

*Valencia Water
Control District*


Agenda

July 13, 2021

AGENDA

**VALENCIA WATER CONTROL DISTRICT
NOTICE OF MEETING
OF
BOARD OF SUPERVISORS**

Please be advised that the Meeting of the Board of Supervisors of Valencia Water Control District will be held on Tuesday, July 13, 2021 at 1:00 P.M. in the **Lake Ridge Village Clubhouse, 10630 Larissa Street (Directions listed below)**. Attached is an Agenda for the meeting.



George S. Flint, District Director

DIRECTIONS TO MEETING:

From Orlando go West on I-4 to the Beach Line Expressway (528); go east past International Drive to Orangewood Blvd.; Go South on Orangewood Blvd., through 4-way stop at Gateway, turn left on Larissa Street. Proceed to Lake Ridge Village Clubhouse on right.

DISTRIBUTION

Roy Miller; William Ingle; Ed Neal; Debra Donton; Brian Andrelczyk; David E. Mahler; Stephen F. Broome; Green Briar Village Clubhouse; Lake Ridge Village Clubhouse; Lime Tree Village Clubhouse; Montpelier Village Clubhouse; Parkview Pointe Village Clubhouse; Somerset Village Clubhouse; Deer Creek Village Clubhouse; Wingate Club; Lyle Spector, WHOA; and Tom Johnson, Orangewood HOA; Roy Miller, Waterview HOA; and Ken LaFrance, Windsor Walk.

"Persons are advised that if they decide to appeal any decisions made at these meetings/hearings, they will need a record of the proceedings and for such purpose they may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based, per section 298.0105, Florida Statutes."

"In accordance with the Americans with Disabilities Act, persons with disabilities needing a special accommodation should contact Valencia Water Control District at (407) 841-5524 x 101, not later than forty-eight hours prior to the meeting."

AGENDA

July 13, 2021

VALENCIA WATER CONTROL DISTRICT
BOARD OF SUPERVISORS MEETING
1 P.M.

LAKE RIDGE VILLAGE CLUBHOUSE
10630 LARISSA STREET
WILLIAMSBURG, ORLANDO, FLORIDA 32821

Item

1. Call Meeting to Order
2. Public Comment Period
3. Approval of June 8, 2021 Minutes
4. General Fund Financial Reports
5. Engineer's Report
 - A. Consideration of Permit #0516 – Grande Lakes Boulevard Canal Crossing
 - B. Consideration of Permit #0517 – W. Taft Vineland Canal Crossing
 - C. Presentation of Annual Engineer's Report
 - D. Presentation of Capital Improvement Projects (CIP) Listing
6. Attorney's Report
7. Director's Report
 - A. Customer Call Log
 - B. Consideration of Permit #0518 – Fence on District Easement
8. Other Business
9. Adjournment

SECTION III

**MINUTES OF THE ANNUAL MEETING
OF THE BOARD OF SUPERVISORS
OF VALENCIA WATER CONTROL DISTRICT**

June 8, 2021

The regular meeting of the Board of Supervisors of **VALENCIA WATER CONTROL DISTRICT** was held at 1:00 P.M. on Tuesday, June 8, 2021 at the Lake Ridge Village Clubhouse, 10630 Larissa Street, Orlando, Florida. Present were Supervisors Roy Miller, William Von Ingle, Brian Andreleczyk and Debra Donton. Also in attendance were the following: Stephen F. Broome, District Attorney; George S. Flint, District Director; David Mahler, District Engineer; Dan Brown, Sthern Environmental; Stacie Vanderbilt, District Administrative Assistant; Teresa Viscarra, District Accountant.

ITEM #1

Call Meeting to Order

Mr. Flint called the meeting to order at 1:00 P.M. A quorum of four Board members was present.

ITEM #2

Public Comment Period

Mr. Flint noted that no members of the public were present to comment. The next item followed.

ITEM #3

Administer Oath of Office to Newly Elected Supervisor

Mr. Broome being a Notary Public of the State of Florida administered the Oath of Office to Mr. Brian Andreleczyk.

ITEM #4

Election of President of Board of Supervisors

The Board nominated Mr. Roy Miller as President.

On MOTION by Mr. Andreleczyk, seconded by Mr. Ingle, with all in favor, Mr. Roy Miller was elected President of the Board of Supervisors.

ITEM #5

Appoint District Attorney

On MOTION by Mr. Ingle, seconded by Ms. Donton, with all in favor, Mr. Stephen Broome was appointed District Attorney.

ITEM #6

Appoint District Engineer

On MOTION by Mr. Miller, seconded by Mr. Andreleczyk, with all in favor, Mr. David Mahler was appointed District Engineer.

ITEM #7

Appoint District Treasurer and Director

On MOTION by Mr. Andreleczyk, seconded by Ms. Donton, with all in favor, Mr. George Flint was appointed District Treasurer and District Director.

ITEM #8

Appoint District Deputy Treasurer

On MOTION by Mr. Andreleczyk, seconded by Ms. Donton, with all in favor, Mr. Roy Miller was appointed District Deputy Treasurer.

ITEM #9

Appoint District Secretary

On MOTION by Ms. Donton, seconded by Mr. Andreleczyk, with all in favor, Mr. Stephen Broome was appointed District Secretary.

ITEM #10

Appoint District Deputy Secretaries

On MOTION by Mr. Miller, seconded by Ms. Donton, with all in favor, Mr. William Von Ingle, Mr. Ed Neal, Ms. Debra Donton and Mr. Brian Andreleczyk were appointed District Deputy Secretaries.

Item #11

Approval of May 11, 2021 Minutes

Mr. Flint stated the next item was the minutes from the May 11, 2021 meeting. He asked if there were any corrections, deletions or additions.

On MOTION by Mr. Miller, seconded by Ms. Donton, with all in favor, the Minutes from May 11, 2021 Monthly Meeting were approved, as presented.

Item #12

General Fund Financial Reports

Mr. Flint stated that some of the line items were under budget in and went over the different funds spending items with the Board. He added the funds would even out as more projects were complete.

Item #13

Engineer's Report

Mr. Mahler reviewed two new permits that will be brought back for approval. The annual report is in progress.

Item #14

Attorney's Report

There being none,

Item #15

Director's Report

A. Call Log

Mr. Flint reviewed the call log with the Board. He explained the background of the customer that spoke to the aquatic manager about treatment of Torpedo grass.

Mr. Flint added that wasn't listed on the log that Mr. Andrelezyk called about the condition of the C-5 canal going through Sea World. The canal was treated and will be monitored. He added there was a Deer Creek pond that was also treated.

Item #16

Other Business

Mr. Flint explained that he contacted the Orange County Sheriff with District information so that they are able to respond to resident inquiries properly. The Sheriff's Office replied that they would work with their deputies.

Mr. Flint stated that Grande Pines development has a plat that backs up to one of the District's canals and that Orange County was giving the developer trouble about having a drainage easement in place. He suggested the District enter into a Consent Joinder resolution where Mr. Miller could sign it when finalized.

On MOTION by Mr. Andrelezyk, seconded by Ms. Donton, with all in favor, a Resolution delegating authority to Roy Miller to execute the final consent joinder was approved.
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Item #17

Adjournment

On MOTION by Ms. Donton, seconded by Mr. Von Ingle, with all in favor, the meeting was adjourned at 1:26 p.m.

Stephen F. Broome, Secretary

William Von Ingle

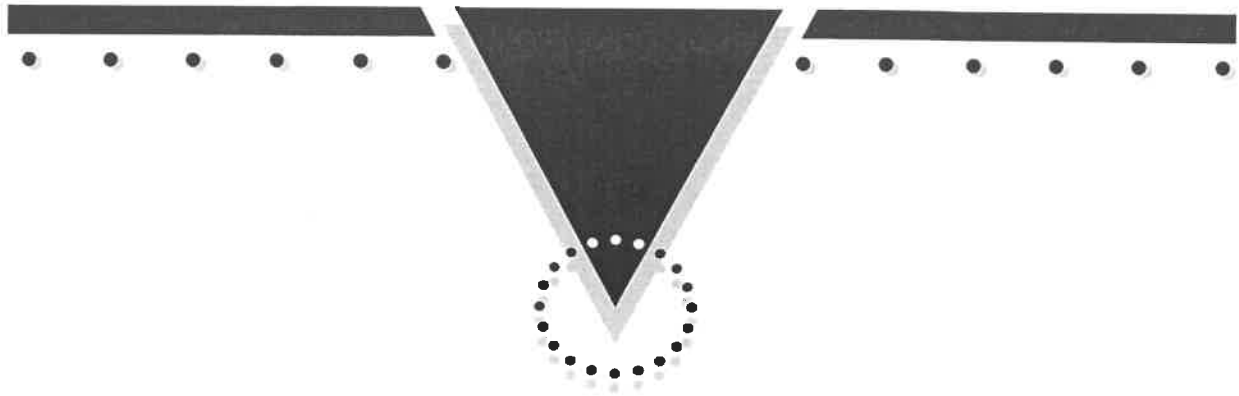
Ed Neal

Debra Donton

Roy Miller

Brian Andrelczyk

SECTION IV



Valencia
Water Control District

Unaudited Financial Reporting

June 30, 2021



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VALENCIA
WATER CONTROL DISTRICT
BALANCE SHEET
June 30, 2021

General Fund	Capital Reserve Fund	Totals 2021
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ASSETS:

CURRENT ASSETS

OPERATING - SUNTRUST	\$273,153	---	\$273,153
CAPITAL RESERVE - SUNTRUST	---	\$55,899	\$55,899
<u>INVESTMENTS</u>			
SBA - CAPITAL RESERVES	---	\$571,096	\$571,096
SBA - OPERATING RESERVES	\$52,621	---	\$52,621
PETTY CASH	\$100	---	\$100
TOTAL CURRENT ASSETS	\$325,875	\$626,995	\$952,870

FIXED ASSETS

LAND	\$700,120	---	\$700,120
STRUCTURES	\$672,531	---	\$672,531
CANALS	\$2,888,690	---	\$2,888,690
PONDS	\$1,245,537	---	\$1,245,537
EQUIPMENT & OFFICE FURNITURE	\$12,767	---	\$12,767
ACCUMULATED DEPRECIATION	(\$4,777,731)	---	(\$4,777,731)
TOTAL FIXED ASSETS	\$741,914	\$0	\$741,914
TOTAL ASSETS	\$1,067,789	\$626,995	\$1,694,784

LIABILITIES:

ACCOUNTS PAYABLE	---	---	\$0
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FUND EQUITY:

FUND BALANCES:

UNASSIGNED	\$325,875	\$626,995	\$952,870
NET ASSETS CAPITALIZED	\$741,914	---	\$741,914
TOTAL LIABILITIES & FUND EQUITY	\$1,067,789	\$626,995	\$1,694,784

