
22	.336		.303	.033	1.5	7.1	0.9				
23	.371	.371									
24	.371	.371			2.0	7.0	1.0				
25	.375		.351	.024	2.5	7.0	1.0				
26	.399		.383	.016	2.3	7.1	1.6				
27	.390		.371	.019	1.6	6.9	2.8				
28	.394		.373	.021	4.0	7.0	2.4				
29	.413	.413			1.3	7.0	2.4				
30	.379	.379									
31											
Total	12.590	8.719	3.663	.208	38.3	175.5	26.3	724.94	440	2.0	3.84
Mo. Avg.	.420	.291	.122	.007	1.5	7.02	1.05	362.47	220	1.0	1.92

NT STAFFING:  
 Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright  
 Day Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino  
 Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_  
 Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

**DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

Monitoring Period From: June 1, 2013 To: June 30, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L					
Code	00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1									
2									
3									
4			22.6	4.63					
5	<0.5	<1							
6									
7									
8									
9									
10	<0.5	<1							
11	<0.5	<1							
12	<0.5	<1 Q							
13	<0.5	<1							
14									
15									
16									
17	1.4	<1							
18	<0.5	<1	8.59	4.19					
19	<0.5	<1							
20	<0.5	<1							
21									
22									
23									
24	<0.5	<1							
25	<0.5	<1							
26	1.2	<1							
27	<0.5	<1							
28									
29									
30									
31									
Total	5.1	6.5	31.19	8.82					
Mo. Avg.	0.43	0.5	15.6	4.41					

ANT STAFFING:  
 Day Shift Operator Class: C Certificate No: 20501 Name: Greg Wright  
 Day Shift Operator Class: C Certificate No: 21394 Name: Robert Bellino  
 Night Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: B Certificate No: 5355 Name: Mark Burkemper

ISSUANCE/REISSUANCE DATE: February 20, 2012



**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P


FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP: reuse storage golf course pond and irrigation system, with Influent  
 DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: May 1, 2013 To: May 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.140						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.174						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.010						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			2.2				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	06-24-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED

JUN 26 2013

D.E.P. Marathon

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: May 1, 2013 To: May 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.7	7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5					
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)		mg/L		Continuous	Meter
Turbidity	Sample Measurement					3.0				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement					Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement	.384								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement	0.499 (An.Avg.)		MGD					5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12				
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.433	.415							
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Ql.Avg.)	MGD					5 Days/Week	Calculated
Percent Capacity, (TMADP/Permitted Capacity) x 100	Sample Measurement						83%			
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						282.35			
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						205			
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC

RECEIVED

JUN 26 2013

D.E.P. Marathon

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER:

FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP: two Class V injection wells

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic


Key West, FL 33045

DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: May 1, 2013 To: May 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.234							
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.252							
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2					
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			4.23					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			3.00		1.63			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	06-24-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 JUN 26 2013  
 D.E.P. Station

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER:

MONITORING PERIOD From: May 1, 2013 To:

May 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement				<1						
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				200 (An.Avg.)		#/100mL			Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				1	1					
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL			Every 2 weeks	Grab
pH	Sample Measurement				6.7	7.2					
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.			5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				0.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				0.5 (Min.)		mg/L			5 Days/Week	Grab
Nitrogen, Total	Sample Measurement				27.58						
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L			Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement				22.3	22.3	21.9				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement				Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement					4.60					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement					Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				6.36	6.36	5.81				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement				Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

RECEIVED  
JUN 28 2013  
E.L.M. Marathos



DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

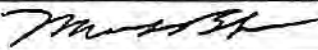
LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Blosolids Quantity  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: May 1, 2013 To: May 31, 2013

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Blosolids Quantity (Landfilled)	Sample Measurement	5.0						
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	06-24-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 JUN 26 2013  
 D.E.P. Marathon

