JOINT PROJECT AGREEMENT

BETWEEN PINELLAS COUNTY, THE CITY OF ST. PETE BEACH, AND THE CITY OF SOUTH PASADENA, FOR THE REPLACEMENT OF A SECTION OF A RECLAIMED WATER TRANSMISSION MAIN ADJACENT TO THE COREY CAUSEWAY MAINTAINED BY PINELLAS COUNTY.

SECTION 1 INTENT OF AGREEMENT

This AGREEMENT made and entered into this ______day of _______, 2023, by and between PINELLAS COUNTY, a political subdivision of the State of Florida, acting by and through its County Administrator, hereinafter referred to as "COUNTY", the CITY OF ST. PETE BEACH, FLORIDA, a municipal corporation within said Pinellas County, acting by and through its City Commission, herein referred to as "ST. PETE BEACH", and the CITY OF SOUTH PASADENA, FLORIDA, a municipal corporation within said Pinellas County, acting by and through its City Commission, herein referred to as "SOUTH PASADENA", collectively "PARTIES".

WITNESSETH that:

WHEREAS, the COUNTY desires to maintain the reclaimed water transmission main, herein referred to as TRANSMISSION MAIN, in good working order; and

WHEREAS, the COUNTY, ST. PETE BEACH, and SOUTH PASADENA previously entered into a reclaimed water service agreement on September 24, 1991, herein referred to as "SERVICE AGREEMENT", and subsequent amendment executed on April 6, 1993, herein referred to as "FIRST AMENDMENT", that establishes shared ownership of the TRANSMISSION MAIN as tenants in common; and

WHEREAS, the COUNTY owns and operates the reclaimed water transmission main, that had fallen into disrepair requiring emergency inspection, repair, and ultimate relocation along the Corey Causeway, in the general vicinity of Sun Island Drive South to Sailboat Key Boulevard South, as described in Exhibit A, herein referred to as the "PROJECT"; and

WHEREAS, the COUNTY and the PARTIES have determined that it would be to the best interest of the public and to the economic advantage of all PARTIES to enter into this AGREEMENT for the PROJECT accomplished by the COUNTY's contractor.

WHEREAS the COUNTY found that the scope of work to be performed was of significant complexity thereby requiring remediation by a specialized contractor herein referred to as "CONTRACTOR"; and

NOW, THEREFORE, in consideration of the monies hereinafter agreed to be paid and the mutual covenants contained herein, the PARTIES hereby mutually agree as follows:

SECTION 2 SCOPE OF CONSTRUCTION SERVICES

The scope of Construction Services for the PROJECT included the following:

The design and installation of a subaqueous reclaimed water transmission main, removal/disposal of the deficient appurtenances, easements, permits, and COUNTY survey, engineering, and construction management staff time chargeable to the PROJECT.

SECTION 3 SERVICES TO BE PROVIDED BY THE COUNTY

The COUNTY has provided in-house construction, engineering, and surveying staff time to the PROJECT, with design, construction and other requisite activities having been performed by or at the expense of the CONTRACTOR, or other private consultants through the COUNTY's general engineering services contracts.

The COUNTY shall ensure that any warranty, including materials, equipment, workmanship, and closeout documents, provided by the CONTRACTOR constructing the PROJECT, is passed on to ST. PETE BEACH and SOUTH PASADENA under the same terms and conditions as that warranty applies to facilities constructed or installed on behalf of the COUNTY.

SECTION 4 FUNDING AND INVOICING

The COUNTY has paid the total construction cost for the PROJECT in an amount of Two Million One Hundred Thirty-Seven Thousand Three Hundred and Two Dollars (\$2,137,302.00). Pursuant to Section 2, paragraph A, of the RECLAIMED WATER SERVICE AGREEMENT, shared capital costs were to be based on anticipated capacity commitments. The COUNTY will invoice ST. PETE BEACH and SOUTH PASADENA for the costs of the PROJECT based on proportionate flow-utilization using the past ten (10) fiscal years of available flow-data as provided in Exhibit B.

ST. PETE BEACH will reimburse the COUNTY an amount of One Million One Hundred Sixty-One Thousand Six Hundred Twenty-Three and 64/100 Dollars (\$1,161,623.64) for Design and Construction of the PROJECT. SOUTH PASADENA will reimburse the COUNTY an amount of Two Hundred Seventy-Seven Thousand Eight Hundred Forty-Nine and 26/100 Dollars (\$277,849.26) for Design and Construction of the PROJECT. SOUTH PASADENA will reimburse the COUNTY in full within thirty (30) days of execution of this Agreement. ST. PETE BEACH shall pay the COUNTY in accordance with the following schedule:

ST. PETE BEACH

<u>Due October 1, 2023: \$232,324.73</u> <u>Due October 1, 2024: \$232,324.73</u> <u>Due October 1, 2025: \$232,324.73</u> <u>Due October 1, 2026: \$232,324.73</u>

Due October 1, 2027: \$232,324.72

TOTAL: \$1,161,623.64

The COUNTY shall process invoices from the CONTRACTOR and submit a copy to ST. PETE BEACH and SOUTH PASADENA along with requests for payment. ST. PETE BEACH and SOUTH PASADENA shall make all payments to the COUNTY in accordance with the Florida Prompt Payment Act.

SECTION 5 ACCOUNTING RECORDS

Records of expenses pertaining to all services performed shall be kept in accordance with generally recognized accounting principles and procedures.

SECTION 6 TERM OF AGREEMENT

This AGREEMENT shall commence on the date of execution and upon filing with the Clerk of Circuit Court in Pinellas County in accordance with Florida Statutes, Section 163.01(11), and shall continue in full force and until the Cities provides to the County mutually agreeable documentation which substantiates that this AGREEMENT has been been fully performed and COUNTY has paid all invoices under Section 5.

SECTION 7 TERMINATION

Upon written notice, this AGREEMENT may be terminated by any of the PARTIES in the event of substantial failure of another party to fulfill its obligation under this AGREEMENT through no fault of the terminating party. This AGREEMENT shall be deemed terminated on the fifteenth (15th) day after receipt of written notice of termination. The COUNTY, however, shall be entitled to receive payment for all work completed as of the date of termination.

SECTION 8 NOTICE

All notices or reports under this AGREEMENT shall be directed to the following addresses:

Project Manager for the COUNTY: Dennis Simpson, P.E.

Pinellas County Utilities Engineering 14 S. Ft. Harrison Avenue, 6th Floor

Clearwater, FL 33756

Project Manager for ST. PETE BEACH: Nancy Bostock

City of St. Pete Beach 155 Corey Avenue

St. Pete Beach, FL 33706

Project Manager for SOUTH PASADENA: Shawn Shimko

City of South Pasadena 7047 Sunset Drive South South Pasadena, FL 33707

SECTION 9 PRIOR AGREEMENTS

Nothing in the AGREEMENT is intended to modify the Reclaimed Water Service Agreement between the COUNTY and ST. PETE BEACH and SOUTH PASADENA executed September 24, 1991, amended April 6, 1993, or the Maintenance and Customer Services Agreement between the COUNTY and the CITY executed November 24, 1992 and the renewal agreement for maintenance and customer services between the COUNTY and ST. PETE BEACH executed November 4, 1997, except as explicitly captured in Section 4: Funding and Invoicing, of this AGREEMENT.

SECTION 10 ENTIRE AGREEMENT

This document embodies the whole AGREEMENT of the PARTIES. There are no promises, terms, conditions, or allegations other than those contained herein, and this document shall supersede all previous communications, representations and/or Agreements, whether written or verbal, between the PARTIES hereto. This AGREEMENT may be modified only in writing executed by all PARTIES. This AGREEMENT shall be binding upon the PARTIES, their successors, assigns and legal representatives.

IN WITNESS WHEREOF, the PARTIES hereto, or their lawful representative, have executed this AGREEMENT as of the date first above written.

CITY OF ST. PETE BEACH, a municipal corporation of the State of Florida

By: ______Adrian Petrila, City Mayor

ATTEST:

Amber LaRowe, City Clerk

APPROVED AS TO FORM:

Office of City Attorney

IN WITNESS WHEREOF, the PARTIES hereto, or their lawful representative, have executed this AGREEMENT as of the date first above written.

CITY OF SOUTH PASADENA, a municipal corporation of the State of Florida

By:_

Arthur Penny, City Mayor

ATTEST:

By:_

Carley Lewis, City Clerk

APPROVED AS TO FORM:

Office of City Attorney

IN WITNESS WHEREOF, the PARTIES hereto, or their lawful representative, have executed this AGREEMENT as of the date first above written.

PINELLAS COUNTY, FLORIDA, a political subdivision of the State of Florida, by and through its Board of County Commissioners

Ву:
Janet Long, Chair
ATTEST:
By: Ken Burke, Clerk of the Circuit Court
APPROVED AS TO FORM: APPROVED AS TO FORM By:
By: Office of the County Attorney
Office of the County Attorney

EXHIBIT A



DEPARTMENT OF THE ARMY

CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
TAMPA PERMITS SECTION
10117 PRINCESS PALM AVE, SUITE 120
TAMPA, FLORIDA 33610-8302

REPLY TO

August 21, 2019

Regulatory Division West Permits Branch Tampa Permits Section SAJ-2019-02720 (RP-KRD)

Mr. Dennis Simpson Pinellas County 14 S. Ft. Harrison Avenue Clearwater, Florida 33756

Sent via Email: dsimpson@pinellascounty.org

Dear Mr. Simpson:

The U.S. Army Corps of Engineers (Corps) has completed reviewed of your application for a Department of the Army (DA) permit, which the Corps received on July 29, 2019 and assigned DA file number SAJ-2019-02720 (NW-KRD). A review of the information and drawings provided indicates that the proposed work would result in the removal of the existing 20-inch reclaimed water main attached to the FDOT/SR-693 southbound bridge and installation of a new 24-inch HDPE pipe via HDD under Boca Ciega Bay between the SR-693/Pasadena Avenue South bridges, in Section 36, Township 31 South, Range 15 East, South Pasadena, Pinellas County, Florida. Approximate center coordinates: Latitude 27.751287 and Longitude -82.740784.