VALENCIA

WATER CONTROL DISTRICT

GENERAL FUND

Statement of Revenues & Expenditures

For The Period Ending June 30, 2021

	ADOPTED BUDGET	PRORATED BUDGET THRU 6/30/21	ACTUAL THRU 6/30/21	VARIANCE
REVENUES:				
ASSESSMENTS - TAX ROLL	\$553,302	\$536,014	\$536,014	\$0
INTEREST	\$500	\$375	\$93	(\$282)
TOTAL REVENUES	\$553,802	\$536,389	\$536,108	(\$189)
EXPENDITURES:				
ADMINISTRATIVE:				
SUPERVISORS FEES	\$2,500	\$1,875	\$1,350	\$525
ENGINEERING	\$37,200	\$27,900	\$19,934	\$7,966
ATTORNEY	\$12,000	\$9,000	\$9,000	\$0
ANNUAL AUDIT	\$5,200	\$5,200	\$5,200	\$0
ASSESSMENT ROLL CERTIFICATION	\$2,500	\$2,500	\$2,500	\$0
MANAGEMENT FEES	\$48,800	\$36,600	\$36,600	(\$0)
WEBSITE ADMINISTRATION	\$1,200	\$900	\$900	\$0
INSURANCE	\$12,650	\$12,650	\$11,843	\$807
REPORT PREPARATION - NPDES	\$15,000	\$11,250	\$3,775	\$7,475
OFFICE LEASE	\$12,980	\$9,735	\$9,735	(\$0)
FREIGHT	\$200	\$150	\$0	\$150
PRINTING & BINDING	\$500	\$375	\$245	\$131
POSTAGE	\$500	\$375	\$143	\$232
TRAVEL PER DIEM	\$200	\$150	\$0	\$150
LEGAL ADVERTISING	\$1,200	\$900	\$1,149	(\$249)
BANK FEES	\$300	\$225	\$33	\$192
OTHER CURRENT CHARGES	\$400	\$300	\$26	\$274
OFFICE SUPPLIES	\$750	\$563	\$112	\$451
ELECTION FEES	\$3,100	\$3,728	\$3,728	\$0
MEETING RENTAL FEE	\$500	\$375	\$250	\$125
PROPERTY APPRAISER FEE	\$5,408	\$5,381	\$5,381	\$0
DUES, LICENSES & SUBSCRIPTIONS	\$2,150	\$2,150	\$1,675	\$475
TOTAL ADMINISTRATIVE	\$165,238	\$132,281	\$113,578	\$18,703

VALENCIA

WATER CONTROL DISTRICT

GENERAL FUND

Statement of Revenues & Expenditures

For The Period Ending June 30, 2021

FIELD OPERATIONS:

UTILITIES:

ELECTRIC	\$750	\$563	\$364	\$198
WATER & SEWER	\$500	\$375	\$241	\$134

CONTRACTS:

AQUATIC WEED CONTROL	\$40,000	\$30,000	\$21,025	\$8,975
MOWING	\$95,000	\$71,250	\$43,019	\$28,231
WATER QUALITY MONITORING	\$19,746	\$14,810	\$13,164	\$1,646

REPAIRS & MAINTENANCE:

CANAL & RETENTION POND MAINTENANCE	\$85,000	\$63,750	\$24,500	\$39,250
OFFICE	\$500	\$375	\$135	\$240
SECURITY GATES & SIGNS	\$750	\$563	\$450	\$113

OTHER:

NPDES INSPECTION & FEES	\$6,000	\$4,500	\$2,875	\$1,625
OPERATING SUPPLIES	\$500	\$375	\$0	\$375
CONTINGENCY	\$2,500	\$1,875	\$0	\$1,875

TOTAL FIELD OPERATIONS

\$251,246	\$188,435	\$105,773	\$82,662
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OTHER USES

TRANSFER OUT - CAPITAL RESERVE (CY)	\$462,478	\$462,478	\$462,478	\$0
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TOTAL OTHER USES

\$462,478	\$462,478	\$462,478	\$0
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TOTAL EXPENDITURES

\$878,962	\$783,194	\$681,829	\$101,365
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EXCESS REVENUES (EXPENDITURES)

(\$325,160)	(\$145,722)
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FUND BALANCE - Beginning

\$325,160	\$1,213,510
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FUND BALANCE - Ending

\$0	\$1,067,789
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VALENCIA

WATER CONTROL DISTRICT

CAPITAL RESERVE FUND

Statement of Revenues & Expenditures

For The Period Ending June 30, 2021

REVENUES:

	ADOPTED BUDGET	PRORATED BUDGET THRU 6/30/21	ACTUAL THRU 6/30/21	VARIANCE
TRANSFER IN (CURRENT YEAR)	\$462,478	\$462,478	\$462,478	\$0
INTEREST	\$1,000	\$750	\$323	(\$427)
TOTAL REVENUES	\$463,478	\$463,228	\$462,801	(\$427)

EXPENDITURES:

EXPENDITURES

CAPITAL IMPROVEMENTS	\$86,793	\$65,095	\$21,533	\$43,562
TOTAL EXPENDITURES	\$86,793	\$65,095	\$21,533	\$43,562
EXCESS REVENUES (EXPENDITURES)	\$376,685		\$441,268	
FUN D BALANCE - Beginning	\$158,822		\$185,727	
FUN D BALANCE - Ending	\$535,507		\$626,995	

VALENCIA Water Control District

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
REVENUES:													
ASSESSMENTS - TAX ROLL	\$0	\$22,483	\$204,742	\$97,001	\$50,268	\$60,788	\$39,417	\$33,824	\$27,493	\$0	\$0	\$0	\$536,014
INTEREST	\$17	\$13	\$12	\$5	\$19	\$8	\$8	\$7	\$4	\$0	\$0	\$0	\$93
TOTAL REVENUES	\$17	\$22,496	\$204,754	\$97,006	\$50,286	\$60,796	\$39,424	\$33,831	\$27,497	\$0	\$0	\$0	\$536,108
EXPENDITURES:													
ADMINISTRATIVE:													
SUPERVISORS FEES	\$200	\$250	\$0	\$0	\$250	\$0	\$250	\$200	\$700	\$0	\$0	\$0	\$1,350
ENGINEERING	\$2,730	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$4,604	\$2,100	\$0	\$0	\$0	\$0	\$19,934
ATTORNEY	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$0	\$0	\$0	\$9,000
ANNUAL AUDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,200	\$0	\$0	\$0	\$5,200
ASSESSMENT ROLL CERTIFICATION	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500
MANAGEMENT FEES	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$0	\$0	\$0	\$36,600
WEBSITE ADMINISTRATION	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$0	\$0	\$0	\$900
INSURANCE	\$11,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,843
REPORT PREPARATION - NPDES	\$0	\$2,330	\$425	\$460	\$0	\$270	\$90	\$0	\$0	\$0	\$0	\$0	\$3,775
OFFICE LEASE	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$0	\$0	\$0	\$9,735
FREIGHT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PRINTING & BINDING	\$0	\$27	\$108	\$0	\$0	\$50	\$0	\$41	\$19	\$0	\$0	\$0	\$245
POSTAGE	\$1	\$42	\$48	\$6	\$3	\$4	\$34	\$3	\$3	\$0	\$0	\$0	\$143
TRAVEL PER DIEM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LEGAL ADVERTISING	\$575	\$166	\$0	\$0	\$174	\$0	\$234	\$0	\$0	\$0	\$0	\$0	\$1,149
BANK FEES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$8	\$0	\$0	\$0	\$33
OTHER CURRENT CHARGES	\$0	\$7	\$7	\$0	\$0	\$6	\$6	\$0	\$0	\$0	\$0	\$0	\$26
OFFICE SUPPLIES	\$0	\$21	\$21	\$9	\$0	\$20	\$0	\$20	\$20	\$0	\$0	\$0	\$112
ELECTION FEES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,728	\$0	\$0	\$0	\$0	\$3,728
MEETING RENTAL FEE	\$0	\$50	\$0	\$0	\$50	\$0	\$50	\$50	\$50	\$0	\$0	\$0	\$250
PROPERTY APPRAISER FEE	\$0	\$0	\$5,381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,381
DUES, LICENSES & SUBSCRIPTIONS	\$1,675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,675
TOTAL ADMINISTRATIVE	\$25,772	\$11,442	\$14,338	\$8,823	\$8,825	\$8,699	\$11,516	\$12,415	\$11,748	\$0	\$0	\$0	\$113,578

VALENCIA Water Control District

FIELD OPERATIONS:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
<u>LIMITIES:</u>													
ELECTRIC	\$86	\$65	\$45	\$21	\$17	\$19	\$23	\$35	\$53	\$0	\$0	\$0	\$364
WATER & SEWER	\$26	\$27	\$27	\$27	\$27	\$27	\$0	\$27	\$54	\$0	\$0	\$0	\$241
<u>CONTRACTS:</u>													
AQUATIC WEED CONTROL	\$2,254	\$2,516	\$2,322	\$2,322	\$2,322	\$2,322	\$2,322	\$2,322	\$2,322	\$0	\$0	\$0	\$21,025
MOWING	\$12,830	\$3,796	\$0	\$0	\$0	\$0	\$12,830	\$13,562	\$0	\$0	\$0	\$0	\$43,019
WATER QUALITY MONITORING	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$0	\$0	\$0	\$0	\$13,164
<u>REPAIRS & MAINTENANCE:</u>													
CANAL & RETENTION POND MAINTENANCE	\$1,000	\$4,800	\$1,800	\$1,000	\$1,000	\$5,200	\$1,000	\$8,700	\$0	\$0	\$0	\$0	\$24,500
OFFICE	\$0	\$45	\$0	\$0	\$45	\$0	\$0	\$45	\$0	\$0	\$0	\$0	\$135
SECURITY GATES & SIGNS	\$0	\$0	\$0	\$0	\$0	\$0	\$450	\$0	\$0	\$0	\$0	\$0	\$450
<u>OTHER:</u>													
NPDES INSPECTION & FEES	\$0	\$0	\$1,875	\$0	\$0	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$2,875
OPERATING SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CONTINGENCY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL FIELD OPERATIONS	\$17,843	\$12,894	\$7,715	\$5,016	\$5,056	\$9,213	\$19,271	\$26,336	\$2,438	\$0	\$0	\$0	\$105,773
<u>OTHER USES:</u>													
TRANSFER OUT - CAPITAL RESERVE (CY)	\$0	\$0	\$0	\$0	\$462,478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$462,478
TOTAL OTHER USES	\$0	\$0	\$0	\$0	\$462,478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$462,478
TOTAL EXPENDITURES	\$43,615	\$24,337	\$22,053	\$13,839	\$476,360	\$17,912	\$30,787	\$38,751	\$14,176	\$0	\$0	\$0	\$681,829
EXCESS REVENUES (EXPENDITURES)	(\$43,598)	(\$1,841)	\$182,702	\$83,167	(\$426,074)	\$42,884	\$8,637	(\$4,920)	\$13,321	\$0	\$0	\$0	(\$145,722)

