BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

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
- W Resort Utilities Corp.'s last rate case in 2008. I also testified before the Division of
- Administrative Hearings in the Last Stand protest of the DEP's intent to issue a modification
- 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 O. What is the purpose of your direct testimony?
- 15 A. The purpose of my direct testimony is to present information supporting the financial and
- engineering basis for KWRU's request to increase its rates and charges as originally presented
- in the MFRs in the PAA filing, to provide supporting documentation and testimony to show
- the basis for the requested rates and charges and to provide information supporting the
- 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
- 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
- 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	Α.	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	Α.	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

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amount by \$14,640 ignores the challenges of hiring low salaries personnel in a high cost of

living environment like Key West. Employee housing is an issue not only with KWRU but it

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

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

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

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A.

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

- Q. Was the adjustment in the PAA Order reducing contractual services-accounting expenses by \$12,350 annually appropriate?
- A. No. In response to Staff's First and Seconds Data Requests I explained need for additional
 accounting services from Mr. Allen.
- Q. When was the last DEP Wastewater Compliance Inspection conducted, and what was the outcome?
- DEP did a compliance inspection of the wastewater facility on March 10, 2016 and the facility
 was found in compliance in all areas. Exhibit CAJ-5 is a copy of the Wastewater Compliance
 Inspection Report.
- Q. Have you seen any evidence of Customers taking measures to reduce the amount of water that the Utility may bill monthly as a result of the PAA rates that went into effect 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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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No. 150071-SU

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.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No. 150071-SU

EXHIBIT CAJ-2

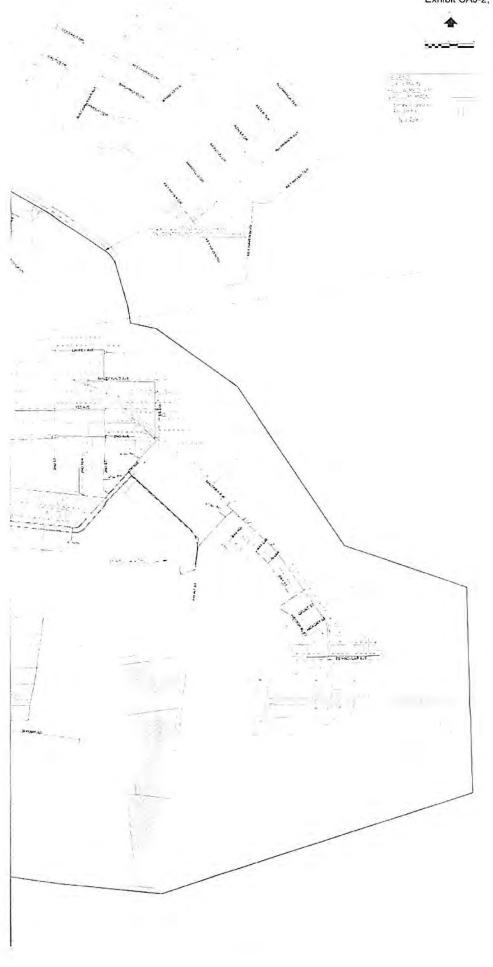
DIRECT TESTIMONY

OF

CHRISTOPHER A. JOHNSON

on behalf of

K W Resort Utilities Corp.



KWRU

YEAR	MAKE	DRIVER	VIN#	O	riginal 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	3D7JB1EK9BG538652	\$	12,000.00	On Call	
2003	JET RODDER TRAILER	FLEET	1U9FS13103A044218	\$	25,000.00		
1993	HOOP TRAILERW/	FLEET	1H9FB183010472764	\$	2,000.00		
	GENERATOR	FLEET		\$	5,000.00		
2003	HOMEMAKE TRAILER	FLEET	NOV1N0200844241	\$	275.00		

Docket No. 150071-SU Engineering MFRs



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.

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 5 of 346

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And Marketing Comments (Applicated Transport Report Repo		e production of the contract		

KWRU

PDR

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/O

Volume = 11,489 gal per basin, 5,745 gal per chamber, 22,978 gal total Flow = Q_{PHF} = 1,273,500 gpd or 885 gpin or 53,063 gph

■ V/Q Θ = 0.25 hr,

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

22,978 gal > 13,266 gal therefore size is <u>Adequate</u>

@ 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

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

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 ppd)/((8.34 lb/day)(.343 MGD)) = 14 mg/L

Cl₂ Dosage rate, in ppd for design flow = (.849MGD)(8.34lb/gal)(14mg/L) = 99.2 ppd

Gallons of 12.5% NaOCl needed per day = (99.2 ppd Cl₂)(1 gpd 12.5% NaOCl/ 1 ppd Cl₂) = 99.2 gal/day

With 1.5 safety factor = (99.2 gal.day)(1.5) = 148.8 gal/day

Min. Tank size needed: (148.8 gal/day)(15** days) = 2,500 gal

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

- * Dosage rate based on average fee! rate of chlorine gas needed to satisfy chlorine demand and maintain desired TRC.
- ** Due to short shelf life of the socium 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

KU/PT

I. PHOSPHORUS REMOVAL

ALUM Al₂(SO₄)₅ + 18H₂O
ALUM STRENGTH 48.5 %
DENSITY OF ALUM SOL'N 11.2 ib/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 I MOLE AL PER I MOLE P ALUMINUM REQUIRED = (MW ALIMW P)

= (26,98/30.97) = 0.87 lb AL/jb 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

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 calulations, 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

J. GLYCERIN

Solution used will be 70% Glycerin as provided by manufacturer

Glycerin BOD: 870,000 mg/L

7 lb BOD = I gal Glycerin

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

Influent NH₄ = 40 mg/L

 NH_1 to $NO_3 = (62/17)(40 \text{ mg/l}) = 146 \text{ mg/L NO}_3$

Oxygen present = (((16*3)/(62))(146 mg/L)+2)(8.34 lb/gal)(0.849 MGD) = 814 lbs/day

Glycerin solution needed per day: (814 lb D.O.)/(7 lb/gal glycerin) = 116.3 gal/day*

Min. tank size needed: (116,3 gal/day)*(15 days) = 1744.50 gal

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 = 0.5x12.76 lb/gal

= 6,38 lbs lb/gal

OH per gallon 6.38 x (17,00/39,997)

= 2.71 lbs

Pounds of NH4 per day. (40 mg/L)(8.34 lb/gal)(0.849MGD)

= 283 lbs

Pounds of CaCO3 needed per day (283lbs)(7.07 lbs CaCO3/ lb NH4)

=2,001 lbs

Pounds of H₂O per day (120 mg/L)(8.34 lb/gal)(0.849 MGD)

= 850 lbs

Pounds of CaCO; added per day = 2001-850 = 1,151 lbs

Milliequivalent weights of CaCO3: 50 mg/meq

NaOH: 40 mg/meg

Pounds of NaOH per day = (40/50)(1,151 lbs) = 921 lbs

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

^{*} 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.

PINE KWRU

Min. tank size needed: ((921 lbs*2)/(12.76 lb/gal))*30 days = 4,331 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	34	nnual 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	1000	2014 Actual Other Chemicals		Chemicals .550 MGD	Other Chemicals .850 MGD		
total chem 2014	\$	32,330.08					
less cl2 2014	\$	26,256.00	10				
yields other chems	\$	6,074.08	\$	7,262.49	\$	11,223.84	

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE:

Final N/A

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP

R-001

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

DESCRIPTION:

reuse storage golf course pond and irrigation system, with Influent

Key West, FL 33045

RE-SUBMITTED DMR: NO DISCHARGE FROM SITE:

	nroe th District		IONITORIN	G PERIOD F	rom: _Decem	ber 1, 2013To:	December	31,20	13	
Parameter		Quantity or Loading	Units		Quality or Concent	ration	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					1,11	5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	098								
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MGD	Ť.		×*			5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement	.009	1							
PARM Code 50050 Q Mon. Site No. FLW-004	Pennit Requirement	0.06 (An,Avg.)	MGD						5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement					2.2		11		
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement		1-3		10-5	5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement				ы	<1				
PARM Code 74055 A Mon. Site No. EFA-001	Pennit Requirement		110			25 (Max.)	#/100mL	Te I	4 Days/Week	Grab
Coliform, Feeal, % less than detection	Sample . Measurement			100%				h		
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			75 (Mo.Total)			percent	5	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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
Martin	(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 NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING P	PERIOD	From:	December 1, 2013	To:	December	31,2	013
Units	Q	Quality or	Concentration		Units	No. Ex.	Frequency Analysis
	- C						

Parameter		Quantity	or Loading	Units	ation	Units	No. Ex.	Frequency of Analysis			
pH	Sample Measurement				7.0		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Pennit Requirement		1		6.0 (Min.)		8,5 (Max,)	3.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.)		1	mg/L		Continuous	Meter
Turbidity	Sample Measurement			(E)			1.7				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement					V.	Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.416								
PARM Code 50050 R Mon. Site No. FLW-001	Pennit Requirement		0.499 (An.Avg.)	MGD				- 7		5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1,28					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement		4-11-4			20,0 (An.Avg.)		mg/L	11	Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2.0	0.5	1.0		11		
PARM Code 80082 A	Permit Requirement		1200	15-30	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 (Qt.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, TMADF/Permitted Capacity) x 100	Sample Measurement			(C)			83%				1
PARM Code 00180 1 Mon. Site No. FLW-001	Permit Requirement						Report (Mo.Avg.)	percent	10	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C Influent)	Sample Measurement						203.5				
PARM Code 80082 G Mon. Site No. INF-001	Pennit Requirement						Report (Max.)	mg/L	vi.	Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						186				
ARM Code 00530 Q Ion, Site No. INF-001	Pennit Requirement		0		Libe		Report (Max.)	mg/L	17	Bi-weekly; every 2 weeks	8-hr FPC

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

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP

U-001

two Class V injection wells

LOCATION:

COUNTY:

OFFICE:

6630 Front St., Stock Island

DESCRIPTION: RE-SUBMITTED DMR:

Key West, FL 33045 Monroe

South District

NO DISCHARGE FROM SITE:

From:

MONITORING PERIOD

December 1, 2013 To:

December 31, 2013

Parameter		Quantity o	r Loading	Units	Quality o	r Concentration		Units	No, Ex.	Frequency of Analysis	Sample
Flow - WELLS	Sample Measurement		.245			11111					17/10
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement		.499 (An,Avg.)	MGD		i II de la c	1			5 Days/Week	Flow Totalize
Flow - WELLS	Sample Measurement		.256								
ARM Code 50050 I fon. Site No. FLW-002	Permit Requirement		Report (Mo.Avg.)	MGD		- [J	71	5 Days/Week	Flow Totalize
BOD, Carbonaccous 5 lay, 20C	Sample Measurement					1.28		71			
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)		ing/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sumple Measurement				<2.0	0.1	1.0				la n
PARM Code 80082 A Mon. Site No. EFA-001	Pennit 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		1.55					
PARM Code 00530 Y Mon, Site No. EFA-001	Pennit Requirement				·	20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement			2	0.5	<0.5	<0.5				111
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-lir 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	Marsh	(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 NUMBER:

U-001

PERMIT NUMBER: FLA014951-011-DW2P

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

December 31, 2013_

Parameter		Quantity or Loading	g Units		Quality or Concentra	tion	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement							401	Marysis	
PARM Code 74055 Y Mon. Site No. EFA-001	Pennit Requirement				200 (An.Avg;)		#/100mL		Every 2 weeks	Grab
Coliform, Feeal	Sample Measurement				1	. 1				
PARM Code 74055 A Mon, Site No. EFA-001	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL	61	Every 2 weeks	Grab
н	Sample Measurement			7.0		7.2				-5
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		Usmay			- 1	
PARM Code 50060 A Mon. Site No. EFA-001	Pennit Requirement			0.5 (Min.)			mg/L	Ţ,	5 Days/Week	Gmb
Nitrogen, Total	Sample Measurement	- 1			18.46				1	
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			18.10	-16.6	16.6				
PARM Code 00600 A Mon. Site No. EFA-001	Pennit Requirement			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement	4.			5.66	(111311111911				
PARM Code 00665 Y Mon. Site No. EFA-001	Pennit Requirement			1 = 0 = 7 0 = 0 = 7	Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
hosphorus, Total (as P)	Sample Measurement			5.78	5.59	5.59				
PARM Code 00665 A Mon. Site No. EFA-001	Pennit Requirement			Repor(Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L	1	Every 2 weeks	8-hr FPC
				ingle in		1	8			
11		- 11		1	K-0					

MONITORING GROUP NUMBER:

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT:

CLASS SIZE:

Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

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

MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR:

RMP-O

Domestic

Key West, FL 33045-

NO DISCHARGE FROM SITE:

Biosollds Quantity

COUNTY:

Monroc

South District

MONITORING PERIOD

8 From:

December 1, 2013

December 31 2013

Parameter		Quantity of	or Loading	Units	Quality or Concentr	ation	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement		6.1	Ki E			T			
PARM Code B0008 + . Mon, Site No. RMP-1	Pennit Requirement		Report (Mo.Total)	dry tons				0	Monthly	Calculated
	Section Section 1	Lar See See	1 march	Carry As By	医乳腺素 医乳毒素	Astronomics Control		1		

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 (um/dd/yyyy)
Mark Burkemper / Lead Operator	mulley.	305-295-3301	01-21-2014

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

DAILY SAMPLE RESULTS - PART B FLA014951-011-DW2P

Permit Number:

Facility: Key West Resort Utility WWTP

.. conitoring Period

From: __ December 1, 2013_ To: _December.31, , 2013_

	Flow MGD Total	Flow MGD Wells	Flow MGD Pond	Flow MGD MCDC	Chlor ine, Total Resid ual (For	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonacco us 5 day, 20C mg/L	Solids, Tota Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Mon. Sit	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	1.0			-1702	-
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		-		
.5	.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			1.00	/3/2
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		4		
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		-	de Co	
27	.354	.354	0.0	.0.0	1.5	7.0	0.6		V To Coop	Ceive	F
28	.398	.398		0.0	2.0	7.1	0.6	-		2 4 2016	
29	.360	.360	0.0	0.0					JAI	7 4 21112	
30	.361	.361	0.0	0.0	0.6	7.1	0.5	-	D.E.P	Maratho	50
31	.380	0.0	.345	.035	1.6	7.2	0.5			40,70	10
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		7.08	0.90				<0.5