You are authorized to conduct the work as described above and as depicted on the enclosed drawings (Enclosure 1) by Regional General Permit (GP) SAJ-14 - *Subaqueous Utility and Transmission Lines in Florida*. You must ensure that the work is performed in accordance with the SAJ-14 Special Conditions (Enclosure 2) and the Project-Specific Special Conditions listed below or you may be subject to enforcement action. This DA permit authorization is being issued pursuant to Section 10 of the Rivers and Harbors Act of 1899 (Section 10). Section 10 requires prior authorization for structures and work in, over, under, and affecting navigable waters. This authorization is valid until **February 22, 2024**.

You can also access the Corps' Regulatory webpage to view the special and general conditions for SAJ-14, which apply specifically to this authorization. The website address is as follows: http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx. Please be aware this web address is case sensitive and should be entered as it appears above. Once there you will need to click on "General Permits." Then you can click on the specific SAJ permit.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

1. Reporting Addresses: The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:

- a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects & Enforcement Branch, Tampa Office (ATTN: Tracy Hurst), 10117 Princess Palm Avenue, Suite 120, Tampa, Florida 33610-8302.
- b. For electronic mail: SAJ-RD-Enforcement@usace.army.mil (not to exceed 10 MB). To submit files larger than 10MB, contact the Corps to obtain a code/link to our Secure Access File Exchange. Once you have received your code, go to https://safe.apps.mil/ to "Drop-off" (upload) your file. The Permittee shall reference this DA permit number, SAJ-2019-00688, on all submittals.
- 2. Commencement Notification: Within ten (10) days from the date of initiating the work authorized by this permit the Permittee shall provide a written notification of the date of commencement of authorized work to the Corps at the address provided in Project Specific Special Condition #1.
- 3. As-Built Certification: You must provide the required as-built certification and plans as specified in Regional General Permit (GP) SAJ-14 Special Condition #34 (Enclosure 2). Submit the as-built certification (Enclosure 3) and plans to at the email address provided in Project Special Condition #1 above.
- **4. Authorized Depth:** All subaqueous utility and/or transmission lines authorized by this regional general permit must be installed a minimum of 14 feet below the authorized depth of any federally-maintained shallow draft navigation channel it crosses. The 14-foot criterion applies to the entire authorized width of the channel, plus a minimum of 25 feet outside the channel edges to allow for maintenance of the side slopes.
- **5. Manatee Conditions:** The Permittee shall comply with the 2013 *Standard Manatee Conditions for In-Water Work* provided as an attachment to this permit (Enclosure 2).
- 6. National Marine Fisheries Service's Jacksonville District's Programmatic Biological Opinion (JAXBO) Project Design Criteria (PDC) Conditions: The permittee shall comply with the following PDCs and special conditions to ensure the project does not have an adverse impact on listed species protected under Section 7 of the Endangered Species Act.
 - a. Project Design Criteria (PDCs) for In-Water Activities: The Permittee shall comply with National Marine Fisheries Service's "PDCs for In-Water Activities" dated November 20, 2017 (Figure 3 in Enclosure 2).
- 7. Frac-Out Contingency Plan: The Permittee shall comply with the Frac-out contingency plan (Enclosure 1). In the event of a frac-out, the permittee shall notify the Corps within 48 hours of the incident. Notification shall include the time/location of the frac-out, an estimate of the area/volume of the discharge, and a description of impacts to aquatic resources, e.g., seagrass, mangrove, hard bottom. Additionally, the notification shall include measures being taken to contain the discharge and protect aquatic resources. Drilling mud (fluid) discharged as a result of the Frac-out shall be removed from Corps

jurisdictional waters and wetlands, and the area restored to pre-impact conditions to the extent determined to be practicable by the Corps.

- 8. Posting of Permit: The Permittee shall ensure that all contractors, subcontractors, and entities associated with the implementation of the project review, understand, and comply with the approved plans and special conditions made part of this permit. The Permittee shall inform all parties associated with the activity of the construction area boundaries and the location of adjacent wetlands to be avoided. Complete copies of the permit and approved plans shall be available at the construction site at all times. Failure to comply with the approved plans and permit special conditions may subject the Permittee to enforcement action.
- 9. Regulatory Agency Changes/Approvals: Should any other agency require and/or approve changes to the work authorized or obligated by this permit, the Permittee is advised a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the Tampa Permits Section. The Corps reserves the right to fully evaluate, amend, and approve or deny the request for modification of this permit.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. Prior to the initiation of any construction, projects qualifying for this Nationwide permit must qualify for an exemption under section 403.813(1), Florida Statutes or 373.406, Florida Statutes, or otherwise be authorized by the applicable permit required under Part IV of Chapter 373, Florida Statutes, by the Department of Environmental Protection, a water management district under section 373.069, Florida Statutes, or a local government with delegated authority under section 373.441, Florida Statutes, and receive Water Quality Certification and applicable Coastal Zone Consistency Concurrence or waiver thereto, as well as any authorizations required for the use of state-owned submerged lands under Chapter 253, Florida Statutes, and, as applicable, Chapter 258, Florida Statutes. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (http://www.myfwc.com/license/wildlife/) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (http://www.fnai.org/) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that

issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions related to this NWP verification or have issues accessing the documents reference in this letter, please contact me via telephone at (813) 769-7076 or via e-mail at Katy.R.Damico@usace.army.mil.

Sincerely,

Katy R. Januico Katy R. Damico Project Manager

Tampa Permits Section

Enclosures

Cc (via email):

Kevin Gerszuny, Kimley-Horn, Kevin.Gerszuny@kimley-horn.com

GENERAL CONDITIONS 33 CFR PART 320-330

- 1. The time limit for completing the work authorized ends on February 22, 2024.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
- 6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2019-02720 (RP-KRD)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)	(SUBDIVISION)	
(DATE)	(LOT) (BLOCK)	
(NAME-PRINTED)	(STREET ADDRESS)	
(MAILING ADDRESS)		
(CITY, STATE, ZIP CODE)	<u>-</u>	

RECLAIMED WATER MAIN RELOCATION 90% DESIGN SOUTH PASADENA

Pinellas County UTILITIES

FINANCIAL PID 2936B PID 2936B

SHEET INDEX

PROJECT LOCATION

COVER SHEET
GENERAL NOTES
PLAN & PROFILE
DETAILS DESCRIPTION SHEET NO. 02 - 04 05 - 08 07 - 09 PROJECT MANAGER: DENNIS SIMPSON, P.E. 727-464-4223 PINELLAS COUNTY

14 SDUTH FORT HARRISON AVENUE CLEARWATER, FLORIDA 33756 PHONE: (727)464-3588

SECTION 30, TOWNSHIP 31 SOUTH, RANGE 16 EAST

KEY MAP

VIIIIIIIIIII

US Army Corps of Engineers Tampa Permits Section Received by CESAJ-RD-WT/KRD

PINELLAS COUNTY LOCATION MAP

Date: August 15, 2019

SAJ-2019-02720 - ENCLOSURE 1

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 TIGGE/PROMESTED OF THE ACTULL LYYOUT PROPOSED PRORY TO ORDERING AND/AT COMMENCATION OF WORK.
- REAT SALE E MADE GOAL POR THE TITRES OF WRIGH LISTED, AND THE APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY MON SECROPOLITY DENITRED, BUT WHICH IS RECURRED FOR COMPLETION OF THE WORKE, SHALL ECONSCREED TO BE INCLUDED IN WAIT PROCE FOR THE APPROPARIE BID ITEM.
- RFS ATTENTION IS DIRECTED TO THE FACT THAT ALL CONSTRUCTION L. CONFORM TO PINELLAS COUNTY CODE, CHAPTER 58, ENVIRONMENT, DISE, SECTION 58-441 THROUGH 58-454,
- IN SHALL HAVE A SUPERINTENDENT ON SITE AT ALL TIMES WHEN WORK IS DIO. ALL WORKERS ON THE JOB SITE WILL BE COUNTED SO THE PUBLIC AND SHALL REFER ANY OLGSTIONS ON CONCERNS TO THE COUNTED STORY IN SECURINS TO SHE SHALL SPECK AND WALSH AND SHALL BE ANALORED AT THE SECURING WAS SECURING THE SECURING WAS SECURING THE COUNT INSECTION.

 THE DUSINESS THE COMMITTACION MUST PROVIDE A 24 HOUR EMERGENCY TO THE COUNT INSECTION.
- RI IS RESPONSIBLE TO PRACTICE, AND ENFORCE ALL LOCAL, AND STATE RUCITON, SAFETY LAW'S AND REGULATIONS, ESPECIALLY OSHA, WITH MISTRUCTION PRACTICES, AND PROCEDURES, ANY VICLATION OF THESE PROFIED TO THE AUTHORITES.

William Wade Wound UTILITIES
14 S. FT. HARRISON AVE.,
CLEARWATER, FL 33756

GENERAL NOTES

SOUTH PASADENA RECLAIMED WATER MAIN RELOCATION

Pinellas County

BDD WWW

> MANG REV. BY

8/15/19 29368

PROJECT NO.