**VALENCIA
WATER CONTROL DISTRICT**

SPECIAL ASSESSMENT RECEIPTS - FY2021

TAX COLLECTOR

Gross Assessments	\$	578,576	\$	578,576
Net Assessments	\$	549,647	\$	549,647

Date Received	Dist.#	Gross Assessments Received	Discounts/ Penalties	Commissions Paid	Interest Income	Net Amount Received	General Fund 100.00%	Total 100%
11/5/20	1	\$ 2,359.92	\$ 118.95	\$ 22.41	\$ -	\$ 2,218.56	\$ 2,218.56	\$ 2,218.56
11/12/20	2	\$ 6,075.95	\$ 242.50	\$ 58.33	\$ -	\$ 5,775.12	\$ 5,775.12	\$ 5,775.12
11/19/20	3	\$ 15,244.47	\$ 609.00	\$ 146.35	\$ -	\$ 14,489.12	\$ 14,489.12	\$ 14,489.12
12/3/20	4	\$ 53,493.94	\$ 2,139.20	\$ 513.55	\$ -	\$ 50,841.19	\$ 50,841.19	\$ 50,841.19
12/10/20	5	\$ 119,856.76	\$ 4,793.88	\$ 1,150.63	\$ -	\$ 113,912.25	\$ 113,912.25	\$ 113,912.25
12/17/20	6	\$ 42,056.50	\$ 1,681.83	\$ 403.75	\$ 17.60	\$ 39,988.52	\$ 39,988.52	\$ 39,988.52
1/7/21	7	\$ 102,061.68	\$ 4,081.14	\$ 979.81	\$ -	\$ 97,000.73	\$ 97,000.73	\$ 97,000.73
2/1/21	8	\$ 52,887.37	\$ 2,112.03	\$ 507.75	\$ -	\$ 50,267.59	\$ 50,267.59	\$ 50,267.59
3/1/21	9	\$ 63,863.22	\$ 2,507.99	\$ 613.55	\$ 46.41	\$ 60,788.09	\$ 60,788.09	\$ 60,788.09
4/15/21	10	\$ 40,773.84	\$ 958.91	\$ 398.15	\$ -	\$ 39,416.78	\$ 39,416.78	\$ 39,416.78
5/13/21	11	\$ 34,524.85	\$ 359.53	\$ 341.65	\$ -	\$ 33,823.67	\$ 33,823.67	\$ 33,823.67
6/10/21	12	\$ 27,855.89	\$ 101.02	\$ 277.55	\$ 15.48	\$ 27,492.80	\$ 27,492.80	\$ 27,492.80
Totals		\$ 561,054.39	\$ 19,705.98	\$ 5,413.48	\$ 79.49	\$ 536,014.42	\$ 536,014.42	\$ 536,014.42

SECTION V

SECTION A



VALENCIA WATER CONTROL DISTRICT
219 E. LIVINGSTON STREET, ORLANDO, FL 32801
PHONE: 407-841-5524 x 101 - FAX: 407-839-1526

July 13, 2021

Advanced Fiber Group
Attn: Ms. Jennifer Sanders
Permit Coordinator
12344 Lawson Creek Drive
Jacksonville, FL 32218

Subject: Permit #0516

Dear Ms. Sanders:

Advanced Fiber Group is hereby granted a construction permit related to the Grand Lakes Boulevard Canal Crossing Project. Approval is granted in accordance with approved plans and hydraulic calculations and the following **GENERAL AND SPECIFIC CONDITIONS:**

GENERAL CONDITIONS:

1. That the District or their agents may at any time make such inspections as they may deem necessary to ensure that the construction or work is performed in accordance with the conditions of this permit.
2. That the permittee will maintain the work authorized herein during construction and thereafter in good condition in accordance with the approved plans.
3. That the permittee shall comply promptly with any lawful regulations, conditions, or instructions affecting the structure or work authorized herein if and when issued by the U.S. Environmental Protection Agency, the South Florida Water Management District and the Florida Department of Environmental Protection and/or any county or city environmental protection agency having jurisdiction to abate or prevent water pollution, including thermal or radiation pollution. Such regulations, conditions, or instructions in effect or hereafter prescribed by the federal, state, county and city agencies have hereby made a condition of this permit.
4. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the District's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will at all times, assume all risk and indemnify, defend and save harmless Valencia Water Control District from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by the permittee of the aforesaid rights and privileges.

5. The permittee and/or their agents will use every measure to prevent the run-off of turbid water into the District's facilities including, but not limited to, the use of temporary ponds, silt barriers, chemical additives and temporary grassing during construction.
6. If discharge of water by permittee should at any time raise the level of pollutants in the District's water management facility to the point where the District is in violation of a statute or regulation, permittee will either: (a) immediately cease such discharge, (b) remove pollutants from the water before discharging into District facilities, and pay all costs which the District must incur in order to reduce pollution in the District's facilities to acceptable levels.
7. That all the provisions of this permit shall be binding on any assignee or successor in interest of the permittee.
8. That any modification, suspension or revocation of this permit shall not be the basis for a claim for damages against Valencia Water Control District.
9. The Valencia Water Control District agrees that the issuance of this permit allows the passage of water through their canals but in so doing does not assume any responsibility for damage to any persons or property.
10. That the engineer of record certify that the facilities as constructed comply with the submitted hydraulic calculations and approved drawings.
11. That the permittee agrees not to modify or alter the constructed facilities at any future time without the express consent of the District.
12. This permit is valid for 3 years from date of approval or runs concurrently with the SFWMD permit, if required, whichever expires first.
13. That this permit must be executed within 30 days of Board approval or must be brought back to the Board for reconsideration.

END OF GENERAL CONDITIONS

SPECIFIC CONDITIONS

1. Provide 48-hour notice to District Engineer prior to starting of drilling activities.
2. Upon completion of bore and conduit installation, a signed and sealed As-built drawing will be required to be submitted to the District that shows final bore path and any junction boxes on VWCD property.

Attest:

Signature: _____

Advanced Fiber Group

Title: _____

Attest:

Granted by:

Valencia Water Control District

By: _____

Roy Miller, President

On this ____ day of _____, 2021



1117 East Robinson St.
Orlando, FL 32801
Phone: 407.425.0452
Fax: 407.648.1036

June 21, 2021

Ms. Jennifer Sanders
Permit Coordinator
Advanced Fiber Group
12344 Lawson Creek Drive
Jacksonville, Florida 32218

RE: Valencia Water Control District Grand Lakes Boulevard Canal Crossing
VWCD Permit No. 516

Dear Ms. Sanders;

We have reviewed the revised plans dated June 15, 2021 for the above referenced project. The information on the updated plans have addressed our previous comments. Your permit application will be presented to the Valencia Water Control District (VWCD) Board for approval on July 13, 2021. The permit will be issued with two (2) conditions of approval as follows:

1. Provide 48-hour notice to District Engineer prior to starting of drilling activities.
2. Upon completion of bore and conduit installation, a signed and sealed As-built drawing will be required to be submitted to the District that shows final bore path and any junction boxes on VWCD property.

Sincerely,
CPH, Inc.

A handwritten signature in black ink, appearing to read 'D. E. Mahler', is written over a light blue horizontal line.

David E. Mahler, P.E.
District Engineer

Permit No. # 516
(Assigned by V.W.C.D.)

PERMIT APPLICATION
Valencia Water Control District
c/o CPH, Inc.
1117 E. Robinson Street
Orlando, FL 32801
VWCD Office: (407) 841-5524 X 101 CPH, Inc. (407) 425-0452

- (1) PROPOSED USE: PROPOSED UG CATV FACILITIES
- (2) LOCATION OF WORK: Block: _____ Lot: _____ Subdivision: ORANGEWOOD VILLAGE
or Section: _____ Township: ORLANDO Range: _____
- (3) DISTRICT WORKS INVOLVED: CITY OF ORLANDO
- (4) OWNER OF PROPOSED WORK OR STRUCTURE: Phone #: 828-577-1361
Name: GENE PALMER Title: AUTHORIZED COMCAST AGENT/CONST SUPERVISOR
Address: _____
(Street) (City) (State) (Zip)
- (5) APPLICATION OTHER THAN OWNER: (if any) Phone #: 405-314-8079
Name: JENNIFER SANDERS Serving as: PERMIT COORDINATOR
Address: 12344 LAWSON CREEK DR JACKSONVILLE 32218
(Street) (City) (State) (Zip)
- (6) AREA PROPOSED TO BE SERVED: Give legal description and size in acres. Attach legal description if necessary. If land is platted, indicate Block, Lot and Subdivision. _____
GRAND LAKES BLVD - 28.412098, -81.418177 - C12 CANAL
- (7) CONSTRUCTION SCHEDULE: The proposed work, if permitted, will begin within 30
Calendar days of permit approval and be completed within 60 calendar days thereafter.
- (8) This application, including sketches, drawings or plans and specifications attached contains a full and complete description of work proposed or use desired of the above described facilities of the District and for which permit is herewith applied. It shall be a part of any permit that may be issued. It is agreed that all work or the use of the District's facilities will be in accordance with the permit to be granted.

Submitted this 5 day of APRIL, 2021

Signature of Property Owner (Officer of Corporation): Jennifer Sanders

Print Name of Property Owner (Officer): JENNIFER SANDERS - AUTHORIZED COMCAST AGENT

SECTION B



VALENCIA WATER CONTROL DISTRICT
219 E. LIVINGSTON STREET, ORLANDO, FL 32801
PHONE: 407-841-5524 x 101 - FAX: 407-839-1526

July 13, 2021

Advanced Fiber Group
Attn: Ms. Jennifer Sanders
Permit Coordinator
12344 Lawson Creek Drive
Jacksonville, Fl 32218

Subject: Permit #0517

Dear Ms. Sanders:

Advanced Fiber Group is hereby granted a construction permit related to the W. Taft Vineland Canal Crossing Project. Approval is granted in accordance with approved plans and hydraulic calculations and the following **GENERAL AND SPECIFIC CONDITIONS:**

GENERAL CONDITIONS:

1. That the District or their agents may at any time make such inspections as they may deem necessary to ensure that the construction or work is performed in accordance with the conditions of this permit.
2. That the permittee will maintain the work authorized herein during construction and thereafter in good condition in accordance with the approved plans.
3. That the permittee shall comply promptly with any lawful regulations, conditions, or instructions affecting the structure or work authorized herein if and when issued by the U.S. Environmental Protection Agency, the South Florida Water Management District and the Florida Department of Environmental Protection and/or any county or city environmental protection agency having jurisdiction to abate or prevent water pollution, including thermal or radiation pollution. Such regulations, conditions, or instructions in effect or hereafter prescribed by the federal, state, county and city agencies have hereby made a condition of this permit.
4. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the District's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will at all times, assume all risk and indemnify, defend and save harmless Valencia Water Control District from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by the permittee of the aforesaid rights and privileges.