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

### DAILY SAMPLE RESULTS - PART B

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: May 1, 2013 To: May 31, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.431		.411	.020	1.5	7.1	0.6				
2	.443		.431	.012	1.8	7.0	1.6				
3	.599	.599			0.6	6.7	1.6				
4	.643	.643			0.7	6.7	1.6				
5	.552	.552									
6	.551	.551			0.5	6.9	2.7				
7	.455	.455			0.6	6.9	1.6	182.94	196	<2.0	<0.5
8	.454	.454			1.3	7.0	1.0				
9	.460	.460			1.7	7.2	2.1				
10	.407		.394	.013	1.6	7.0	3.0				
11	.345		.344	.001	2.1	7.1	2.0				
12	.380	.380									
13	.390	.390			2.6	6.9	1.6				
14	.366	.366			1.2	7.0	1.4				
15	.396		.384	.012	1.5	7.1	2.9				
16	.393		.380	.013	1.7	7.1	1.8				
17	.362		.346	.016	1.8	7.1	1.8				
18	.348		.335	.013	1.5	7.2	1.0				
19	.342	.342									
20	.341	.341			1.5	7.1	1.1				
21	.380		.370	.010	1.7	7.1	1.4				
22	.379		.368	.011	2.5	7.2	1.4	282.35	205	<2.0	3.0
23	.392		.380	.012	1.5	7.1	1.2				
24	.367		.348	.019	1.6	7.1	2.1				
25	.410		.389	.021	1.7	7.0	1.4				
26	.348	.348									
27	.348	.348			1.3	7.0	1.4				
28	.391		.371	.020	1.3	7.0	1.4				
29	.482	.306	.151	.025	1.5/0.5	7.2	1.7				
30	.663	.663			0.5	6.8	1.8				
31	.620	.620			0.5	6.9	2.0				
Total	13.438	7.818	5.402	.218	36.85	189.5	45.2	465.29	401	2	3.25
Mo. Avg.	.433	.252	.174	.007	1.4	7.0	1.7	232.6	200.5	1	1.63

**PLANT STAFFING:**

Shift Operator      Class: C      Certificate No: 20501      Name: Greg Wright

Day Shift Operator      Class: C      Certificate No: 21394      Name: Robert Bellino

Night Shift Operator      Class: \_\_\_\_\_      Certificate No: \_\_\_\_\_      Name: \_\_\_\_\_

Lead Operator      Class: B      Certificate No: 5355      Name: Mark Burkemper

### DAILY SAMPLE RESULTS - PART B

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: May 1, 2013 To: May 31, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L					
Code	00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1	<0.5	<1							
2	<0.5	<1							
3									
4									
5									
6	<0.5	<1							
7	1.2	<1	21.5	5.25					
8	2.2	<1							
9	1.2	<1							
10									
11									
12									
13	<0.5	<1							
14	<0.5	<1							
15	<0.5	<1							
16	<0.5	<1							
17									
18									
19									
20	<0.5	<1							
21	<0.5	<1							
22	<0.5	<1	22.3	6.36					
23	<0.5	<1							
24									
25									
26									
27									
28	<0.5	<1							
29									
30									
31									
Total	7.6	7.5	43.8	11.61					
Mo. Avg.	0.51	0.5	21.9	5.81					

RECEIVED  
 JUN 26 2013  
 C.E.F. Marathon

PLANT STAFFING:  
 Day Shift Operator  
 Night Shift Operator  
 Lead Operator

Class: C Certificate No: 20501 Name: Greg Wright  
 Class: C Certificate No: 21394 Name: Robert Bellino  
 Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Class: B Certificate No: 5355 Name: Mark Burkemper

ISSUANCE/REISSUANCE DATE: February 20, 2012

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

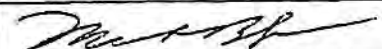
LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: April 1, 2013 To: April 30, 2013

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.132						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.242						
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.012						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			5.2		1		
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	05-23-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

KWRU in-house split sample on 4-25-13 resulted in 2.8mg/L. It is also possible that the operator pulled the sample immediately after a backwash cycle.

