

SEBASTIAN RIVER IMPROVEMENT DISTRICT

INDIAN RIVER COUNTY

DECEMBER 6, 2017
REGULAR BOARD MEETING
10:00 A.M.

Special District Services, Inc.
The Oaks Center
2501A Burns Road
Palm Beach Gardens, FL 33410

www.sridfl.org

561.630.4922 Telephone 877.SDS.4922 Toll Free 561.630.4923 Facsimile

AGENDA SEBASTIAN RIVER IMPROVEMENT DISTRICT

1555 Indian River Boulevard, Suite B-125 Vero Beach, Florida 32960

BOARD OF SUPERVISORS REGULAR BOARD MEETING

December 6, 2017 9:00 a.m.

A.	Call to Order
B.	Proof of PublicationPage 1
C.	Establish Quorum
D.	Additions or Deletions to Agenda
E.	Comments from the Public for Items Not on the Agenda
F.	Approval of Minutes
	1. September 7, 2017 Regular Board Meeting & Public Hearing Minutes
G.	Ratification of Actions Taken During September 7, 2017 with No Quorum
H.	Old Business
	1. Update on FEMA Maps
	2. Update on 82 nd Avenue Improvements
	3. Update on CR510 Project – FDOT Appropriate Lateral D Crossing
	4. Discussion Regarding Setting Lateral D Watershed Volume Limitations
I.	New Business
	1. Consider Approval of Quail Valley Permit Application for Golf Course ExpansionPage 16
	2. Consider Resolution No. 2017-05 – Adopting a Fiscal Year 2016/2017 Amended BudgetPage 19
J.	Administrative Matters
	1. Water Quality Report
	2. Sand Mine Updates
K.	Board Members Comments
L.	Adjourn

Treasure Coast Newspapers



Indian River Press Journal 1801 U.S. 1, Vero Beach, FL 32960 AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA

COUNTY OF INDIAN RIVER

Before the undersigned authority personally appeared, Natalie Zollar, who on oath says that she is Classified Inside Sales Manager of the Indian River Press Journal, a daily newspaper published at Vero Beach in Indian River County, Florida: that the attached copy of advertisement was published in the Indian River Press Journal in the following issues below. Affiant further says that the said Indian River Press Journal is a newspaper published in Vero Beach in said Indian River County, Florida, and that said newspaper has heretofore been continuously published in said Indian River County, Florida, daily and distributed in Indian River County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid or promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The Indian River Press Journal has been entered as Periodical Matter at the Post Offices in Vero Beach, Indian River County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

 Customer
 Ad Number
 Copyline
 PO #

 432751 - SPECIAL DISTRICT SERVICES INC
 1828075
 SEBASTIAN RIVER IMPROVEMENT DISTRICT

Pub Dates November 22, 2017

Sworn to and subscribed before me this day of, November 24, 2017, by

Natalie Zollar , wh

(X) personally known to me or

() who has produced _______as identification.

arol Kangas // Notary P

KAROL E KANGAS Notary Public - State of Florida Commission if GG 126041 My Comm. Expires Jul 29, 2021 Bordad Urrough National Hotury Asso.

Transportation

Local fields Where local meets classifieds The recommendation in 1977-2072-007



WALLACE CADILLAC 1555 SE Federal Hwy. Stuart 772-285-3555

WALLACE CHEVROLET Hwy 5luart 172-287-3232

Public Notices

In November I, 2017, an application was tendered for fining with the CCD for the transfer of central IP Penackola Christian Public Penackola

SERASTIAN RIVER
IMPROVEMENT DISTRICT
FISCAL YEAR 2017/2018
REGULAR BOARD MEETING
SCHEDULE

SCHEDULE
HOTICE IS HEREBY GIVEN that
the Settastian River Improvement District ("SQID") will
hold Regular Board Meetings
of the desort of Supervivar's
of the foot of Supervivar's
Attorney Incated at Samuel A
More, IA, 1555 Indian PABooklywed, Suite, D-125, Very
Booklywed, Suite, D-125, Very
Booklywed, Suite, D-125, Very
Covenies atterwise moted**);

March 7, 2018 March 7, 2018 **June 6, 2016** September 5, 2018

"The June 6, 2018, Repola-board Meeting will be field in the Horthern fusib bank Com-munity Roam Socated at 752 Socachand Buileyard, Yes-Beachand Horting, Yes-Beachand, Yes-Haring, Yes-Ha

sams occition. The suppose of the meetings is, to candict any business which may properly come before the Board. The meetings are upset to the bubble and will be conducted in accordance in the bubble and will be conducted in accordance with the suppose of the s

From time to time only or two Supervinors: may participate by telephone; therefore, a speaker telephone will be present as required, at the neeting incubion as that informed at the discussions taking place. Said meeting(s) may be continued as found may be continued as found necessary to a time and place specified on the record.

the angle of the control of the cont

appears based.

In accordance with the previsions of the Americans with solutions of the Americans with solutions. Act, any person requiring special accommodations or an interpretier to meetings should contact the meetings should contact the obstrict Absorger at (561) 650–6522 and/or bill tree at 1-877.

Tyl-9522 at least seem (1) day pain to the date of the porticular meetings.

Meetings may be can colled from time to time without advertised notice

SEBASTIAN RIVER IMPROVE-MENT DISTRICT WAY A CRASTILL FOR THE PROVINCE OF T

solut liverenters 22, 2017.

TON 1828075

This will serve as notice of intention to designate the intention to designate the intention of administration of the intention of the

Request for Blds

FORT PIERCE UTILITIES AUTHORITY (FPUA)

CALL FOR BIDS NO. 18-02

Sealed bids will be received by FPUA, Fort Pierce, Florida, in the office of the Purchasino

GAYOR CHRYSLEY
DOOGE JEEP
Drive A Little - Save A Lot
US-1, Melbourne
Gaforchryster.act
(321)/24-6411

Buy & Sell fast! WALLACE CHRYSLER

772-220-3605 Request for Blds Manager, until

2:00PM WEDNESDAY DECEMBER 20, 7017 For funishing: GENERATOR MAINTENANCE

per Betabled aprelifications and statement of work available and statement of work available on the statement of work available on the statement of work available of the statement of the statem

FPIIA engourages Minority/ Women Business Enterprise participation. Pub: Reventier 15 and 22, 2027 TCH 1821311

FORT PIERCE UTILITIES AUTHORITY (FPVA)

FORT PIERCE, FLORIDA CALL FOR HIDS NO. 18-20

Scaled bids will be received by FMA, Fort Pierce, florida, in the office of the Purchasing Manager, until:

J.GOPM FRIDAY DECEMBER 1, 2017 For furnishing: PERBLE LIME (CALCIUM OXIDE)

per detailed specifications and statement of work available in www.fpna.com, wave treuest. In Purchasing decomposition of the purchase and a wallable por request from the Furchasing Manager, 1904, 500 Boston Ave, Int Pierce, storida

PUA emprages Minesty/ Women Business Enterprise participation. Pub: November 15 and 32, 2013 TCN 1818999

FORT PIERCE UTILITIES AUTHORITY (FPUA)

FORT PIERCE, FLORIDA CALL FOR BIDS NO. 18-23

Seated bids will be received by FPUA, Fort Pierce, Florida, us the office of the Purchasing Manager, until:

3:00PM TUESDAY
OCCEMBER 19, 2017
For furnishing:
THERE-PHASE SOLID DISLECTHIC MULTIWAY SWITCH
WITH AUTOMATIC TRANSFER
PACKAGE (ATC)

per detailed aprelication; and stainment of work available on preventous con, www. and stainment of work available of the person of the person