PLANT STAFFING:						
Day Shift Operator	Class:	В	Certificate No:	13317	Name:	Ted Yarboro
L nift Operator	Class:	С	Certificate No:	21394	Name:	Robert Bellino
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 17 of 346

DAILY SAMPLE RESULTS - PART B

Permit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

unitoring 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					-	
						+			+	-
2	<0.5	<1							1	
3	<0.5	<1	18.10	5.40						
4	2.6	<1								
5	1.0	<1						-		
6										
7										
8			ACC.						1	
9	1.0	<1								
10	<0.5	<1								
t t	<0.5	<1							16	
12	2,2	<1				1		7 - 3 -		_
13							-		-	
_14										
5										
16	1.0	<1								
17	1.4	<1	15.10	5.78						
18	2.6	<1								
19	2.2	<1								
20				C						
21					1.00					
22							1			
23	<0.5	<						7 2		-
24										15-
25										
26								1	17-	
27							0			
28										114 - 27 - 1
29										T E
30	<0.5	<1							1	
31									13-3	
	15.5		33.2	11,18			5			
Mo. Avg.	1.11	<1	16.6	5.59				1	12	15 0 = -

PLANT STAFFING:						
P-Shift Operator	Class:	В	Certificate No:	13317	Name:	Ted Yarboro
L shift Operator	Class:	C	Certificate No:	21394	Name:	Robert Bellino
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE: Final

REPORT FREQUENCY:

Monthly Domestic

FACILITY: LOCATION:

COUNTY:

Key West Resort Utility WWTP 6630 Front St., Stock Island MONITORING GROUP NUMBER: MONITORING GROUP

N/A R-001

reuse storage golf course pond and irrigation system, with Influent

PROGRAM:

Key West, FL 33045

DESCRIPTION: RE-SUBMITTED DMR:

NO DISCHARGE FROM SITE:

Monroe

South District

MONITORING PERIOD

From: No

_November 1, 2013___To:

November 30, 2013

Parameter		Quantity o	r Loading	Units	Q	uality or Concentrat	ion	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement		-182								
PARM Code 50050 Y Mon. Site No. FLW-003	Pennit Requirement	Vic.	0.420 (Ал.Avg.)	MGD		Art Company			0	5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement		.125								
PARM Code 50050 1 Mon, Site No. FLW-003	Pennit Requirement		Report (Mo.Avg.)	MGD		ien i				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		J 2-4		3.49		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			33.4			<1		Irij		
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%		1.1.1				
PARM Code 51005 A Mon. Site No. EFA-001	Pennit Requirement				75 (Mo,Total)	₹3 y.a. =	,	percent	86	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	mary	(305)295-3301	12.19.2013

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

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 18 of 346

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: -November 1, 2013 To: November 30, 2013 Frequency of Quantity or Loading Parameter Units Quality or Concentration Units Ex. Analysis Sample pΗ 6.9 7.2 Measurement PARM Code 00400 A Permit 6.0 8.5 5 Days/Week Grab 5.U. Mon. Site No. EFA-001 Requirement (Min.) (Max.) Chlorine, Total Residual (For Sample 1.5 Disinfection) Measurement PARM Code 50060 A Permit 1.0 mg/L Continuous Meter Mon. Site No. EFA-001 Requirement (Min.) Sample Turbidity 1.1 Measurement PARM Code 00070 B Permit Report NTU Continuous Meter Mon. Site No. EFB-001 Requirement (Max.) Sample Flow - TOTAL .420 Measurement PARM Code 50050 R Permit 0.499 MGD 5 Days/Week Calculated Mon. Site No. FLW-001 Requirement (An.Avg.) Sample BOD, Carbonaceous 5 day, 20C 1.20 Measurement PARM Code 80082 Y Permit 20.0 mg/L Every 2 weeks 8-hr FPC Mon. Site No. EFA-001 Requirement (An.Avg.) <2.0 Sample 1.0 BOD, Carbonaceous 5 day, 20C 0.5 Measurement PARM Code 80082 A Permit 60,0 45.0 30.0 mg/L Every 2 weeks 8-hr.FPC Mon. Site No. EFA-001 Requirement (Max.) (Wk.Avg.) (Mo.Avg.) Sample Flow - TOTAL .382 ..440 Measurement PARM Code 50050 S Permit Report Report MGD 5 Days/Week Calculated Mon. Site No. FLW-001 Requirement (Mo.Avg.) (Qt.Avg.) Percent Capacity, Sample (TMADF/Permitted Capacity) x Measurement 90% 100 PARM Code 00180 1 Permit Report percent Monthly Calculated Mon. Site No. FLW-001 Requirement (Mo.Avg.) BOD, Carbonaccous 5 day, 20C Sample 224 (Influent) Measurement PARM Code 80082 G Permit. Report Bi-weekly; every mg/L 8-hr FPC Mon. Site No. INF-001 Requirement (Max.) 2 weeks Sample Solids, Total Suspended (Influent) 235 Measurement PARM Code 00530 O Permit Report Bi-weekly; every mg/L 8-lu FPC Mon. Site No. INF-001 Requirement (Max.)

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 19 of 346

Land in the

2 weeks

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. 6630 Front Street PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY: LOCATION:

COUNTY:

OFFICE:

Key West Resort Utility WWTP 6630 Front St., Stock Island MONITORING GROUP NUMBER; MONITORING GROUP U-001

two Class V injection wells

Key West, FL 33045

Monroe

South District

DESCRIPTION: RE-SUBMITTED DMR:

NO DISCHARGE FROM SITE: MONITORING PERIOD

From:

_ November 1, 2013_To:

November 30, 2013

Parameter		Quantity of	or Loading	Units	Quality or C	oncentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement		.257								II. A
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement		0:281 (Ал.Avg.)	MGD			A	35 °C		5 Days/Week	Flow
Flow - WELLS	Sample Measurement		0.246	1 75 1					= 1		
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement		Report (Mo.Avg.)	MOD						5 Days/Week	Flow
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1		1,28					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement	() () () () () () () () () ()	1			20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaccous 5 day, 20C	Sample Measurement				<2.0	1.0	1.0				1
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement				60.0 (Max.)	(Wk,Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	S-hr FPC
Solids, Total Suspended	Sample Measurement		3			1.75					1
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement		, 1+2 ₀₀		经存货的 全	20,0 (An.Avg.)	100	mg/L		Every 2 weeks	8-hr
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	Mostly	(305)295-3301	12.19.2013

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

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 20 of 346

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY:

Key West Resort Utility WWTP

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: __November 1, 2013__ To:

November 30 2013_

Parameter	Quantity or		or Loading	Units	Q	uality or Concentral	tion	· Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement			ii.		1		1			
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement				State of the state	200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement					17	1				
ARM Code 74055 A Mon. Site No. EPA-001	Permit Requirement		13 man VIII - ay			(Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
н	Sample Measurement				6.9		7,2		-		
PARM Code 00400 A Mon, Site No. EFA-001	Permit Requirement	200		dagan is	6.0 (Min.)		8.5 (Max.)	5.U.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement			600	0,5				Ef		
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement		S. TO S.		0,5 (Min.)		E - 2 - 16	mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					19,90					
PARM Code 00600 Y Mon. Site No. EPA-001	Permit Requirement	4				Report (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement				24.80	10.75	21.5) Tyl		
ARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement	1			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-lu FPC
Phosphorus, Total (as P)	Sample Measurement					5.10					
ARM Code 00665 Y Mon. Site No. EFA-001	Pennit Requirement	an in haif		14 5		Report (An.Avg.)		mg/L	47.7	Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement				5.4	2.08	4.17			7	
ARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement	v d	M A SAST		Repor(Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	ing/L	x i	Every 2 weeks	8-hr FPC
$\sup_{t\in [0,\infty]} \frac{ t-t ^2}{t^2} \leq \sup_{t\in [0,\infty]} t-t \leq 1$				* 13	No experien	it in the same	· · · · · · · · · · · · · · · · · · ·	(
- V		7	Sp. Sp. 88y	6 e 1 /	i i swii i mie		A			34 3	

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 21 of 346

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

PERMITTEE NAME:

K W Utility Corp.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT:

CLASS SIZE:

Final N/A

REPORT FREQUENCY:

PROGRAM:

Monthly

FACILITY: LOCATION: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: RMP-Q

Domestic

6630 Front St., Stock Island Key West, FL 33045-

RE-SUBMITTED DMR:

Biosolids Quantity

COUNTY:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD

November 1, 2013

口

From:

November 30, 2013

Parameter		Quantity	or Loading Units		Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Blosolids Quantity (Landfilled)	Sample Measurement	1	3.7						1		
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry lons					0	Monthly	Calculated
自然的"特"。其中在1980年的	的 是是这种的	要是少多的产品被	(京) (京) (京) (京)	第2000	PRINCE OF THE PR	EXECUTE OF THE SAME	or of the second second second	malta state of	-3-3		1.10.00

1 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	Mursy	305-295-3301	12-19-2013

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

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 23 of 346

DAILY SAMPLE RESULTS - PART B

amit 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	Chlor ine, Total Resid ual (For	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 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	0.445	0.445	0.0	0.0	LJ	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	- Sec. 1			
4	0.348	0.348	0.0	0.0	2.0	7.2	0.4			Long III	
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				1
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			1	. 8
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 - 33
12	0.347	0.0	0.318	0.029	2.5	7.2	0.5			A * !	254 13
_ 13	0.387	0.0	0.367	0.020	5.0	7.0	0.3			-	75 Ti
14	0.360	0.0	0.338	0.22	4.4	7.0	0.2			- 5	
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	0375	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		1		1200
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	0568	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		1 - 1			10-	-					
Total	11.458	7.372	3.770	0316	59.8	183.9	16.3	399.2	488	2.0	1.92
Mo. Avg.		0.246	0.125	0.011	2.3	7.1	0.62	199.6	224	1.0	0.96

Shift Operator	Class:	В	Certificate No:	13317	Name:	Ted Yarboro	
Shiri Operator	CMSS.	ь	Camicate No.	13317	Natire.	160 1210010	_
Day Shift Operator	Class:	C	Certificate No:	21394	Name:	Robert Bellino	_
Night Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 24 of 346

DAILY SAMPLE RESULTS - PART B

ocmit 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	Phospborus, Total (as P) mg/L				:5.C.	- 12 - 27	# ₀
Code	00530	74055	00600	00665		i		9 .	C 3 UK.	
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					-31(2) (4)	
10	7							3.4		
2										
3										
4	<0.5	<1						***		
5	<0.5	<1	18.20	5.4					7	-
6	1.8	<1							+	
7	1,2	<1					100			
8		1								
9										
10										
11	2.8	<1					17			
12	2.6	<1								
13	1.8	<1						1	-	
14	<0.5	<1					T VALLET			
15				=="						-
16										
17										
18	<0.5	<1						-		
19	<0.5	<1	24.80	2.94	-11					
20	1.6	<1								
21	<0.5	<1	•							
22								1		
23	1-4-					11.				
24	- 10					7				
25	1.2	<1								
26	<0.5	<1			N.					
27	<0.5	<1						13.1		
28		1 3						0 = =		
29							1			
30	Co. The second									-
31										
Total	15.0	15.0	43.0	8.34	1		1			
do. Avg.	1.2	0.0	21.5	4.17		1	4			

PLANT STAFFING:							
Shift Operator	Class:	В	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:	В	Certificate No:	5355	Name:	Mark Burkemper	

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street Key West, Florida 33040

LIMIT:

Final

REPORT FREQUENCY:

Monthly

FACILITY:

COUNTY:

Key West Resort Utility WWTP

CLASS SIZE: MONITORING GROUP NUMBER: N/A

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

MONITORING GROUP DESCRIPTION:

R-001

reuse storage golf course pond and irrigation system, with Influent

Key West, FL 33045

Monroe

RE-SUBMITTED DMR:

ū

NO DISCHARGE FROM SITE: MONITORING PERIOD

From:

October 1, 2013 To:

October 31, 2013

OFFICE: Soul	Parameter Quantity or Loading Units Quality or Concentration		on	Units	No. Ex.	Frequency of Analysis	Sample Type				
Flow - POND	Sample Measurement		.157								
PARM Code 50050 Y Mon. Site No. FLW-003	Pennit Requirement		0.499 (An.Avg.)	MGD			V 11			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		Statement .	2 140 2 10 0			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			12.32			2.34		71		
PARM Code 00530 B Mon: Site No. EFB-001	Permit Requirement						5.0 (Max.)	ing/L	134	4 Days/Week	Grab
Coliform, Fecal	Sample Measurement			N.E.			<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			E.			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		11		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	marsh	(305)295-3301	11-22-2013

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

e year on the ent of a

index Meredien

FACILITY:

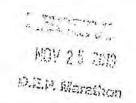
Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

				MONITO	RING PERIOD I	From: October	1, 2013 To:	October	31, 201	13	
Parameter		Quantity	or Loading	Units	Q	uality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	
рН	Sample Measurement				7.0		7.2				
PARM Code 00400 A Mon, Site No. EFA-001	Permit Requirement		7		6,0 (Min.)		8.5 (Max.)	5.U.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1,5						
PARM Code 50060 A Mon. Site No. EFA-001	Pennit Requirement			4	1.0 (Min.)		An C	mg/L		Continuous	Meter
Turbidity	Sample Measurement						2.0				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement			. N	(1 6	Report (Max.)	NTU .		Continuous	Meter
Flow - TOTAL	Sample Measurement		.485							1	
PARM Code 50050 R Mon. Site No. PLW-001	Permit Requirement		0,499 (An.Avg.)	MGD		7 - 25				5 Days/Week	Calculated
BOD, Carbonaccous 5 day, 20C	Sample Measurement					1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement				Strain Control	20.0 (An.Avg.)	101	mg/L	134	Every 2 weeks	8-hr FPC
BOD, Carbonaccous 5 day, 20C	Sample Measurement				2.05	1.53	1.53				
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement	4			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	W. (1)	\				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			0 1 -	6 % 0 × y		(Mo.Avg.)	percent	E	Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						366				
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement	i i	1 1 1 10 10 10 10 10 10 10 10 10 10 10 1		S. A.		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	Pennit Requirement				111		Report (Max.)	mg/L	1/ 1	Bi-weekly; every 2 weeks	8-hr FPC