5. The permittee and/or their agents will use every measure to prevent the run-off of turbid water into the District's facilities including, but not limited to, the use of temporary ponds, silt barriers, chemical additives and temporary grassing during construction.
6. If discharge of water by permittee should at any time raise the level of pollutants in the District's water management facility to the point where the District is in violation of a statute or regulation, permittee will either: (a) immediately cease such discharge, (b) remove pollutants from the water before discharging into District facilities, and pay all costs which the District must incur in order to reduce pollution in the District's facilities to acceptable levels.
7. That all the provisions of this permit shall be binding on any assignee or successor in interest of the permittee.
8. That any modification, suspension or revocation of this permit shall not be the basis for a claim for damages against Valencia Water Control District.
9. The Valencia Water Control District agrees that the issuance of this permit allows the passage of water through their canals but in so doing does not assume any responsibility for damage to any persons or property.
10. That the engineer of record certify that the facilities as constructed comply with the submitted hydraulic calculations and approved drawings.
11. That the permittee agrees not to modify or alter the constructed facilities at any future time without the express consent of the District.
12. This permit is valid for 3 years from date of approval or runs concurrently with the SFWMD permit, if required, whichever expires first.
13. That this permit must be executed within 30 days of Board approval or must be brought back to the Board for reconsideration.

END OF GENERAL CONDITIONS

SPECIFIC CONDITIONS

1. Provide 48-hour notice to District Engineer prior to starting of drilling activities.
2. Upon completion of bore and conduit installation, a signed and sealed As-built drawing will be required to be submitted to the District that shows final bore path and any junction boxes on VWCD property.

Attest:

Signature: _____

Advanced Fiber Group

Title: _____

Attest:

Granted by:

Valencia Water Control District

By: _____

Roy Miller, President

On this ____ day of _____, 2021



1117 East Robinson St.
Orlando, FL 32801
Phone: 407.425.0452
Fax: 407.648.1036

June 21, 2021

Ms. Jennifer Sanders
Permit Coordinator
Advanced Fiber Group
12344 Lawson Creek Drive
Jacksonville, Florida 32218

RE: Valencia Water Control District W. Taft Vineland Canal Crossing
VWCD Permit No. 517

Dear Ms. Sanders;

We have reviewed the revised plans dated June 15, 2021 for the above referenced project. The Information on the updated plans have addressed our previous comments. Your permit application will be presented to the Valencia Water Control District (VWCD) Board for approval on July 13, 2021. The permit will be issued with two (2) conditions of approval as follows:

1. Provide 48-hour notice to District Engineer prior to starting of drilling activities.
2. Upon completion of bore and conduit installation, a signed and sealed As-built drawing will be required to be submitted to the District that shows final bore path and any junction boxes on VWCD property.

Sincerely,
CPH, Inc.

A handwritten signature in black ink, appearing to read 'D. E. Mahler', is written over the typed name.

David E. Mahler, P.E.
District Engineer

Permit No. 1517
(Assigned by V.W.C.D.)

PERMIT APPLICATION
Valencia Water Control District
c/o CPH, Inc.
1117 E. Robinson Street
Orlando, FL 32801
VWCD Office: (407) 841-5524 X 101 CPH, Inc. (407) 425-0452

- (1) PROPOSED USE: PROPOSED UG CATV FACILITIES
- (2) LOCATION OF WORK: Block: _____ Lot: _____ Subdivision: ORANGEWOOD VILLAGE
or Section: _____ Township: ORLANDO Range: _____
- (3) DISTRICT WORKS INVOLVED: CITY OF ORLANDO
- (4) OWNER OF PROPOSED WORK OR STRUCTURE: Phone #: 828-577-1361
Name: GENE PALMER Title: AUTHORIZED COMCAST AGENT/CONST SUPERVISOR
Address: _____
(Street) (City) (State) (Zip)
- (5) APPLICATION OTHER THAN OWNER: (if any) Phone #: 405-314-9079
Name: JENNIFER SANDERS Serving as: PERMIT COORDINATOR
Address: 12344 LAWSON CREEK DR JACKSONVILLE 32218
(Street) (City) (State) (Zip)
- (6) AREA PROPOSED TO BE SERVED: Give legal description and size in acres. Attach legal description if necessary. If land is platted, indicate Block, Lot and Subdivision. _____
W TAFT VINELAND RD - 28.417721, -81.411990 - C11 CANAL
- (7) CONSTRUCTION SCHEDULE: The proposed work, if permitted, will begin within 30
Calendar days of permit approval and be completed within 60 calendar days thereafter.
- (8) This application, including sketches, drawings or plans and specifications attached contains a full and complete description of work proposed or use desired of the above described facilities of the District and for which permit is herewith applied. It shall be a part of any permit that may be issued. It is agreed that all work or the use of the District's facilities will be in accordance with the permit to be granted.

Submitted this 5 day of APRIL, 2021

Signature of Property Owner (Officer of Corporation): Jennifer Sanders

Print Name of Property Owner (Officer): JENNIFER SANDERS - AUTHORIZED COMCAST AGENT

SECTION C



CPH Inc.
1117 East Robinson Street
Orlando, Florida 32801
Phone: 407-425-0452
www.cphengineers.com

Memo

Date: June 14, 2021
To: Board of Supervisors
Organization: Valencia Water Control District
10365 Orangewood Boulevard
Orlando, Florida 32821
From: Mahler, David E. (P.E.)
Re: ANNUAL REPORT OF THE DISTRICT ENGINEER
CPH Job No.: 6816.07

MEMBERS OF THE BOARD:

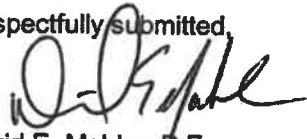
This is to serve as the Chief Engineer's Annual Report to the Board of Supervisors as required under Chapter 298, Florida Statutes. As such, this report serves as a brief summary of the activities of the Engineer from June 2020, to date. This report is for submission to the Board of Supervisors at the July 2021 meeting.

The following is a list and brief summary of the items on which the District Engineer worked on or was involved with:

- 1) Reviewed and tabulated monthly water quality data. The general level of water quality is satisfactory. A copy of the sampling analysis results for the fiscal year 2020/21 is attached. All three locations had one month (September 2020) that had a higher Fecal coliform levels, all of the other sampling events for all three locations were normal.
- 2) Made periodic field inspections as requested by the District Director while in the area for various meetings regarding permits and ongoing construction activities.
- 3) Provided general coordination, liaison, and technical advice to landowners, developers and their engineering representatives on design criteria, regulations, and other matters pertinent to the District's business.
- 4) Oversaw repairs to District facilities by contractors, such as washout repairs, cleaning and general maintenance.
- 5) The Engineer prepared for and attended all regular board meetings of the District. In addition, the Engineer attended a number of special meetings regarding developer's projects within the District.

- 6) Mr. George Flint, Mr. Dan Brown and myself conducted the annual inspection of the District's facilities on June 4, 2021 to determine their operational condition. The projects we inspected this year were primarily the original VWCD ponds, structures and canals. A summary of our annual inspection is listed in Attachment II.
- 7) Attended NPDES meetings held by Orange County Environmental Protection Department.
- 8) Permit applications and plans (shown on Attachment I) submitted by developers and others were reviewed by the District Engineer and checked for compliance with Valencia Water Control District requirements. In some cases, changes were recommended and upon resolution of the issues, the projects were recommended for approval to the District.

Respectfully submitted,



David E. Mahler, P.E.
District Engineer

Attachments:



1117 East Robinson Street
Orlando, Florida 32801
Phone: 407.425.0452
Fax: 407.648.1036

www.cphengineers.com

Memo

Date: June 14, 2021
To: Board of Directors
Organization: Valencia Water Control District
From: David E. Mahler, P.E., District Engineer
Re: Annual Inspection by District Engineer – June 4, 2021
CPH Job No.: 6816.07

The annual inspection was performed on Friday June 4, 2021. Present for this inspection were George Flint, Dan Brown and myself. The annual inspection for 2021 is comprised of the inspection date noted above conducted throughout the District. On June 4th we drove to the various locations within the District as part of the Annual Inspection to review the current condition of the canals and the structures, and to discuss issues related to the condition and maintenance of the system. The weather was clear. For the 2021 inspections, a total of 38,334 lineal feet of canals were inspected. In addition to the canals, we also inspected 16 ponds that are owned and maintained by the District. The following sites were visited, and the conditions of the facilities are described below.

C-1 Canal

The C-1 canal is in generally good condition. The vegetation along the property lines on the C-1 was recently cleared and made travel along the canal much easier. The overall water level was down at the time of the inspection due to construction activities occurring on the Grand Pines property. This new development has made two connections to the C-1 with one more connection remaining to be installed. One of the two connections was not installed correctly and had to be reworked by the contractor. It is now installed properly. The weir that has been noted in previous reports where the C-1 and C-3 intersect still needs to be repaired. Orange County has sent letters through Code Enforcement to the property owner notifying them that the structure needs to be repaired.

The overall banks of the canal are in fair shape; however, there is a large amount of hydrilla growing in this canal as well as many others even though they are being sprayed. The hydrilla is a very invasive plant and the growing conditions for this plant have been favorable recently, thus the prolific growth. It may be necessary to either mechanically remove the weeds from this and the other canals or increase the amount of spraying to get the weed under control. The problem that this weed creates is that it restricts the flow of water through the canals and then when it gets sheared off from the higher flows in a very intense rain event it goes down stream and plugs the outfall structures causing further backups in the canal systems.

The S-101 and S-102 are in generally good condition. The main headwalls have minor leaking at several of the joints.

C-3 Canal

The canal is generally in good condition, with the exception of the southwest end across from the outfall weir. This weed growth in this area is still covering a majority of the area of the canal. It is being sprayed and the outer perimeter is cleared. Spraying needs to continue so that all weed growth is removed. The overflow structure is doing fine. There is one area about 20-30 feet long that will need some additional material placed to maintain a level weir across the entire length.

C-4 Canal

The canal itself is in good condition. The repair/replacement of the control structures at the west end of the canal and the water level control structure were completed and both are functioning well. Sea World will need to clean the vegetation from their pond. The intersection of the C-4 and C-5 at International Drive will still need to have the sedimentation removed from the canal and the bank reshaped.