02 OF (

SHEET:

Date: August 15, 2019 NO. DATE RESCRETINED by (

Tampa Permits Section US Army Corps of Engineers

ENCLOSURE SAJ-2019-02720 -

RELATED STANDARDS AND SPECIFICATIONS:

DESCRIPTION DOCUMENT

- U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION (FHWA) "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", 2009. 0-1
- FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) "STANDARD SPECIFICATIONS FOR RODA AND BRIDGE CORPSTRUCTION" DIVISION II & III LAFEST EDITION AND ALL SUPPLEMENTAL STANDARDS THERETO. 0-2
 - FOR STATE OF FLORIDA "MANUAL OF UNIFORM MINIMUM STANDARDS I DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", 2009 ("GREEN BOOK"). 0-3
- S FOR OPERATIONS C FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY CSTATE HIGHWAY SYSTEM" 2012. D-4
- FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, 2008. 0-5
- STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER REVIEWER MANUAL, LATEST EDITION. 9-0

AND

- PINELLAS COUNTY PUBLIC WORKS STANDARD TECHNICAL SPECIALIST SPECIATIONS FOR ACADMAY AND RELATED CONSTRUCTION", LATEST EDITION AVAILABLE ON-LINE (http://www.phinlosounty.arg/vechnical/pdf/roadway-tech-apacs—alminay-2016.pdf 1-0
- PINELLAS COUNTY "STANDARD ENGINEERING DETALS", LATEST EDITION AVAILABLE ON-LINE (http://www.pinaliascounty.org/technica). 8-0
- PINELLAS COUNTY STANDARD TECHNICAL SPECIFICATIONS FOR UTILITIES AND RELATED CONSTRUCTION, LATEST EDITION AVAILABLE ONLINE (http://www.pinelloacounty.org/utilities/pdf/sng_tech_specs.pdf) 6-0
- PINELLAS COUNTY UTLITIES "MATERIAL SPECIFICATION MANUAL", LATEST EDITION AVAILABLE ON-LINE (http://www.pinelloscounty.org/technical/pdf/material-spec-manual.pdf) D-10
- PINELLAS COUNTY "SPECIFICATIONS FOR HOT BITUMINOUS MIXTURES, PLANT METHODS, EQUIPMENT AND CONSTRUCTION METHODS, 2013.

NOTE: PROVISIONS OF DOCUMENT D-11 SHALL SUPERSEDE CORRESPONDING PROVISIONS OF DOCUMENT D-2 WITH RESPECT TO OPERATION AND TESSING.

EXCAVATION AND GRADING

- ALL SUB-BASES SHALL BE GOOD, CLEAN, ACCEPTABLE MATERIAL. COMPACTED TO MAXMUM DENSITY AS DETERMINED BY ASSITO T-99, 1 ACCORDANCE WITH FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRONGE CONSTINUOTION.
- FINAL GROUND COVER FOR ALL AREAS OF EXPORED EARTH RESULTING THOS CONTRIBUTION ACTIVITIES SHALL BE SEDDED AS SHOWN ON THE HANS AND AS DIRECTED BY THE ENGNEER. SEEDING SMALL NOT BE USED AS RANA, GROUND COVER EXCEPT WHERE STECHFOALLY SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGNEER.
- THE CONTRACTOR SHALL BACKFILL AREAS TO BE SODDED WITH CLEAN FILL TO MANTAIN PROPER GRADE, C'E PLANTING, REASE, AND THE SOD SHALL BE PROPERLY CLT-IN AND TANED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SODDING (SY).
- SOD STABILZATION SHALL OCCUR IMMEDIATELY AFTER ACHEVING FINAL GRADE, ALL SLOPES STEEPER THAN 3:1 SHALL INCLIDE SOD STAPLING ON STAKING, THE COST OF THIS WORK SHALL BE INCLUDED IN THE LINIT PRICE BID FOR SODDING (57).
- THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING FECULIED, OF PROPETCY ADARDEST STRUCHES AND UILLIES, OR TO BRACHNG TRECHNG, SHORNG, AND BRACHNG REQUIRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WINSH FOR WHON SHEETING, SHORNG, SHOR
- PROPERTY OF THE OFF—SITE, AT A SUITABLE CONTRACTOR SHALL BE UNSUITABLE MATERIAL SHALL BECOME THE CONTRACTOR AND SHALL BE DISPOSED OF SITE PROVIDED BY THE CONTRACTOR. THE

JS Army Corps of Engineers

RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITHING FEES RECURED FOR THE TRANSPORT AND DISCOSAL OF UNSUITABLE MATERIAL AN ADDITIONAL PAYMENT MIL BE MADE FOR UNSUITABLE MATERIAL UNESS A SPECIFIC PAY ITEM IS PROVIDED IN HE CONTRACT.

- ALL EXCESS EXCANATED SUITABLE AND UNSUITABLE MATERIAL NOT CLAMED BY THE COUNTY SALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR AREASTOR IN FREE CONTRACTOR. THE COST FOR DISPOSEA, HAULING, AND OTHER COSTS NICURRED SHALL BE INCLUDED IN THE PRICE BIP FOR GRADING (LUMP SUM).
- BORROW MATERIAL REQUIRED FOR CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
- EXCEPT FOR THE COST OF EXCANATION USBLIGHER MATERIAL AND THE COSTS OF THRIVENING PLACING FILL TO REPLACE UNSBLIGHER THE COST OF THRIVENING THRICE FOR GRADING SHALL INCLUDE THE COST OF ALL EIBERMARENT AND EXCANATION, RANDOM CONNECTIONS, THAL DIRESSING, AND SIMILAR EACH-MORK OFFENDING STREAMED TO THE CONNECTION OF THE PROJECT, UNLESS OTHERWISE DIRECTION OF THE PROJECT, UNLESS OTHERWISE
- 10. ANY GRADING OR CONSTRUCTION DEPICTED ON THE PLANS BETOND THE REGISTRATOR AND WITHIN THE LIMITS OF CONSTRUCTION IS TO BE REGISTRATE AND WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PERFORMED WHICH THOU HE PROPERTY OWNER THROUGH OF SIDEWALK, UNLITY, OR DRAINAGE EASEMENT, ONLY AFTER NOTIFICATION BY THE CHOISEMENT, AS BENCHMENT HAS BENCH GRANED SHALL THE CONTRACTOR CONSTRUCTIVE WITHIN THIS AREA, STORULD THE ENGINEERING CONTRACTOR SHALL WORLD THE CONTRACTOR SHALL MORPHY THE CONSTRUCTION LIMITS, AS DRECEINE BY CONTRACTOR SHALL MORPHY THE CONSTRUCTION LIMITS, AS DRECEINE BY THE ENGINEERING SHALL MORPHY THE CONSTRUCTION LIMITS, AS DRECEINE BY THE ENGINEERING SHALL MORPHY THE ENGINEERING SHALL MORPHY THE ENGINEERING SHALL MORPHY. 0,

SIDEWALK AND DRIVEWAY RESTORATION

- 1. ALE EXSTING AND PROPOSED UTILLY AND STORM SEMEN STRUCTURE TOPS THAT WILL BE EXPOSED WITHIN ANY SIGNALIAC FOR PARED AREA THENES SHALL BE ADJUSTED SO THAIT THE TOP SURFACE OF CONCESS OF THENES SHALL BE FLUIGHT WITH THE STORMACK OF PARENTS SHALL ALL EXISTING AND PROPOSED UTILITY AND STORMS SEMEN STRUCTURE OF THAT AND FOROCORD OF THE WARNS SHALL BE ADJUSTED SO THENES WHEN SHALL BE NO SHAFL OF THE WARNS SHALL BE NO LONGE HAVE THE PROPERLY SHALL BE NO SHAFL OF THE PROPERLY SHALL BE SHALL BE CARLOR FOR THE PROPERLY SHALL BE SHALL BE NO SHALL BE ADJUSTED SO THE PROPERLY SHALL BE NO SHALL BE ADJUSTED SO THE PROPERLY SHALL BE NO SHALL BE ADJUSTED SO THE PROPERLY SHALL BE NO SHALL BE ADJUSTED SO SHALL BE NO SHALL BE TO SHALL BE THE NO SHALL BE THE NO SHALL HEIGHT OF GRASS AFTER THE SHALL PER THE SHALL BE THE NO SHALL HEIGHT OF GRASS AFTER THE SHALL PER THE SHALL BE THE NO SHALL HEIGHT OF GRASS AFTER THE SHALL PER THE SHALL BE THE NO SHALL HEIGHT OF GRASS AFTER THE SHALL PER T
- ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE. THE DESIGNATED RARE OF CONSTRUCTION DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER, AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS MECESSARY FOR CONSTRUCTION, NO OPER EXCANATION TERROR, OR OTHER UNSAFE CONDITION, WILL BE LETT OVERWIGHT. ALL WORK SITES WILL BE COMPLETLY MESTORED WITHIN SERVEN (7) CALCIDARE DAYS OF THE CONCRETE POUR FOR SIEWALK. THE INTERTY OF THIS PROVISION IS TO "SAFE UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL MICLIDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEFINIS. ni
- SDEWALK SHALL BE CONSTRUCTED ACCORDING TO FDOT INDEX 310, AND SDEWALK RAMES SHALL BE CONSTRUCTED ACCORDING TO FDOT INDEX 304, UNLESS A SEPARATE DETALL IS PROVIDED. SIDEWALK RAMES SHALL BE CONSTRUCTED TO A MINIMULAN HIGHERS OF SIX (6) INCHES AND SHALL BE REPRECADED WITH DITHER WELDDD WITE FABRIC OR REPREPARED WITH SHARL SHANS OR AS APPROVED BY THE ENVIRENCE MILL DETAINS OR AS APPROVED BY THE ENVIRENCE MILL INSTALL AN EXPANSION SINT AT EACH EDD OF A CURP ACTOR MILL INSTALL AN EXPANSION SINT AT EACH EDD OF A CURB ACTOR
- THE CONTRACTOR WILL REQUEST A PRE-POUR INSPECTION BY THE DESIGNATION COUNTRY MESTED WALL NOT POUR AND STORMAL OR SIGNAL OR SIGNAL MAY SERVAL OR SIGNAL ARM CONFINCTION. THE PASSES A PRE-POUR INSPECTION A PROPOCE THAT ALL DE-ROOTING AND CLEARN NA RESECTION APPROVES THAT ALL DE-ROOTING AND CLEARN NA GOURD RESECTION TO VERIEY THAT ALL FORW MINK IS SUFFICIENTLY. AND THAT THE SUBGROOF IS CUT TO THE PRICERS UPPLY AND COMPANIED PROPERLY, WORK NOT IN