FPUA encourages Minority/ Women Birsiness Enterprise participation, Pub: Rovember 72 and 29, 2017 TCN 1879320

FORT PIERCE UTILITIES AUTHORITY (FPUA)

FORT PIERCE, FLORIDA CALL FOR BIDS NO. 18-07

Sealed bids will be received by FPUA, Fort Pierce, Florida, in the office of the Purchasing Manager, until:

3:00PM WEDNESDAY JANUARY 3, 2018 For furnishing: WATER AND WASTEWATER PLUMBING CONNECTIONS AND REPAIRS

per, detailed specifications and statement of work endi-table on wino-space, on, when, the mandstacoun or by email request to Furchastopha-request to Furchastopha-request for Furchastopha-request for solo wastable pur-request from the Purchastopha-ments are also wastable pur-request from the Purchastopha-Managor, FURL, 500 Beston Ave, Fort Pierre, Florida

PPIM encourages Minority/ Women Business Enfergrise participation, pubs November 22 and 29, 2017 TCN 1828080

Legal Notice

Notice is hereby even that Hedrick Brothers Construc-tion (Construction Manuer) for the Martin County School District (Owner) will receive Propolals for Chiler Reloca-tion at Stuart Middle School.

Scope of work: Relocate the existing Chillers, Scopes required are: Electrical, HVAC, and Concrete.

Proposals are due on Decem-ber 7, 2017 no later 4:00 p.m. Bid Bond in the amount of 5% of Subcontractor Proposal will

VERO BEACH CHRYSLER

WALLACE DODGE 1755 SE Federal Highway, Stoart 172-228-3600

VELDE FORD velde-ford.com 488 US HWY I VEEO HEACH 772-569-3400

Request for Blds be required for all Subcon-tractor Proposals exceeding \$100,000

Proposals will be received at the Martin County School Dis-trict. Facilities Department, 1959 S.E. 10th Street, Stoart FL 34946.

Proposal Documents will be available on or about Novem-ber 14, 2017, Interested fill-ders shall contact Oxid Lect-sic by w-mail dischinerabled-richteches.com for access to list documents. No Phone Calls.

This project involves work at an occupied school compile, all subcontractors and voiders much compile with the School Bearing of Martin County, 15, 1635ca Lempford Requirements, 4 copy of these is available on request.

Dwiner anti/or Construction Manager reserve the right to reject any or all proposals or to accept any proposals which is in its best interest. Owner anti/or Construction Manager also reserve the right to wave any informalities and techni-calities in procedure.

All costs incorred by Proposer in preparing a Proposal shall be the sole responsibility of the Proposer. Pub: November 15, 72, and 79, 7017 Pub: Novemo-2017 TCN 1823456

Rocal Estates



Homes For Sale

SE PORTST, LUCIE - 3/2/7, Lg, CB home, accessible loca-tion. LR/GR/G family room m/pic. Nichen has new cab-mets & Corian tops, Compility oppyaded battle. Screen, Lied porch, laund, m, twiced dy, deep welf. apps in ex-count. 5147/3001/17/337/2950

VIRO BCH MIGHLANDS Furnished 1/2, LR/DR, kitcher wybidtry, scraffanal, tences yard 220th (177)205-7105

Condos-Furn Condos-Furn
SutTon PLACE - 28A/288,
2nd fleer, 1259-51, screen
portly new orabivets, corportly new orabivets, corteriops and cerpet, Gather
dra? ceilings. No dogs559,900 (777)165-8770
974E ESYLVARY - 28A/28A. In
pared complex, Shaurt, Highby uppraded wit, Com., pario,
maina \$157K (809)319-703.
WEVEN ROYALE ESY, 1030-89
WEVEN ROYALE ESY, 1030-89
WEVEN ROYALE ESY, 1030-89

VISTA ROYALE 157. FLOOR Vista Royale 2 bed,7 bath First Floor Excellent Condi-tion, fully furnished, \$117,000 Call (50R1521-3573

Water Toron / Property

CO-OPINC PARADISE
Full ammenities, w/occan &
marina. Furnished 1/1 manf
cabin Sell \$139,000 Or rent
monthly to \$1,00 small
motor hume as partul trade.
Call Van \$775,12-0962

Farms & Acreage

NORTH FLORIDA LAND 21 Acres, The men will know the its fants and hard modes, \$1,150,400 e and taking, Pines and hard modes, \$1,150,400 e can be Appt. 350,400 e

Manufactured Homes

FL. Pieter Ranglewood
Mobile Home Sales Inc.
Brank New 2017 3/2 18-266

Call 774: 638-227 for pricing
Industry Flore Avail to Qual
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Intuit Manufactured Homes

WERO BEACH - Newly updated tho/1.5ba, central air, parquet fire, 55+ COMMUNITY No nets. East close to brach und shapping, \$19,900. Call scith 772-717-1247 WER 10 1874631.

Auto Dealer Directory

WALLACE HYUNDAI 3801 SE Federa Hwy., Stuart 772-213-6000

VERO BEACH JEEP 855 S. US ONE 800-375-7966 vetobeachc|d.com

WALLACE JEEP 2/55 SE Federal (lighway, Study) 772-220-3600

For Sale By Owner

PALM CITY - PINE HIDGE VILLA 7/2/1 Tile, world faminate floors, comm. good, club plusse, penus caret, fluric-aine Windows and Shutters. Marty ligradeell; (7/2)233-9182 WEND 2501271

(772233-9142 WEND 190127)
VERO BEACH - 1642 24th Ave,
389.726A, 1146 ft home,
10.455 ft lot, tuge Hark
yard, No Ry or Boat Trailer Restrictions, No 100A,
51429998 Email fromanyshgmail.com (7771971-4000)

Lots/Acreage for Sale

VERO BEACH Bent Pine Golf Course Best cul-de-sac tot in duard pand common Created with Ig trees 1954. See http://bentpine.viests. com/introductions/ in photos derails or call 954-857-1100

Cemetery Lots

GEMETERY PLOTS
16 eathernized cemetery plots
Hillcrest Memorial Gardens,
Fort Pierce, FL 56,000 per lot
Contact David Fender
(772)528-7043

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FOREST HILLS - PALM CITY
Twn attractively located
Little-by-side lots in Oakures
1 #881 - Spaces 1 # 2 , \$1000/
gale, Prices set to go up
New 11 Current value: \$4700
(772)223-8029

HILLCREST MEMORIAL GAR-DENS Cermitary lot pag incl space, vault, marker, open/ close, \$3000 (772)332-8426



Apartments - Furnished FORT PLEACE - Large I born, Uving & Dining Hoom, Pri-vate Entrance, Furnished, all utils Satellite TV, Geat Location, Lease required. No puts, Call 772-971-3857

JENSEN BEACH 1/1 furn cottage, 57/5 plus sec. Elec incl. close to water, WD avail, very Clean 1772-233-0262

Yery Clean 1772-733-0262
STUART - waterfront
officiency on St. Lucie
River, downtown, in historic
district, off street parking, CLEAN, no pats; Sent
includes utilibres; Call
172-261-5677 10 1810508

Apartments - Unfurn. FORT PIERCE - SOUTH BEACH 20R, 15BA. Townhouse, tile & carpet, Cent. AC/H, oner beach, 1-adult dog 75 ha and dep. reg. 8850/ma 5850 Sec 772-971-8484 WEBID1802262