C-5 Canal and S501

The C-5 Canal appeared to be in good general condition.

We did not look at the section of the C-5 being maintained by Sea World. The County finally repaired the problem at the mitered end section from the International Drive collection system at Sea Harbor Drive.

The S501 structure looked in good condition. Since the aml gate was repaired with the new metal section, the balance appears to be off, but it is still functioning. We will continue to monitor the operation of the gate.

C-6 Canal and S-601

The C-6 Canal is in generally good condition. There is minor erosion occurring east of the S-601 structure on the south bank. This area will need to be repaired once the homeowner installs roof gutters or if it gets worse and causes issues for the adjoining property owner.

There was a large amount of water hyacinths and grass growing in the canal east of the S-601. We will need to look into this with the Water Management District to make sure that this growth does not impede water flow to Shingle Creek.

Structure S-601 is in good condition.

S-901 Structure

This canal towards Area 1 pond is in good condition. The repairs done at the outfall ditch bank paving on the east side of the S-901 were completed and are doing fine

Structure S-901 is in good condition. The cable across the entrance to VWCD property has been damaged and repaired. The erosion repairs that were done earlier in the year on the downstream side of the structure are holding up fine.

The overflow weir from the C-10 to the Area 1 pond, west of Gifford Blvd, is being undermined and will need to have repairs made by filling the void under the structure with grout or foam filler.

An estimation on the amount of materials that will be required for the repair will be performed and then we will get quotes on the repair.

C-10 Canal

This overall canal is in fair to good condition. There is an area on the south bank of the canal just east of Orangewood that has erosion occurring down the bank and behind the headwall from the commercial center pond that will need to get repaired. The areas to the east on the south bank are still eroded in areas due to the sandy nature of the soils that will need to be addressed in the future.

The canal bank opposite of the Tract F outfall is showing signs of erosion. This appears to be the result of the water spilling over the weir and wearing against the soils on the bank. We will need to install bank erosion protection measures in this area to prevent continued erosion from occurring.

The area behind the District office still shows signs of erosion; however, it has not gotten worse. Therefore, this is another area that we recommend restoring at the same time as the cleaning of the canal and bank reshaping occurs.

There is a hole at a county outfall pipe that enters the C-10 adjacent to the southwest corner of the bridge at Galliard Blvd. This is a pipe from the County's collection and conveyance system so we will send them a notification that this needs to be repaired. We also noticed that it sounded like there may be a void under one of the sidewalk sections on the east side of the bridge at Galliard Blvd. We will also let the County know of this situation.

C-11 Canal

The Canal is generally in good condition. There is minimal flow coming from the north into the C-11 at Orange Blossom Trail and the trash that comes from that area stays there and needs to be continuously cleaned up. The mitered end section from the FDOT pond approximately 1,240 lineal feet west of OBT is in need of repair. Notification will be sent to FDOT notifying them of this. FDOT also has a pond just north of the S-1102. They cleaned this pond last year of the excessive vegetation that was in the pond. The fence between the pond and our canal is falling down, so we will notify them of this situation as well.

The bank erosion occurring just north of Taft Vineland Road needs to be monitored and repaired in the future.

There is a significant amount of sediment buildup in the canal just west of where the Canal from Orlando Central Park comes into the C-11. This sedimentation will need to be removed from the canal.

The area along the west bank of the canal still has erosion issues coming off John Young Parkway. As has been noted in the past, neither FDOT nor Orange County want to take responsibility for this area. They both claim that it is the others' responsibility. We will need to rework our banks along the west side of the canal so that they are not the "low" spot for the drainage to continue washing over the banks. The water is supposed to travel to the drainage structures along the roadway and enter our canal through those systems.

The S-1101 & S-1102 structures are in good condition. There is some bank erosion occurring on the southwest side of the canal at the S-1101 structure that will need to be repaired. Also,

due to normal wear on the structures, the concrete is showing signs of degradation of the cement surfaces below the typical water line. These structures should be coated with a protective coating, similar to the coatings used on other Amil gate structures.

C-12 Canal

The Canal is generally in good condition. There is a washout occurring under the fabriform adjacent to John Young Parkway where the County has a force main crossing the C-12. The County has been notified of this. They had indicated that they will make the repair at the same time that they replace the aerial crossing of the canal. This line segment developed a leak and a temporary sleeve was put on the pipe to repair the leak. There is also another washout occurring on the south bank of the C-12 where a cable crossing had been made in the past. This washout is getting worse and needs to be repaired to prevent additional damage to the bank of the canal or the adjoining property.

Deer Creek Ponds 1A, 1B, 2 and 3

These four ponds are in good general condition.

Deer Creek Pond 4

Deercreek pond 4 is generally in good condition. The concrete damage at the outfall structure that has been noted previously as not really getting worse, but it is recommended to coat the concrete and exposed rebar to help protect the materials.

Deer Creek Pond 6

Deercreek pond 6 looks good.

Parkview Terrace

The pond is in good general condition other than the previously noted erosion that is occurring at the water line. The pond report is being prepared that will address this on this as well as the other VWCD maintained ponds.

Parkview North Ponds

The ponds are in good general condition. The County made repairs to one of the incoming pipes to the pond and those repairs are holding up fine.

Parkview Pointe Pond

The pond is in good general condition. This pond also shows signs of bank erosion along the water's edge that is being addressed by the pond report.

Somerset Ponds 1 & 2

In general, the ponds are in good condition.

Lake Ridge Village Area 1 Pond

The pond and structures are in good general condition.

Waterview Area 2 Pond

The pond and structures are in generally good condition.

There is sedimentation buildup at the pipe outfalls from the neighborhoods into the pond that will need to be removed in the future.

The large canal entering the pond at the northwest corner was recently repaired and looks good.

The pond outfall has the new fish barrier installed. However, the contractor left some of the old fish barrier fencing on the overflow weir, so they will be notified that they need to get that material removed and properly disposed of. Subsequent to the inspection, the materials have been removed.

The area on the outfall side of the weir and outfall control structure should have the vegetation cleared and the erosion area repaired so that the structures are not undermined.

The area between Central Florida Parkway and the Area 2 pond where the connection pipes go under the roadway to the Area 1 pond is not graded properly in the County R/W and is causing erosion of our pond bank. We will need to repair the erosion on the district property and also notify the County that they will need to grade the R/W properly so that the drainage goes to the storm system properly.

Briarwood Townhomes Pond

The pond is in good condition. As noted in previous reports, the headwalls around the pipes entering the pond are showing signs of erosion and should be filled and graded so as to not cause problems for the integrity of the structures. This type of erosion is generally occurring throughout areas of the District and we typically have the areas restored once the erosion begins to be an issue. This is being addressed with the separate report on all of the ponds. The vegetation surrounding the outfall pipe to the wetlands should be removed to prevent any blockage of flow from the pond.

Windsor Walk Ponds

The ponds are in good condition.

Should there be any questions regarding the inspection or if more information is needed on any of the items noted, please let us know and we will provide this information.

Attachment I

Permit Review and Processing <i>(Not including individual irrigation permits processed by District office.)</i>		
PERMIT NUMBER	DESCRIPTION	APPROVED DATE
Category I - Permits Issued Since May 2020		
512	Shingle Creek Regional Trail	11/18/20
513	Big Sand Lake Drawdown	12/2/20
514	Grande Pines Ph 4 – Orangewood N-2PD Parcel 11D	2/9/21
515	Williamsburg Downs Ph II – Orangewood PD	4/13/21
Category II Permits on Hold		
516	Grand Lakes Boulevard Canal Crossing	
517	W. Taft Vineland Road Canal Crossing	
Category III Permits With Work Not Acceptable to the District		
	None at Present	
Category IV Permits in Process		
	None at Present	
Category V Projects Reviewed - No Permit Required		
	None at Present	

C-3 Canal WQ Results

Parameter	Units	MOL	17-Jan-20	6-Aug-20	28-Sep-20	23-Oct-20	18-Nov-20	29-Dec-20	25-Jan-21	23-Feb-21	24-Mar-21	14-Apr-21	27-May-21	8-Jun-21
Organic Nitrogen			1.550	0.741	0.287	0.514	0.701	0.505	0.709	0.900	0.236	0.302	0.380	0.447
Total Nitrogen (as N)			0.549	1.78	1.30	0.61	0.68	1.06	0.73	1.66	0.63	0.24	0.35	0.45
NO3+NO2 (as N)	mg/L	0.0100	0.34	0.12	0.56	0.20	0.15	0.23	0.32	0.63	0.20	0.20	0.20	0.20
Nitrate (N)	mg/L	0.0100	0.34	0.12	0.56	0.20	0.15	0.23	0.32	0.63	0.20	0.20	0.20	0.20
Nitrite (as N)	mg/L	0.0200	0.20	0.20	0.20	0.15	0.33	0.20	0.32	0.33	0.20	0.20	0.20	0.20
Color	CU	500	100.00	80	80	80	80	80	80	80	80	80	80	80
Fecal Coliform	mpn/100mL	1.00	16.1	40.8	42.8	770.0	35.0	27.2	4.1	6.3	4.1	17.5	5.2	20.9
Total Solids	%d	0.00250	0.0212	0.0205	0.0356	0.0153	0.0450	0.0173	0.0461	0.0272	0.0222	0.0222	0.0222	0.0222
TSS	mg/L	1.00	3.60	1.60	3.13	2.75	1.63	1.63	3.25	1.14	1.86	1.30	1.29	1.29
Field pH (units)	pH	0.0100	6.17	6.27	6.51	6.64	6.41	6.50	6.69	7.02	7.24	7.45	7.48	7.35
Field Conductivity	umho/cm	0.100	319	265	466	237	371	268	420	426	346	509	475	505
Field Temp. (C)	°C	0.100	27.4	26.5	26.7	26.4	26.3	26.5	15.5	22.5	22.8	25.7	25.4	30.6
Field DO	mg/L	0.100	3.91	3.45	3.06	4.53	5.88	4.99	5.61	8.46	9.11	7.48	6.20	6.75
Field Turbidity	NTU	0.100	2.58	1.92	2.32	2.31	2.55	5.89	2.95	2.46	1.81	1.05	2.64	2.35
Chlorophyll a	mg/L	0.0100	0.1010	0.0453	0.0753	0.0567	0.0872	0.0830	0.0638	0.0359	0.0343	0.1270	0.0119	0.0228
Ammonia	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Arsenic	mg/L	0.00100	0.0012	0.0014	0.0014	0.0018	0.0010	0.0013	0.0014	0.0012	0.0012	0.0013	0.0013	0.0010
Barium	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Beryllium	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Boron	mg/L	0.0100	0.0187	0.0100	0.0281	0.0198	0.0451	0.0289	0.0281	0.0291	0.0291	0.0291	0.0291	0.0291
Cadmium	mg/L	0.000200	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Chromium	mg/L	0.00100	0.0012	0.0010	0.0010	0.0012	0.0012	0.0018	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Cobalt	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Copper	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Lead	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Magnesium	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Nickel	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Selenium	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Silver	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Thallium	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Tin	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Vanadium	mg/L	0.00100	0.0019	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
Zinc	mg/L	0.0100	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Total Alkalinity CaCO3	mg/L	1.00	30.4	50.7	64.4	43.5	66.5	52.0	65.8	87.2	74.0	98.7	90.7	84.5
Calcium	mg/L	0.100	28.9	25.2	32.3	26.9	35.1	28.0	41.5	58.3	36.2	37.5	44.4	37.0
Iron	mg/L	0.0100	0.725	0.631	0.584	0.247	0.552	0.629	0.378	0.326	0.443	0.162	0.135	1.350
Magnesium	mg/L	0.0100	4.10	3.85	5.41	2.98	5.24	3.97	6.72	6.30	8.46	6.67	8.21	7.50
Manganese	mg/L	0.0100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Potassium	mg/L	0.500	2.77	2.80	3.41	2.98	3.78	3.32	4.08	3.79	3.02	3.6	4.98	4.38
Sodium	mg/L	0.500	26.8	22.7	14.1	20.4	35.6	24.0	44.1	41.7	48.3	44.3	57.0	53.2
Total Hardness (as CaCO3)	mg/L	0.100	80.1	70.1	82.7	56.0	96.2	77.7	110.0	105.0	109.0	132.0	135.0	111.0
TDS	mg/L	2.50	224	248	376	194	248	196	280	268	300	318	360	348
Orthophosphate (as P)	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
PO4-Soluble	mg/L	2.00	2.90	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.370
Ammonia (as N)	mg/L	0.0100	0.0070	0.0060	0.0100	0.0100	0.0100	0.0060	0.0060	0.0060	0.0100	0.0100	0.0100	0.0100
Total (as N)	mg/L	0.200	1.150	1.630	0.741	0.696	0.514	0.701	0.505	0.745	0.206	0.302	0.350	0.477
Chloride	mg/L	15.0	57.7	48.2	84.8	69	40.8	78.6	88.9	102	80.8	102	102	102
Total Phosphorus (as P)	mg/L	0.00200	0.0094	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Total Phosphorus (as P) Dissolved	mg/L	0.00200	0.0416	0.0020	0.0413	0.0234	0.0439	0.0286	0.0361	0.0273	0.0192	0.0242	0.0115	0.0380
Sulfate	mg/L	5.00	11.60	9.83	15.90	7.79	13.80	19.50	15.10	18.50	20.60	16.20	19.60	17.60