ACCREANCE WITH A COUNTY "POST—POUR" INSPECTION MAY REQUIRE THE COUNTER. FRANCE OF RESERVED WORK OF RESULT IN A REDUCED PARKET OF THE DELIVERABLE. THE PRE-POUR INSPECTION MAY PREDUCE SHALL NOT RELEASE THE CONTRACTION FROM THE RESPONSIBILITY OF COMPLETION OF MICH PLANS AND SPECIATIONS OF DIRECTIONS OF THE ENGINEER.

CONTRACTOR SHALL REMOVE AND DISPOSE, IN AREAS CONTRACTOR, ALL EXCESS CONCRETE BYPRODUCTS (CL THE CONTRACTOR THE CONTRACTOR SIDEWALK, ETC.)

CNIT

- ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTORS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.
- SIDEWALK CURB RAMPS SHALL BE PAID FOR AS DEFINED BY "DESIGN STANDARDS" INDEX 304 (FROM BACK OF CURB TO TLANDING, INCLUDING CURB AND TACTILE PAD.)

ECCET WHERE THE PLANS AND SECIENCHTONS REPORTE THAT SUCH WORK SHALL BE PREFORMED WIDER THE CONTRACT FOR THIS PROJECT, ALL UNITIES MISTEREM WITH CONSTRUCTION SHALL BE REMOVED. RELOCATED BY ALHER DEPORTS. THE CONTRACTOR SHALL ARRANGE THER SCHEDULE TO ALLOW UTILLY OWNERS INNE FOR THE RECENANT RELOCATION AND ADMISTRACT OF UTILLITIES AND RELATED STRUCTURES. THE OWNERS HANNOL LINES AND FACILITIES ARE INCLUDED BUT NOT LIMITED TO THE FOLLOWING.

OWKE VERYOR COMMUNICATIONS
FRONTER COMMUNICATIONS
WOLOOF BROADEAND OF FLORIDA
PINELLAS COUNTY VIILTIES TERREBURG
FRELLAS COUNTY HEWAY ENGINEERING
GHARTER COMMUNICATIONS
LEVEL 3 COMMUNICATIONS
INTIL PIBER

- 2. ABOVE GROUND AND/OR UNDERGROUND UTUTINES MAY BE IN THE AREA THE SOFTWANCING WITH A CONTINGUENCE IN THE STREAM OF THE SOFTWANCING WITH A CONTINGUENCE IN THE SOFTWANCING WITH A CONTINGUENCE WITH CONTINGUENCE WITH CONCINGUENCE WITH CONCINGUENCE WITH CONDENSE WITH CONCINGUENCE WITH CONCINGUENCE WITH CONTINGUENCE AND YOUTH TO MAKE SAME YOUTH TO MAKE SOFTWANCINGUENCE WITH MAY REQUEEN WITH CONTINGUENCE WITH WAS REASONABLE WITH CONTINGUENCE WITH SOFTWANCING SHALL FOR RESPONSIBLE THE DUMING CONSTRUCTION. THE CONTINGUENCE WITH SETS OF MAY UTUTING CONSTRUCTION. THE CONTINGUENCE WITH SOFTWANCING SHALL FOR RESPONSE FALLING TO GALL "SUNSHINE STATE ONE CALL." AND THE UTILITY OWNERS.
- THE ENGLIFICATION IS REQUIRED TO COORDINATE AND/OR PROVIDE FOR THE BRACING/SUPPORT OF EXISTING UTILLY POLES WITH THE UTILLY OWNERS, PRIOR TO THE COMMENCEMENT OF EXCAVATION/CONSTRUCTION ACTIVITIES.
- THE CONTRICTOR SHALL PROME TEMPORARY FACILIEES AS RECURED TO ISOLATE PITELINES INSTALLED UNDER THIS CONTRACT FOR THE PERFORMANCE OF TESTING UNDER THIS CONTRACT, LIKEWISE, PROMPE TEMPORARY FACILIEES AS REQUERED VAHINTIN WASTEWNER SERVICE THROUGHOUT THE CONSTRUCTION FERIOD.
- ALL ENSTRICK WARTE, SANITANTS TESTEN LINES, WATER/SENER PUMP, STATIONS AND OTHER UTILITIES SHALL REMAN IN STEWICE UNTIL THE RELOCATED UTILITIES ARE PLACED IN SERVICE COORDINATE ALL UTILITY RELATED CONSTRUCTION ACTIVITIES WITH THE OWNER OF THESE UTILITIES.
- ACCORDANCE ALL CONSTRUCTION WITHIN THE RIGHT-QF-WAY WILL BE IN ACCORDAN WITH THE PRACTICES REQUIRED BY PRIELLAS COUNTY LAND DEVELOAMENT CODE, CHAPTER 170, ARTIGE V, SECTION 170-286 THROUGH 170-276, ALONG WITH THE FDOT UTILITY ACCOMMODATION MANUAL.
- NOTIFY THE RESPONSIBLE UTILITY FOR RELOCATION DRINKING WATER AND RECLAIMED WATER SERVICES. FOR CONTRACTOR W

No. 68051

THE THE PARTY OF T

14 S. FT. HARRISON AVE. CLEARWATER, FL 33756 UTILITIES

NOTES

GENERAL

RECLAIMED WATER MAIN

Pinellas County

GOB KEG WWW

> DRAWIN REV. BY

DESIGNED

RELOCATION

SOUTH PASADENA

THE STATE OF THE S

8/15/19 2936B 03 OF

PROJECT NO. SHEET:

> August 15, 2019 Date:

K: /STP_CMM/145120 - Phesica Co. Usidise/Oi6 - South Paradena Radeimed Woter Main Relacedica/CAOO/PionSecets/GENERAL WOTES.dwg, Aug 15, 2019 - 12:Stpm

AND ABATEMENT OF EROSION AND WATER PREVENTION, CONTROL.

IT IS THE RESPONSIBILITY OF THE CONTRICTOR TO CONTRICT, AND PREPARE PROSION AND THE TRANSPORTATION OF SEDIMENT TO SURFACE DEANIS AND OUTFALLS SURVINION END APPROVED REFEAT O CONSTRUCTION MANS. DEFINIS, SPECIFICATIONS AND APPROVED PERMITS FOR DEFINIS. SEDIMENT DEPOSITS SHALL BE REALONG WHICH THEY RECALS ONE HALF THE EIGHT ON AN ENGINED BY THE BUINNERS.

2. DHENG THE CONSTRUCTION OF DRAINAGE STRUCTHES, AND OTHER APPROVIDES APPLICATIONS. AND OTHER APPROVIDES APPLICATION THE CONFIGURATION SHALL PAGE STRUCTHES AND OTHER APPROVIDES APPROVIDED SHORESTORY OF THE CONSTRUCTION AND THE INCREMENT OF THE CONSTRUCTION, AND THE INCREMENT OF THE CONSTRUCTION, AND THE APPROVIDE DESIGNATION AND THE APPROVIDE DESIGNATION AND THE APPROVIDED BENEFIT TO CONTINUE THE CONTINUE OF THE CONTINUE ASSOCIATION AND SEDIMENTATION OF THE CONTINUE ASSOCIATION STORMANTER EFFOSION AND SEDIMENTATION AND SEDIMENTATION OF THE BROINER AND REVIEWER MANUAL, LATEST EDITION OR AS DRECTED BY THE BROINERS.

3

REQUIRED EROSION CONTROL MEASURES MUST RELAIN INTACT THROUGHOUT CONSTRUCTION, FALLIET OF INSTALL OR PROPERTY MARKIN REQUIRED EFOSION CONTROL WILL RESULT IN REPORCEMENT ACTION, ALL FROM ALL DRAWAGE PRES, SAND SITH AND DEBRIES SHALL BE REMOVED FROM ALL DRAWAGE PRES, SAND STRUCTINES AFTER CONSTRUCTION HAS BEEN COMPLETED AND PRIGR TO COUNTY FINAL WALL-THROUGH. ri

THE CONTRACTOR SHALL PROVIDE AND MAINTAN SILY/TURBIDITY BARBERS TO CONTROL RESOLATOR AND EMBERS TRANS PLACE DOUBLE THE CONTROL RESOLATOR AND EMBERS THAT BE HACED IN RECOMMENDER TO FILDIGATE STRAMMEN FOR THE CONTROL RECOMMENDER TO FILDIGATE STRAMMEN STRAMMEN TO FILDIGATE STRAMMEN TO FIL

EFOSION CONTROL PLAN — ANY MODIFICATIONS TO THIS PLAN MUST BE SINKED AND SALLED FIX A PROFESSIONAL BOOKERS REPRESENTING ASSESSION OF ANY AND THE PREMITHING ASSESSION OF THIS COUNTY AND THE PREMITHING ASSESSION OF THIS COUNTY AND THE PREMITHING ASSESSION OF CONTRACT DELAYS WILL BE ALLOWED FOR SUCH MODIFICATIONS OF APPROVALS.