FORT PIERCE 1BR/1BA 2BR/2 5BA W.CortesVillage.n (772) 466-1505 WEB ID 1817608

STUART - 2BB, 7BA, Executive Apt. in North River Shores, Screened parch, Waster & Dryer, \$895/month, Security required, Call 561-562-7908 WESIO 1831/MI

WEGO 1813MI

VERO BEACH - 2/1, 171-ples, completely remadeled. 909
19th Place. Close to beach; thopping. No pets/make. \$950/mo FLS: rent covers gathage & lawn care. (779559-104

WHITE CITY
Townhome Community
2 Bedroom, Pool
772-466-0091 Townhomes net WEB ID 1802496

Homes Furnished PORT SALERNO - Waterfront! 7 boat sup!! Best view on the Manatee Pocket! 4bd / bd . fur. \$750,000 Doug 561-308-3488

Homes Unfurnished

EAGLEWOOD Well-kept 2/2/1.5
w/olc 55+ golf comm Great
golf, pond & garden views.
Use of golf cart, 18-hole
course w/rental Comm pool,
tennis, borce-ball: 52150/mo
+ wtz/elec. (561)611-2316

HOME FOR RENT. - East Lake Village. 1 bed 2 1/2 bath. Z car. Large master suite. W/D. Available 12/15/17. \$1106month. Call Greeda 574-161-0666. (772)115-6869. SEBASTIAN - 359 5 Wimbrow Or, 2/7/100 duplex Screened back porch, tile/carpet \$900+FAL/S (772)999-5575

Condos Furnished

WINTER BENTAL -VISTA HAR-BOB - 2/2, 1st f1 corner condo, fully equipped over 55%, 3-months min. Pinane 631 2410544. (631)345-1540

Auto Dealer Directory

WALLACE LINCOLN 5555 Snoth US 1 Ft. Pierce 772-461-6060

WALLACE MAZDA Hwy., Stuart 772-288-1999

WALLACE NISSAN 772-286-8000

Condos Universished

COMUNICATION LAND/ENSEN
Lovely Beach House
28/R/BA/ICG
all apples, private yard, acreen
porch, an per \$1200/me FL;
G69/J/M-1094 after 7pm ET
fishion at Wellin 17/1129
VERO EEGEN - Fairways, at
Grand Harbor, Gabed Corver,
174. Garage, Chib House,
M. Loud, 71/5-512-74/m
Web IO 1123689

Townhouse/Villas Unfum

WEATHERBEE VILLAS
2/J by Gator Trace CC 55+
F/L/S East of US 1
Won't last!
Call Large 3500/mo.
1223 Eat Weath Sher Road
(772)359-0360

Manufactured Homes VERO BLACH - Large Ibd/Iba, tile III. - new a/c, wash-er/dryer, \$695/month \$57 GOMMUNITY, NO PETS East close to beach & shopping F&S. Call Vicki 772-45, 2051 WEB ID 1828588

WERD BEACH Studio Style block of the Community of the Com

Beach Rentals HUTCHINSON ISLAND/VERO
Penthouse 12th floor occan
front 72f furn conds. Beauting for the first furnity furni

Seasonal/Vacation Rentals SOUTH HUTCHINSON ISLAND 168/18A, Ocean Front, 3rd Flaor in Pelican Ruilding, Cumples IRP. Available Dec 2017 (172)729-7422

Roommates PORT ST. LUCIE - Renter to share pool home. Room with private bath entry. Close to 1-95. NO SMOKE/DRUGS/DRAMA \$400/mo 772-359-4971



Real Patate Commercial Industrial Property /Sale

LEASED 18 ACRE INDUSTRIAL 18 01 Industrial Leased to a Motocross Park Only 1 Mile West of 195 on SR 512 Great Development Opportunity! Call:561.389.7027 4611189-7027

Common Ultraa myzisale

TELESMERE- BID LOT, Grill/Cars. outliness Property /Sale SEBASTIAN Office US 1 599,000 Outch Sale* 777-713-50/1



Automobiles for Salir BUICK LESABRE - 7004. Beige Libr Nicet \$4700. 177-316-3644

CABILLAC - 2008, \$15-4, Moon roof, leather, all factory options, new tires, 90K miles, \$7000, (772)\$62-8297. CADILLAC 58X - 2006, Load-ed, leather, surront, \$6500 (304)956-0096 (304)667-3656

HYUNDAI SONATA - 2008, 87K ml, well kept, runs excellent, \$3500 (772)532-3501. KIA CADEMZA - 7017. Premi Vo. lithr. IK Ibi. Vero Be: \$21,975 772-121-5455 DLR UNCOLN MKS 2013, Blnck, softan frather seets, 4-00or, 36k/mi, backup camevz, like new, Broat Oealt \$286 813-666-0664, or 7772-569-6401

Classic Citrs

FORD THUNDERBIRD - 1965 Runs Good Good interior lots of rust, lew Tires, Orig-nal 190ci motor, Spate on rts. 5000 (72) 46-2210 (01) 19388 Vehicles Wanted

AAA AUTO ANALYSIS MI Maker - All Peloc Ranges - We buy Care, Trucks & Matercycles: Est. 1981 772-260-9707

Auto Dealer Directory

GRIECO NISSAN 4815 5 US 1 1-888-728-4735 1-888-728-4715 Griecolissan.com (772)464-4645 WALLACE VOLKSWAGEN 2805 SE Federal Mis-

2805 SE Federal Highway Stuart 712-213-0007 WALLACE VOLVO IOI SE Federal Hwy, Stua 772-472-6542

Auto Parts & Acc

2000 JAGUAR - Convert) 120k mi, needs trans great \$700 772-913-4543

... Discountion

Boats/Motors/Marine

22 BASS TRACKER-W - 2.5 No Merc. Ex Condi Hardly Used-less than 17 had Sests, no riv 1100 frim; 772-55-4532 2000 TWIN VEE - 20° CC 2014 twin 70/n 5 Suzukis. Torsion bars. \$188 (304)667-3656.

Campers & RV's

1999 WINNFOAGO 35' VIO, 63.498 ml, satellite, cover, 12' slide-out. Exc Cond! Many extras \$20K; 772-778-5538

THANKSGIVING DAY EARLY DEADLINES Treasure Coast Newspapers will be CLOSED on

In observance of THANKSGIVING DAY CLASSIFIEDS DEADLINES

Tuesday, November 21 Monday, Nov. 20 at 2pm

Wednesday, November 22 Deadline Monday, Nov. 20 at 4pm

Thursday, November 23 Deadline Tuesday, Nov. 21 at 12pm

Friday, November 24 Deadline Tuesday, Nov. 21 at 2pm

Saturday, November 25 Deadline: Wednesday,Nov. 22 at 17m

inday, November 26 deesday, Nov. 22 of Tee

fonday, November 27 leadline: vednesday, Nov. 22 at 4pm Jupiter Courier -Thursday, November 23



TCP

Treasure Coast Newspapers 20ah HARLEY-BAYIOSON -FLHTCU Ultra Classic Electra Glide, 29931 miles, accel-tent condition, \$2500, Call (386)447-1575 WiRDI00998 Email: krma@netscape.com

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here



Place your ad online at

localiteds Reach the locals!

RV LOTS 3400/Manth + Utilities, 55+ comm 386-233-8097 or 305-338-5063 WEB 1004/80

Page 2

NO QUORUM

There was no quorum for this meeting due to Hurricane Irma, a Category 5 and potentially devastating storm heading toward south Florida. Governor Rick Scott declared an emergency and was recommending evacuations. It was decided that staff would review the agenda items and ask the Board to ratify any actions at the next meeting.