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

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY:

Monthly

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

MONITORING GROUP NUMBER: MONITORING GROUP

U-001 two Class V injection wells PROGRAM:

Domestic

Key West, FL 33045

DESCRIPTION: RE-SUBMITTED DMR:

COUNTY: OFFICE:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD

吕 From:

_October 1, 2013_To:

October 31, 2013

Parameter		Quantity or	Loading	Units	Quality or Co	ncentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement		.246			P. A			T II.		
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement		0.281 (An.Avg.)	MGD			2 20		., (5 Days/Week	Flow Totalize
Flow - WELLS	Sample Measurement		.281					3			μÜ
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement		Report (Mo.Avg.)	MGD					4.	5 Days/Week	Flow
BOD, Carbonaceous 5 day, 20C	Sample Measurement			1-51		1.20		0.0			
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.)	ing/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement	1 11				1,61					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement		9	· · · · · · · · ·		20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement	I 1_1 }			2.34	1.30	1.28	1			
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

Lecrtify 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	Merson	(305)295-3301	11-22-2013

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

THE Morathon

FACILITY:

Key West Resort Utility WWTP

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: __October 1, 2013__ To:

October 31, 2013_

	Quantity o	r Loading	Units	Q	uality or Concentra	tion	Units	No.	Frequency of Analysis	Sample Type
Sample Measurement					1					
Pennit Requirement	1				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Sample Measurement					1,	1				
Pennit Requirement	52				200 (Mo.Gco.Mn.)	800 (Max.)	#/100mL	JE	Every 2 weeks	Grab
Sample Measurement	10			7,0		7.2				
Permit Requirement				6.0 (Min.)	-) +	8.5 (Max.)	s,u.		5 Days/Week	Grab
Sample Measurement				0.5				1 1		
Permit Requirement		70		0.5 (Min.)	af - İstini	la di la di	mg/L		5 Days/Week	Grab
Sample Measurement					22.02					
Permit Requirement				F (190)	Report (An.Avg.)		mg/L	7	Every 2 weeks	8-hr FPC
Sample Measurement				18.10	20.61	16.50				
Permit Requirement				Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-lu FPC
Sample Measurement		·			4.98					
Permit Requirement		VIII (4)	- 1	State of the state	Report (An.Avg.)		mg/L	l i	Every 2 weeks	8-hr FPC
Sample Measurement				6.41	5.08	6.23		ŀŢ		
Permit Requirement	j.	3.4		Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L	γñ,	Every 2 weeks	8-hr FPC
-					# - \				h = 1 = 0	
				No.			A; = 41/	7-14		
	Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement	Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement	Measurement Permit Requirement Sample Mcasurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit	Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit	Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Requirement Permit Requirement Sample Measurement Permit Requirement Permit Requirement Sample Measurement Permit Requirement Permit Requirement Permit Requirement Sample Measurement Permit Requirement	Sample	Sample	Sample	Sample	Sample Measurement



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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT:

CLASS SIZE:

Final N/A REPORT FREQUENCY: PROGRAM:

Monthly

FACILITY: LOCATION: Key West Resort Utility WWTP

6630 Front St., Stock Island Key West, FL 33045MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR:

RMP-Q Blosolids Quantity Domestic

COUNTY:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD F

MONITORING GROUP NUMBER:

From: October 1, 2013_

13 To

October 31, 2013

Parameter		Quantity	Loading U	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type	
Biosolids Quantity (Landfilled)	Sample Measurement		5.8				Fe I				
PARM Code B0008. + Mon. Site No. RMP-1	Permit Requirement		Report (Mo. Total)	dry tons					0	Monthly	Calculated
organist days a deple					图文图内 法国际	Service Control		16			19

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	Matist	305-295-3301	11-22-2013

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

MOV 21 393

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

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 29 of 346

ennit 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	Chlor ine, Total Resid ual (For	pH s.u.	Turbidity NTU Reuse	BOD, Carbonacco us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 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		1 3-4 1		1
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			CT. V.T. 2	57.
5	0.511	0.541	0.0	0.0	1.0	7.1	1.0		******	2 F 2 (1)	-
6	0.502	0.502	0.0	0.0	1						77-12 2410
7	0.501	0.501	0.0	0.0	2.5	7.1	0.8			40% 5;	
8	0.505	0.0	0.471	0.034	2.6	7.1	0.6			也是决 6	
9	0.469	0.460	0.460	0.009	2.9	7.2	0.7			(2100)	
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						T Sec.	-
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	1 - 1			
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	1			*
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	00.025	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	1			
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	1.5			
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				1.30

"NT STAFFING:	Class:	В	Certificate No:	13317	Name:	Ted Yarboro
4.00.5 4.54.6440	(3),4601)	-		1001,1		Too I monto
Day Shift Operator	Class:	C	Certificate No:	21394	Name:	Robert Bellino
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper

mnit 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		- In			
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001					
1	<0.5	<1							
2	<0.5	<1							
3	<.0.5								
4					The Year			10	
5									
6			0.0		- Y				
7	<0.5	<1							
8	<0.5	<1						1:1000	
9	1.8	<1							J
10	<.0.5	<l< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></l<>							
11			14.90	6,04					
12									
13	*								
14	<0.5	<1							
15	<0.5	<1	8				- 1	TO THE	7.
16	1.6	<1							
17	<.0.5	<1		1				NOT 25 4	
18								er its 32mme	15000
19			1				27	SARE H S-F-	
20									-
21	<0.5	<1							
22	3.6	<1	18.10	6.41					
23	<.5	<1							17 2
24	1.4	<1						1 7 7	I
25									
26					- 455.1				
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:	В	Certificate No:	13317	Name:	Ted Yarboro	
Day Shift Operator	Class:	С	Certificate No:	21394	Name:	Robert Bellino	
Night Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE: Final NVA

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

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

MONITORING GROUP NUMBER: MONITORING GROUP

R-001

From:

reuse storage golf course pund and irrigation system, with Influent

Key West, FL 33045

DESCRIPTION: RE-SUBMITTED DMR:

日 NO DISCHARGE FROM SITE:

Monroe COUNTY:

MONITORING PERIOD

September 1, 2013___To:

September 30, 2013

OFFICE: South	District	Quantity or Loading	Units	Qu	nality or Concentrati	on	Units	No.	Frequency of Analysis	Sample Type
Flow-POND	Sample Measurement	.157								
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	0.499 (Ал.Avg.)	MGD						5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.208								
PARM Code 50050 Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MOD .	44.5	\$3,7 m V.T				5 Days/Week	Flow Totalizer
Plow - MCDC	Sample Measurement	.009			1277		at ()			
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		1.23			1,8		20)		
PARM Code 00530 B Mon. Site No. EFB-001	Pennit Requirement		100			.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		7.			(Max.)	#/100mL		4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement		410.4	100%					5	
PARM Code \$1005 A. Mon. Site No. BFA-001	Permit Requirement			, 75 (Mo,Total)			percent	ΙΞ	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 (inm/dd/yyyy)
Mark Burkemper / Lead Operator	Martsh	(305)295-3301	10/24/2013

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

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

				MONITO	RING PERIOD	rom: Septembe	r 1, 2013 To	: Septemb			
Parameter	1 25	Quantity of	or Loading	Units	Q	uality or Concentration	on	Units	No. Ex.	Frequency of Analysis	
H	Sample Measurement				7.0	1777	7.2		ľ'n		
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	F In					
ARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			0.77	1.0 (Min.)	44.0		mg/L		Continuous	Meter
Purbidity	Sample Measurement			3			1.9			χ,	,,,,,,,
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement					. N.	Report (Max.)	טזא		Continuous	Meter
Plow - TOTAL	Sample Measurement		.411								
PARM Code 50050 R Mon. Site No. PLW-001	Permit Requirement		0.499 (An.Avg.)	MOD	1	dimiture				5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C PARM Code 80082 Y Mon. Site No. EFA-001	Sample Measurement					1,12					
	Permit Requirement			3%	1817	20.0 (An.Avg.)	457 ×	mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				Q	<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 (QLAvg.)	MGD		Salar Salar	10 T	-		5 Days/Week	Calculated
Percent Capacity, TMADF/Pennitted Capacity) x 100	Sample Measurement						90%				
PARM Code 00180 1 Mon. Site No. FLW-001	Permit Requirement				THE WAY		· ·Report (Mo.Avg.)	percent	1.11	Monthly	Calculated
SOD, Carbonaceous 5 day, 20C (influent)	Sample Measurement						233			Leveran al I	
ARM Code 80082 G	Permit Requirement					terminana Parameter	Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-fir FPC
Solide Total Suspended (Influent) S	Sample Measurement						.187				
ARM Code 00530 Q	Permit Requirement				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		(Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

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

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY:

Monthly Domestic

FACILITY: LOCATION:

COUNTY:

OFFICE:

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

MONITORING GROUP NUMBER: MONITORING GROUP

U-001

PROGRAM:

DESCRIPTION:

two Class V injection wells

Key West, FL 33045

Monroe South District

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

From:

_September 1, 2013_To:

September 30, 2013

Parameter		Quantity or Loading	Units	Quality or Cor	ocentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement	.245					la			
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (Ал.Avg.)	MGD		12,01	To State I			5 Days/Week	Flow Totalizer
Flow - WELLS	Sample Measurement	.233			17.7%					
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD		Constant.	1.30			5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement	414			1,12					7. 1
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement		1. 11.0	*	(An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement			4	<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-Ju FPC
Solids, Total Suspended	Sample Measurement		I E		2.93					
PARM Code 00530 Y Mon. Site No. EFA-001	Permit Requirement		of some S		(An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
Solida, Total Suspended	Sample Measurement			2,33	2.33	1.29			11.	
PARM Code 00530 A Mon. Site No. EFA-001	Pennit Requirement		0.000	60.0 (Max.)	(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	moss	(305)295-3301	10/24/2013

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

OCT 2 8 2313

D.E.R. Marathon

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 34 of 346

Key West Resort Utility WWTP

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: __September 1, 2013__ To:

Parameter		Quantity	or Loading	···Units	la la	Quality or Concentr	ation	12-2-	No.	Frequency of	
Coliforn, Fecal	Sample Measurement				1-	1	T	Units	Ex.	Analysis	Sample Type
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement					200		100	2 L 3 h		
Coliform, Fecal	. Sample Measurement					(An.Avg.)		#/100mL		Every 2 weeks	Grab
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			1		- 200	800	J=1	- 1		
н	Sample				7,0	(Mo.Geo.Mn.)	(Max.)	#/100mL		Every 2 weeks	Grab
ARM Code 00400 A Mon. Site No. EFA-001	Measurement Permit		-	-	. 6.0		7.2				
Informe, Total Residual (For Disinfection)	Requirement Sample Measurement	3			(Min.) 0.5	THE VIEW	8.5 (Max.)	5,0,	J. j	5 Days/Week	Grab
ARM Code 50060 A fon. Site No. EFA-001	Permit Requirement		243.5	100	0.5	4 *** 1 e · 1	De l'				
itrogen, Total	Sample Measurement	- *			(Min.)	22.02		rug/L		5 Days/Week	Grab
ARM Code 00600 Y Ion, Site No. EPA-001	Permit Requirement		1 45.5	7/ (A)		Report	10072 100				
ilrogen, Total	Sample Measurement				16.8	(An,Avg.) 16.8	15.2	mg/L	1	Every 2 weeks	8-hr FPC
ARM Code 00600 A on. Site No. EFA-001	Permit Requirement		- 0	16.0 11.0	Report	Report	Report				
nosphorus, Total (as P)	Sample Measurement				(Max.)	(Wk.Avg.) 4.98	(Mo.Avg.)	mg/L	E	every 2 weeks	8-hr FPC
ARM Code 00665 Y on. Site No. EFA-001	Permit Requirement	200		64 8, 19 X 19	Gr. 2007	Report					
osphorus, Total (as P) .	Sample Measurement				5,45	(An.Avg.) 5.45	4.87	mg/L	E	very 2 weeks	8-hr PPC
ARM Code 00665 A on. Site No. EFA-001	Permit Requirement		10000	-44/cg	Report	Report	Report				
Bright House					(Max.)	(Wk.Avg.)	(Mo.Avg.)	mg/L	Đ	very 2 weeks	8-hr FPC
			1.00	14.	MARKET AND A	and the second	WAR TO SE		-		ŧ
			S. 10. 5.		15.1 (CO. 14)	W. Jak.	1826. A. 6				-

When Completed mall 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.

PERMIT NUMBER:

FLA014951-01 (-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT: CLASS SIZE:

Fine! N/A

REPORT FREQUENCY: PROGRAM:

Monthly

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

MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR:

RMP-Q Blosolids Quantity Domestic

COUNTY:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD

From:

September 1, 2013

September 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No.	Frequency of	Sample Type
Blosolids Quantity (Landfilled)	Sample Measurement		4.0	1 = 1				1000	Ex.	Analysis	Sample Type
PARM Code BD008 + Mon. Site No. RIMP-1	Permit Requirement		Report (Mo/Total)	dry tona	COLENS OF		No.	57.532	:0	Monthly	of the second second
STANDARD STANDARD	THE STATE OF	The state of the s	The second second	Page Sayers	A COLUMN TO A SE	and the second of	Haracon Company		1,000	Montary	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.