OUTSILL PROTECTION — RROLECT PIEC OR INCH JOSCHAGES INTO ODE-SITE OUTSILL SECURIOR DIALI TORR POSSIBLE SECURIOR OF SITE OUTSILL SECURIOR SECURIOR DIALI TORR POSSIBLE SECURIOR SECURIOR

APPROVED, DARRETS (OR THIRE APPROVED, SEDIADAT COUTROL, EDJOES) —
INEER'S SHEET OULD ERONE A SIDE WANT SUDEN WRIEE EN WASHER, END SUDEN WRIEE OF SUDEN STREAM OF SUDEN STREAM STREAM STREAM WITH TOBRIC STRAWN OF SEDIADAT CONTROL WITH TOBRIC STORMAND STREAM STREAM

STOCKPILED MATERIALS SHALL BE PROTECTED BY COVER, APPROVED BARRIERS OR OTHER APPROVED SEDIMENT CONTROL DEVICES.

all disturbed areas shall be stabilized within 3 days after k rain event disturbance. 10.

11. SEDIMENT TRAPPING MEASURES. SEDIMENT BASINS AND TRAPS, PERMETER TRANSE, THENGES, SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO THAS SEDIMENT AND/OR PERCENT THE TRANSPORT OF THAS SEDIMENT AND/OR PERCENT THE TRANSPORT OF THAS SEDIMENT AND OR PERCENT THE PROPERTIES SHALL BE INSTALLED, LONSINGUED OR, IN THE CASE OF CASE TIME DUE TO SET AND OR THE PROPERTIES PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERNATION TO THE PROPERTIES OF THE PROPERTIES OF THE PERCENT OF THE PROPERTIES OF THE PERCENT OF THE PERC

12. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY DEWATERING PREMITS FROM THE LOCAL WATER MANAGEMENT DISTRICT OR OTHER REGULATORY AGENCY.

14, WHERE PUMPS ARE TO BE USED TO REMOVE TURBID WATER FROM THE TO STATE WASHINGTON REALT. HE WITHST SHALL BE TEATED TO REDUCE THRBIDITY TO STATE WATER CLALITY STANDARDS PRIOR TO DISCHARGE TO THE WELLANDS. THE WATERWARD HE MOODS REQUEE, FOR SAMPLE. URBID WATER BRING PUMPS INTO REASESS SWALLS OR APPROPRIATE VEGETATIO AREAS (OTHER THAN USE OF MACHON PRESENT OF AREAS (OTHER THAN OF AREAS CORNING) AREA SON WELLAND BUTFRISH, SUBJECTIVE AREAS OF AREAS CORNING BY AN APPROPRIATE BUCKSURE SUCH AS THRBIDITY DATE OF AREAS CORNING BY AN APPROPRIATE BUCKSURE SUCH AS THRBIDITY DATE OF AREAS CORNING BY AN APPROPRIATE BUCKSURE SUCH AS THRBIDITY DATE OF AREAS CORNING BY AN APPROPRIATE BUCKSURE SUCH AS THRBIDITY DATE. 13. SUBMIT A DEWATERING PLAN TO THE ENGINEER FOR HIS RECORDS BEFORE BEGINNING CONSTRUCTION.

15, IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.

16. WHERE APPLICABLE, SOIL TRACKING PREVENTION DEVICES SHALL BE PROVIDED AND MAINTAINED PER PINELLAS COUNTY EROSION & SEDIMENI CONTROL, DETAILS.

THE RESIDENCE OUTING DEVELOR COMMITTIES SHOWN ON THE OB FORMS ARE ESTIMATES UP THE ACIDIC QUANTITIES. THE ACIDIC CONTINUED DRIVE ACIDICAL OUNTITIES THE CONTINUED TO SERVICE ACIDICAL OUNTITIES AND COSTS ASSOCIATED WITH THIS SPECIFIC EROSION OF DELETION FROM THE PROJUCE EROSION CONTINUED THE ACIDICAL PROJUCTION OF THE ACIDICAL SHOULD BE ACIDICAL SHOWN OF THE ACIDICAL SHOULD SHOW THE ACIDICAL SHOWN CONTINUED AND ACIDICAL SHOWN THE PART OF THE CONTINUED ACIDICAL SHOWN CONTINUED AND ACIDICAL SHOWN THE PART OF THE CONTINUED TO MEET THE SPECIFIC CONDITIONS.

18 ALL EROSION CONTROL FENCES, BARRIERS, AND SLITATION DEVICES SHALL BE RETECTED PROFINE TO ANY LIAND, ATERATORS SHALL BE MANTAINED IN GOOD WORKING ORDER DIRHING CONSTRICTION, AND REPORTS OFFLOWING SQUIL SHALL SHALL INCLUDE SLITENCES OF THE SHALL I

19. THE CONTRACTOR SHALL NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE OFFICES, FLOW WITHIN EXISTING BRAINAGE PRESS SHALL BE MANTANED AT ALL TIMES. STORAWITTER MILL BE CONVEYED FROM THE STINGH SHALLS, DITCHES, STORAWITTER MILL BOONVEYED FROM STORAW SEWERS.

There is to be no sociationer (i.e. pulminen, sheet plots, swale, Ditch, into existing difference (i.e. pulminen, sheet plots of scandar of models, if the Contractor designs to discharine into bissing uithers or canna a settling pown play prepared by the contractor wild be examined to the propagable of the exchange of the propagable of the contractor wild be recurrenced by the propagable of the contractor of the contractor of the contractor of the contractor of the propagable of the contractor of the propagable of the contractor of the contractor

21. DURNG DEWATERNG OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE REGION OF WITHER DESTING CONVERTANCES TO RECEIVED WERE WITHOUT OF RECIVED WAS A BILLY OF ADMINISTRY OF STREAM. THAN PARTICIAL DISCHARGE STATION REDUCED WERE A SHALL BUT UITED TO COLUMN. THAN SOCIAL PROPERTY OF THE DOSCHARGE REGION DEWATERNIC ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OPT-SITE STREAMS THE WAS ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OPT-SITE OCCUR.

FROM 2 22. BANKS SHALL BE PROTECTED FROM BFOSION OR COLLAPSE DURING CONSTRUCTIVEL, BANK AND INCESTION BATHERY, SHALL BE CAREFOLLY PACED FROM HE DANK AND NOT DUAPED FROM ABOVE IN AN INCONTROLLED MANNER. EXCOSION CONTINUED FROM ABOVE IN AN INCONTROLLED PROTECTION WHERE SON MILL NOT HOLD OR BECOME ESTABLISHED IN TIME I PROTECTION WHERE SON MILL NOT HOLD OR BECOME ESTABLISHED IN THE PLANS, UNIVERSIGNED AND STREAM OF CANASTRUCTION, ALL BANKS AND WHEREWAYS AND STREAM SHEET OF THE STORED FRESTORED.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING POND EITFMATION SYSTEMS FROM BEING CLOGGED UNIT PRIELLAS COUNTY DETERMINES THE CONSTRUCTION IS COMPLETE. IF FILTER MATERIAL IS CONTAMINATED, IT SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

No. 69051 No. 89051

NOTES

GENERAL

SOUTH PASADENA
RECLAIMED WATER MAIN
RELOCATION

Pinellas County

900 KEG WWW

> CHECKED RAWA

> > REY. BY

14 S. FT. HARRISON AVE., CLEARWATER, FL 33756 UTILITIES

DATE

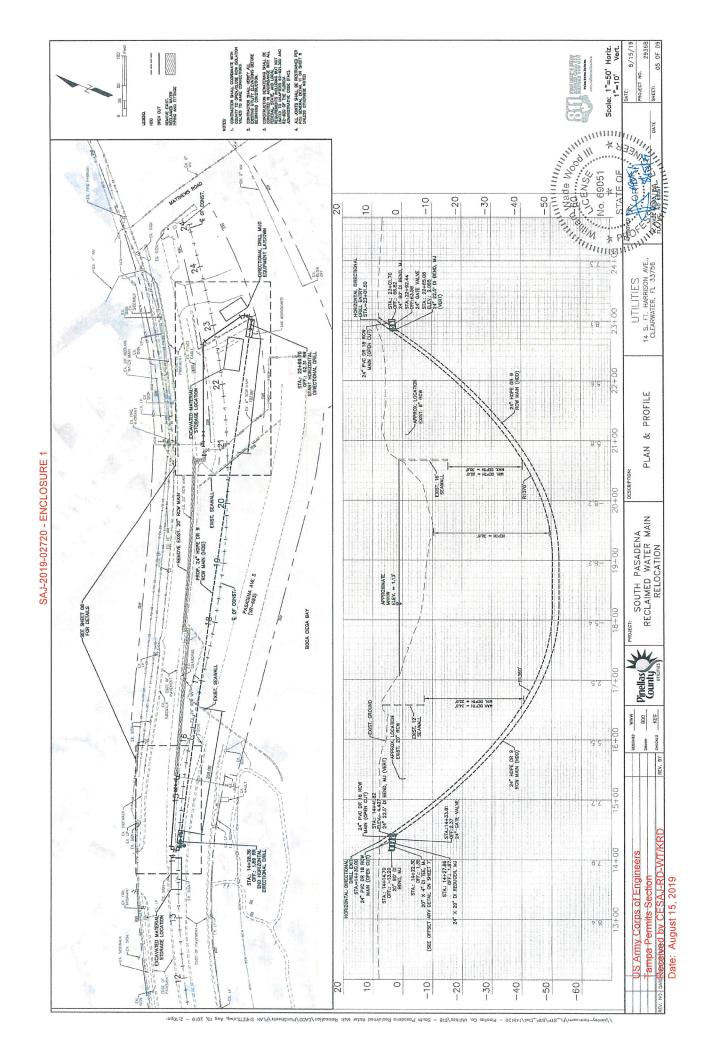
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PROJECT NO. SHEET: DATE:

04 OF

August 15, 2019

Tampa Permits Section

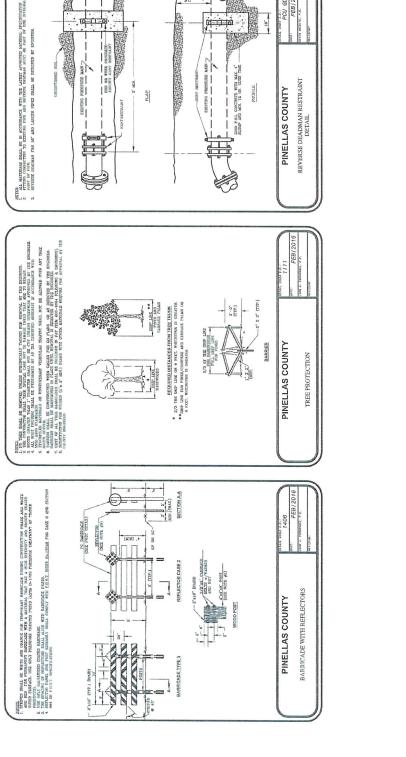


SAJ-2019-02720 - ENCLOSURE

	DATE: 8/15/2019 PROJECT NO. 29.56B SHEET: 08 OF 09
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	UTILITIES 14 S. FT. HARRISON AVE., CLEARWATER, FL. 33756
	DETAILS
	DESCRIPTION:
	PROJECT: SOUTH PASADENA RECLAIMED WATER MAIN RELOCATION
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Tampa Permits Section
NO. DATE RESIDENCE DA L-RD
Date: August 15, 2019

US Army Corps of Eng



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William Wade Willi	NA LEVOLUTION ON A LEVOLUTION OF THE PROPERTY
	UTILITIES 14 S. FI. HARRISON AVE. CLEARWATER, FL 33756
	DETAILS
	PROKET: SOUTH PASADENA RECLAIMED WATER MAIN RELOCATION
	Pinellas (County or
	US Army Corps of Engineers Tampa Permits Section In PRESENTE BY CESAJ-RD-WILKRD Date: August 15, 2019
D71041) 1102 1103 1103 110	F

EXHIBIT B

South Pasadena, St Pete Beach, & Tierra Verde Reclaimed Water 10YR Flow Averages (%)

TOTIC TOW Averages (70)						
YEAR	S.Pas*	SPB	TV (PC)			
FY11/12	13.00	51.50	35.50			
FY12/13	13.00	48.72	38.28			
FY13/14	13.00	44.20	42.80			
FY14/15	13.00	46.95	40.05			
FY15/16	13.00	49.07	37.94			
FY16/17	13.00	58.96	28.04			
FY17/18	13.00	59.32	27.68			
FY18/19	13.00	60.87	26.14			
FY19/20	13.00	58.99	28.01			
FY20/21	13.00	59.70	27.30			
FY21/22**	13.00	59.61	27.39			
Avg.Flow	13.00	54.35	32.648			

^{*} S.Pas calculated at 15% Total Flow to SPB & TV

**	Partia	I Data

\$277,849.26

\$1,161,623.64

Total Project Cost

\$697,829.10

= \$2,137,302

South Pasadena, St Pete Beach, & Tierra Verde Reclaimed Water

FY20 (Revised)

FY15 (Original)

	S. Pasadena*	St. Pete Bch	Tierra Verde
MONTH	Flow per MG	Flow per MG	Flow per MC
Oct-20	19.58	89.09	41.46
Nov-20	18.81	86.01	39.40
Dec-20	16.79	76.40	35.54
Jan-21	11.68	53.32	24.55
Feb-21	13.68	62.75	28.45
Mar-21	18.82	84.68	40.80
Apr-21	17.24	78.32	36.60
May-21	18.66	84.35	40.05
Jun-21	22.41	103.78	45.65
Jul-21	19.31	88.16	40.57
Aug-21	19.86	94.24	38.00
Sep-21	17.83	81.20	37.67
Total	214.68	982.30	448.74
MGD	0.588	2,691	1.229

	S. Pasadena*	St. Pete Bch	Tierra Verde
MONTH	Flow per MG	Flow per MG	Flow per MC
Oct-14	15.79	51.51	53.77
Nov-14	13.40	45.09	44.25
Dec-14	15.90	50.64	55.37
Jan-15	12.09	37.05	43.53
Feb-15	11.91	42.49	36.89
Mar-15	17.18	65.85	48.71
Apr-15	17.57	68.39	48.75
May-15	16.09	61.54	45.70
Jun-15	18.46	72.28	50.80
Jul-15	18.59	73.47	50.44
Aug-15	18.47	71.48	51.67
Sep-15	17.69	67.55	50.35
Total	193.14	707.34	580.23
MGD	0.529	1.938	1,590

Transmission Main Percentages					
Amendment No. 1 of					
Agreement (1993)**	30.6%	52.1%	17.3%		
Based on Actual					
Flows (FY 2020)	13.0%	59.7%	27.3%		

Transmission Main Percentages					
Amendment No. 1 of					
Agreement (1993)**	30.6%	52.1%	17.3%		
Based on Actual					
Flows (FY 2015)	13.0%	47.8%	39.2%		

St. Pete Beach	h Trunk Percentages	
Agreement (1991)	75%	25%
Based on Actual Flows (FY 2020)***	69%	31%

St. Pete Beach Trunk Percentages			
Agreement (1991)	75%	25%	
Based on Actual Flows (FY 2015)***	55%	45%	

*Reclaimed Water to South Pasadena is based on 15% of the metered flow to St. Pete Beach

**Percentages from "First Amendment to Reclaimed Water Services Agreement..." dated April 6, 1993, Section 1, page 2 of 3, filename "040693 Increase Pipeline Size"

*** Percentages derived from "Reclaimed Water Service Agreement..." dated September 24, 1991, Section 2B, page 3, filename "City of St Pete Bch, City of South Pasadena 092491"

** "First Amendment to Reclaimed Water Services Agreement..." dated April 6, 1993, Section 1, page 2 of 3, filename "040693 Increase Pipeline Size"

NCW, THEREFORE, the parties hereto agree:

1. With regard to the cost sharing on the transmission main
Paragraph 2A shall be modified to add the following:

The percentages listed below shall be applied to the cotal construction cost and first year maintenance of the transmission main from Sith Avenue North through South Pasadema up to but not including the valve on the South Pasadema site of the Intracastal Waterway:

St. Petersburg Beach 51.10
South Pasadema . 50.55
County (Tierra Verda) . 17.37

*** "Reclaimed Water Services Agreement..." dated September 24, 1991, Section 2B, page 3, filename "City of St Pete Bch, City of South Pasadena 092491"

- 2. A. St. Petersburg Beach shall have primary responsibility for the design, construction and maintenance of the Transmission System. The County, St. Petersburg Beach and South Panadems shall share ownership as tenants in common and share the costs for planning, dastyn, construction, operations, maintenance and renewals and replacement of the Transmission System on the basis of their cospective system capacity commitments. The Transmission System capacity commitments shall be: County 500,000 yallors per day; St. Petersburg Beach 1,500,000 gallors per day; South Panadems 500,000 gallors per day.
 - 8. St. Petersburg Beach shall own and have primary responsibility for the design, construction and maintenance of the St. Petersburg Beach Trunk. The Country and St. Retersburg search small Sware the coats for planning, design, constitution, operations, assistenance and remevals and replacement of the St. Petersburg Beach Trunk on the basis of their respective compactly commitments. The St. Petersburg Beach Trunk capacity commitments shall bes County -500.000 gallons per day; St. Petersburg Beach - 1,500,000 gallons per day;

WHOLESALE REUSE FLOW READINGS FY 2021/2022

		SPB 570 MTR#14886385	TIERRA VERDE MTR# 07W017045	BILLING
OCT 21	10/29 9/30	1774163 1648364 125799	1603423 	125.79 -40.39 85.40
NOV 21	11/30 10/29	1907185 1774163 133022	1645714 1603423 42291	133.02 -42.29 90.73
DEC 21 Annual avg due			1683373 	119.51 37.65
JAN 22	et to zero 1/7/22.*	85667	37659 1720134	81.86 120.14
Annual avg due Rese	12/30 to totalizer issue. It to zero 1/7/22.*		<u>1683373</u> 36761	<u>-36.76</u> 83.38
FEB 22	2/28 1/31	-		- 0.00
MAR 22	3/31 2/28			- 0.00
APR 22	4/29 3/31			- 0.00
MAY 22	5/31 4/29			- 0.00
JUN 22	6/30 5/31			- 0.00
JUL 22	7/29 6/30			- 0.00
AUG 22	8/31 7/29			- 0.00
SEP 22	9/30 8/31			- 0.00