*[Handwritten signature]*

MAY 23 2013

O.E.P. Marathon



## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: April 1, 2013 To: April 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.7		7.2			
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.	5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5					
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L	Continuous	Meter
Turbidity	Sample Measurement						2.8			
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU	Continuous	Meter
Flow - TOTAL	Sample Measurement	.378								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement	0.499 (An.Avg.)		MGD					5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12				
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L	Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2	<2			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.403	.402							
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Ql.Avg.)	MGD					5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						80.6%			
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						441.5			
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						424			
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	Bi-weekly; every 2 weeks	8-hr PPC

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MAY 29 2013

D.E.P. Warathon

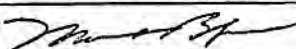
DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp. PERMIT NUMBER: FLA014951-011-DW2P  
 MAILING ADDRESS: 6630 Front Street Key West, Florida 33040  
 FACILITY: Key West Resort Utility WWTP LIMIT: Final REPORT FREQUENCY: Monthly  
 LOCATION: 6630 Front St., Stock Island MONITORING GROUP NUMBER: U-001 PROGRAM: Domestic  
 Key West, FL 33045 DESCRIPTION: two Class V injection wells  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 COUNTY: Monroe MONITORING PERIOD From: April 1, 2013 To: April 30, 2013  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement			.234					
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement		MGD	0.499 (An.Avg.)			5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement			.149					
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement		MGD	Report (Mo.Avg.)			5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			<2					
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			4.18					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
Solids, Total Suspended	Sample Measurement			2.67	2.67	2.17			
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	05-23-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED

MAY 23 2013

D.E.P. Marathon

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER:

MONITORING PERIOD From: April 1, 2013 To: April 30, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement			<1						
PARM Code 74055 Y Mon. Site No. BFA-001	Permit Requirement			200 (An.Avg.)			#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement			1	1					
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			200 (Mo.Geo.Mn.)	800 (Max.)		#/100mL		Every 2 weeks	Grab
pH	Sample Measurement			6.7		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			1.0						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement			27.95						
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement			Report (An.Avg.)			mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement			16.5	16.5	15.1				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			4.52						
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement			Report (An.Avg.)			mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			5.53	5.53	5.31				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

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MAY 28 2013

D.E.P. Marathon

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: April 1, 2013 To: April 30, 2013

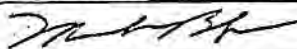
REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

COUNTY: Monroe  
 South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement	5.7						
PARM Code B0008 Mon Site No: RMP-1	Permit Requirement	Report (Mo, Total)	dry tons			0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Durkinper / Lead Operator		305-295-3301	05-23-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 MAY 23 2013  
 D.E.P. Marathon

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994



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MAY 28 2013

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP, D.E.P. Marathon**

Monitoring Period From: April 1, 2013 To: April 30, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.417	.417			2.5	6.7	0.6				
2	.420		.420		1.6	6.9	0.6				
3	.416		.416		2.7	6.8	0.6				
4	.417		.417		2.7	6.8	0.7				
5	.411		.411		3.0	6.9	0.7				
6	.404	.253	.151		2.5	6.9	0.7				
7	.449	.449									
8	.448	.448			3.2	6.9	0.6				
9	.399		.381	.018	3.3	7.0	0.6	441.5	424	<2.0	2.67
10	.428		.409	.019	2.5	7.0	0.7				
11	.348		.319	.029	3.0	7.1	0.8				
12	.429		.410	.019	1.7	7.1	0.8				
13	.376	.235	.111	.030	1.6	7.0	0.9				
14	.395	.395									
15	.395	.395			1.5	6.9	1.0				
16	.397		.373	.024	1.6	7.0	1.0				
17	.412		.393	.019	3.0	7.1	1.1				
18	.379		.360	.019	2.0	7.1	1.2				
19	.376		.356	.020	1.6	7.0	1.4				
20	.430	.269	.142	.019	1.7	7.0	1.2				
21	.405	.405									
22	.405	.405			1.7	7.0	1.5				
23	.395		.364	.031	1.6	7.0	1.7				
24	.337		.319	.018	1.6	6.9	1.7	316.92	193	<2.0	1.67
25	.422		.402	.020	1.7	7.0	1.6				
26	.412		.394	.018	1.7	7.1	1.5				
27	.381		.361	.020	1.5	7.1	1.8				
28	.392	.392									
29	.393	.393			1.0	7.2	1.5				
30	.390		.364	.026	1.5	7.0	2.8				
31											
Total	12.078	4.456	7.273	.349	54	181.5	29.3	758.42	617	2.0	4.34
Mo. Avg.	.403	.149	.242	.012	2.07	6.9	1.1	379.2	308.5	1.0	2.17