A. Call to Order

Chairman Shawn Sexton called the Regular Board Meeting of the Sebastian River Improvement District to order at 10:00 a.m. at the Law Offices of Samuel Block, 1555 Indian River Drive, Suite B125, Vero Beach, Florida 32960.

B. Proof of Publication

Proof of publication was presented showing that notice of the Regular Board Meeting had been published in *Indian River Press Journal* on August 19 and August 26, 2017, as legally required.

C. Establish Quorum

A quorum was established with the following Supervisors present:

Board of Supervisors

Chairman	Sean Sexton	Present
Supervisor	Jeff Bass	Absent
Supervisor	Tom Hammond	Absent

Staff members in attendance were:

District Administrator	Todd Wodraska	Special District Services, Inc.
	Len Lindahl	
District Counsel	Samuel Block	Samuel A. Block, P.A.
District Engineer	George Simon	Carter & Associates

Members of the public in attendance:

• Dan Corrigan

D. Additions or Deletions to Agenda

There were no additions or deletions to the agenda.

E. Comments from the Public for Items Not on the Agenda

There were no comments from the public for items not on the agenda.

F. Approval of Minutes

1. June 7, 2017, Regular Board Meeting

No action was taken on this item.

G. Public Hearing

- 1. Proof of Publication
- 2. Receive Public Comments Regarding Fiscal Year 2017/2018 Final Budget

There was no public comment.

3. Consider Resolution No. 2017-03 – Adopting a Fiscal Year 2017/2018 Final Budget

Mr. Wodraska presented Resolution No. 2017-03, entitled:

RESOLUTION NO. 2017-03

A RESOLUTION OF THE SEBASTIAN RIVER IMPROVEMENT DISTRICT ADOPTING A FISCAL YEAR 2017/2018 BUDGET.

Mr. Wodraska presented the budget for the upcoming fiscal year that runs from October 1, 2017, to September 30, 2018, which called for an annual assessment of \$16.50 per acre. He also compared the budget to the actual financials from the previous year and the budget for current year, noting that the SRID is in sound financial condition with ample funds available, but, eventually, assessments will have to be increased to cover the budgeted expenses.

Mr. Sexton was comfortable with increasing the assessments to \$16.50, as he thought it was good fiscal management to slowly raise assessments rather than have a large one-time increase.

Mr. Bass, who was out of town, was called and confirmed that he also was comfortable with the plan to set assessments at \$16.50 per acre.

Mr. Wodraska stated that the SRID will assess property owners \$16.50 per acre for the upcoming fiscal year.

H. OLD BUSINESS

1. Update on FEMA Maps

Mr. Simons reported that he was planning to object to the latest FEMA flood maps due to an error in the watershed basin category.

2. Update no 82nd Avenue

Mr. Simons reviewed the memo that was in the agenda packet.

3. Update on CR510 Project- FDOT Appropriate Lateral D Crossing

Mr. Simons handed out and reviewed a memo from Marvin Carter regarding the crossing.

4. Discussion Regarding Setting Lateral D Watershed Volume Limitations

There was no discussion regarding setting Lateral D Watershed volume limitations.

I. New Business

1. Consider Approval of Quail Valley Permit Application for Golf Course Expansion

Mr. Simon reported that his office was reviewing the application and noted there still needed to be some information provided prior to a SRID permit being granted.

2. Consider Resolution No. 2017-04 – Adopting a Fiscal Year 2017/2018 Meeting Schedule

Mr. Wodraska stated that staff would advertise the meeting schedule in the resolution that followed past practices.

J. Administrative Matters

- 1. Water Quality Report
- 2. Sand Mine Update

Mr. Simons reported that the Wild Turkey sand mine had been put on notice that the overflow water needs to drain into their pit and not into the SRID canals.

K.	Board Member Comments	
The	ere were no comments from the Board Members.	
L.	Adjournment	
Sec	eretary/Assistant Secretary	Chair/Vice-Chairman

MEMO

TO: Donovan Pessoa, FDOT

Derly Cano, E.I., HDR, Inc. Rohan Hameed, P.E., HDR, Inc.

CC: Todd Wodraska, Administrator SRID

Sam Block, Attorney

FROM: George A. Simons, P.E., Carter Associates, Inc.

Marvin Carter, PSM

DATE: July 17, 2017

RE: SRID / 82nd Ave Roadway Improvements Plans

69th Street to CR 510

SJID Permit Application dated 4/18/2016 "Contract Plans" Print Date 6/13/17

Drainage Report Calculations, dated June 2017

In review of the most recent plans and comparison to previous plan (print date 1/14/16), we offer the following observations and comments, (note that the comments are numbered based on the CAI 3/23/2017 memo):

1. SRID Right of Way Comments

- a) Acknowledged, the right of way plans are not finalized. Although SRID right-of-ways are indicated on plan-profile sheets of recent "Contract Plans", no right-of-way plans are attached. Right-of-way plans will/should provide accurate means of calculating and describing parcels of SRID right-of-way to be taken (along with adjacent private property parcels), and easements to be granted by SRID for sub-lateral right-of-way crossings. Status Acknowledged by Donavon 02-12-2015 e-mail, pending finalization of the right of way plans
- b. Location of AT&T buried conduit is not clearly shown within "Contract Plans". Between 69th Street and CR-510, however the AT&T fiber-optic conduit will likely fall mostly within the proposed 30' maintenance berm shown in the "Contract Plans". HDR's response does not address SRID's concern regarding loss of lease income from AT&T. They do include some reference to relocating the conduit in the "Utility Conflict Matrix" on Page

- 101 of plans. Status Not addressed, pending finalization of the FDOT Subsurface Utility Engineering.
- c. Acknowledged, the right of way plans are not finalized. The proposed outfall structures from SRID's sub-lateral canals are to be located within the respective right-of-ways. Structure, S-1012, in Sub-lateral C-4-E (Page 4 on Drainage Map on Page 30 of Plan-Profile sheets), appears to straddle the south right of way line. Please note that the SRID needs all Sub-lateral outfall pipes to be located in the SRID r-o-w(s) and access from 82nd Avenue to the maintenance berm of each sub-lateral must be provided. Status Not addressed, pending finalization of the right of way plans
- 2. The SRID approved the request for the exemption from the 2" limitation, reference SRID letter dated March 6, 2008, and the March 5, 2008 SRID Board of Supervisors meeting. **Status Addressed**
- 3. The Pond Outfall Structure Details include a discrepancy between the pipe invert and the orifice invert. Please check and explain. **Status Addressed**
- 4. The SRID requires the overflow from the proposed wet detention pond(s) connect to the SRID Sub-laterals. Status The Ponds have been moved. Some inconsistencies in the plans were noted; please address items c & d below.
 - a. Pond No. 11 has been moved south and adjacent to Sub-lateral C-3-E and now outfalls into C-3-E.
 - b. Pond No. 10 has been moved south to be adjacent to Sub-laterals C-5-E and its outfall now discharges into C-5-E.
 - c. Please note difference in size of outfall pipe (S-1103): Drainage Map (Page 4) calls for this to be a 54" culvert, Plan-Profile Sheet 34 calls it to be a 48" pipe???
 - d. Drainage Maps call for both sub-lateral canals adjacent to ponds (10 & 11) to have 54" diameter outfall pipes.
- 5. The SRID permit criteria include the requirement for the proposed project to maintain the 100 year flood plain storage volume. Pre vs post development flood plain storage volume calculations are required. **Status Addressed**
- 6. As discussed and agreed at the 5-19-2016 meeting additional pipes are required for connections to the Lateral C. CAI provided a summary of pipes with sizes, inverts and approximate locations for both the replacements and the additional pipes. Status Addressed, the pipes have been added, however some inconsistencies with the intent were noted,

The proposed upstream concrete box structures to be installed at the SRID Sublateral C-2E and C-4E, (S1112 and S1012 respectively) should be pre-cast with a 42" diameter opening on the east side of the box for the future drainage connection. The 42" openings are to be plugged with brick and mortar and the structures backfilled with dirt for now. The rock rip rap depicted on the S-1112 drainage structure is not necessary at this time, see sheet 49.