RE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEBRIONE NO	DATE
RI -		DATE (mm/dd/yyyy)
	RI -	12-11-11-11-11-11-11-11-11-11-11-11-11-1

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

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, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Curbouzceo us 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	1 7					1			
2	.393	.393	100		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		
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	7 TO 1			5
14	.413	0.078	.300	.035	0.9/1.5	7.0	0.7	7	2 - 2	7	
15	.416	.416					-	Signer of the			
16	.442	.442	12.00		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		7		
19	.523		.523		2.5	7.1	0.8			~~	
20	.527	-	.495	.032	1.5	7.2	0.8				
21	.42 i	.421			0.9	7.1	0.8	7.77			
22	.445	.445	77					144	200		
23	,445	.445		-	0.6	7.0	0.8		100		
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	0	.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			1	1			1				
Total	13.561	7.006	6.233	.322	45.2	177.3	24.3	393	353	2.0	2.58
	.452	.233	.208	.011	1.8	7.1	0.9	196.5	176.5	1.0	129

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	Classe	Services.	Certificate No:		Name:	
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper

Permit Number:

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					+	<u> </u>
Mon. Site	EFB-001	EFA-001	EFA-001	EFA-001						
ι								†	+	-
2								7	1	
3	<.5	<1								
4	<.5	<1	-12-15					100	1	-
5	<.5	<1							-	
6						1	-			-
7										
8						1		100		
9	<.5	<1				311	1	-		-
10	<.5	<1	13.60	5.45					-	
. 11	<.5	<1	100					1.	1	
12	<.5	<1				1		-		1
13			Y-12		-	-	-	+		-
14										
15					-	_			-	
16	<5	<1	X-						-	+
17	<.5	<1								
18	<.5	<1						1		-
19	<.5	<1								-
20			1				-		1	
21					- 27 - 1					
22			(3.00 3			-		1		
23	<.5	<1	2					-		1.
24	<.5	<i< td=""><td>16.80</td><td>4.29</td><td></td><td></td><td></td><td></td><td></td><td></td></i<>	16.80	4.29						
25	1.8	<1			7		1	1		-
26	<.5	<1						- C		
27						1				
28										-
29					- "- 7					
30	<.5	<1				1	-			-
31										
	5.55	8	30.4	9.74			1			
Mo. Avg.		0.5		4.87		1				

PLANT STAFFING:					4		
Day Shift Operator	Class:	C	Certificate No:	_20501	Name:	Greg Wright	
y Shift Operator	Class:	С	Certificate No:	21394	Name:	Robert Bellino	
. ight Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street Key West, Florida 33040

LIMIT:

Final

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

N/A

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

MONITORING GROUP

R-001

reuse storage golf course pond and irrigation system, with Influent

Key West, FL 33045

RE-SUBMITTED DMR:

日

DESCRIPTION:

CLASS SIZE:

NO DISCHARGE FROM SITE:

COUNTY:

Monroe

MONITORING PERIOD

From:

August 1, 2013 To:

_August 31, 2013__

Parameter		Quantity o	r Loading	Units	Q	uality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement		.152								
PARM Code 50050 Y Mon. Site No. PLW-003	Permit Requirement		0.499 (An.Avg.)	MGD	Var.	Karta Marah	77,276			5 Days/Week	Flow Totalize
Flow - POND	Sample Measurement		.222								
PARM Code 50050 1 Mon. Site No. FLW-003	Pennit Requirement		Report (Mo:Avg.)	MGD					1 0	5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement		.009								
PARM Code 50050 Q Mon. Site No. FLW-004	Pennit - Requirement		0.06 (An.Avg.)	MGD				1		5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement						11.8			==	
PARM Code 00530 B Mon. Site No. EFB-001	Pennit Requirement	* 4		1.	3 1, 37		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		a de				25 (Max.)	#/100inL		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	0.8	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 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	321	(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

D.s.R. Charachens

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 39 of 346

FACILITY:

Mon. Site No. INF-001

Key West Resort Utility WWTP

MONITORING GROUP

R-001

PERMIT NUMBER: FLA014951-011-DW2P

NUMBER: MONITORING PERIOD From: August 1, 2013 To: August 31, 2013 Frequency of No. Parameter Quantity or Loading Units Quality or Concentration Units Analysis Sample 7.0 7.2 Hq Measurement 6.0 8.5 PARM Code 00400 A Pennit 5 Days/Week Grab 5.U. Mon. Site No. EFA-001 Requirement (Min.) (Max.) Chlorine, Total Residual (For Sample 1.5 Disinfection) Measurement PARM Code 50060 A 1.0 Permit mg/L. Continuous Meter Mon, Site No. EFA-001 Requirement (Min.) Sample Turbidity 1.9 Measurement PARM Code 00070 B Permit Report NTU Continuous Meter Mon. Site No. EFB-001 Requirement (Max.) Sample Flow - TOTAL .401 Measurement PARM Code 50050 R Permit 0.499 MGD 5 Days/Week Calculated Mon. Site No. FLW-001 Requirement (An: Avg.) Sample BOD, Carbonaceous 5 day, 20C 1.12 Measurement PARM Code 80082 Y 20.0 Pennit 8-hr FPC mg/L Every 2 weeks Mon. Site No. EFA-001 Requirement (An, Avg.) Sample <2 BOD, Carbonaceous 5 day, 20C <2 <2 Measurement 45.0 PARM Code 80082 A 60.0 30.0 Pennit 8-hr FPC mg/L Every 2 weeks Mon. Site No. EFA-001 Requirement (Max.) (Wk.Avg.) (Mo.Avg.) Sample Flow - TOTAL .422 .406 Measurement PARM Code 50050 S Pennit Report Report MGD 5 Days/Week Calculated Mon. Site No. FLW-001 (Mo.Avg.) (QLAvg.) Requirement Percent Capacity, Sample (TMADF/Permitted Capacity) x Measurement 81% 100 PARM Code 00180 1 Permit Report Monthly Calculated percent Mon. Site No. FLW-001 Requirement (Mo.Avg.) BOD, Carbonaceous 5 day, 20C Sample 196.52 (Influent) Measurement PARM Code 80082 G Permit Bi-weekly; every Report mg/L 8-hr FPC Mon, Site No. INF-001 Requirement (Max.) 2 weeks Sample Solids, Total Suspended (Influent) 190 Measurement PARM Code 00530 Q Permit Report Bi-weekly; every mg/L 8-hr FPC

Requirement

2 weeks

(Max.)

When Completed mall 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

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

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

MONITORING GROUP NUMBER: MONITORING GROUP

U-001 two Class V injection wells

Domestic

Key West, FL 33045

DESCRIPTION: RE-SUBMITTED DMR: . MONITORING PERIOD

NO DISCHARGE FROM SITE:

From:

August 1, 2013 To:

August 31, 2013

COUNTY: OFFICE:

Monroe South District

No. Frequency of Sample Units Quality or Concentration Units Quantity or Loading Parameter Ex. Analysis Type .240 Sample Flow - WELLS Measurement PARM Code 50050 Y Permit 0.499 Flow MGD 5 Days/Week Totalizer Mon. Site No. FLW-002 Requirement (An.Avg.) .171 Sample Flow - WELLS Measurement Flow PARM Code 50050 1 Pennit Report MGD 5 Days/Week **Totalizer** Mon. Site No. FLW-002 Requirement (Mo.Avg.) BOD, Carbonaceous 5 Sample 1.12 day, 20C Measurement 20.0 8-hr PARM Code 80082 Y Permit mg/L Every 2 weeks Mon. Site No. EFA-001 Requirement An. Avg.) FPC BOD, Carbonaceous 5 <2 Sample <2 <2 day, 20C Measurement PARM Code 80082 A 60,0 45.0 30.0 8-hr Permit mg/L Every 2 weeks FPC (Max.) Wk.Avg.) Mo.Avg. Mon. Site No. EFA-001 Requirement Sample Solids, Total Suspended 4.07 Measurement 20.0 8-hr PARM Code 00530 Y Permit mg/L Every 2 weeks FPC An.Avg.) Mon. Site No. EFA-001 Requirement 2 Sample 2 Solids, Total Suspended 1.12 Measurement 60.0 45.0 30.0 PARM Code 00530 A Permit 8-In mg/L Every 2 weeks Mon. Site No. EFA-001 (Max.) (Wk.Avg.) (Mo.Avg.) FPC Requirement

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 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	C3 WAA	(305)295-3301	69/25/2013

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

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: _August 1, 2013_ To:

August 31, 2013_

Parameter		Quantity of	or Loading	Units	Q	uality or Concentration	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement			L-LI		dr =					
PARM Code 74055 Y Mon. Site No. EFA-001	Pennit Requirement	_ 57	134		- # "	200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement					(f)	1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement	- *1		Y)	Bit States	200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL	6	Every 2 weeks	Grab
pH	Sample Measurement			E	7.0		7.2				
PARM Code 00400 A Mon. Site No. PFA-001	Permit Requirement			7 37	6.0 (Min.)		8.5 (Max.)	s.u.	11	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.)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		ing/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					23.72					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement		W = *.	2.75	A	Report (An.Avg.)	1.	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				- Ly(24)	Report (An.Avg.)	4 n.	mg/L		Every 2 weeks	· 8-hr PPC
Phosphorus, Total (as P)	Sample Measurement				6.72	6.72	6.5				
PARM Code 00665 A Mon. Site No. EFA-001	Permit Requirement			ide - X	Report (Max.)	Report (Wk:Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
					1 1 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		Yiii (
	1										

When Completed mall 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. 6630 Front Street

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: RMP-Q

Domestic

LOCATION:

6630 Front St., Stock Island Key West, FL 33045-

RE-SUBMITTED DMR:

Biosolids Quantity

NO DISCHARGE FROM SITE: MONITORING PERIOD From:

August 1, 2013

August 31, 2013

Monroe COUNTY: South District

Parameter		Quantity	or Loading	Units	Quality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Blosolids Quantity (Landfilled)	Sample Measurement		3.6					1		
PARM Code B0008 + Mon: Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry lons				0 -	Monthly	Calculated
\$1925. 10 Zing in 1942.	· 在生产。在生产		40.1900年度第	性能 對自由	SERVICE SERVICE SERVICE	Car San Francis	No. Taken	1. 2.6	With the Control	A Transfer Santa

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	(A FIR	305-295-3301	09/25/2013

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

DAILY SAMPLE RESULTS - PART B FLA014951-011-DW2P Facility: Key West Resort Utility WWTP

'ermit Number:

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, Carbonacco us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 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
	.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				-3
· n	.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	4.4.4			
15	.394	1	.375	.019	1.5	7.2	0.6	118 - 13			
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			1	
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			7	
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:							
Shift Operator	Class:	C	Certificate No:	20501	Name:	Greg Wright	
ift Operator	Class:	C	Certificate No:	21394	Name:	Robert Bellino	
Nigh. Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

armit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

ionitoring Period From: _August 1, 2013___ To: __August 31, 2013_

	Solids, Total Suspended nig/L Reuse	Collform, 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					
Lutin	1.6	<1					F		
2									
3									
4									
5	1.0	<1						1	
6	4,6	<1				1			
7	1.6	<1							
8	1.2	<1					7		
9	-								
10						2			
11									
12	1,2	<1							
- 13	1.2	<1	9.33	6.72		1.00			
14	1.0	<1							
15	1.0	<1							
16							-	1	
17									
18									
19	<0.5	<1							
20	1.2	<1							
21	1.2	<1							1
22	11.8	<1							
23									
24							1		
25							- 275		
26	<0.5	<1							
	<0.5	<1							
28	<0.5	<1	14.90	6.28		7			
29	<0.5	<1		1					
30									1000
31							17		
Total	8.5	29.85	24.23	13			12.		
Mo. Avg.	0.5	1.76	12.12	6.5			17		1

PLANT STAFFING: Shift Operator	Class:	c	Certificate No:	20501	Name:	Greg Wright	
یس Shift Operator	Class:	С	Certificate No:	21394	Name:	Robert Bellino	ď
Night Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street

Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY: LOCATION:

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

MONITORING GROUP NUMBER: MONITORING GROUP

R-001

Key West, FL 33045

DESCRIPTION: RE-SUBMITTED DMR:

reuse storage golf course pond and irrigation system, with Influent

COUNTY:

Monroe

NO DISCHARGE FROM SITE: MONITORING PERIOD

From:

July 1, 2013 To:

July 31, 2013_

OFFICE: Sour	th District	Quantity of	or Loading	Units	Q	on	Units	No. Ex.		Sample Type	
Flow - POND	Sample Measurement		.147							11 17	
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	8	0,499 (An.Avg.)	MGD					25	5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement		.164					11			
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement		Report (Mo.Avg.)	MGD		2.1.2.5		V - V		5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement		.009								
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement	* Y	0.06 (An.Avg.)	MGD	7.00	91 TOWN		× ,		5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement						5.4		10		
PARM Code 00530 D Mon. Site No. EFB-001	Pennit 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	0					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 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 (inm/dd/yyyy)
Mark Burkemper / Lead Operator	Marsh	(305)295-330J	08-26-2013
MENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments	there):	RECEIV	ÉD

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.

AUG 2 8 2013

D.E.P. Marathon

FACILITY:

Mon. Site No. INF-001

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER; FLA014951-011-DW2P

MONITORING PERIOD From: July 1, 2013 To: July 31, 2013 No. Parameter Frequency of Quantity or Loading Units Quality or Concentration Units Ex. Analysis Sample pH 6.9 7.2 Measurement PARM Code 00400 A Permit 6.0 8.5 5 Days/Week s.u. Grab Mon. Site No. EFA-001 Requirement (Min.) (Max.) Chlorine, Total Residual (For Sample 1.5 Disinfection) Measurement PARM Code 50060 A Permit. 1.0 mg/L Continuous Mon. Site No. EFA-001 Meter Requirement (Min.) Sample Turbidity 3.2 Measurement PARM Code 00070 B Permit Report NTU Continuous Meter Mon. Site No. EFB-001 Requirement (Max.) Sample Flow - TOTAL .395 Measurement PARM Code 50050 R 0.499 Permit MGD 5 Days/Week Calculated Mon. Site No. FLW-001 Requirement (An.Avg.) Sample BOD, Carhonaceous 5 day, 20C 1.12 Measurement PARM Code 80082 Y Pennit 20.0 Mon. Site No. EFA-001 mg/L Every 2 weeks 8-hr FPC Requirement (An.Avg.) Sample <2 BOD, Carbonaceous 5 day, 20C <2 2 Measurement PARM Code 80082 A Permit 60.0 45.0 30.0 mg/L Every 2 weeks 8-hr FPC Mon. Site No. EFA-001 Requirement (Wk.Avg.) (Max.) (Mo.Avg.) Sample Flow - TOTAL .441 .431 Measurement PARM Code 50050 S Permit Report Report MGD 5.Days/Week Calculated Mon. Site No. FLW-001 Requirement (Mo.Avg.) (Qt.Avg.) Percent Capacity, Sample (TMADF/Permitted Capacity) x Measurement 88% 100 PARM Code 00180 1 Pennit Report percent Monthly Calculated Mon, Site No. FLW-001 Requirement (Mo.Avg.) BOD, Carbonaceous 5 day, 20C Sample 291,18 (Influent) Measurement PARM Code 80082 G Permit Report Bi-weekly; every mg/L 8-hr FPC Mon. Site No. INF-001 Requirement (Max.) 2 weeks Sample Solids, Total Suspended (Influent) 212.50 Measurement PARM Code 00530 O Permit

Requirement

mg/L

Bi-weekly; every

2 weeks

8-hr FPC

Report

(Max.)