ST STAFFING:  
 Shift Operator Class: C Certificate No: 20501 Name: Greg Wright  
 Day Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Lead Operator Class: B Certificate No: 5355 Name: Mark Burkemper

RECEIVED

**DAILY SAMPLE RESULTS - PART B**

mit Number: FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

MAY 26 2013

Monitoring Period From: April 1, 2013 To: April 30, 2013

D.E.P. Marathon

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L						
Code	00530	74055	00600	00665						
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001						
1	<0.5	<1								
2	<0.5	<1								
3	<0.5	<1								
4	<0.5	<1								
5										
6										
7										
8	<0.5	<1								
9	1.8	<1	13.7	5.09						
10	1.2	<1								
11	<0.5	<1								
12										
13										
14										
15	<0.5	<1								
16	<0.5	<1								
17	1.8	<1								
18	<0.5	<1								
19										
20										
21										
22	<0.5	<1								
23	3.8	<1								
24	1.6	<1	16.5	5.53						
25	5.2	<1								
26										
27										
28										
29	<0.5	<1								
30	<0.5	<1								
31										
Total	18.4	9	30.2	10.62						
Mo. Avg.	1.02	0.5	15.1	5.31						

ANT STAFFING:  
 y Shift Operator Class: C Certificate No: 20501 Name: Greg Wright  
 Day Shift Operator Class: Certificate No: Name:  
 Night Shift Operator Class: Certificate No: Name:  
 Lead Operator Class: B Certificate No: 5355 Name: Mark Burkemper

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

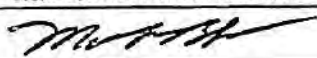
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: March 1, 2013 To: March 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.125						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.189						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.014						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			3.4				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100ml.		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement		100%					
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement		75 (Mo.Total)		percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	04-25-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED

APR 23 2013

D.E.P. Marathon

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: March 1, 2013 To: March 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.5		6.9				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						1.2				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.371								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				3.2	2.1	2.1				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.408	.398								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						79.8%				
PARM Code 00180 J Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						402.5				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						279				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

ISSUANCE/REISSUANCE DATE: February 20, 2012

DEP Form 62-620.910(10), Effective Nov. 29, 1994

RECEIVED

APR 29 2013

D.E.P. Marathon

Docket No. 150071-SU  
Engineering MFRs  
Exhibit CAJ-2, Page 75 of 346




DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

**PERMITTEE NAME:** K W Resort Utility, Corp. **PERMIT NUMBER:** FLA014951-011-DW2P  
**MAILING ADDRESS:** 6630 Front Street **LIMIT:** Final **REPORT FREQUENCY:** Monthly  
 Key West, Florida 33040 **CLASS SIZE:** N/A **PROGRAM:** Domestic  
**FACILITY:** Key West Resort Utility WWTP **MONITORING GROUP NUMBER:** U-001  
**LOCATION:** 6630 Front St., Stock Island **MONITORING GROUP DESCRIPTION:** two Class V injection wells  
 Key West, FL 33045 **RE-SUBMITTED DMR:**   
**COUNTY:** Monroe **NO DISCHARGE FROM SITE:**   
**OFFICE:** South District **MONITORING PERIOD** From: March 1, 2013 To: March 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement	.233						
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - WELLS	Sample Measurement	.216						
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.12				
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement			3.2	2.1	2.1		
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks
Solids, Total Suspended	Sample Measurement			4.08				
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)			mg/L	Every 2 weeks
Solids, Total Suspended	Sample Measurement			6.67	4.17	4.17		
PARM Code 00530 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	04-25-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 APR 29 2013  
 D.E.P. Marathon

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER:

MONITORING PERIOD From: March 1, 2013 To:

March 31, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement				<1					
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement			1		<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH	Sample Measurement			6.5		6.9				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement			6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			0.6						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement				29.01					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement			24.7	24.6	24.6				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				4.39					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			5.31	4.27	4.27				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

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APR 29 2013

D.E.P. Marathon

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-


LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: RMP-Q  
 MONITORING GROUP DESCRIPTION: Biosolids Quantity  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: March 1, 2013 To: March 31, 2013

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement							
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	5.5	dry tons	Report (Mo./Total)		0	Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	04-25-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 APR 29 2013  
 D.E.P. Marathon