- 7. Numerous roadway cross sections include proposed fill in the Lateral C canal, to build a 30 foot wide maintenance berm. FDOT has proposed stabilizing the affected canal banks with a linear sheet pile structure.
 - Acknowledged, design is pending the completion of a Geotechnical Study. Status Not addressed, pending review and approval of sheet pile construction details to be provided with re-submittal. Due to the FDOT's position of no future maintenance of the sheet pile structure the SRID requires a 100 year (min) design life.
- 8. New comment. The drainage structure details for pipe connections to the SRID Lateral C with an upstream headwall show rock rip rap along the bottom of the ditch a minimum of 10 feet, for example see S-1101, and S-1102 on page 46. Also include a detail or note clarifying that the ditch side slopes are to be stabilized with rock rip rap to the top of the ditch slope along the 10 feet minimum distance from the face of the upstream headwall(s).













From: George Simons [mailto:GeorgeS@carterassoc.com]

Sent: Monday, August 28, 2017 5:20 PM

To: Len Lindahl Lindahl

Cc: jbass@graves-bros.com; Marvin Carter < MarvinC@carterassoc.com >

Subject: FW: MEMO TO: George Simons, Re: Quail Valley Permit Application. FROM: Marvin Carter

To All,

FYI prior to the SRID meeting and discussion on the permit application.

Marvin reviewed the proposed Quail Valley golf course expansion on SRID r-o-w and had the following comments. The submitted plan includes a typical cross section of the SRID r-o-w and IRFWCD r-o-w. The cross section does not appear to be based on survey level information and should be verified before any Board decisions regarding the request are made.

Thanks

George A. Simons, P.E. Principal Carter Associates, Inc. 1708 21st Street Vero Beach, FL 32960 772 562-4191 EXT.111 772 562-7180 Fax

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From: Marvin Carter

Sent: Tuesday, August 22, 2017 10:07 AM

To: George Simons

Subject: MEMO TO: George Simons, Re: Quail Valley Permit Application. FROM: Marvin Carter

The subject permit application involves the proposed construction of an additional nine hole golf course at the existing Quail Valley Golf. The site plan submitted indicates significant encroachments into the adjacent 200' wide R/W of SRID's Lateral "L" canal.

Lateral "L" canal runs North and South, west of and adjacent to the East Range Line of Township 32 South, Range 38 East, and the West Levee and Range Line Canal of the Indian River Farms Water Control District.

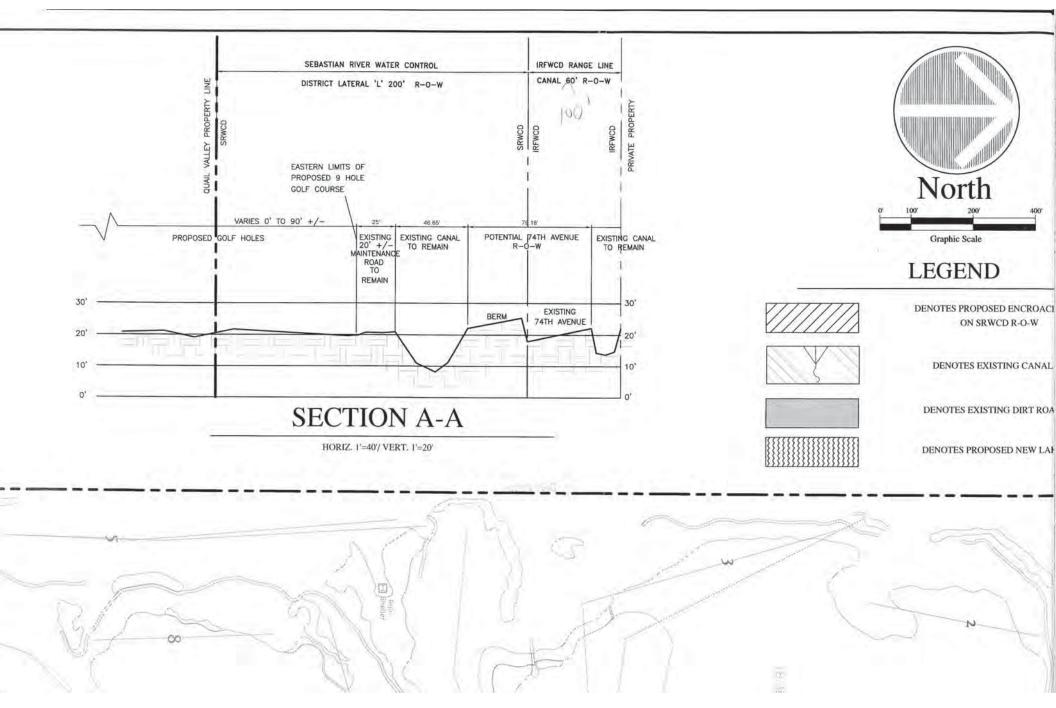
The 200' width of Lateral "L" R/W adjacent to Quail Valley dates back to the original 1925 Plan of Reclamation (POR). Original POR denotes the original R/W of Lateral "L" to be 150'in width from the South Boundary of SRID (@ 26th Street alignment) north to th sub-lateral C-10-E canal, and from that point on North to (and beyond) the North Winter Beach Road (69th Street) alignment. The original R/W was granted to the SRID by Quit Claim Deed by Graves Brothers Company, date June 10,1940, and recorded in Deed Book 32, page 177, public records of Indian River County, FI.

Following the recovery from the 1929-early30's depression and the downsizing and reorganization of the SRID, and as part of Public Law-566 project involving major works of improvements within the District, the alignment of Lateral "L" was modified and reconstructed North of 69th Street within a R/W of 125' in width

The realignment of the R/W occurs at the 69th Street alignment where Lateral "L" jogs West approximately 600'+/-. R/W deeds acquiring this new R/W are recorded in Warranty Deed (from Graves Brothers Company) in Official Record Book 310, page 300, and Warranty Deed (from Robert and Jane Newman) in Official Record Book 310, page 305, all in the public records of Indian River County, Fl.

I believe the physical location of the existing Lateral "L" canal is within the easterly 50' of the 200' wide R/W, and near the west toe of the Indian River Farms West levee. My recollection is that the East top of slope of Lateral "L" canal lies very near the West toe of the IRFWCD levee and does not provide a maintenance berm on the East side of the canal. The levee is covered with heavy growth preventing any access for canal maintenance from the East side. I have some disagreement with the Section A-A shown on the site plan. There is very little berm, if any, lying between the east top of bank of Lateral "L" canal and the East R/W. The West levee and Range Line canal lies within a 100' R/W (not 60' as shown). The "74th Avenue" roadway shown on the cross-section does not exist. The existing berm between the East toe of IRFWCD levee and West top of slope of Range Line canal is a very narrow canal maintence berm and does not provide public access. Access to this berm is generally blocked by IRFWCD except during times of maintenance activity. Range Line canal is somewhat larger, an probably deeper, than Lateral "L" canal. My thoughts would be that should 74th Avenue ever be built it would be located West of Lateral "L" canal, possibly utilizing part of the existing SRID's 200' R/W. We should check to see if my recollections as stated above are valid, and if there are any long range plans for construction of 74th Avenue in the future.