When Completed mall 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

LIMIT; CLASS SIZE: Final N/A

REPORT FREQUENCY:

Monthly

FACILITY: LOCATION:

COUNTY:

OFFICE:

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

MONITORING GROUP NUMBER: MONITORING GROUP

U-001 two Class V injection wells PROGRAM:

Domestic

Key West, FL 33045

Monroe

South District

DESCRIPTION: RE-SUBMITTED DMR:

8 NO DISCHARGE FROM SITE:

MONITORING PERIOD From:

July 1, 2013 To:

July 31 , 2013

Parameter		Quantity or Loading	Units	Quality or 6	Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement	.239			+					127
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	0.499 (An.Avg.)	MGD	Mark Strategy			131	0 1	5 Days/Week	Flow
Flow - WELLS	Sample Measurement	.269								L
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD	(A series			Ŷ		5 Days/Wcck	Flow
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		(4)	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		1 1 E 1		20.0 (An.Avg.)		ing/L	10.	Every 2 weeks	8-lir FPC
Solids, Total Suspended	Sample Measurement		Uli	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 (inin/dd/yyyy)
Mark Burkemper / Lead Operator	mass	(305)295-3301	08-26-2013

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

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP U-001 NUMBER: MONITORING PERIOD From: __July 1, 2013__ To:

PERMIT NUMBER: FLA014951-011-DW2P

July 31, 2013_

Parameter		Quantity o	r Loading	Units	Q	uality or Concentration	on	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
Colifonn, Fecal	Sample Measurement					12.21	<1			1.1 30-0-1	
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement	-		Y- Sy	F	(Mo.Gco.Mn.)	8,00 (Max.)	#/100mL		Every 2 weeks	Grab
рН	Sample Measurement			N L	6.9		7,2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement			1	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.)			ing/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					25.10		-			
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement			- 1	E	Report (An.Avg.)	+ 11	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	- 31	//	7	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.)	to y	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			- T	Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	ing/L		Every 2 weeks	8-lir FPC
									-		

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

Key West, FL 33045-

LIMIT:

Final N/A

From

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

CLASS SIZE: MONITORING GROUP NUMBER:

RMP-Q

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

MONITORING GROUP DESCRIPTION: RE-SUBMITTED DMR:

Blosolids Quantity

COUNTY:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD

July 1, 2013

July 31, 2013_

Parameter		Quantity o	r Loading	Units	Qu	uality or Concentrati	on.	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement	7	2.9						1 411	W. 10.1 (1.2)	12 and the Tab
	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
STATE OF STA		No. of Articles	在1300年的。1941年	提制自己的	这次可以是	对数据,对数据的 或	San and the	0.8550	100	F1500 V 4000	a military and

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	Mostsf	305-295-3301	08-26-2013

1

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

rmit 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	Flaw MGD Pond	Flow MGD MCDC	Chlorine, Total Residual (For Disinfection) mg/L	pH s.u.	Turbidity NTU Reuse	BOD, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonacco us 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	1		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	1 3 4			
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	1		0.5	7.0	1.6				
4	.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			0.1	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		15		
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	F-12-26	1.71		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:	В	Certificate No:	5355	Name:	Mark Burkemper	

DAILY SAMPLE RESULTS - PART B Facility: Key West Resort Utility WWTP

mit Number:

FLA014951-011-DW2P

Monitoring Period

From: _July 1, 2013___ To: __July 31, 2013_

	Solids, Total Suspended mg/L Reusc	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L						
Code	00530	74055	00600	00665						
Ion. Site	EFB-001	EFA-001	EFA-001	EFA-001	1 - 77					
1	1.4	<1								
2	<0.5	<1	22.4	5.84						
3	3.2	</td <td></td> <td></td> <td>Tea.E.</td> <td></td> <td></td> <td></td> <td></td> <td></td>			Tea.E.					
4										
5						Ÿ			1 -1	1 == 2
6									Const	
7					1					
8	<0.5	<1								30
9	5.4	<]					Time			
10	<0.5	<1		41		N		7		1
11	<0.5	<1				14	VII			
12										
13										
14										
15	2.2	<1								
16	<0.5	<1	10.80	4.85						
17	<0.5	<1				5				
18	<0.5	<1								
19		14.			F			St. Tox		
20					11 11					
21										
22	<0.5	<1								
23	2.4	<1								
24	2.2	<1	1				142			110-
25	2.0	<1	1							
26							-			-
27										
28					/					
29	<0.5	<1							_	-
30	2,0	298	11.4	6.08					-	
31	<0.5	<1				10		4		4
Total	23.3	306.5	44.6	16.77		1			1	
Mo. Av	g. 1.29	17.0	14.86	5.59						

ANT STAFFING: y Shift Operator	Class:	С	Certificate No:	20501	Name:	Greg Wright	
Day Shift Operator	Class:	С	Certificate No:	21394	Name:	Robert Bellino	
Night Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

When Completed mall 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. Key West, Florida 33040

PERMIT NUMBER:

CLASS SIZE:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street

LIMIT:

Final

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

MONITORING GROUP

N/A R-001

From:

reuse storage golf course pond and irrigation system, with Influent

DESCRIPTION:

RE-SUBMITTED DMR:

NO DISCHARGE FROM SITE:

June 30, 2013

COUNTY: OFFICE:

Monroe

Key West, FL 33045

MONITORING PERIOD

_June 1, 2013__To:

South District Frequency of Sample Type Units **Quality or Concentration** Quantity or Loading Units Parameter Ex. Analysis .143 Sample Flow - POND Measurement 0.499 MGD PARM Code 50050. Y Permit Flow Totalizer 5 Days/Week (An.Avg.) Mon. Site No. FLW-003 Requirement Sample .122 Flow - POND Measurement MGD: Report PARM Code 50050 1 Permit Flow Totalizer A 5 Days/Week 2 3 + 1 m Requirement (Mo.Avg.) Mon. Site No. FLW-003 .009 Sample Flow - MCDC Measurement 0.06 MGD Permit PARM Code 50050 Q Flow Totalizer 5 Days/Week (An.Avg.) Mon. Site No. FLW-004 Requirement Sample 1.4 Solids, Total Suspended Measurement 5.0 PARM Code 00530 B Permit ing/L 4 Days/Week Grab (Max.) Mon. Site No. EFB-001 Requirement Sample <1 Coliforn, Fecal Measurement 25 Permit. PARM Code 74055 A #/100mL 4 Days/Week Grab (Max.) Mon. Site No. EFA-001 Requirement 100% Coliform, Fecal, % less than Sample detection Measurement 75 PARM Code 51005 A Permit 4 Days/Week Calculated percent (Mo.Total) Mon, Site No. EFA-001 Requirement

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 gothering 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	Tower 34	(305)295-3301	07-24-2013

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

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING PERIO

R-001

PERMIT NUMBER: FLA014951-011-DW2P

Bernmaler		Quantity of	e Looding	Units	0	uality or Concentrati	ion	Units		requency of	
Parameter		Quantity	ir Laiauing	Units	V	damy or Concentian	Oil	Units	Ex.	Analysis	
рН	Sample Measurement				6.9	C-C-54	7.1				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min.)	Mars T	8.5 (Max.)	s.u.	1	Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Pennit Requirement			(1-1)	1.0 (Min.)			ing/L	. 3	Continuous	Метет
Turbidity	Sample Measurement						2.4		Jaj i		
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement	*		6, -			Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL	Sample Measurement		.388	11							
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	Permit Requirement			ļ 1		20.0 (An.Avg.)		mg/L	E	very 2 weeks	8-hr FPC
BOD, Carbonaccous 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	E	very 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 (Qt.Avg.)	MGD		4	Market		5	Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						84%				
PARM Code 00180 1 Mon. Site No. FLW-001	Pennit Requirement					Mar.	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	Bj-	weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						237				
PARM Code 00530 Q Mon. Site No. INF-001	Pennit Requirement					W = 5	Report (Max.)	mg/L	Bi-	weekly; every 2 weeks	8-hr FPC

JUL 25 117

COR CLASS

When Completed mall 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

LIMIT: CLASS SIZE: Final N/A REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY: LOCATION: Key West Resort Utility WWTP 6630 Front St., Stock Island MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION:

U-001

吕

From:

two Class V injection wells

Key West, FL 33045

RE-SUBMITTED DMR: NO DISCHARGE FROM SITE:

MONITORING PERIOD

June 1, 2013 To:

June 30, 2013

COUNTY: OFFICE: Monroe South District

Parameter		Quantity or Loading	Units	Quality or Co	ncentration	ent.	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement	.236						, Si		J.
PARM Code 50050 Y Mon. Site No. FLW-002	Pennit Requirement	.0.499 (Ап.Avg.)	MGD						5 Days/Week	Flow Totalize
Flow - WELLS	Sample Measurement	.291								
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement	Report (Mo.Avg.)	MGD		04				5 Days/Week	Flow Totalize
BOD, Carbonaceous 5 day, 20C	Sample Measurement		4		1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Pennit Requirement				20.0 (An.Avg.)	rg r	mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement			2	<2	<2	1			
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	ing/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement				4.31		4			
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	Perimit Requirement			60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC

Lecrtify 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 (min/dd/yyyy)
Mark Burkemper / Lead Operator	Marsh	(305)295-3301	07-24-2013

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

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

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 55 of 346

FACILITY:

Key West Resort Utility WWTP

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: _June 1, 2013_ To:

June 30, 2013_

Parameter		Quantity o	r Loading	Units	Units Quality or Concentration					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					(Mo.Gco.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Gmb
Н	Sample Measurement				6.9		7.1				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement	SX /			6,0 (Min.)		8,5 (Max.)	5.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.)		1. (3)	mg/L	TW -	5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					26.18					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement					Report (An.Avg.)	in the second	mg/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Measurement				22.6	22.6	15.6				
PARM Code 00600 A Mon. Site No. EFA-001	Permit Requirement			- 4	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	Pennit Requirement			2		Report (An:Avg.)	$\{x_i\}=\{x_i,\dots,x_{i,k}\}$	mg/L	May	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	10	Every 2 weeks	8-hr FPC
			1.5					V 8	- N		4.8
			25 204		and the second				19-12	v.	

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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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 57 of 346

FACILITY:

COUNTY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: RMP-Q

Domestic

LOCATION:

6630 Front St., Stock Island

RE-SUBMITTED DMR:

Biosollds Quantity

Key West, FL 33045-Monroe

South District

NO DISCHARGE FROM SITE: MONITORING PERIOD

H From:

June 1, 2013_

June 30, 2013

Parameter		Quantity or Loading		Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Blosolids Quantity (Landfilled)	Sample Measurement	17 8 8 17	3.8		The state of the s	ANNUAL VALUE	rentes.	STATEMENT TO SE	Acres de la constitución
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 helief, 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 (min/dd/yyyy)
	mursy	305-295-3301	07-24-2013
Mark nurkemper / Leid Operator	7.00.		