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

Docket No. 150071-SU  
 Engineering MFRs  
 Exhibit CAJ-2, Page 78 of 346

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: March 1, 2013 To: March 31, 2013

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.395		.384	.011	1.6	6.5	0.8				
2	.403	.252	.140	.011	1.7	6.7	0.8				
3	.358	.358									
4	.359	.359			0.8	6.6	1.0				
5	.400	.400			0.7	6.5	0.2				
6	.386	.386			1.5	6.6	0.3				
7	.404		.374	.030	1.6	6.6	1.0				
8	.378		.355	.023	1.5	6.7	1.1				
9	.420	.262	.146	.012	1.4	6.7	0.9				
10	.390	.390									
11	.390	.390			2.0	6.7	0.9				
12	.427	.267	.151	.009	1.5/0.6	6.6	1.0	290.5	279	3.2	6.67
13	.439		.439		1.5	6.7	1.0				
14	.440		.440		3.5	6.8	0.7				
15	.420		.420		1.5	6.8	0.8				
16	.417	.278	.139		1.7	6.9	0.9				
17	.399	.399									
18	.400	.400			4.8	6.8	0.9				
19	.400		.400		2.0	6.8	1.0				
20	.486		.486		1.7	6.9	1.0				
21	.449		.449		1.6	6.8	0.7				
22	.458	.458			0.6	6.7	0.9				
23	.396	.396			0.6	6.9	1.2				
24	.424	.424									
25	.424	.424			0.8	6.9	1.2				
26	.380		.380		1.6	6.9	1.2	402.5	179.01	<2	1.67
27	.383		.383		1.5	6.6	0.7				
28	.395	.033	.362		1.5/1.0	6.6	0.7				
29	.403		.403		1.5	6.6	0.9				
30	.403	.403			1.3	6.7	0.8				
31	.416	.416									
Total	12.642	6.695	5.851	.096	40.6	174.6	22.6	693	458	4.2	8.34
Mo. Avg.	.408	.216	.189	.003	1.6	6.72	0.87	346.5	229	2.1	4.17

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PLANT STAFFING:

Day Shift Operator Class: C Certificate No: 20501 Name: Greg Wright  
 Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: \_\_\_\_\_  
 Night Shift Operator Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_ Name: D.E.P. Narathos  
 Lead Operator Class: B Certificate No: 5355 Name: Mark Burkemper

APR 29 2013



### DAILY SAMPLE RESULTS - PART B

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: March 1, 2013 To: March 31, 2013

Code	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L				
00530	74055	00600	00665					
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001				
1								
2								
3								
4	<0.5	<1						
5	<0.5	<1						
6	<0.5	<1						
7	<0.5	<1						
8								
9								
10								
11	<0.5	<1						
12	3.4	<1	24.7	5.31				
13	<0.5	<1						
14	<0.5	<1						
15								
16								
17								
18	<0.5	<1						
19	<0.5	<1						
20	<0.5	<1						
21	<0.5	<1						
22								
23								
24								
25	<0.5	<1						
26	<0.5	<1	24.5	3.24				
27	<0.5	<1						
28	<0.5	<1						
29								
30								
31								
<b>Total</b>	<b>7.15</b>	<b>8</b>	<b>49.2</b>	<b>8.55</b>				
<b>Mo. Avg.</b>	<b>0.45</b>	<b>0.5</b>	<b>24.6</b>	<b>4.27</b>				

**RECEIVED**

**APR 29 2013**

**PLANT STAFFING:**

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>20501</u>	Name: <u>Greg Wright</u>
Shift Operator	Class: _____	Certificate No: _____	Name: _____
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: <u>B</u>	Certificate No: <u>5355</u>	Name: <u>Mark Burkemper</u>

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

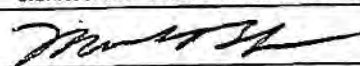
FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: February 1, 2013 To: February 28, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.120						
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.121						
PARM Code 50050 I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.017						
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			2.2				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			.25 (Max.)	#100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	03-25-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**RECEIVED**  
 MAR 27 2013  
 D.E.P. Marathon

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: February 1, 2013 To: February 28, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.5		6.8				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						3.4				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.365								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.03					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				1.0	1.0	1.0				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.395	.397								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						79.5%				
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						373				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						275				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