WHOLESALE REUSE FLOW READINGS FY 2020/2021

		SPB 570 MTR#14886		TIERRA VERDE MTR# 07W017045	BILLING
OCT 20	10/30 9/30	347645 217090 130555		1162109 1120649 41460	130.55 -41.46 89.09
NOV 20	11/30 10/30	473063 347645 125418		1201509 1162109 39400	125.41 -39.40 86.01
DEC 20	12/31 11/30	585008 473063 111945		1237050 1201509 35541	111.94 -35.54 76.40
JAN 21	1/29 12/31 Shut off & line break.*	662878 585008 77870		1261600 1237050 24550	77.87 -24.55 53.32
FEB 21	2/26 1/29	754083 662878 91205		1290050 1261600 28450	91.20 -28.45 62.75
MAR 21	3/31 2/26	879564 754083 125481		1330851 1290050 40801	125.48 -40.80 84.68
APR 21	4/30 3/31	994485 879564 114921		1367451 1330851 36600	114.92 -36.60 78.32
MAY 21	5/31 4/30	1118890 994485 124405		1407507 1367451 40056	124.40 -40.05 84.35
JUN 21	6/30 5/31	1268324 1118890 149434		1453161 1407507 45654	149.43 -45.65 103.78
JUL 21	7/30 6/30	1397060 1268324 128736		1493738 1453161 40577	128.73 -40.57 88.16
AUG 21	8/31 7/30	1529490 1397060 132430	Annual avg due to power loss.*	1525353 1493738 38002	132.24 -38.00 94.24
SEP 21	9/30 8/31	1648364 1529490 118874		1563025 1525353 37672	118.87 -37.67 81.20

WHOLESALE REUSE FLOW READINGS FY 2019/2020

		SPB 570 MTR#14886385	TIERRA VERDE MTR# 07W017045	BILLING
SEP 19	9/30 8/31	748662 605738 142924	632809 586492 46317	142.92 -46.31 96.61
OCT 19	10/31 9/30	895237 <u>748662</u> 146575	679533 632809 46724	146.57 -46.72 99.85
NOV 19	11/29 10/31	1016378 <u>895237</u> 121141	718518 <u>679533</u> 38985	121.14 -38.98 82.16
DEC 19	12/31 11/29	1133401 1016378 117023	757056 <u>718518</u> 38538	117.02 -38.53 78.49
JAN 20	1/31 12/31	1246562 1133401 113161	795220 <u>757056</u> 38164	113.16 -38.16 75.00
FEB 20	2/28 1/31	1348457 1246562 101895	829639 <u>795220</u> 34419	101.89 -34.41 67.48
MAR 20	3/31 2/28	1481163 <u>1348457</u> 132706	873314 <u>829639</u> 43675	132.70 -43.67 89.03
APR 20	4/30 3/31	1608307 	913066 <u>873314</u> 39752	127.14 -39.75 87.39
MAY 20	5/29 4/30	1737110 1608307 128803	954524 <u>913066</u> 41458	128.80 -41.45 87.35
JUN 20	6/30 5/29	1878333 <u>1737110</u> 141223	1000248 <u>954524</u> 45724	141.22 -45.72 95.50
JUL 20 Annual avg due to m	7/31 6/30 tr reset 8/11/20	2001000 1878333 .* 127709	1037715 1000248 37467	127.70 -37.46 90.24
AUG 20 Annual avg due to m	8/31 7/31 tr reset 8/11/20	92698 2001000 .* 126439	1081692 1037715 43977	126.43 -43.97 82.46
SEP 20	9/30 8/31	217090 92698 124392	1120649 1081692 38957	124.39 -38.95 85.44

WHOLESALE REUSE FLOW READINGS FY 2018/2019

	* Meter cha	SPB 570 MTR#14886	385 old # 1664054	TIERRA VERDE MTR# 07W017045 * Meter change 10/05/18 and #	BILLING
	Weter Cria	irige 04/09/19,	Olu # 1004004	* Meter change 10/05/18, old #	3K0250U20.
OCT 18	10/31 9/28	5625855 10 5489072	/05 #07W017045 beginning read 10/05 #3K6256026 final read	217759 180875 5634001 5628164	136.78
	0/20	136783		42721	<u>-42.72</u> 94.06
NOV 18	11/30 10/31	5754524 5625855		259762 217759	128.66 -42.00
		128669		42003	86.66
DEC 18	12/28 11/30	5843730 5754524		287109	89.20
	11/30	89206		<u>259762</u> 27347	<u>-27.34</u> 61.86
JAN 19	1/31 12/28	5904465 5843730		323237 287109	124.81
Annual avg d	ue to mtr malf *			36128	<u>-36.12</u> 88.69
FEB 19	2/28	5993892		352848	124.98
Annual avg d	1/31 ue to mtr malf *	<u>5904465</u> 124982		<u>323237</u> 29611	<u>-29.61</u> 95.37
MAR 19	3/31	6055506		382580	126.32
Annual avg d	2/28 lue to mtr malf*	5993892 126324		<u>352848</u> 29732	<u>-29.73</u> 96.59
APR 19	4/30	83113		426059	126.29
Annual avg, final		<u>6055506</u> 126291		382580 43479	<u>-43.47</u> 82.82
04/09 #1486 MAY 19	86385 read @ 0. 5/31	216752		465088	133.63
	4/30	83113		426059	-39.02
		133639		39029	94.61
JUN 19	6/30 5/31	345822 216752		504849 465088	129.07
	0/01	129070		39761	<u>-39.76</u> 89.31
JUL 19	7/31 6/30	488769 345822		547210 504849	142.94
	5,00	142947		42361	<u>-42.36</u> 100.58
AUG 19	8/31 7/31	605738		586492	116.96
	1101	488769 116969		<u>547210</u> 39282	-39.28 77.68
SEP 19	9/30	748662		632809	142.92
	8/31	605738 142924	-	586492 46317	<u>-46.31</u> 96.61

WHOLESALE REUSE FLOW READINGS FY 2017/2018

		SPB 570 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 17	10/31	4081235	5180165	141.57
	9/30	3939663	5135085	-45.08
		141572	45080	96.49
NOV 17	11/30	4221296	5224164	140.06
	10/31	4081235	5180165	43.99
		140061	43999	96.07
DEC 17	12/30 11/30	4345969 4221296	5263976	124.67
	11/30	124673	5224164	-39.81
		124073	39812	84.86
JAN 18	1/31	4468754	5304136	122.78
	12/30	4345969	5263976	40.16
		122785	40160	82.62
FEB 18	2/28	4577632	5338468	108.87
	1/31	4468754	5304136	-34.33
		108878	34332	74.54
MAR 18	3/31	4704352	5378205	126.72
	2/28	4577632	5338468	-39.73
		126720	39737	86.99
APR 18	4/28	4837148	5419577	132.79
	3/31	4704352	5378205	-41.37
		132796	41372	91.42
MAY 18	5/31	4963463	5458724	126.31
	4/28	4837148	5419577	-39.14
		126315	39147	87.17
JUN 18	6/30	5088083	5499155	124.62
	5/31	4963463	5458724	-40.43
		124620	40431	84.19
JUL 18	7/31	5229389	5544244	141.30
	6/30	5088083	5499155	-45.08
		141306	45089	96.22
AUG 18	8/31	5364476	5587938	135.08
	7/31	5229389	5544244	-43.69
		135087	43694	91.39
SEP 18	9/29	5489072	5628164	124.59
	8/31	5364476	5587938	-40.22
		124596	40226	84.37

WHOLESALE REUSE FLOW READINGS FY 2016/2017

		SPB 570 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 16	10/31 9/30	2427186 2317787 109399	4659092 4614703 44389	109.39 -44.38 65.01
NOV 16	11/30 10/31	2571592 2427186 144406	4702861 <u>4659092</u> 43769	144.40 -43.76 100.64
DEC 16	12/30 11/30	2705938 2571592 134346	4744675 4702861 41814	134.34 -41.81 92.53
JAN 17	1/31 12/30	2843786 2705938 137848	4788653 4744675 43978	137.84 43.97 93.87
FEB 17	2/28 1/31	2959132 2843786 115346	4825582 4788653 36929	115.34 -36.92 78.42
MAR 17	3/31 2/28	3096839 2959132 137707	4868558 4825582 42976	137.70 -42.97 94.73
APR 17	4/28 3/31	3227040 3096839 130201	4906735 4868558 38177	130.20 -38.17 92.03
MAY 17	5/31 4/28	3389837 3227040 162797	4957859 4906735 51124	162.79 -51.12 111.67
JUN 17	6/30 5/31	3521989 3389837 132152	5000989 <u>4957859</u> 43130	132.15 -43.13 89.02
JUL 17	7/31 6/30	3670029 3521989 148040	5048753 5000989 47764	148.04 -47.76 100.28
AUG 17	8/31 7/31	3818138 3670029 148109	5095493 5048753 46740	148.10 -46.74 101.36
SEP 17	9/29 8/31	3939663 3818138 121525	5135085 5095493 39592	121.52 -39.59 81.93