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

JUL 25 1.15 BEN ASSESSED

1

annit 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, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 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		. 2	0.9	6.9	0.9				
2	.422	.422									
3	.421	.421	-		0.8	7.0	1.2		7		
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			7	
8	.419	.419			0.8	7.0	0,8		7		
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			7	
15	.385	.385			1.0	7.1	0.7				
16	.382	.382									
17	.382	.382		Tage 1	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			7.	
25	.375		.351	.024	2.5	7.0	1.0		12.		
26	.399		.383	.016	2.3	7.1	1.6				
27	.390		.371	.019	1.6	6.9	2.8				1
28	.394		.373	.021	4.0	7.0	2.4				
29	.413	.413			1.3	7.0	2.4				
30	.379	.379								1	
31						7-2-			1		
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:							es.
Shift Operator	Class:	C	Certificate No:	20501	Name:	Greg Wright	و معرود کیارو کے
Day Shift Operator	Class:	C	Certificate No:	21394	Name:	Robert Bellino	ger 12 i.
Night Shift Operator	Class:		Certificate No:		Name:		302 50
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	D.S.R. Lakelin
Conc observed					0.7000000000000000000000000000000000000		

rmit 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						
lon. Site	EFB-001	EFA-001	EFA-001	EFA-001				1		1
1										
2										
3							4	1 - 2 -		
4			22.6	4.63	-1-1					
5	<0.5	<1					1	(=		
6									100	
7				Lec et					10	
8										
9			0							
10	<0.5	<1					115 -			
- 11	<0.5	<1								
12	<0.5	<1 Q					1 1			1
13	<0.5	<1								
14										
15		T								
16									7	
17	1.4	<1								
18	<0.5	<1	8.59	4.19		1			47-	
19	<0.5	<1								
20	<0.5	<1				W.				
21									4	
22				/						
23										
24	<0.5	<1	VI -							
25	<0.5	<1			-					
26	1.2	<1	VIET TO THE REAL PROPERTY OF THE PERTY OF TH			T				
27	<0.5	<1	5					7		
28		THE	77			1				1
29		1								
30			XII						- March 1	
31									W	
Total	5.1	6.5	31.19	8.82		1				
Mo. Avg		0.5	15.6	4.41			411			

Clase	c	Certificate No:	20501	Name:	Greg Wright	+4
			7.50000	Nome	Dohest Relling	- W. C V V V V V V V.
Class:	_C	Certificate No:	21394	Name:	Robert Bellino	35 11 · 1 · 1·
Class:		Certificate No:		Name:	0	301, <u>23 - 9</u>
Class:	В	Certificate No:	5355	Name:	Mark Burkemper	D. 3. P. 3.
	Class:	Class: C	Class: C Certificate No: Class: Certificate No:	Class: C Certificate No: 21394 Class: Certificate No:	Class: C Certificate No: 21394 Name: Class: C Certificate No: Name:	Class: C Certificate No: 21394 Name: Robert Bellino Class: C Certificate No: Name: Name:

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

DESCRIPTION:

R-001

reuse storage golf course pond and irrigation system, with Influent

Key West, FL 33045

RE-SUBMITTED DMR: NO DISCHARGE FROM SITE:

Mov 1 2013 To:

May 31, 2013

MONITODING PERIOD

OFFICE: Monroe OFFICE: South District Parameter		MONITORINGTERM	OD 11011111111 11111 _111111011		
	eter	Quantity or Loading	Units	Quality or Concentration	Units No.
		7.75			

Parameter Sou	in District	Quantity of	or Loading	Units	Quality or Concentr	ation	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			- 8	1	5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement		.174							
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement		Report (Mo.Avg.)	MGD		7 (4) (4) (4) (4)			5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement		.010							
PARM Code 50050 Q Mon. Site No. FLW-004	Pennit Requirement		0.06 (An.Avg.)	MGD	The state of the s	V.			5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement					2.2		J.	2	
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement	1		4	10 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement					</td <td></td> <td></td> <td></td> <td></td>				
PARM Code 74055 A Mon, Site No. EFA-001	Permit Requirement	7-8		1012 E		25 (Max.)	"#/100m1.	14	4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement				100%					
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			9 1 2 3	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/ITTLE 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	marsh	(305)295-3301	06-24-2013

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

D.E.F. tharachon

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

				MONITO	RING PERIOD	From: May 1, 20	13 To:	May 3	1, 2013		
Parameter		Quantity of	or Loading	Units	Q	uality or Concentrat	ion	Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement				6.7	1	7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Permit	tra te			6.0 (Min.)		8.5 (Mex.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5		1 7				
PARM Code 50060 A Mon. Site No. EFA-001	Permit Requirement			100	1.0 (Min.)		10 × 3. 13.	mg/L		Continuous	Meter
Turbidity	Sample Measurement						3.0				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement			3r		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Report (Max.)	บาน		Continuous	Meter
Flow - TOTAL	Sample Measurement		.384								-
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement	-	0,499 (An.Avg.)	MGD		10 mg				5 Days/Week	Calculated
BOD, Carbonaccous 5 day, 20C	Sample Measurement					1.12					
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement					20.0 (An.Avg.)	\$16 ²⁷ (45)	mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2	<2			1	
PARM Code 80082 A Mon. Site No. EFA-001	Permit Requirement	4		1- 3	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.)	(Qt.Avg.)	MGD		*				5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement	9				*	83%				>
PARM Code 00180 1 Mon. Site No. FLW-001	Permit Requirement		4 97	17-11-16			(Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement						282.35				
ARM Code 80082 G	Permit Requirement		h mai		0.3	103	Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement						205	0			
PARM Code 00530 Q Mon. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

PATRICA (1974) JUN 25 2013

D.E.P. Marathon

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

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:

CLASS SIZE:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street Key West, Florida 33040

LIMIT:

Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP

MONITORING PERIOD

U-001

two Class V injection wells

LOCATION:

6630 Front St., Stock Island

DESCRIPTION:

日

RE-SUBMITTED DMR: NO DISCHARGE FROM SITE:

From:

_May 1, 2013_To:

May 31, 2013_

COUNTY: OFFICE:

Monroe South District

Key West, FL 33045

Parameter		Quantity or	Loading	. Units Quality or Concentration					No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement		,234					10	h Li	111	- 74
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement		0.499 (An.Avg.)	MGD		h 3 - 3	F.			5 Days/Week	Flow Totalizer
Flow - WELLS	Sample Measurement	= 11	.252								
PARM Code 50050 I Mon. Site No. FLW-002	Permit Requirement	. +	Report (Mo.Avg.)	O*MGD		3		90		5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement	F = 4				1.12				1	
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement	ν ₀ (1)	* > 1 /			20.0 . (An.Avg.)		mg/L	y I	Every 2 weeks	8-hr FPC
BOD; Carbonaccous 5 day, 20C	Sample Measurement	1			Q	<2	<2				
PARM Code 80082 A Mon. Site No. EFA-001	Pennit Requirement	1 00			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				12.	
PARM Code 00530 Y Mon, Site No. EFA-001	Permit Requirement	4. 1		1	Promote the second	20.0 (An.Avg.)	-	mg/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement				3.00	3.00	1.63				1:4
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 (inm/dd/yyyy)
Mark Burkemper / Lead Operator	matsy	(305)295-3301	06-24-2013

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

FACILITY:

Key West Resort Utility WWTP

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: __May 1, 2013__ To:

May 31, 2013_

Parameter		Quantity	or Loading	Units	Q	n	Units	No. Ex.		Sample Type	
Coliform, Fecal	Sample Measurement					<1			S.A.	3.00,00	
PARM Code 74055 Y Mon. Site No. EFA-001	Pennit Requirement	ani Sen				200 (An.Avg.)		#/100mL	200	Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement					1	1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement		.0		135	(Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
ρΗ	Sample Measurement				6.7		7.2		L		
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement		N.A.	- H	6.0 (Min.)	4	8.5 (Max.)	\$.u.	4-1	5 Days/Week	Gmb
Chlorine, Total Residual (For Disinfection)	Sample Measurement				0.5						
ARM Code 50060 A Ion. 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		1	13	W - 1	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	Pennit Requirement	3			Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement			1.50		4.60					
PARM Code 00665 Y Mon. Site No. EFA-001	Pennit Requirement	10	97		and the sale of	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	e e		Ha	Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
		20mailion									
									0		

PECCHANGED

JUN 28 des

DER Berather

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street Key West, Florida 33040

LIMIT:

CLASS SIZE:

Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

FACILITY: LOCATION: Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: RMP-Q

6630 Front St., Stock Island Key West, FL 33045-

RE-SUBMITTED DMR:

Blosolids Quantity

Domestic

COUNTY:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD

H From:

May 1, 2013___ To: May 31, 2013_

Parameter		Quantity of	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			Marya garag		0	Monthly	Calculated
48		-	The same is	The second		Service of the	1 - 4		1 -1		4

1 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, accumic, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowling 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	musse	305-295-3301	06-24-2013

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

Min 26 2018 DER Wayathon

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 64 of 346

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, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 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		4		
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				11='='
5	.552	,552									
6	.551	.551			0.5	6.9	2.7				11.50
7	.455	.455	1		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				U.E.
10	.407		.394	.013	1.6	7.0	3.0				
11	.345		.344	.001	2.1	7.1	2.0				
12	.380	.380									7
13	.390	.390			2.6	6.9	1.6		Tel.,		
14	.366 :	.366			1.2 ·	7.0	1.4			-	1,000
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			1 1	1
18	.348		.335	.013	1.5	7.2	1.0				
19	.342	.342				1.000	Position				
20	.341	.341			1.5	7.1	1.1				
21	.380		.370	.010	1.7	7.1	1.4		7 === 1	1	1
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				7
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			1	-
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		4		9
31	.620	.620			0.5	6.9	2.0		1	7	
Total	13.438	7.818	5.402	.218	36.85	189.5	45.2	465.29	401	2	3.25
Mo. Avg.	.433	.252	1.174	.007	1.4	7.0	1.7	232.6	200.5	1	1.63

Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	
Night Shift Operator	Class:		Certificate No:		Name:		D.E.P. Marathon
Day Shift Operator	Class:	c	Certificate No:	21394	Name:	Robert Bellino	
PLANT STAFFING: Shift Operator	Class:	С	Certificate No:	20501	Name;	Greg Wright	EIN 2 6 3053

Permit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

nitoring 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						
on. Site	EFB-001	EFA-001	EFA-001	EFA-001	0			4		1
	<0.5	<1								
2	<0.5	<1						1		
3										
4	The same							11		-
5										0 5 5
6	<0.5	<1				JI T				
7	1.2	<1	21.5	5.25						4
8	2.2	<1			-					
9	1.2	<1								
10				TE CE	7			4	4	
11							11/25			
12							- 1			
13	<0.5	<1				-		1		
14	<0.5	<1								
15	<0.5	<1 .								
16	<0.5	<1				11				4
17	-					1		3 / -		
18										
19										-
20	<0.5	<1		X						
21	<0.5	<1						4		_
22	<0.5	<1	22.3	6.36						
23	<0.5	<1	d L = =						4	-
24		4	W.			3				7
25										
26				4					3	
27					1					
28	<0.5	<1			1					-
29										
30								-		_
31								_		
Total		7.5	43.8	11.61			_		-	
Mo. Av	vg. 0.51	0.5	21,9	5.81				LIVE TO	1 1206!	

PLANT STAFFING:	Class:	C	Certificate No:	20501	Name:	Greg Wright	JUN 2 8 page
Day Shift Operator	Caiss.			01001	Marray	Robert Bellino	47 I- m .
.y Shift Operator	Class:	С	Certificate No:	21394	Name:	ROOCH Dennio	S.E.F. Marathon
Night Shift Operator	Class:		Certificate No:		Name:		
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street

Key West, Florida 33040

Key West, FL 33045

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP

R-001

reuse storage golf course pond and irrigation system, with Influent

LOCATION:

6630 Front St., Stock Island

DESCRIPTION: RE-SUBMITTED DMR:

COUNTY:

Monroe

NO DISCHARGE FROM SITE: MONITORING PERIOD

8 From:

_April 1, 2013 To:

April 30, 2013

OFFICE: South	District	Quantity of	r Loading	Units	Qı	uality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	· Sample Measurement		.132			1					
PARM Code 50050 Y Mon, Site No. FLW-003	Permit Requirement	1 0	0.499 (An.Avg.)	MGD		1 1				5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement		,242								1000
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement	9	Report (Mo.Avg.)	MOD			1811 - T	1 4		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			1 613 1 613 1	7. 7.1-7	20	5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement				1 = =		5.2		1		
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement			N		Asi in the	5.0 (Max.)	mg/L		4 Days/Weck	Grab
Coliform, Fecal	Sample Measurement				Light.		<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			y.,			25 (Max.)	, #/100ml.		4 Days/Week	Grab
Coliform, Feeal, % less than detection	Sample Measurement			7	100%						
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement				75 (Mo.Total)		S.P.	percent	u,	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)
	mersh	(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.

MAY 2 8 2013

O.E.P. Marathon

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

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 67 of 346

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

				MONITO	RING PERIOD 1	From: April 1, 2	013 To:	April 3			
Parameter		Quantity o	r Loading	Units	. 0	uality or Concentrat	ion	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.)	5.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.)		100	mg/L	× .	Continuous	Meter
Furbidity	Sample Measurement						2.8				
PARM Code 00070 B Mon. Site No. EFB-001	Pennit Requirement					34.25 July 1	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	The most of the form					5 Days/Week	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			14.1		1.12					
PARM Code 80082 Y	Permit Requirement					20.0 (An.Avg.)	AR SE	mg/L	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	$\{ c_{n_1}^{-1} \}$	Every 2 weeks	8-hr FPC
Flow - TOTAL	Samplé Measurement	.403	.402		1 1						
PARM Code 50050 S Mon. Site No. FLW-001	Pennit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD						5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						80.6%				40
PARM Code 00180 I Mon. Site No. FLW-001	Permit Requirement						(Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaccous 5 day, 20C (Influent)	Sample Measurement						441.5			(= = = =	
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement					y P Militar	Report (Max.)	mg/L	1	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				Section of the		Report (Max.)	mg/L	Ĺ.,	Bi-weekly: every 2 weeks	8-hr PPC

PECENCO

MAY 2 9 2013

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

PERMITTEE NAME:

PARM Code 00530 Y

Mon. Site No. EFA-001

Solids, Total Suspended

PARM Code 00530 A

Mon, Site No. EFA-001

K W Resort Utility, Corp.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

8-hr

FPC

8-hr

FPC

Every 2 weeks

Every 2 weeks

FACILITY: LOCATION:

COUNTY:

OFFICE:

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

MONITORING GROUP NUMBER: MONITORING GROUP

U-001

20.0

An.Avg.

2.67

45.0

Wk.Avg.) (Mo.Avg.

two Class V injection wells

Key West, FL 33045

Monroe

Permit

Sample

Permit

Requirement

Measurement

Requirement

South District

DESCRIPTION: RE-SUBMITTED DMR: MONITORING PERIOD

From:

NO DISCHARGE FROM SITE:

_April 1, 2013_To:

April 30 , 2013_

Parameter		Quantity o	r Loading	Units	Quality or Co	ncentration	1 2 2	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement		.234					1		Tring	
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement		0.499 (An.Avg.)	MGD	general va Jacob Williams	1.5-1.		12		5 Days/Week	Flow Totalizer
Flow - WELLS	Sample Measurement		.149								
PARM Code 50050 1 Mon, Site No. FLW-002	Permit Requirement		Report (Mo.Ayg.)	MGD			1		77 (4	5 Days/Week	Flow Totalizer
BOD, Carbonaccous 5 day, 20C	Sample Measurement		Y	1		1.12					1
PARM Code 80082 Y	Permit Requirement					20.0 (An.Avg.)	() ()	mg/L	3.5	Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement				<2	<2	<2				1
PARM Code 80082 A	Permit Requirement				60.0 (Mox.)	45.0 (Wk,Avg.)	30:0 (Mo:Avg.)	mg/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement					4.18		. 1			

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	marsy.	(305)295-3301	05-23-2013

2.67

60.0

(Max.)

