

Key Largo Wastewater Treatment District
Board of Commissioners Meeting
Agenda Item Summary

Meeting Date:
September 15, 2026

Agenda Item Number: O-4

Action Required:
Yes

Department:
Legal

Sponsor:
Nicholas W. Mulick

Subject:

Refund to Florida Keys College for overpayment of Monthly Base Charge

Summary:

On August 4, 2026 the Board reduced the number of EDUs used to calculate the college's monthly charge from 35.6 to 2.2. Staff determined that the original assessment of 35.6 EDUs was based on a misinterpretation of the Florida Administrative Code Section used to project water consumption for the college (by the College Engineers), resulting in an overcharge of \$39,374.52.

<u>Reviewed / Approved</u>	<u>Financial Impact</u>	<u>Attachments</u>
Operations: _____	\$ (39,374.52)	1. Refund Credit options
Administration: _____		2. 36 month consumption study
Finance: _____	Funding Source:	
District Counsel: _____	N/A	
District Clerk: _____	Budgeted:	
Engineering: _____	N/A	

Approved By: _____

General Manager



Date: 9-10-26

Wastewater Base Charge Refund Options

2.2 EDUs

Credit Amount Options	Date Range	Amount
1 Year	6/1/26- 7/1/25	\$11,965.58
2 Years	6/1/26-7/1/24	\$23,063.82
3 Years	6/1/26-7/1/23	\$33,937.62
3 Years - Current	6/1/26-1/1/23	\$39,374.52

Water Usage Calculations

Alternate Key #	1659672
Owner	The College of the Florida Keys
Current Tenant	The College of the Florida Keys
FK44 Meter #	20094172
FK44 Location ID	020320
Tenant FK44 Act #	612768
Property Type Code	PRIVATE SCHOOL (7200)
Service Address	10604 Overseas Hwy
Service City	Key Largo
NAV Year	2006
Res. or Non-Res	Non-Res
Most Current Year in Study	2025
AK EDU Assigned Per NAV	35.6
AK Current EDU	35.6
KLWTD to FK44 EDU	36
# Months Studied	36
Calculation Date	5/28/2026



RAW	MAX3MO	61.181
	AVG3MO	20.394
3 STD	RAW EDU	4.1
	MAX3MO	32.702
	AVG3MO	10.901
	EDU	2.2
2 STD	MAX3MO	32.702
	AVG3MO	10.901
	EDU	2.2

64 E Calculation	
Total Sq Ft	
On By # Units	
Sq Ft Per Unit	
On By 100	
X 157.167	
EDU	0.0

Notes/Comments:													
Year	Month	Exemption (Place an X next to the consumption value to be thrown out)	Monthly Consumption (Gal)	Monthly Consumption Removing Exemptions	Monthly Consumption With Mean Substitutions	Monthly Consumption 3 STD DEV Correction	Monthly Consumption 2 STD DEV Correction	3 Consecutive Months	3 Month Consumption (Gal)	3 Month Consumption (Gal) 3 STD DEV	3 Month Consumption (Gal) 2 STD DEV		
2025	DEC		6980	6980	6980	6980	6980	6980 DEC-NOV-OCT	28,315	28,315	28,315		
	NOV		9906	9906	9906	9906	9906 NOV-OCT-SEPT	29,360	29,360	29,360			
	OCT		11429	11429	11429	11429	11429 OCT-SEPT-AUG	24,651	24,651	24,651			
	SEPT		8025	8025	8025	8025	8025 SEPT-AUG-JULY	17,801	17,801	17,801			
	AUG		5197	5197	5197	5197	5197 AUG-JULY-JUNE	14,388	14,388	14,388			
	JULY		4579	4579	4579	4579	4579 JULY-JUNE-MAY	17,685	17,685	17,685			
	JUNE		4612	4612	4612	4612	4612 JUNE-MAY-APR	21,250	21,250	21,250			
	MAY		8494	8494	8494	8494	8494 MAY-APR-MAR	24,057	24,057	24,057			
	APR		8144	8144	8144	8144	8144 APR-MAR-FEB	25,269	25,269	25,269			
	MAR		7419	7419	7419	7419	7419 MAR-FEB-JAN	21,315	21,315	21,315			
	FEB		9706	9706	9706	9706	9706 FEB-JAN-DEC	20,002	20,002	20,002			
	JAN		4190	4190	4190	4190	4190 JAN-DEC-NOV	17,733	17,733	17,733			
2024	DEC		6106	6106	6106	6106	6106 DEC-NOV-OCT	23,764	23,764	23,764			
	NOV		7437	7437	7437	7437	7437 NOV-OCT-SEPT	26,316	26,316	26,316			
	OCT		10221	10221	10221	10221	10221 OCT-SEPT-AUG	24,164	24,164	24,164			
	SEPT		8658	8658	8658	8658	8658 SEPT-AUG-JULY	19,937	19,937	19,937			
	AUG		5285	5285	5285	5285	5285 AUG-JULY-JUNE	18,840	18,840	18,840			
	JULY		5994	5994	5994	5994	5994 JULY-JUNE-MAY	23,020	23,020	23,020			
	JUNE		7561	7561	7561	7561	7561 JUNE-MAY-APR	23,999	23,999	23,999			
	MAY		9465	9465	9465	9465	9465 MAY-APR-MAR	25,472	25,472	25,472			
	APR		6973	6973	6973	6973	6973 APR-MAR-FEB	27,189	27,189	27,189			
	MAR		9034	9034	9034	9034	9034 MAR-FEB-JAN	25,513	25,513	25,513			
	FEB		11182	11182	11182	11182	11182 FEB-JAN-DEC	24,102	24,102	24,102			
	JAN		5297	5297	5297	5297	5297 JAN-DEC-NOV	23,452	23,452	23,452			
2023	DEC		7623	7623	7623	7623	7623 DEC-NOV-OCT	28,830	28,830	28,830			
	NOV		10532	10532	10532	10532	10532 NOV-OCT-SEPT	29,770	29,770	29,770			
	OCT		10675	10675	10675	10675	10675 OCT-SEPT-AUG	32,702	32,702	32,702			
	SEPT		37042	37042	37042	37042	37042 SEPT-AUG-JULY	55,566	55,566	55,566			
	AUG		13464	13464	13464	13464	13464 AUG-JULY-JUNE	24,977	24,977	24,977			
	JULY		5060	5060	5060	5060	5060 JULY-JUNE-MAY	18,576	18,576	18,576			
	JUNE		6448	6448	6448	6448	6448 JUNE-MAY-APR	20,582	20,582	20,582			
	MAY		7070	7070	7070	7070	7070 MAY-APR-MAR	22,575	22,575	22,575			
	APR		7064	7064	7064	7064	7064 APR-MAR-FEB	25,010	25,010	25,010			
	MAR		8441	8441	8441	8441	8441 MAR-FEB-JAN	21,404	21,404	21,404			
	FEB		9505	9505	9505	9505							
	JAN		2455	2455	2455	2455							