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MAR 27 2013

D.E.P. Marathon

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 2295 Victoria Ave, Suite 364, Ft. Myers, FL 33901-3875

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: U-001  
 MONITORING GROUP DESCRIPTION: two Class V injection wells

REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic


FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

COUNTY: Monroe  
 OFFICE: South District

RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: February 1, 2013 To: February 28, 2013

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow - WELLS	Sample Measurement	.228							
PARM Code 50050 - Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer	
Flow - WELLS	Sample Measurement	.272							
PARM Code 50050 - 1: Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.03					
PARM Code 80082 - Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)	mg/L		Every 2 weeks	8-hr FPC	
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1.0	1.0	1.0			
PARM Code 80082 - A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			3.78					
PARM Code 00530 - Y Mon. Site No. EFA-001	Permit Requirement			20.0 (An.Avg.)			mg/L	Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			0.25	0.25	0.25			
PARM Code 00530 - A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Every 2 weeks	8-hr FPC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	03-25-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED

MAR 27 2013

D.E.P. Marathon



DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP U-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER:

MONITORING PERIOD From: February 1, 2013 To: February 28, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement					<1					
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement					200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement					1	<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement					200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
pH	Sample Measurement				6.5		7.8				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				0.6						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					28.16					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement					Report □An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement				23.70	17.19	17.19				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement				Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement					4.45					
PARM Code 00665 Y Mon. Site No. EFA-001	Permit Requirement					Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				4.79	4.13	4.13				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement				Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

RECEIVED  
MAR 27 2013  
D.E.P. Marathon

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL 33050

PERMITTEE NAME: K W Utility Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER:

FLA014951-011-DW2P

FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045-

LIMIT:  
 CLASS SIZE:  
 MONITORING GROUP NUMBER:  
 MONITORING GROUP DESCRIPTION:  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD

Final  
 N/A  
 RMP-Q  
 Biosolids Quantity

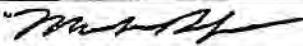
REPORT FREQUENCY: Monthly  
 PROGRAM: Domestic

COUNTY: Monroe  
 South District

From: February 1, 2013 To: February 28, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 Mon-Site No. RMP-1	Permit Requirement	5.9	Report (Mo/Total)	dry tons				0	Monthly	Calculated	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		305-295-3301	03-25-13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

RECEIVED  
 MAR 27 2013  
 D.E.P. Marathon

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

Docket No. 150071-SU  
 Engineering MFRs  
 Exhibit CAJ-2, Page 85 of 346

**DAILY SAMPLE RESULTS - PART B**

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: **February 1, 2013** To: **February 28, 2013**

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceous 5 day, 20C mg/L	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Site	FLW-001	FLW-002	FLW-003	FLW-004	EFA-001	EFA-001	EFB-001	INF-001	INF-001	EFA-001	EFA-001
1	.404	.404			1.7	6.5	OPS				
2	.382	.382			0.6	6.6	OPS				
3	.381	.381									
4	.382	.382			0.6	6.6	0.3				
5	.393	.393			5.0	6.5	2.0				
6	.439	.439			0.7	6.5	2.2				
7	.389	.389			1.6	6.6	0.7				
8	.416	.416			0.5	6.5	0.8				
9	.433	.433			0.7	6.6	0.6				
10	.413	.413									
11	.414	.414			0.6	6.6	0.8				
12	.415		.415		1.6	6.6	2.7	342	246	<2.0	<0.5
13	.404		.404		1.5	6.5	0.6				
14	.423		.423		1.8	6.6	1.9				
15	.412		.412		1.7	6.7	3.4				
16	.393	.393			2.4	6.8	3.3				
17	.400	.400									
18	.399	.399			3.5	6.7	0.5				
19	.368	.215	.140	.013	1.5/1.0	6.5	1.0				
20	.385		.385		2.7	6.6	1.2				
21	.383	.383			1.8	6.6	1.8				
22	.377		.365	.012	2.0	6.7	2.0				
23	.414	.414			1.6	6.7	1.8				
24	.370	.370									
25	.371	.371			0.7	6.7	1.5				
26	.361	.226	.130	.005	1.5/0.8	6.5	3.0	373	275	<2.0	<0.5
27	.365		.355	.010	1.6	6.6	0.5				
28	.388		.361	.027	1.7	6.5	0.5				
29											
30											
31											
Total	11.074	7.617	3.39	.067	38.4	158.3	33.1	715	521	2	0.5
Mo. Avg.	.395	.272	.121	.002	1.6	6.6	1.5	357.5	260.5	1	0.25