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

2.17

30.0

mg/L

MAY 2 8 2013

D.E.P. Marathen

FACILITY:

Key West Resort Utility WWTP

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: _April 1, 2013_ To:

April 30 , 2013_

Parameter		Quantity of	or Loading	Units	Q	uality or Concentrat	ion	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement					<1				Tunery and	
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement					200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Colifonn, Fecal	Sample Measurement					1			1		
PARM Code 74055 A Mon. Site No. EFA-001	Pennit Requirement					200 (Mo.Gco.Mn.)	800 (Max.)	#/100mL	5. 5.	Every 2 weeks	Grab
Н	Sample Measurement				6.7		7.2				
PARM Code 00400 A Mon. Site No. EFA-001	Pennit . 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			E S	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		Fivery 2 weeks	8-hr FPC
	7								, pr		4 A
4								(" - , _)	(#)		

MAY 2 8 2013

D.E.P. Marash "也

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: RMP-Q

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island

Key West, FL 33045-

RE-SUBMITTED DMR:

Biosolids Quantity

COUNTY:

Monroe South District NO DISCHARGE FROM SITE: MONITORING PERIOD

믑 From:

_April 1, 2013____ To:

April 30, 2013

Parameter		Quantity (or Loading	Units	Q	uality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement		5.7		100						
PARM Code B0008 -1. Mon: Sile No. RMP-1	Permit Requirement		Report (Mo,Total)	dry IQIIs					Ö	Monthly	Calculated
twom. Site Ng. 10417-1.	. Manager of the second		erione de la						DEWN.		Jack is

L 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	must-	305-295-3301	05-23-2013

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

MAY 2.9 2013

D.E.P. Marathun

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 72 of 346

DAILY SAMPLE RESULTS - PART B

MAY 2 9 2018

mit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTB) E.P. Marathon

From: __April 1, 2013__ To: _April 30 , 2013___ Monitoring Period

	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, Carbonacco us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 5 day, 20C mg/L	Solids, Tota Suspended mg/L
Code	50050	50050	50050	50050	50060	00400	00070	80082	00530	80082	00530
Ion. 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	F		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	100			
6	.404	.253	.151		2.5	6.9	0.7	-			
7	.449	.449									9
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		1		9
12	,429		.410	.019	1.7	7.1	0.8		I		
3	.376	.235	.111.	.030	1.6	7.0	0.9				
14	.395	.395						, P			
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		1		
21	.405	.405									
22	.405	.405			1.7	7.0	1.5				
23	.395		.364	.031	1.6	7.0	1.7		1,1	- T-	
24	.337	1	.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	1	.394	.018	1:7	7.1	1.5				
27	.381	1	.361	.020	1.5	7.1	1.8				
28	.392	.392									
29	.393	.393		Tue E	1.0	7.2	1.5				
30	.390		.364	.026	1.5	7.0	2.8	H			
31						111					
Total	12.078	4.456	7.273	.349	54	181.5	29.3	758.42	617	2.0	4.34
Mo. Av	. 403	.149	.242	.012	2.07	6.9	1.1	379.2	308.5	1.0	2.17

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:	В	Certificate No:	5355	Name:	Mark Burkemper

Docket No. 150071-SU Engineering MFRs Exhibit CAJ-2, Page 73 of 346

RECENTE

DAILY SAMPLE RESULTS - PART B

mit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

MAY 2.5 2018

Monitoring Period From: April 1, 2013 To: April 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						
on. Site	EFB-001	EFA-001	EFA-001	EFA-001						1 72
L-	<0.5	<								
2	<0.5	<1								-
3	<0.5	<1								100
4	<0.5	<1							1	
5							- 1			
6										
7	1					1		100		
8	<0.5	<1 .								
9	1.8	<1	13.7	5.09		4		The second		
10	1.2	<1								
11	<0.5	<1				.00	7 / -	4		
12										
_ 13										-
14				W.				Y 5 C	1	
15	<0.5	<1								-
16	<0.5	<1			y					
17	1.8	<1								
18	<0.5	<1					1 /4			
19									-	1
20										
21										
22	<0.5	<1								
23	3.8	<1				1			1	
24	1.6	<1	16.5	5.53		-VE				
25	5.2	<1								
26						111				
27	1									
28		11.				1				
29	<0.5	<1								4
30	<0.5	<1							_	
31								-		
Total	18.4	9	30.2	10.62		11/		4		
	g. 1.02	0.5	15.1	5.31	direct .					

S. A. COARLETTE W						
ANT STAFFING: _y Shift Operator	Class:	С	Certificate No:	20501	Name:	Greg Wright
Day Shift Operator	Class:		Certificate No:		Name:	
Night Shift Operator	Class:		Certificate No:		Name:	
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper

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

PERMITTEE NAME: MAILING

K W Resort Utility, Corp. 6630 Front Street

PERMIT NUMBER:

FLA014951-011-DW2P

ADDRESS:

Key West, Florida 33040

Key West, FL 33045

LIMIT:

Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY:

Key West Resort Utility WWTP

CLASS SIZE: MONITORING GROUP NUMBER: MONITORING GROUP

R-001

reuse storage golf course pond and irrigation system, with Influent

LOCATION:

6630 Front St., Stock Island

DESCRIPTION:

RE-SUBMITTED DMR: NO DISCHARGE FROM SITE:

March 1, 2013 To:

March 31, 2013_

COUNTY:

Monroe South District

MONITORING PERIOD From:

OFFICE: Sour	In District	Quantity or Loading	Units	Q	uality or Concentrati	on	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.					y 10	5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement	.189	1							
PARM Code 50050 1 Mon. Site No. FLW-003	Permit Requirement	Report (Mo.Avg.)	MCD		15 ft 2 2 2 4 1 2		10. 10		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.)	MOD						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.)	ing/L		4 Days/Week	Gmb
Coliform, Fecal	Sample Measurement				p-4 Za	<1		1		
ARM Code 74055 A	Permit Requirement		1000 2			25 (Max.)	#/100m1.		4 Days/Week	Grab
Coliform, Fecal, % less than election	Sample Measurement			100%			-1			
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement			(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	moth	(305)295-3301	04.25.13

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

D.E.P. Warathon

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

				MONITO	RING PERIOD F	rom: March 1,	2013 To:	March			
Parameter		Quantity of	or Londing	Units	Q	uality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement		8		6.5		6.9				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement				6.0 (Min:)	A	. 8.5 (Max.)	s.u. 🖖	ms.	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			Y	
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement					E' HALL	Report (Max.)	NTU	41.	Continuous	Meter
Flow - TOTAL	Sample Measurement		.371				W			0.00-75-75-75-1	2.5765.70
PARM Code 50050 R Mon, Site No. FLW-001	Permit Requirement	A H	0.499 (An.Avg.)	MGD				Ž-,	5	5 Days/Week	Calculated
BOD, Carbonaccous 5 day, 20C	Sample Measurement			(1.12	l ent				W
PARM Code 80082 Y Mon. Site No. EFA-001	Permit Requirement			1		(An.Avg.)		ing/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement			A 10	3.2	2.1	2.1				
PARM Code 80082 A Mon. Site No. EFA-001	Pennit Requirement		12 - 13 - A - 18		60.0 (Max.)	45.0 (Wk.Avg.)	(Mo.Ayg.)	mg/L	1.5	Every 2 weeks	8-hr FPC
Flow - TOTAL	Sample Measurement	.408	.398			1 -= 1					
PARM Code 50050 S Mon. Site No. FLW-001	Permit Requirement	Report (Mo.Avg.)	(Qt.Avg.)	MGD				45		5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement						79.8%				
PARM Code 00180 1 Mon: Site No. FLW-001	Permit Requirement					4.	Report (Mo.Avg.)	percent	9 10	Monthly	Colculated
BOD, Carbonaccous 5 day, 20C (Influent)	Sample Measurement						402.5			75	
PARM Code 80082 G Mon. Site No. INF-001	Permit Requirement			313	10 to		Report (Max.)	ing/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			1. 15	7		Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

RECEIVED APR 2 9 2013

D.E.P. Marathon

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

LIMIT:

Final

CLASS SIZE:

N/A

REPORT FREQUENCY: PROGRAM:

Monthly Domestic

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER: MONITORING GROUP

U-001

two Class V injection wells

LOCATION:

6630 Front St., Stock Island

Key West, FL 33045

DESCRIPTION: RE-SUBMITTED DMR:

MONITORING PERIOD

日 NO DISCHARGE FROM SITE: From:

March 1, 2013 To:

March 31, 2013

COUNTY:	Monroe
OFFICE:	South Distric

Parameter		Quantity or L	oading	Units	Quality or Co	ncentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement		.233								
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	e	0,499 (An.Avg.)	MGD				(1)		5 Days/Week	Flow Totalizer
Flow - WELLS	Sample Measurement	Y	.216								
PARM Code 50050 1 Mon. Site No. FLW-002	Permit Requirement		(Mo.Avg.)	MGD		Year of the	- 10	- 1.3		5 Days/Week	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement		7		; J	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	13		1-0-1	
PARM Code 80082 A	Pennit Requirement			1	60.0 (Max.)	45,0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Solids, Total Suspended	Sample Measurement					4.08					
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				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	8-in 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	mush	(305)295-3301	04-25-2013

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

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: _March 1, 2013_ To:

March 31 , 2013_

Parameter		Quantity o	r Loading	Units	Q	uality or Concentrati	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement					<1				154	
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	Gmb
Н	Sample Measurement				6.5		6.9				
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement		16		6,0 (Min.)		8.5 (Max.)	s.u.	1.1/1	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.)	* \$ 5 1	質力を受ける。	ing/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					29.01			1-4		
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement		() # ₁		testing a s	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	Pennit Requirement		A.		Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	ing/L	4	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			4.	Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
						N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	V 7		- 1		
1.4 17 4					fw & So		\$1.19				

RECEIVED

APR 2 9 2013

D.E.P. Marathon

MONITORING GROUP NUMBER:

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

FACILITY:

Key West Resort Utility WWTP

RMP-0

Biosolids Quantity

Domestic

LOCATION:

6630 Front St., Stock Island Key West, FL 33045-

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

B From:

March 1, 2013 To:

March 31, 2013

COUNTY:

Monroe South District

Parameter		Quantity	or Loading	Units	Quality or Concentra	ation	Units	No. Ex.	Frequency of Analysis	Sample Type
Discould Description of andfilled	Sample Measurement		7		The state of the s	n seria describación destre	State of State A	hid Kessa	Carlos Andrews	Alebeke Kilomak
PARM Code B0008 + Mon, Site No. RMP-1	Pennit Requirement	5.5 6	Report (Mo.Total)	dry lons				. 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	Martin	305-295-3301	04-25-13

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

RECEIMED APR 2.0 2018 D.E.P. Maratron

Permit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

.onitoring 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, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 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	1		0.8	6.6	1.0				
5	.400	.400	Ď.	The	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				J
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		7		
15	.420		.420		1.5	6.8	0.8		1		
16	.417	.278	.139		1.7	6.9	0.9				
17	.399	.399							V		
18	.400	.400			4.8	6.8	0.9		10-2		
19	.400		.400		2.0	6.8	1.0				
20	.486		.486		1.7	6.9	1.0		JE =35		
21	.449		.449		1.6	6.8	0.7				
22	.458	.458			0.6	6.7	0.9	1-1-1			
23	.396	.396			0.6	6.9	1.2				
24	.424	.424		1							,
25	.424	.424	152		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				15
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

PLANT STAFFING:							RELEWEL
Day Shift Operator	Class:	C	Certificate No:	20501	Name:	Greg Wright	
Shift Operator	Class:		Certificate No:		Name:		APK 3 3 3013
Night Shift Operator	Class:		Certificate No:		Name:		D.E.P. Sarathon
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

Permit Number: FLA014951-011-DW2P . Facility: Key West Resort Utility WWTP

nitoring Period From: March 1, 2013___ To: _March 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						
ion. Site		EFA-001	EFA-001	EFA-001						
1									1.00	7
2	100									
3			Q.							
4	<0.5	<1				12-3		1		
5	<0.5	<1								
6	<0.5	<1								
7	<0.5	<1			2					/100mm
8			1	1						
9										
10								*		
11	<0.5	<1				1				
12	3.4	<1	24.7	5.31						
13	<0.5	<1			V		T K			
14	<0.5	<1					11 11 1			
15										
16										
17		-								
18	<0.5	<1								
19	<0.5	<1								
20	<0.5	<1				H HE F	0			
21	<0.5	<1				1				
22										
23	1					1				
24	-	+		1			1	7		
25	<0.5	<1					*			
26	<0.5 .	<1	24.5	3.24				11 = 1		
27	<0.5	<1				7		7		
28	<0.5	<1				7				
29	10.2	9 1			7	1 5				1
30	-				7			1		
31		1	1			1		1		-
	7.15	8	49.2	8.55	70-			3 3 -		
Total Mo. Avg	and the same of th	0.5	24.6	4.27	-	+			RELEE	

PLANT STAFFING: Day Shift Operator	Class:	С	Certificate No:	20501	Name:	Greg Wright	APR 2 9 2013
Shift Operator	Class:		Certificate No:		Name:		DER MONTHE
Night Shift Operator	Class:		Certificate No:		Name:	4-1-1-	
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

When Completed mall 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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE: Final

REPORT FREQUENCY: PROGRAM:

Monthly

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

MONTTORING GROUP NUMBER: MONITORING GROUP

N/A R-001 reuse storage golf course pand and irrigation system, with Influent

Domestic

Key West, FL 33045

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

OFFICE: South	District	Quantity or	Loading	Units	Qu	unlity or Concentrati	ion	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	$\mathcal{J}_{n-1}^{(n)} = \mathcal{J}_{n-1}^{(n)} = \mathcal{J}_{n-1}^{(n)}$				30	5 Days/Week	Flow Totalizer
Flow - POND	Sample Measurement		.121					E A Level II	4 8 7 28 7	Complete State of the	A Shared San
PARM Code 50050 1 Mon: Site No. FLW-003	Permit Requirement	100	Report (Ma.Avg.)	MGD		Ya Carana		1/4		5 Days/Week	Flow Totalizer
Flow - MCDC	Sample Measurement		.017								100000000000000000000000000000000000000
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement		0.06 (An.Avg.)	MGD		24 A	The state of			5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement	- 11					2.2			914-5 (196-6	0.000
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement	100	St 1				(Max.)	mg/L	1	4 Days/Week	Grab
Coliform, Fecal	Sample Measurement						<1				
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement			170			25 (Max.)	-#/100mL	1. 3	4 Days/Week	Grab
Coliform, Fecal, % less than detection	Sample Measurement				100%			20 1 V = 201		unional programs	Tradition
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement				75 (Mo.Total)		0.00	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)
	muss	(305)295-3301	03-25-13
Mark Burkemper / Lead Operator	100		2000

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

D.E.P. Marathon

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

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014951-011-DW2P

				MONITO	RING PERIOD I	From: February	1, 2013 To:	Febru	nry 28,	2013	
Parameter		Quantity o	r Loading	Units	Q	uality or Concentrat	ion	Units	No. Ex.	Frequency of Analysis	
H	Sample Measurement				6.5		6.8		-		
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement	1			6.0 (Min.)		8.5 (Mnx.)	S.u.	(4)Y1	5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.5						
PARM Code 50060 A Mon. Site No. EFA-001	Pennit Requirement				(Min.)			mg/L		Continuous	Meter
Furbidity	Sample Measurement						3.4				
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement	17					Report (Max.)	NTU		Continuous	Meter
low - TOTAL	Sample Measurement		.365	1 3 4							
PARM Code 50050 R Mon. Site No. FLW-001	Permit Requirement		0.499 (An.Avg.)	MGD				5.5	ing .	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,	1 3 7 4 1 3 7 4	Every 2 weeks	8-hr FPC
3OD, Carbonaceous 5 day, 20C	Sample Measurement			L	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						-	1	
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		7				Report (Max.)	mg/L		Bi-weekly, every 2 weeks	8-hr FPC
Solids, Total Suspended (Influent)	Sample Measurement				×		275				
ARM Code 00530 Q Ion. Site No. INF-001	Permit Requirement						Report (Max.)	mg/L	711	Bi-weekly; every 2 weeks	8-hr FPC

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MAR 2 7 2013

D.E.P. Marathon

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

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

FACILITY: LOCATION:

OFFICE:

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

MONITORING GROUP NUMBER: MONITORING GROUP

U-001

Domestic

Key West, FL 33045

South District

DESCRIPTION: RE-SUBMITTED DMR:

two Class V injection wells

COUNTY: Monroc

NO DISCHARGE FROM SITE: MONITORING PERIOD

H From:

February I, 2013_To:

February 28, 2013_

Parameter		Quantity of	or Loading	Units	Quality or C	Quality or Concentration			No. Ex.	Frequency of Analysis	Sample Type
Flow - WELLS	Sample Measurement		.228			112	131				
PARM Code 50050 Y Mon. Site No. FLW-002	Permit Requirement	1.0	0,499 (An.Avg.)	MGD			3/			5 Days/Week	Flow
Flow - WELLS	Sample Measurement		.272								
PARM Code 50050 1: Mon. Site No. FLW-002	Permit Requirement		Report (Mo.Avg.)	MGD				5 51		5 Days/Week	Flow
BOD, Carbonaceous 5 day, 20C	Sample Measurement					1.03					4
PARM Code 80082 Y Mon. Site No. EFA-001	Pennit Requirement		4.30		- 350 - 500 00-1	20.0 (An.Avg.)		ing/L	0.4	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	Pennit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	ing/L	V (3)	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.)	0.0	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-ln: 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	musos	(305)295-3301	03.25-13

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

MAR 2 7 2013

D.E.P. Warathon

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

U-001

PERMIT NUMBER: FLA014951-011-DW2P

MONITORING PERIOD From: _February 1, 2013_ To:

February 28, 2013_

Parameter		Quantity	or Loading	Units	Q	uality or Concentrati	ion	Units	No.	Frequency of Analysis	Sample Typ
Coliform, Fecal	Sample Measurement					<1				7.00.00	7
PARM Code 74055 Y Mon. Site No. EFA-001	Permit Requirement					200 (An Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement					1	<				L
PARM Code 74055 A Mon. Site No. EFA-001	Permit Requirement		//			(Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab
рН	Sample Measurement				6.5		7.8				
PARM Code 00400 A Mon. Site No. EFA-001	Pennit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.	i = X	5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				0.6				lej		
PARM Code 50060 . A Mon. Site No. EFA-001	Permit Requirement				0.5 (Min.)	i de remi		mg/L		5 Days/Week	Grab
Nitrogen, Total	Sample Measurement					28.16					
PARM Code 00600 Y Mon. Site No. EFA-001	Permit Requirement					Report OAn, Avg.)		ing/L		Every 2 weeks	8-hr FPC
Nitrogen, Total	Sample Measurement		ارحاجيا		23.70	17.19	17.19				
PARM Code 00600 A Mon. Site No. EFA-001	Pennit Requirement				Report (Max.)	Report (Wk.Avg.)	Report (Mo.Avg.)	ing/L		Every 2 weeks	8-hr FPC
Phosphorus, Total (as P)	Sample Measurement					4.45					
PARM Code 00665 Y Mon. Site No. EFA-001	Pennit Requirement		5		No Care	Report (An.Avg.)		mg/L	, 01 10 10 10 10 10 10 10 10 10 10 10 10 1	Every 2 weeks	8-hr PPC
Phosphorus, Total (as P)	Sample Measurement				4.79	4.13	4.13			j	
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
The state of the s								Ne it sa			
	JE 34							W		ar V	

RECEIVED
MAR 2 7 2013
D.E.P. Marathon

MONITORING GROUP NUMBER:

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS:

6630 Front Street

Key West, Florida 33040

LIMIT:

Final N/A

REPORT FREQUENCY:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP DESCRIPTION:

CLASS SIZE:

RMP-O

PROGRAM:

Domestic

LOCATION:

6630 Front St., Stock Island Key West, FL 33045-

RE-SUBMITTED DMR:

Biosolids Quantity

COUNTY:

Monroc South District NO DISCHARGE FROM SITE: MONITORING PERIOD

日 From:

February1, 2013

February 28, 2013

Parameter-		Quantity of	or Londing	Units	Q	uality or Concentrat	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	Sample Measurement							1	1		
PARM Code B0008+ Mon-Site No. RMP-1	Permit Réquirement	5.9	Report + (Mo.Total):	dry tons					0	Monthly	Calculated
	是"经验",所谓	检验的形态性的影响	最近公司的	可能是的	都是許是其可能的	A PARTY OF THE PAR	STATE STATES	of the same	0/2/20		series in the contract of

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 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	TELEPHONENO	DATE (mm/dd/yyyy)
Mark Burkemper / Lead Operator	moss	305-295-3301	03.25.13

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

D.E.P. Marathen

amit 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, Carbonaceo us 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	BOD, Carbonaceo us 5 day, 20C mg/L	Sollds, 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		1 ×	0.6	6.6	0.3				
5	.393	.393			5.0	6.5	2.0	1			
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		1 1		
9	.433	.433			0.7	6.6	0.6				
10	.413	.413								1	
11	.414	.414			0.6	6.6	0.8			1	
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				1					= ===
13	.399	.399			3.5	6.7	0.5				
19	.368	.215	.140	.013	1.5/1.0	6.5	1.0			Y === 1	
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				1-8-1
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	*		(FITTER		Tage 1						
31			1			1				1	
Total	11.074	7.617	3.39	.067	38.4	158.3	33.1	715	521	2	0.5
Mo. Avg.	4	.272	1.121	.002	1.6	6.6	1.5	357.5	260.5	1	0.25

NT STAFFING:							WECELLED
Shift Operator	Class:	C	Certificate No:	20501	Name:	Greg Wright	- Panin and
Day Shift Operator	Class:		Certificate No:		Name:		MAK 2 (2013
Night Shift Operator	Class:		Certificate No:		Name:		D.E.P. Marathan
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

amit Number:

FLA014951-011-DW2P

Facility: Key West Resort Utility WWTP

From: _February 1, 2013 ____ To: _February 28, 2013_ Monitoring Period

	Solids, Total Suspended mg/L Rouse	Collform, 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				11
1					-					1
2										-
3			-						-	
4	1.0	<1					-		4	-
5								+	-	
6							*			
7					to	1	-	_	-	
8		7								
9		/					_			
10										
11	2.2	<1								-
12	1.6	<1	23.7	3.46			-			-
13	<0.5	<1					-			1
4	1.4	<1								+
15									77	
16						-			-	
17						1	+		-	
18	<0.5	<1						-		
19	<0.5	<1				-		-	-	
20	<0.5	<i< td=""><td></td><td></td><td></td><td></td><td>-</td><td>+-</td><td>-</td><td>+</td></i<>					-	+-	-	+
21	<0.5	<1					-	-	-	-
22							-	-		
23						4				
24	4									+
	1.8	<1			-					
	<0.5	<1	8.68	4.79	_			+		
	<0.5	<1						+	-	
	<0.5	<1			*	-	1	1 - 2		+
29					-	-		-	-	
30									-	1-3
31					_	6	-		-	-
	10	13	34.38	8.25						-
lo. Avg.		0.5		4.13				-		

P'-NT STAFFING:							RECEIVED
· ift Operator	Class:	C	Certificate No:	20501	Name:	Greg Wright	MAR 2 7 ones
Day Shift Operator	Class:		Certificate No:		Name:		
Night Shift Operator	Class:		Certificate No:		Name:		D.E.P. marethon
Lead Operator	Class:	В	Certificate No:	5355	Name:	Mark Burkemper	

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.

PERMIT NUMBER:

FLA014951-011-DW2P

MAILING ADDRESS: 6630 Front Street Key West, Florida 33040

LIMIT: CLASS SIZE: Final N/A

REPORT FREQUENCY: PROGRAM:

Monthly

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP NUMBER:

R-001

reuse storage golf course pond and irrigation system, with Influent

Domestic

LOCATION:

6630 Front St., Stock Island

Key West, FL 33045

MONITORING GROUP DESCRIPTION:

RE-SUBMITTED DMR:

日 NO DISCHARGE FROM SITE:

From:

COUNTY:

Monroe

MONITORING PERIOD

_January 1, 2013 To:

January 31, 2013

OFFICE: Soul	th District	Quantity o	r Loading	Units	Qu	ality or Concentrat	ion	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow - POND	Sample Measurement		.120								
PARM Code 50050 Y Mon. Site No. FLW-003	Permit Requirement	9 41 21	0.499 (An.Avg.)	MGD				X	, F	5 Days/Weck	Flow Totalizer
Flow - POND	Sample Measurement		.078						li]		
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								7.00
PARM Code 50050 Q Mon. Site No. FLW-004	Permit Requirement		0,06 (An.Avg.)	MGD		777	9.4		no C.	5 Days/Week	Flow Totalizer
Solids, Total Suspended	Sample Measurement	_					. 2.0				
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement	0.20					5.0 (Max.)	mg/L	7	4 Days/Week	Grab
Coliform, Fecal	Sample Measurement				T.		<1	121			
PARM Code 74055 A Mon, Site No. EPA-001	Permit Requirement			2 f 2m/r			25 (Max.)	#/100mL	,	4 Days/Week	Grah
Coliform, Fecal, % less than detection	Sample Measurement				100%						
PARM Code 51005 A Mon. Site No. EFA-001	Permit Requirement	18			75 (Mo.Total)	(Article)		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	muss	(305)295-3301	02-18-2013

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

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FER 20 2013

D.E.P. Marathon

FACILITY:

Key West Resort Utility WWTP

MONITORING GROUP
NUMBER:
MONITORING PERIOD From: January 1, 2013

PERMIT NUMBER: FLA014951-011-DW2P

Parameter		MONITORING PERIOD From: January 1, 2013 To: January 31, 2013									
		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	
pH	Sample Measurement		الما الما الما		6.5		7.1		1		
PARM Code 00400 A Mon. Site No. EFA-001	Permit Requirement		5 p. 1. 16 m.		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				1.8						
	Permit Requirement	tive en's			1,0 (Min.)			mg/L		Continuous	Meter
Turbidity PARM Code 00070 B Mon. Site No. EFB-001	Sample Measurement						1.9				
	Permit Requirement) 					Report (Max.)	NTU		Continuous	Meter
Flow - TOTAL PARM Code 50050 R Mon. Site No. FLW-001	Sámple Measurement		.362			4					
	Permit Requirement		0.499 (An Avg.)	MGD				. # ! !	9 (0)	5 Days/Week	Calculated
BOD, Carbonaccous 5 day, 20C PARM Code 80082 Mon. Site No. EFA-001	Sample Measurement					1.03					
	Permit Requirement					20.0 (An.Avg.)		mg/L		Every 2 weeks	8-hr FPC
BOD, Carbonaceous 5 day, 20C PARM Code 80082 A Mon. Site No. EFA-001	Sample Measurement				2.0	2.0	1.3				
	Permit Requirement				60.0 (Max.)	45.0 (Wk:Avg.)	30.0 (Mo.Avg.)	mg/L		Every 2 weeks	8-hr FPC
Flow - TOTAL PARM Code 50050 S Mon. Site No. FLW-001	Sample Measurement	.390	.402								
	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD				- 17		5 Days/Week	Calculated
Percent Capacity, (TMADF/Permitted Capacity) x 100 PARM Code 00180 1 Mon, Site No. FLW-001	Sample Measurement						81%				
	Permit Requirement						Report (Mo.Avg.)	percent	J = 1	Monthly	Calculated
BOD, Carbonaccous 5 day, 20C (Influent) PARM Code 80082 G Mon. Site No. INF-001	Sample Measurement						316				
	Pennit Requirement					Mary's	Report (Max.)	mg/L	- 1	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		Sign and the second	10-			Report (Max.)	mg/L		Bi-weekly; every 2 weeks	8-hr FPC

RECEIVED

FEB 2 0 2013

D.E.P. Marathon