*Highlighted Measurements Indicate Different Units (Total Solids - mg/L)

UNDER DETECTABLE LIMIT
* PARAMETER MONITORED BY NPDES

N Shingle Creek WQ Results

Parameter	Units	MCL	17-Jun-20	17-Jul-20	6-Aug-20	28-Sep-20	23-Oct-20	19-Nov-20	29-Dec-20	25-Jan-21	23-Feb-21	24-Mar-21	14-Apr-21	27-May-21	9-Jun-21
Organic Nitrogen			0.390	0.480	1.740	0.332	0.848	0.590	0.532	0.558	0.333	0.500	0.379	0.288	0.618
Total Nitrogen (as N)			0.445	0.650	2.010	1.070	0.870	0.688	0.677	0.815	0.333	0.500	0.655	0.288	0.618
NO3+NO2 (as N)	mg/L	0.0000	0.3560	0.6528	0.2750	0.3370	0.1220	0.1680	0.1680	0.2000	0.2000	0.2000	0.2760	0.2000	0.2000
Nitrate (as N)	mg/L	0.0100	0.356	0.6528	0.275	0.337	0.122	0.168	0.123	0.203	0.200	0.200	0.276	0.200	0.200
Nitrite (as N)	mg/L	0.0200	0.2	0.02	0.2	0.02	0.02	0.02	0.0216	0.2	0.200	0.200	0.200	0.200	0.200
Color	CU	5.00	80	80	80	80	80	50	15	30	40	50	50	40	50
Facal Coliform	mpn/100mL	1.00	98.6	118	416	522	187	151	185	108	133	138	258	24.1	74.3
Total Solids	Wet	0.0002-0.0	0.0145	0.0154	0.0154	0.0123	0.0228	0.0191	0.0218	0.0409	0.038	0.038	0.038	0.038	0.038
TSS	mg/L	1.00	7.6	1.2	1.75	1.75	9.25	2.14	3.75	1.14	2.57	1.90	2.2	2.57	4.5
Field pH (Units)			5.63	5.65	5.67	5.68	5.97	6.04	5.94	7.19	7.27	7.43	7.55	7.28	7.55
Field Conductivity	umhos/cm	0.100	243	175	203	197	219	259	325	261	183	323	257	367	304
Field Temp. (C)			25.6	26.8	26.8	25.7	24.8	16.9	14.8	20.2	20.7	20.5	23.4	24.7	27.4
Field DO	mg/L	0.100	4.21	3.97	4.2	3.82	7.01	6.88	5.67	7.46	7.23	7.21	5.42	6.34	6.28
Field Turbidity	NTU	1.00	2.62	1.6	2.62	6.49	2.8	6.39	2.54	2.26	2.14	3.05	1.97	1.75	2.35
Chlorophyll a	ug/L	1.00	1.57	1.13	1.2	1.84	0.82	1.33	1.16	1.6	4.79	1.27	4.23	8.29	6.34
Aluminum	mg/L	0.5100	0.0021	0.0343	0.01	0.136	0.0888	0.228	0.0889	0.0336	0.0348	0.0819	0.1538	0.0258	0.0358
Arsenic	mg/L	0.02000	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Barium	mg/L	0.00100	0.0014	0.0013	0.0012	0.0018	0.0010	0.0010	0.0010	0.0011	0.0010	0.0012	0.0013	0.0011	0.0012
Beryllium	mg/L	0.000000	0.0147	0.0113	0.0111	0.0112	0.0136	0.0147	0.0138	0.0160	0.0207	0.0124	0.0151	0.0128	0.0212
Boron	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Bromine	mg/L	0.0100	0.0338	0.0100	0.0100	0.0244	0.0402	0.0297	0.0188	0.0183	0.0647	0.0428	0.0160	0.0527	0.0472
Cadmium	mg/L	0.000200	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Chromium	mg/L	0.00100	0.0010	0.0014	0.0014	0.0014	0.0014	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Cobalt	mg/L	0.00100	0.0010	0.0013	0.0013	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Copper	mg/L	0.00100	0.0013	0.0013	0.0012	0.0016	0.0012	0.0016	0.0010	0.0020	0.0013	0.0020	0.0027	0.0040	0.0010
Lead	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Molybdenum	mg/L	0.00100	0.0010	0.0013	0.0010	0.0013	0.0013	0.0020	0.0018	0.0017	0.0017	0.0021	0.0027	0.0019	0.0014
Nickel	mg/L	0.00100	0.0010	0.0011	0.0010	0.0010	0.0012	0.0019	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Selenium	mg/L	0.00000	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Silver	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Thallium	mg/L	0.00100	0.0005	0.0050	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Thi	mg/L	0.00000	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Vanadium	mg/L	0.00100	0.0010	0.0022	0.0021	0.0030	0.0020	0.0024	0.0018	0.0024	0.0021	0.0021	0.0026	0.0113	0.0016
Zinc	mg/L	0.0100	0.0251	0.0026	0.0020	0.0174	0.0028	0.0047	0.0029	0.0049	0.0051	0.0052	0.0056	0.0032	0.0032
Total Alkalinity CaCO3	mg/L	1.00	51.1	53.7	55.2	53.4	66.3	70.6	103	94.5	72.3	96.3	95.7	97.7	78.1
Calcium	mg/L	0.100	27.3	21.5	23.9	21.5	26.7	36.5	42.9	37	29.6	33.1	33.1	43.9	38.7
Iron	mg/L	0.0100	0.625	0.312	0.248	0.29	0.425	0.674	0.277	0.261	0.301	0.483	0.503	1.06	0.429
Magnesium	mg/L	0.0100	2.46	2.22	2.22	2.23	2.78	3.25	4.14	4.55	3.58	4.31	3.81	5.62	4.75
Manganese	mg/L	0.0100	0.0228	0.0100	0.0100	0.0100	0.0162	0.0228	0.0117	0.0159	0.0100	0.0100	0.0221	0.0208	0.0316
Potassium	mg/L	0.5000	2.17	1.76	1.80	2.36	2.37	2.71	2.63	2.82	2.34	2.41	2.91	3.20	3.19
Sodium	mg/L	0.5000	12.3	5.6	8.43	16.1	11.4	11.4	15.5	16.9	13.3	17.9	16.8	31.3	25.9
Total Hardness (as CaCO3)	mg/L	0.100	72.4	56.5	61.9	56.5	70.3	94.2	112.0	100.0	89.0	98.4	118.0	100.0	100.0
TDS	mg/L	2.50	148	184	184	148	134	150	209	170	160	188	204	234	240
Orthophosphate (P)	mg/L	0.00200	0.0000	0.0070	0.0050	0.0000	0.0411	0.0398	0.0250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ammonia	mg/L	2.00	2.13	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Ammonia (as N)	mg/L	0.0100	0.01	0.0228	0.01	0.023	0.01	0.01	0.01	0.0213	0.01	0.01	0.01	0.01	0.01
TKN (as N)	mg/L	0.0200	0.39	0.503	1.74	0.735	0.846	0.5	0.532	0.603	0.335	0.2	0.379	0.288	0.618
Chloride	mg/L	16.0	20.70	14.40	15.20	15.90	18.60	36.80	24.40	28.10	20.30	34.80	36.70	51.40	40.50
Total Phosphate (P)	mg/L	0.00200	0.0052	0.1750	0.0708	0.0777	0.0948	0.0349	0.0167	0.0512	0.0243	0.0243	0.0382	0.0509	0.0509
Total Phosphate (P) Dissolved	mg/L	0.00200	0.0029	0.0070	0.0777	0.0777	0.0777	0.0761	0.0329	0.0112	0.0493	0.0243	0.0382	0.0509	0.0509
Sulfate	mg/L	5.00	8.11	5.20	7.35	8.63	7.96	16.40	9.11	11.90	9.25	10.80	20.90	14.60	14.60

*Highlighted Measurements Indicate Different Units (Total Solids - mg/L)