Subject to verification of above comments and observations, and any other considered utilization of the existing 200' R/W, the SRID may consider reducing the R/W width to match the existing 150' wide R/W to the South (upstream), or to the 125' R/W to the North (downstream), as long as sufficient canal maintenance access area is reserved.



Page 18

RESOLUTION NO. 2017-05

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE SEBASTIAN RIVER IMPROVEMENT DISTRICT AUTHORIZING AND ADOPTING AN AMENDED FINAL FISCAL YEAR 2016/2017 BUDGET ("AMENDED BUDGET"), PURSUANT TO CHAPTER 189, FLORIDA STATUTES; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Board of Supervisors of the Sebastian River Improvement District ("District") is empowered to provide a funding source and to impose special assessments upon the properties within the District; and,

WHEREAS, the District has prepared for consideration and approval an Amended Budget.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE SEBASTIAN RIVER IMPROVEMENT DISTRICT, THAT:

Section 1. The Amended Budget for Fiscal Year 2016/2017 attached hereto as Exhibit "A" is hereby approved and adopted.

<u>Section 2</u>. The Secretary/Assistant Secretary of the District is authorized to execute any and all necessary transmittals, certifications or other acknowledgements or writings, as necessary, to comply with the intent of this Resolution.

PASSED, ADOPTED and EFFECTIVE this 6th day of December, 2017.

ATTEST:	SEBASTIAN RIVER IMPROVEMENT DISTRICT
By:	By:
Secretary/Assistant Sec	retary Chairperson/Vice Chairperson

Sebastian River Improvement District

Final Amended Budget For Fiscal Year 2016/2017 October 1, 2016 - September 30, 2017

FINAL AMENDED BUDGET

SEBASTIAN RIVER IMPROVEMENT DISTRICT FISCAL YEAR 2016/2017

October 1, 2016 - September 30, 2017

	 	FIGORI VEA			0041 VEAD
	CAL YEAR	FISCAL YEA	R	FI	SCAL YEAR
	2016/2017	2016/2017			2016/2017
REVENUES	BUDGET	AMENDED BUD			ACTUALS
NAV ASSESSMENTS	145,667		49,989	1	149,989
R-O-W USE FEES	14,500	1	14,765	t	14,765
PERMIT FEES	0		0		0
OTHER REVENUES	1,000		0	.	0
INTEREST INCOME	750		2,508		2,508
TOTAL REVENUES	\$ 161,917	\$ 16	7,262	\$	167,262
EXPENDITURES					
LEGAL	6,000		7,152		7,152
DISTRICT ADMINISTRATIVE	30,000	:	26,298		26,298
OPERATIONS MANAGER	18,000		18,000		18,000
OPERATIONS MANAGER - PAYROLL TAXES	0		1,377		1,377
ENGINEERING / SURVEY	20,000		40,000		38,006
ACCOUNTING / AUDIT	6,500		6,250		6,250
INSURANCE	9,000		6,630		6,630
WEBSITE MANAGEMENT	1,500		1,500		1,500
OTHER OPERATING FEES	10,000		3,500		2,718
LEGAL ADVERTISEMENTS	0		758		758
R-O-W MAINTENANCE	50,000		40,000		30,213
C/L VEGETATION MANAGEMENT	50,000		17,500		9,625
OTHER MAINTENANCE FEES	5,000		922		922
TOTAL EXPENDITURES	\$ 206,000	\$ 16	9,887	\$	149,449
REVENUES LESS EXPENDITURES	\$ (44,083)	\$ (2,625)	\$	17,813
COUNTY APPRAISER & TAX COLLECTOR FEE	(2,913)	(2,357)		(2,357)
DISCOUNTS FOR EARLY PAYMENTS	(5,827)		4,844)		(4,844)
EXCESS/ (SHORTFALL)	\$ (52,823)	\$	9,826)	\$	10,612
PREVIOUS YEAR CARRY OVER	52,823		0		0
NET EXCESS/ (SHORTFALL)	\$ <u>-</u>	\$	9,826)	\$	10,612

<u>Notes</u>

Assessable Acres = 10,046

FY 2017 Assessment per Acre = \$14.50

FY 2017 Budgeted (Carry Over) Funding Assessment per Acre = \$5.26

FUND BALANCE (less Escrow) AS OF 9/30/16	\$ 162,496.00
FY 2016/2017 AMENDED ACTIVITY	\$ (9,826.00)
FUND BALANCE AS OF 9/30/17	\$ 152,670.00





November 16, 2017

Todd Wodraska Special District Services, Inc. 2501A Burns Rd Palm Beach Gardens. FL 33410

RE: Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Dear Todd Wodraska:

Enclosed are the analytical results for sample(s) received by the laboratory on November 02, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Terrence Anderson terrence.anderson@pacelabs.com 954-582-4300 Project Manager

Enclosures

cc: Frances Ware, Special District Services, Inc.



(386)672-5668



CERTIFICATIONS

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174

Alabama Certification #: 41320 Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955 Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346 Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Florida Certification #: E86240

South Florida Certification IDs

3610 Park Central Blvd N, Pompano Beach, FL 33064

Tampa Certification IDs

110 South Bayview Blvd., Tampa, FL 34677

Florida Certification #:E84129 Alabama Certification #: 41560

Georgia Certification #: #949

Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity

New Jersey Certification #: FL022 New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710 Oklahoma Certification #: D9947 Pennsylvania Certification #: 68-00547 Puerto Rico Certification #: FL01264 South Carolina Certification: #96042001 Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity Virginia Environmental Certification #: 460165

Wyoming Certification: FL NELAC Reciprocity

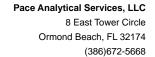
West Virginia Certification #: 9962C Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

Georgia Certification #: 949 Maine DHHS/CDC FL00237 Maine Certification #: 2015035

New Hampshire Certification #: 2955

REPORT OF LABORATORY ANALYSIS





SAMPLE SUMMARY

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35345767001	510 BRIDGE	Water	11/02/17 11:40	11/02/17 14:00



SAMPLE ANALYTE COUNT

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35345767001	510 BRIDGE	SM 2520B Modified	TAN	1	PASI-SF
		SM 5210B	EM1	1	PASI-SF
		SM 2540C	LF	1	PASI-Tp
		SM 2540D	LF	1	PASI-Tp
		EPA 300.0	CMB	1	PASI-O
		EPA 350.1	CLL	1	PASI-O
		EPA 351.2	JDW	1	PASI-O
		EPA 353.2	JMD	1	PASI-O
		EPA 365.3	BMU	1	PASI-O