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NT STAFFING:  
 Shift Operator

Class: C Certificate No: 20501

Name: Greg Wright

Day Shift Operator

Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_

Name: \_\_\_\_\_

Night Shift Operator

Class: \_\_\_\_\_ Certificate No: \_\_\_\_\_

Name: \_\_\_\_\_

Lead Operator

Class: B Certificate No: 5355

Name: Mark Burkemper

**MAR 27 2013**

**D.E.P. Marsh...**

### DAILY SAMPLE RESULTS - PART B

Permit Number: **FLA014951-011-DW2P**

Facility: **Key West Resort Utility WWTP**

Monitoring Period From: February 1, 2013 To: February 28, 2013

	Solids, Total Suspended mg/L Reuse	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L				
Code	00530	74055	00600	00665				
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001				
1								
2								
3								
4	1.0	<1						
5								
6								
7								
8								
9								
10								
11	2.2	<1						
12	1.6	<1	23.7	3.46				
13	<0.5	<1						
4	1.4	<1						
15								
16								
17								
18	<0.5	<1						
19	<0.5	<1						
20	<0.5	<1						
21	<0.5	<1						
22								
23								
24								
25	1.8	<1						
26	<0.5	<1	8.68	4.79				
27	<0.5	<1						
28	<0.5	<1						
29								
30								
31								
<b>Total</b>	<b>10</b>	<b>13</b>	<b>34.38</b>	<b>8.25</b>				
<b>Mo. Avg.</b>	<b>0.77</b>	<b>0.5</b>	<b>17.19</b>	<b>4.13</b>				

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**PLANT STAFFING:**

Shift Operator	Class: <u>C</u>	Certificate No: <u>20501</u>	Name: <u>Greg Wright</u>	<u>MAR 27 2013</u>
Day Shift Operator	Class: _____	Certificate No: _____	Name: _____	
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____	<u>D.E.P. Marathon</u>
Lead Operator	Class: <u>B</u>	Certificate No: <u>5355</u>	Name: <u>Mark Burkemper</u>	

ISSUANCE/REISSUANCE DATE: February 20, 2012



**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, South District Branch Office, 2796 Overseas Highway, Suite 221, Marathon, FL, 33050

PERMITTEE NAME: K W Resort Utility, Corp.  
 MAILING ADDRESS: 6630 Front Street  
 Key West, Florida 33040

PERMIT NUMBER: FLA014951-011-DW2P


FACILITY: Key West Resort Utility WWTP  
 LOCATION: 6630 Front St., Stock Island  
 Key West, FL 33045

LIMIT: Final  
 CLASS SIZE: N/A  
 MONITORING GROUP NUMBER: R-001  
 MONITORING GROUP DESCRIPTION: reuse storage golf course pond and irrigation system, with Influent  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: January 1, 2013 To: January 31, 2013

COUNTY: Monroe  
 OFFICE: South District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement	.120						
PARM Code 50050 - Y Mon. Site No. FLW-003	Permit Requirement	0.499 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.078						
PARM Code 50050 - I Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.018						
PARM Code 50050 - Q Mon. Site No. FLW-004	Permit Requirement	0.06 (An.Avg.)	MGD				5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement			2.0				
PARM Code 00530 - B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			<1				
PARM Code 74055 - A Mon. Site No. EFA-001	Permit Requirement			25 (Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement			100%				
PARM Code 51005 - A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)	percent		4 Days/Week	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator		(305)295-3301	02-18-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

**RECEIVED**

FEB 20 2013

D.E.P. Marathon

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: January 1, 2013 To: January 31, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.5		7.1				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.8						
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement						1.9				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement						Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.362								
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD						5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.03					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				2.0	2.0	1.3				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.390	.402								
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						81%				
PARM Code 00180 1 Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						316				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						264.5				
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

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FEB 20 2013

D.E.P. Marathon