UNDER DETECTABLE LIMIT
* PARAMETER MONITORED BY NPDES

S Shingle Creek WQ Results

Parameter	Units	MDL	17-Jun-20	17-Jul-20	6-Aug-20	25-Sep-20	23-Oct-20	18-Nov-20	29-Dec-20	25-Jan-21	23-Feb-21	24-Mar-21	14-Apr-21	27-May-21	9-Jun-21
Organic Nitrogen			0.465	0.688	0.785	0.543	0.555	0.610	0.427	0.569	0.690	0.403	0.478	0.275	0.715
Total Nitrogen (as N)			0.624	0.708	1.050	0.806	0.704	0.778	0.507	0.789	0.942	0.403	0.478	0.276	0.715
NO3+NO2 (as N)	mg/L		0.0200	0.020	0.263	0.200	0.149	0.198	0.080	0.220	0.342	0.200	0.200	0.200	0.200
Nitrite (as N)	mg/L	0.0100	0.0200	0.020	0.263	0.200	0.149	0.198	0.080	0.220	0.342	0.200	0.200	0.200	0.200
Nitrate (as N)	mg/L	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Color	CU	5.00	80.00	80.00	80.00	80.00	80.00	80.00	15.00	30.00	50.00	30.00	50.00	30.00	80.00
Fecal Coliform	mpn/100mL	1.00	22.5	27.1	95.9	648.0	53.8	73.3	10.0	93.2	35.9	47.1	87.3	34.5	30.9
Total Solids	mg/L	0.00225	0.02500	0.01650	0.0173	0.0116	0.0237	0.0114	0.0166	0.0435	0.0435	0.0350	0.0350	0.0263	0.0263
TSS	mg/L	1.00	1.00	5.20	5.20	5.20	1.00	1.00	1.38	1.00	1.14	1.00	1.00	1.71	1.47
Field pH (units)	pH	0.0100	6.12	6.13	6.24	6.59	6.43	6.47	6.65	7.12	7.24	7.52	7.04	7.15	7.33
Field Conductivity	umhos/cm	0.100	253	172	169	157	199	253	234	224	176	202	228	333	289
Field Temp. (C)	pC	0.100	25.5	27.2	27.7	25.9	24.7	19.0	14.0	10.5	20.3	20.1	23.5	22.3	28.3
Field DO	mg/L	0.100	4.17	4.55	4.61	3.14	7.80	3.39	5.75	6.28	6.52	6.93	5.21	4.23	6.89
Field Turbidity	NTU	0.100	1.740	3.460	3.12	4.5	1.66	4.00	1.67	1.57	1.73	1.62	1.42	1.2	1.65
Chlorophyll a	ug/L	1.00	0.66	9.38	4.75	6.68	0.61	1.83	3.7	0.882	2.17	1.01	1.77	5.63	4.40
Aluminum	mg/L	0.0100	0.0460	0.0174	0.0100	0.0078	0.0548	0.1390	0.0314	0.0229	0.0204	0.0617	0.1000	0.0100	0.0403
Ammonia (as N)	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Antimony	mg/L	0.0100	0.1000	0.102	0.100	0.250	0.100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Arsenic	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Barium	mg/L	0.00000	0.0148	0.0086	0.0148	0.0114	0.0140	0.0117	0.0128	0.0154	0.0212	0.0128	0.0149	0.0131	0.0187
Beryllium	mg/L	0.000500	0.0014	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Boron	mg/L	0.0100	0.0213	0.0100	0.0214	0.0229	0.0387	0.0381	0.0160	0.0212	0.0590	0.5414	0.0287	0.0428	0.0987
Cadmium	mg/L	0.000200	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Chromium	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Cobalt	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Copper	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lead	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Molybdenum	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Nickel	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Selenium	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Silver	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Thallium	mg/L	0.00100	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Tin	mg/L	0.000500	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Vanadium	mg/L	0.00100	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Zinc	mg/L	0.0100	0.0027	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Total Alkalinity CaCO3	mg/L	1.00	58.6	42.8	44.3	43.3	62.5	53.4	97.8	89.6	71.0	82.2	89.8	86.2	63.3
Calcium	mg/L	0.100	27.3	17.7	22.1	18.1	26.7	25.9	32.4	31.6	35.1	33.8	31.4	36.8	28.0
Iron	mg/L	0.0100	0.585	0.384	0.628	0.368	0.381	0.314	0.298	0.237	0.281	0.275	0.211	0.128	0.815
Magnesium	mg/L	0.0100	2.88	2.54	2.88	2.22	2.77	2.68	4.01	4.13	3.42	4.27	3.73	4.92	3.80
Manganese	mg/L	0.0100	0.0173	0.0100	0.0100	0.0100	0.0150	0.0100	0.0100	0.0160	0.0121	0.0100	0.0100	0.0119	0.0218
Potassium	mg/L	0.500	2.140	2.380	2.33	2.29	2.42	2.5	2.68	2.3	2.33	2.31	2.63	2.87	2.68
Sodium	mg/L	0.500	11.40	10.10	10.50	9.93	11.40	10.50	15.20	14.80	13.20	15.30	15.50	25.50	19.40
Total Hardness (as CaCO3)	mg/L	0.100	72.20	46.30	59.50	51.20	70.30	68.10	97.80	88.20	75.70	81.90	107.00	79.30	79.30
TDS	mg/L	2.50	134	168	210	194	120	114	168	160	160	194	196	228	230
Orthophosphate (P)	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
BOD5/day	mg/L	2.00	2.03	2.03	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
TKN (as N)	mg/L	0.200	0.569	0.709	0.785	0.806	0.565	0.61	0.427	0.589	0.2	0.403	0.478	0.275	0.715
Chloride	mg/L	4.00	118.80	20.80	17.5	16.8	13.7	46.8	27.1	19.9	0.0442	0.0212	0.0326	0.0219	0.0474
Total Phosphorus (P)	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Total Phosphorus (P) Dissolved	mg/L	0.00200	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Sulfate	mg/L	1.00	13.40	16.45	16.23	7.30	7.81	15.40	7.01	11.30	10.30	9.97	21.40	11.60	18.00

UNDER DETECTABLE LIMIT
* PARAMETER MONITORED BY NPDES

SECTION D

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

6/30/2021

Capital Improvements Projects - estimated costs

Current Year

Cost

Year 1

Sheet #	Description	Cost
4	C-5 Sea World Discharge Flume - restoration	\$ 11,835.80
8	C-10 Overflow Weir at S-901 - erosion / undermining of overflow weir	\$ 32,648.50
9	C-11 Canal - restabilization, regrading @ S-1102 (Taft-Vineland)	\$ 17,848.00
11	C-3 / C-1 Canal Weir Replacement	\$ 10,803.10
13	S-501 Ditch Paving Washout repair	\$ 19,205.00
	Subtotal	\$ 73,135.40

Year 2

Sheet #	Description	Cost
10	C-11 Canal, S-1101 dredging, restoration, Beachline and JYP	\$ 85,119.55
14	MES repairs	\$ 19,032.50
	Subtotal	\$ 104,152.05

Year 3

Sheet #	Description	Cost
3	C-4 and C-5 Canal regrading	\$ 9,412.75
6	C-10 Canal - repair along SR 528 By Tract F Pond	\$ 46,224.25
	Subtotal	\$ 55,637.00

Year 4

Sheet #	Description	Cost
7	C-10 Canal - Bank at Bend - regrading along residential lots West of Orangewood	\$ 38,927.50
12	C-12 Canal - install underdrain	\$ 36,949.50
	Subtotal	\$ 75,877.00

Year 5

Sheet #	Description	Cost
1	C-1 Canal Grading at CFP	\$ 37,927.00
2	C-3 Canal - additional weir/bank stabilization	\$ 5,727.00
5	C-10 Bank Restoration - Behind Office	\$ 17,146.50
	Subtotal	\$ 60,800.50

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
C-1 Canal Grading at CFP					
General Conditions					
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 2,000.00	\$ 2,000.00
3	Geotech Testing	1	LS	\$ 2,500.00	\$ 2,500.00
I Site Work					
1	Excavation	1655	SY	\$ 4.00	\$ 6,620.00
2	Grading and Site Work	1655	SY	\$ 10.00	\$ 16,550.00
3	Sodding	1655	SY	\$ 2.00	\$ 3,310.00
General Conditions and Site Work					\$ 32,980.00
	Design and C/A				\$ 4,947.00
Total Cost					\$ 37,927.00

Year 5 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	Canal C-3 - additional bank/weir stabilization				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
	I Site Work				
1	Demo/clear existing concrete/rock/vegetation	1	LS	\$ 500.00	\$ 500.00
2	Site grading and earthwork	1	LS	\$ 500.00	\$ 500.00
3	FDOT #57 Stone	36	Ton	\$ 55.00	\$ 1,980.00
General Conditions and Site Work					\$ 4,980.00
	Design and C/A				\$ 747.00
Total Cost					\$ 5,727.00

Year 5 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	Canal C-4 and C-5 regrading				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 1,000.00	\$ 1,000.00
3	Geotech Testing	1	LS	\$ 1,000.00	\$ 1,000.00
	I Site Work				
1	Excavation	135	CY	\$ 6.00	\$ 810.00
2	Grading and Site Work	135	SY	\$ 15.00	\$ 2,025.00
3	Site Work - C-4 Canal Bank	135	CY	\$ 6.00	\$ 810.00
4	Sodding	135	SY	\$ 4.00	\$ 540.00
General Conditions and Site Work					\$ 8,185.00
	Design and C/A				\$ 1,227.75
Total Cost					\$ 9,412.75

Year 3 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	C-5 Sea World Discharge Flume - restoration				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 750.00	\$ 750.00
3	Geotech Testing	1	LS	\$ 750.00	\$ 750.00
	I Site Work				
1	Excavation	35	CY	\$ 12.00	\$ 420.00
2	Grading and Site Work	108	SY	\$ 15.00	\$ 1,620.00
3	Dewatering	1	LS	\$ 1,000.00	\$ 2,040.00
4	FDOT #57 Stone	30	Ton	\$ 55.00	\$ 1,650.00
5	Import fill material	35	CY	\$ 18.00	\$ 630.00
6	Sodding	108	SY	\$ 4.00	\$ 432.00
General Conditions and Site Work					\$ 10,292.00
	Design and C/A				\$ 1,543.80
Total Cost					\$ 11,835.80

Year 1 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	C-10 Bank Restoration - Behind Office				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 1,000.00	\$ 1,000.00
3	Geotech Testing	1	LS	\$ 750.00	\$ 750.00
	I Site Work				
1	Clearing/grubbing	450	SY	\$ 5.00	\$ 2,250.00
2	Grading and Site Work	450	SY	\$ 15.00	\$ 6,750.00
3	Import fill material	20	CY	\$ 18.00	\$ 360.00
4	Sodding	450	SY	\$ 4.00	\$ 1,800.00
General Conditions and Site Work					\$ 14,910.00
	Design and C/A				\$ 2,236.50
Total Cost					\$ 17,146.50