ANALYTICAL RESULTS

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Date: 11/16/2017 10:09 AM

Sample: 510 BRIDGE	Lab ID:	35345767001	Collected	d: 11/02/17	11:40	Received: 11/	02/17 14:00 M	atrix: Water	
Parameters	Results	Units	PQL _	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical	Method:							
Field pH	7.0	Std. Units			1		11/02/17 11:40		
Field Temperature	21.7	deg C			1		11/02/17 11:40		
Field Specific Conductance	677	umhos/cm			1		11/02/17 11:40		
Turbidity	287	NTU			1		11/02/17 11:40		
Salinity by Conductivity	Analytical	Method: SM 25	20B Modifie	ed					
Salinity	7.0 U	ppt	7.0	7.0	1		11/05/17 17:25		
5210B BOD, 5 day	Analytical	Method: SM 52	210B						
BOD, 5 day	2.0	mg/L	1.5	1.5	2	11/03/17 16:21	11/08/17 20:12		V
2540C Total Diss. Solids Tampa	Analytical	Method: SM 25	540C						
Total Dissolved Solids	409	mg/L	5.0	5.0	1		11/09/17 17:20		
2540D Total Susp. Solids Tampa	Analytical	Method: SM 25	540D						
Total Suspended Solids	360	mg/L	20.0	20.0	1		11/09/17 10:52		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	0.00						
Chloride	117	mg/L	10.0	5.0	2		11/04/17 09:14	16887-00-6	
350.1 Ammonia	Analytical	Method: EPA 3	50.1						
Nitrogen, Ammonia	0.28	mg/L	0.050	0.020	1		11/13/17 16:36	7664-41-7	
351.2 Total Kjeldahl Nitrogen	Analytical	Method: EPA 3	51.2 Prepa	ration Meth	od: EP	A 351.2			
Nitrogen, Kjeldahl, Total	2.5	mg/L	1.0	0.17	1	11/09/17 08:28	11/15/17 15:31	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical	Method: EPA 3	53.2						
Nitrogen, Nitrate	0.087	mg/L	0.050	0.025	1		11/03/17 17:37	14797-55-8	
365.3 Phosph. Total Low Level	Analytical	Method: EPA 3	65.3 Prepa	ration Meth	od: EP	A 365.3			
Phosphorus, Total (as P) LL	0.0028 U	mg/L	0.0040	0.0028	1	11/14/17 09:30	11/15/17 09:26	7723-14-0	

REPORT OF LABORATORY ANALYSIS

Qualifiers

Analyzed



QUALITY CONTROL DATA

SM 2520B Modified

Salinity Conductivity

Analysis Method:

Analysis Description:

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 403394

QC Batch Method: SM 2520B Modified

Associated Lab Samples: 35345767001

METHOD BLANK: 2202175 Matrix: Water

Associated Lab Samples: 35345767001

Blank Reporting
Parameter Units Result Limit MDL

Salinity ppt 7.0 U 7.0 7.0 11/05/17 17:18

LABORATORY CONTROL SAMPLE: 2202176

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Salinity ppt 35 36.8 105 90-110

SAMPLE DUPLICATE: 2202177

Date: 11/16/2017 10:09 AM

35345444001 Dup Max **RPD RPD** Parameter Units Result Result Qualifiers 37.3 3 5 36.1 Salinity ppt



Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 403713

QC Batch Method: SM 5210B Analysis Method:

SM 5210B

Analysis Description:

5210B BOD, 5 day

Associated Lab Samples: 35345767001

METHOD BLANK: 2203890

Matrix: Water

Associated Lab Samples:

35345767001

Blank Result

Reporting

Parameter Units Limit

MDL

Analyzed

Qualifiers

BOD, 5 day

mg/L

Units

Units

mg/L

2.0 U

2.0

11/08/17 19:57 V 2.0

LABORATORY CONTROL SAMPLE:

Parameter

2203892

Spike Conc.

LCS Result

LCS % Rec % Rec Limits

Qualifiers

BOD, 5 day

BOD, 5 day

mg/L 198

1.7

104

85-115

SAMPLE DUPLICATE: 2203893

Date: 11/16/2017 10:09 AM

Parameter

35345765001 Result

Dup Result

2.9

206

RPD

Max **RPD**

52

Qualifiers

20 J(D6), V



Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 404355 Analysis Method: SM 2540C

QC Batch Method: SM 2540C Analysis Description: 2540C Total Diss. Solids Tampa

Associated Lab Samples: 35345767001

METHOD BLANK: 2207210 Matrix: Water

Associated Lab Samples: 35345767001

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Total Dissolved Solids mg/L 5.0 U 5.0 11/09/17 17:13

LABORATORY CONTROL SAMPLE: 2207211

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers **Total Dissolved Solids** mg/L 300 291 97 90-110

SAMPLE DUPLICATE: 2207212

35346473001 Dup Max **RPD RPD** Parameter Units Result Result Qualifiers 27400 3 5 **Total Dissolved Solids** 28200 mg/L

SAMPLE DUPLICATE: 2207213

Date: 11/16/2017 10:09 AM

35346213002 Dup Max RPD RPD Parameter Units Result Result Qualifiers 856 **Total Dissolved Solids** mg/L 842 2 5



Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 404350 Analysis Method: SM 2540D

QC Batch Method: SM 2540D Analysis Description: 2540D Total Susp. Solids Tampa

Associated Lab Samples: 35345767001

METHOD BLANK: 2207178 Matrix: Water

Associated Lab Samples: 35345767001

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Total Suspended Solids mg/L 5.0 U 5.0 5.0 11/09/17 10:51

LABORATORY CONTROL SAMPLE: 2207179

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers **Total Suspended Solids** mg/L 100 95.0 95 90-110

SAMPLE DUPLICATE: 2207180

Date: 11/16/2017 10:09 AM

Parameter Units Suspended Solids mg/L 5.0 U 5.0 U Max Result RPD APD Qualifiers



EPA 300.0

300.0 IC Anions

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Date: 11/16/2017 10:09 AM

QC Batch: 403106 Analysis Method:
QC Batch Method: EPA 300.0 Analysis Description:

Associated Lab Samples: 35345767001

METHOD BLANK: 2200540 Matrix: Water

Associated Lab Samples: 35345767001

 Parameter
 Units
 Blank Reporting Result
 Limit
 MDL
 Analyzed
 Qualifiers

 Chloride
 mg/L
 2.5 U
 5.0
 2.5 11/03/17 13:32

LABORATORY CONTROL SAMPLE: 2200541

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Chloride mg/L 50 47.4 95 90-110

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2201898 2201899

MS MSD

35344347001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits RPD RPD Qual Chloride 90-110 2 20 mg/L 7.4 50 50 52.9 53.9 91 93

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2201900 2201901

MS MSD MS MS 35345718001 Spike Spike MSD MSD % Rec Max RPD Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits RPD Qual Chloride 39.5 50 50 90.8 93.4 103 108 90-110 3 20 mg/L



EPA 350.1

350.1 Ammonia

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 405155

QC Batch Method: EPA 350.1

Associated Lab Samples: 35345767001

METHOD BLANK: 2212271 Matrix: Water

Associated Lab Samples: 35345767001

ParameterUnitsBlank ResultReporting LimitMDLAnalyzedQualifiersNitrogen, Ammoniamg/L0.020 U0.0500.02011/13/17 15:47

Analysis Method:

Analysis Description:

LABORATORY CONTROL SAMPLE: 2212272

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Nitrogen, Ammonia mg/L 0.94 94 90-110

MATRIX SPIKE SAMPLE: 2212274

MS 35344625002 Spike MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 0.16 1.2 90-110 1 106 Nitrogen, Ammonia mg/L

SAMPLE DUPLICATE: 2212273

Date: 11/16/2017 10:09 AM

35344625002 Dup Max RPD RPD Parameter Units Result Result Qualifiers 0.16 Nitrogen, Ammonia mg/L 0.16 2 20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS



Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 404306 QC Batch Method: EPA 351.2

Associated Lab Samples: 35345767001

Analysis Method: EPA 351.2 Analysis Description: 351.2 TKN

METHOD BLANK: 2206967 Matrix: Water

Associated Lab Samples: 35345767001

ParameterUnitsBlank Reporting ResultReporting LimitMDLAnalyzedQualifiersNitrogen, Kjeldahl, Totalmg/L0.086 U0.500.08611/15/17 15:12

LABORATORY CONTROL SAMPLE: 2206968

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Nitrogen, Kjeldahl, Total mg/L 20 19.4 97 90-110

MATRIX SPIKE SAMPLE: 2206970

35345472002 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 0.80 Nitrogen, Kjeldahl, Total 20 20.5 99 90-110 mg/L

SAMPLE DUPLICATE: 2206969

Date: 11/16/2017 10:09 AM

35345472002 Dup Max RPD RPD Parameter Units Result Result Qualifiers 0.80 Nitrogen, Kjeldahl, Total mg/L 0.96 18 20



Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 403218 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.