Year 5 Project

OPINION OF PROBABLE CONSTRUCTION COST

06/30/21

Valencia Water Control District

CPH PROJECT NO. 6816.07

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	C-10 Canal - repair along SR 528 By Tract F Pond				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 2,000.00	\$ 2,000.00
3	Geotech Testing	1	LS	\$ 2,500.00	\$ 2,500.00
	I Site Work				
1	Excavation	1465	SY	\$ 4.00	\$ 5,860.00
2	Grading and Site Work (Bank Stabilization)	1465	SY	\$ 15.00	\$ 21,975.00
3	Sodding	1465	SY	\$ 4.00	\$ 5,860.00
General Conditions and Site Work					\$ 40,195.00
	Design and C/A				\$ 6,029.25
Total Cost					\$ 46,224.25

Year 3 Project

Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
C-10 Canal - Bank at Bend - regrading along residential lots West of Orangewood					
General Conditions					
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 2,000.00	\$ 2,000.00
3	Geotech Testing	1	LS	\$ 2,500.00	\$ 2,500.00
I Site Work					
1	Clearing, grubbing	100	SY	\$ 4.00	\$ 400.00
2	Grading and Site Work	100	SY	\$ 15.00	\$ 1,500.00
3	Gabion Mat (12" Thick)	33	SY	\$ 416.00	\$ 13,728.00
4	Gabion Basket (36" Thick)	111	CY	\$ 102.00	\$ 11,322.00
5	Sodding	100	SY	\$ 4.00	\$ 400.00
General Conditions and Site Work				\$	33,850.00
	Design and C/A				\$ 5,077.50
Total Cost				\$	38,927.50

Year 4 Project

Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	Overflow Weir at S-901 - erosion / undermining of overflow weir				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 2,000.00	\$ 2,000.00
3	Geotech Testing	1	LS	\$ 2,500.00	\$ 2,500.00
	I Site Work				
1	Excavation, clearing	70	CY	\$ 12.00	\$ 840.00
2	Grading and Site Work	70	CY	\$ 15.00	\$ 1,050.00
3	Backfill under weir	400	CY	\$ 50.00	\$ 20,000.00
General Conditions and Site Work					\$ 28,390.00
	Design and C/A				\$ 4,258.50
Total Cost					\$ 32,648.50

Year 1 Project

OPINION OF PROBABLE CONSTRUCTION COST

06/30/21

Valencia Water Control District
 CPH PROJECT NO. 6816.07

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	Canal C-11 - restabilization, regrading @ S-1102 (Taft-vineland Road, by South Center)				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 2,000.00	\$ 2,000.00
3	Geotech Testing	1	LS	\$ 2,500.00	\$ 2,500.00
	I Site Work				
1	Excavation	1	LS	\$ 5,000.00	\$ 5,000.00
2	Grading and Site Work	1	LS	\$ 2,500.00	\$ 2,500.00
3	Import fill material	10	CY	\$ 18.00	\$ 180.00
4	Sodding	335	SY	\$ 4.00	\$ 1,340.00
General Conditions and Site Work					\$ 15,520.00
	Design and C/A				\$ 2,328.00
Total Cost					\$ 17,848.00

Year 1 Project

OPINION OF PROBABLE CONSTRUCTION COST

06/30/21

Valencia Water Control District**CPH PROJECT NO. 6816.07**

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	Canal C-11, S-1101 dredging, restoration, Beachline and JYP				
	General Conditions				
1	Mobilization	1	LS	\$ 3,000.00	\$ 3,000.00
2	Certified As-builts	1	LS	\$ 2,500.00	\$ 2,500.00
3	Geotech Testing	1	LS	\$ 2,500.00	\$ 2,500.00
	Site Work				
1	Excavation (Dredging) and moving material to JYP/Beachline area	2250	CY	\$ 10.00	\$ 22,500.00
2	Grading and Site Work	1	LS	\$ 12,500.00	\$ 12,500.00
3	Clearing, grubbing	120	SY	\$ 4.00	\$ 480.00
4	Import fill	44	CY	\$ 18.00	\$ 792.00
5	8-inch underdrain pipe	875	LF	\$ 25.00	\$ 21,875.00
6	Install MES to Canal	1	LS	\$ 750.00	\$ 750.00
7	Sodding	1780	SY	\$ 4.00	\$ 7,120.00
	General Conditions and Site Work				\$ 74,017.00
	Design and C/A				\$ 11,102.55
	Total Cost				\$ 85,119.55

Year 2 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
C-1 / C-3 Canal Weir Replacement					
General Conditions					
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Construction Survey and Layout	1	LS	\$ 500.00	\$ 500.00
3	Certified As-builts	1	LS	\$ 500.00	\$ 500.00
I Site Work					
1	Demo existing concrete	1	LS	\$ 500.00	\$ 500.00
2	Site grading and earthwork	1	LS	\$ 500.00	\$ 500.00
3	Concrete Flume	1	LS	\$ 750.00	\$ 750.00
4	Dewatering	1	LS	\$ 4,500.00	\$ 4,500.00
5	Weir	16	SF	\$ 9.00	\$ 144.00
General Conditions and Site Work					\$ 9,394.00
	Design and C/A				\$ 1,409.10
Total Cost					\$ 10,803.10

Year 1 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	Canal C-12 - install underdrain - west of Woodway Drive				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 1,500.00	\$ 1,500.00
	I Site Work				
1	Install 8-inch underdrain	600	LF	\$ 25.00	\$ 15,000.00
2	Grading and Site Work	920	SY	\$ 10.00	\$ 9,200.00
3	New MES outfall to canal (for underdrain)	1	EA	\$ 750.00	\$ 750.00
3	Sodding	920	SY	\$ 4.00	\$ 3,680.00
General Conditions and Site Work					\$ 32,130.00
	Design and C/A				\$ 4,819.50
Total Cost					\$ 36,949.50

Year 4 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	S-501 Ditch Paving Wahsout repair				
	General Conditions				
1	Mobilization	1	LS	\$ 2,000.00	\$ 2,000.00
2	Certified As-builts	1	LS	\$ 1,500.00	\$ 1,500.00
	I Site Work				
1	Silt fence and turbidity barrier	1	LS	\$ 2,000.00	\$ 2,000.00
2	Eco-foam stabilization under ditch bank paving	1	LS	\$ 5,500.00	\$ 5,500.00
3	Excavation and regrading	1	LS	\$ 4,500.00	\$ 4,500.00
3	Sodding	1	LS	\$ 1,200.00	\$ 1,200.00
General Conditions and Site Work					\$ 16,700.00
	Design and C/A				\$ 2,505.00
Total Cost					\$ 19,205.00

Year 1 Project

OPINION OF PROBABLE CONSTRUCTION COST
Valencia Water Control District
CPH PROJECT NO. 6816.07

06/30/21

	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	MES repairs - (various locations along C-1 canal)				
	General Conditions				
1	Mobilization	1	LS	\$ 1,000.00	\$ 1,000.00
	I Site Demolition				
1	Remove existing MES	5	EA	\$ 500.00	\$ 2,500.00
2	Construct new MES (18" - 24")	5	EA	\$ 2,250.00	\$ 11,250.00
3	18" RCP storm pipe	40	LF	\$ 45.00	\$ 1,800.00
General Conditions and Site Work					\$ 16,550.00
	Design and C/A				\$ 2,482.50
Total Cost					\$ 19,032.50

Year 2 Project

SECTION VII

SECTION A

Customer Call Log - Valencia Water Control District						
Date	Name	Subdivision	Address	Issue	Pond/Canal Name	Resolution
6/22/21	Sally Unamuno	Deer Creek	5148 Deer Creek Drive	Called requesting variance from District to install fence on property that crosses 20-ft utility easement.	Deer Creek Pond 2	Mr. Flint reviewed the area and noted that nothing permanent should cross the easement and denied granting the variance. Resident advised that other homes along the easement have fences crossing the easement. Mr. Flint reviewed the area with District Counsel and Engineer and determined there was still enough space to access District property if fence was there and decided to grant permit to residence to build the fence. Stacie Vanderbilt sent paperwork to the resident for review and signature.
						Date Resolved
						6/30/21

SECTION B



VALENCIA WATER CONTROL DISTRICT
219 E. LIVINGSTON STREET, ORLANDO, FL 32801
PHONE: 407-841-5524 x 101 - FAX: 407-839-1526

June 30, 2021

Sally and Jose Unamumo ("Permittee")
5148 Deer Creek Drive
Orlando, FL 32821

Re: Permit #0518 - Fence on Valencia Water Control District Easement

Dear Permittee:

Upon the full execution of this Agreement, you are permitted to install a fence on your property within the Valencia Water Control District's (the "District") easement in accordance with the attached survey provided by you, and upon the following conditions:

1. The Permittee complies with all HOA, County and other regulatory requirements.
2. The entire expense of construction, including restoration, is borne by Permittee.
3. The District shall in no way be liable for any damage to any structure or work authorized herein which may be caused by or result from future operations undertaken by the District in the public interest within its easement or on its property.
4. It is expressly stipulated that this permit is a license for permissive use only and that the placing of facilities upon District's easement pursuant to this permit shall not operate to create or vest any property right in said holder.
5. Whenever necessary for the construction, repair, improvement, maintenance, safe and efficient operation, alteration or relocation of all or any portion of the District works as determined by the District, any or all of said poles, fences, landscaping or other facilities and appurtenances authorized hereunder (the "Improvements"), shall be immediately removed from said District easement or reset or relocated thereon as required by the District.
6. An approved-as-noted drawing covering details of this installation shall be made a part of this permit.
7. All the provisions of this permit shall be binding on any assignee or successor in interest of the Permittee.
8. It is understood and agreed that the rights and privileges herein set out granted only to the extent of the District right, title and interest in the land to be entered upon and used by the Permittee, and the Permittee will, at all times assume all risk of and indemnify, defend, and save harmless the District from and against any and all loss, damage, cost or expense

arising in any manner on account of the exercise or attempted exercised by said Permittee of the aforesaid rights and privileges.

9. In case of non-compliance with the District requirements set forth herein, this permit is void and the installation must be brought into compliance or removed from the District's easement at no cost to the District.

ACCEPTED BY:

Signature: _____
Sally Unamuno, Permittee

Signature: _____
Jose Unamuno, Permittee

WITNESS:

GRANTED BY:
VALENCIA WATER CONTROL DISTRICT

By: _____
George S. Flint, District Director

On this ____ day of _____, 2021.