Associated Lab Samples: 35345767001

METHOD BLANK: 2200925 Matrix: Water

Associated Lab Samples: 35345767001

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Nitrogen, Nitrate mg/L 0.025 U 0.050 0.025 11/03/17 17:05

SAMPLE DUPLICATE: 2200927

 Parameter
 Units
 35345830001 Result
 Dup Result
 Max Result
 RPD
 Qualifiers

 Nitrogen, Nitrate
 mg/L
 0.025 U
 0.025 U
 20

SAMPLE DUPLICATE: 2200929

Date: 11/16/2017 10:09 AM

Parameter Units Result Result RPD Max Result RPD Qualifiers

Nitrogen, Nitrate mg/L 0.025 U 0.025 U 20



Project: Sebastian Quarterly SW

Pace Project No.: 35345767

QC Batch: 405301 Analysis Method: EPA 365.3

QC Batch Method: EPA 365.3 Analysis Description: 365.3 Low Level Total Phosphorus

Associated Lab Samples: 35345767001

METHOD BLANK: 2213005 Matrix: Water

Associated Lab Samples: 35345767001

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Phosphorus, Total (as P) LL mg/L 0.0028 U 0.0040 0.0028 11/15/17 11:54

LABORATORY CONTROL SAMPLE: 2213006

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Phosphorus, Total (as P) LL mg/L 0.10 100 90-110

MATRIX SPIKE SAMPLE: 2213008

35346262001 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers Phosphorus, Total (as P) LL 0.37 0.56 .1 185 80-120 J(M1) mg/L

SAMPLE DUPLICATE: 2213007

Date: 11/16/2017 10:09 AM

 Parameter
 Units
 35346262001 Result
 Dup Result
 RPD
 Max RPD
 Qualifiers

 Phosphorus, Total (as P) LL
 mg/L
 0.37
 0.37
 1
 20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS



QUALIFIERS

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach
PASI-SF	Pace Analytical Services - South Florida
PASI-Tp	Pace Analytical Services - Tampa

ANALYTE QUALIFIERS

Date: 11/16/2017 10:09 AM

U Compound was analyzed for but not detected.

J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS)

recovery.

V Indicates that the analyte was detected in both the sample and the associated method blank.

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sebastian Quarterly SW

Pace Project No.: 35345767

Date: 11/16/2017 10:09 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35345767001	510 BRIDGE				,
35345767001	510 BRIDGE	SM 2520B Modified	403394		
35345767001	510 BRIDGE	SM 5210B	403713	SM 5210B	404270
35345767001	510 BRIDGE	SM 2540C	404355		
35345767001	510 BRIDGE	SM 2540D	404350		
35345767001	510 BRIDGE	EPA 300.0	403106		
35345767001	510 BRIDGE	EPA 350.1	405155		
35345767001	510 BRIDGE	EPA 351.2	404306	EPA 351.2	405716
35345767001	510 BRIDGE	EPA 353.2	403218		
35345767001	510 BRIDGE	EPA 365.3	405301	EPA 365.3	405395

WO#: 35345767

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Number Lab I.D. Pace Project Samples Intact NA N/A N/A N/A OTHER FL NC SAMPLE CONDITIONS GROUND WATER DRINKING WATER of 1 Custody Sealed NYA N/A N/A N/A M NOTHER REGULATORY AGENCY × × 901 Page: NIX N/A N/X NIA Z Received on SC J° ni qmaT N/N/N/N = _ но GA 14/20 TIME RCRA N 11/183 DATE LOCATION Filtered (Y/N) NPDES SITE Requested Analysis: UST Other lonediel ACCEPTED BY / AFFIL!ATION Va₂S₂O₃ Sebastian WCD (St Johns Improvement Dist) HOBY P.O.Box 690336, Vero Beach, FL 32969 ICI FONH POST nubreserved SAMPLER NAME AND SIGNATURE 2 #OF CONTAINERS TIME 11 SAMPLE TEMP AT COLLECTION DATE 140 1 TIME 4631 COMPOSITE ENDIG RELINQUISHED BY / AFFILIATION DATE COLLECTED ace Quote Reference: Pace Project Manager: Invoice Information: TIME Company Name: Pace Profile #: COMPOSITE START Section C Address: DATE G+GRAB C=COMP Project Name: Sebastian Quarterly O **SAMPLE TYPE** M **BOOD XINTAM** Required Project Information: SW Purchase Order No.: Project Number Section B Report To: Copy To: MATRIX Section D Required Client Information 772-569-5541 Standard TOT One Character per box. (A-Z, 0-9 / .-)
Samples IDs MUST BE UNIQUE ш O SAMPLE ID Vero Beach, FL 32969 0 P.O. Box 690336 Sebastian WCD C Section A Required Client Information: В Requested Due Date/TAT: 772-562-9176 Additional Comments: 0 2 Company: Email To: Address: hone: 우 80 0 2 9

4

MHI

E-File, (ALLQ020rev.3,31Mar05), 13Jun2005

DATE Signed (MM / DD / YY)

Gur Marton

GNATURE of SAMPLER

Jim Norton



Document Name: Sample Condition Upon Receipt Form Document No.: F-FL-C-007 rev. 12

Document Revised: August 2, 2017 Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project Manager: PM: TGO	3534576) [Date and Initials of person:
Project Wanager: PM: TGA		11/13/17	Examining contents:
Client: CLIENT: S		11/13/1/	Label:
			pH:
Thermometer Used:	Date: \\\13\	11 Time: 03	300 Initials: AS
State of Origin:			
Cooler #1 Temp. °C \ 7 (Visual)	(Correction Factor)	(Actual)	Samples on ice, cooling process has begun
	(Correction Factor)		Samples on ice, cooling process has begun
	(Correction Factor)		Samples on ice, cooling process has begun
Cooler #4 Temp.°C(Visual)			Samples on ice, cooling process has begun
Cooler #5 Temp.*C(Visual)			Samples on ice, cooling process has begun
Cooler #6 Temp.°C(Visual)	_(Correction Factor) _	(Actual)	Samples on ice, cooling process has begun
Courier: Fed Ex UPS USF Shipping Method: First Overnight Priorit Other Billing: Recipient Sender			☐ Other
	S.—		
Custody Seal on Cooler/Box Present: Yes		Intact: Yes No	Ice: Wet Blue Dry None
Packing Material: Bubble Wrap Bubble B	Bags None C	Other	
Samples shorted to lab (If Yes, complete)	Shorted Date:	Shorte	ed Time: Qty:
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