WHOLESALE REUSE FLOW READINGS FY 2015/2016

		SPB 550 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 15	10/30 9/30	1018361 <u>894623</u> 123738	4049423 <u>3996721</u> 52702	123.73 <u>-52.70</u> 71.03
NOV 15	11/30 10/30	1142379 <u>1018361</u> 124018	4103188 <u>4049423</u> 53765	124.01 <u>-53.76</u> 70.25
DEC 15	12/31 11/30	1261539 <u>1142379</u> 119160	4154704 <u>4103188</u> 51516	119.16 <u>-51.51</u> 67.65
JAN 16	1/29 12/31	1350605 <u>1261539</u> 89066	4196141 <u>4154704</u> 41437	89.06 <u>-41.43</u> 47.63
FEB 16	2/29 1/29	1441677 <u>1350605</u> 91072	4237418 <u>4196141</u> 41277	91.07 <u>-41.27</u> 49.80
MAR 16	3/31 2/29	1538982 <u>1441677</u> 97305	4280206 <u>4237418</u> 42788	97.30 <u>-42.78</u> 54.52
APR 16	4/29 3/31	1640520 <u>1538982</u> 101538	4324581 <u>4280206</u> 44375	101.53 <u>-44.37</u> 57.16
MAY 16	5/31 4/29	1772765 <u>1640520</u> 132245	4382690 <u>4324581</u> 58109	132.24 <u>-58.10</u> 74.14
JUN 16	6/30 5/31	1894858 <u>1772765</u> 122093	4437997 <u>4382690</u> 55307	122.09 <u>-55.30</u> 66.79
JUL 16	7/29 6/30	2041364 <u>1894858</u> 146506	4499705 <u>4437997</u> 61708	146.50 <u>61.70</u> 84.80
AUG 16	8/31 7 /29	2193373 2041364 152009	4562400 4499705 62695	152.00 <u>62.69</u> 89.31
SEP 16	9/30 8/31	2317787 2193373 124414	4614703 4562400 52303	124.41 <u>52.30</u> 72.11

WHOLESALE REUSE FLOW READINGS FY 2014/2015

		SPB 550 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 14	10/31 9/30	5639223 <u>5533950</u> 105273	3470258 <u>3416492</u> 53766	105.27 <u>-53.76</u> 51.51
NOV 14	11/26 10/31	5728564 <u>5639223</u> 89341	3514508 <u>3470258</u> 44250	89.34 <u>-44.25</u> 45.09
DEC 14	12/31 11/26	5834578 <u>5728564</u> 106014	3569882 <u>3514508</u> 55374	106.01 <u>-55.37</u> 50.64
JAN 15	1/30 12/31	5915155 <u>5834578</u> 80577	3613411 <u>3569882</u> 43529	80.57 <u>-43.52</u> 37.05
FEB 15	2/26 1/30	0 / 67624 <u>5915155</u> 67624 79384 Estimate	3650301 <u>3613411</u> 36890 d	79.38 <u>-36.89</u> 42.49
MAR 15	3/31 2/26	182187 <u>67624</u> 114563	3699011 <u>3650301</u> 48710	114.56 <u>-48.71</u> 65.85
APR 15	4/29 3/31	299332 <u>182187</u> 117145	3747763 <u>3699011</u> 48752	117.14 <u>-48.75</u> 68.39
MAY 15	5/29 4/29	406578 <u>299332</u> 107246	3793466 <u>3747763</u> 45703	107.24 <u>-45.70</u> 61.54
JUN 15	6/30 5/29	529664 <u>406578</u> 123086	3844269 <u>3793466</u> 50803	123.08 <u>-50.80</u> 72.28
JUL 15	7/31 6/30	653572 <u>529664</u> 123908	3894705 <u>3844269</u> 50436	123.90 <u>-50.43</u> 73.47
AUG 15	8/31 7/31	776717 <u>653572</u> 123145	3946370 <u>3894705</u> 51665	123.14 <u>-51.66</u> 71.48
SEP 15	9/30 8/31	894623 <u>776717</u> 117906	3996721 <u>3946370</u> 50351	117.90 <u>-50.35</u> 67.55
*Feb '15 SPB	cons estimate	ed based on daily ava de	up to mater malfunction. Now register eta	rtod at 0 2/4/15

^{*}Feb '15 SPB cons estimated based on daily avg due to meter malfunction. New register started at 0 2/4/15.

WHOLESALE REUSE FLOW READINGS FY 2013/2014

		SPB 550 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 13	10/31 9/30	4485759 <u>4372614</u> 113145	2902454 <u>2848505</u> 53949	113.14 <u>-53.94</u> 59.20
NOV 13	11/27 10/31	4578463 <u>4485759</u> 92704	2946780 <u>2902454</u> 44326	92.70 <u>-44.32</u> 48.38
DEC 13	12/31 11/27	4683814 <u>4578463</u> 105351	2998053 <u>2946780</u> 51273	105.35 <u>-51.27</u> 54.08
JAN 14	1/31 12/31	4763321 <u>4683814</u> 79507	3039951 <u>2998053</u> 41898	79.50 <u>-41.89</u> 37.61
FEB 14	2/28 1/31	4833195 <u>4763321</u> 69874	3076558 <u>3039951</u> 36607	69.87 <u>-36.60</u> 33.27
MAR 14	3/31 2/28	4912670 <u>4833195</u> 79475	3117009 <u>3076558</u> 40451	79.47 <u>-40.45</u> 39.02
APR 14	4/29 3/31	4994687 <u>4912670</u> 82017	3159118 <u>3117009</u> 42109	82.01 <u>-42.10</u> 39.91
MAY 14	5/30 4/30	5099169 <u>4994687</u> 104482	3209519 <u>3159118</u> 50401	104.48 <u>-50.40</u> 54.08
JUN 14	6/30 5/30	5208126 5099169 108957	3260273 <u>3209519</u> 50754	108.95 <u>-50.75</u> 58.20
JUL 14	7/31 6/30	5314698 <u>5208126</u> 106572	3310753 <u>3260273</u> 50480	106.57 <u>-50.48</u> 56.09
AUG 14	8/29 7/31	5424438 <u>5314698</u> 109740	3362115 <u>3310753</u> 51362	109.74 <u>-51.36</u> 58.38
SEP 14	9/30 8/29	5533950 <u>5424438</u> 109512	3416492 <u>3362115</u> 54377	109.51 <u>-54.37</u> 55.14

WHOLESALE REUSE FLOW READINGS FY 2012/2013

		SPB 550 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 12	10/31 9/28	3160337 <u>3016923</u> 143414	2311250 <u>2255654</u> 55596	143.41 <u>-55.59</u> 87.82
NOV 12	11/30 10/31	3288439 <u>3160337</u> 128102	2361165 <u>2311250</u> 49915	128.10 <u>-49.91</u> 78.19
DEC 12	12/28 11/30	3397485 <u>3288439</u> 109046	2404660 <u>2361165</u> 43495	109.04 <u>43.49</u> 65.55
JAN 13	1/31 12/28	3520044 <u>3397485</u> 122559	2456214 <u>2404660</u> 51554	122.55 <u>-51.55</u> 71.00
FEB 13	2/28 1/31	3625415 <u>3520044</u> 105371	2498626 <u>2456214</u> 42412	105.37 <u>-42.41</u> 62.96
MAR 13	3/29	3732191 <u>3625415</u> 106776	2542989 <u>2498626</u> 44363	106.77 <u>-44.36</u> 62.41
APR 13	4/30	3837289 <u>3732191</u> 105098	2591700 <u>2542989</u> 48711	105.09 <u>-48.71</u> 56.38
MAY 13	5/31	3955646 <u>3837289</u> 118357	2645973 <u>2591700</u> 54273	118.35 <u>-54.27</u> 64.08
JUN 13	6/28	4061204 <u>3955646</u> 105558	2695025 <u>2645973</u> 49052	105.55 <u>-49.05</u> 56.50
JUL 13	7/31	4166798 <u>4061204</u> 105594	2747260 <u>2695025</u> 52235	105.59 <u>-52.23</u> 53.36
AUG 13	8/30	4272272 <u>4166798</u> 105474	2798067 <u>2747260</u> 50807	105.47 <u>-50.80</u> 54.67
SEP 13	9/30	4372614 <u>4272272</u> 100342	2848505 <u>2798067</u> 50438	100.34 <u>-50.43</u> 49.91

WHOLESALE REUSE FLOW READINGS FY 2011/2012

		SPB 550 MTR#1664054	TIERRA VERDE MTR# 3K6256026	BILLING
OCT 11	10/31 09/30	1733805 <u>1596193</u> 137612	1717112 <u>1660022</u> 57090	137.61 <u>-57.09</u> 80.52
NOV 11	11/30 10/31	1858080 <u>1733805</u> 124275	1769747 <u>1717112</u> 52635	124.27 <u>-52.63</u> 71.64
DEC 11	12/30 11/30	1974941 <u>1858080</u> 116861	1819736 <u>1769747</u> 49989	116.86 <u>-49.98</u> 66.88
JAN 12	01/31 12/30	2092047 <u>1974941</u> 117106	1869990 <u>1819736</u> 50254	117.10 -50.25 66.85
FEB 12	02/29 01/31	2147944 <u>2092047</u> 55897 97759 *Estir	1912608 <u>1869990</u> 42618 nated	97.75 <u>-42.61</u> 55.14
MAR 12	03/30 02/29	2276091 <u>2147944</u> 128147	1963733 <u>1912608</u> 51125	128.14 - <u>51.12</u> 77.02
APR 12	04/30 03/30	2403991 <u>2276091</u> 127900	2014480 <u>1963733</u> 50747	127.90 <u>-50.74</u> 77.16
MAY 12	05/31 04/30	2533618 <u>2403991</u> 129627	2065408 <u>2014480</u> 50928	129.62 <u>-50.92</u> 78.70
JUN 12	06/29 05/31	2648618 <u>2533618</u> 115000	2108659 <u>2065408</u> 43251	115.00 <u>-43.25</u> 71.75
JUL 12	07/31 06/29	2771868 <u>2648618</u> 123250	2157700 <u>2108659</u> 49041	123.25 <u>-49.04</u> 74.21
AUG 12	8/31 07/31	2900014 <u>2771868</u> 128146	2208527 <u>2157700</u> 50827	128.14 <u>-50.82</u> 77.32
SEP 12	9/28 8/31	3016923 <u>2900014</u> 116909	2255654 <u>2208527</u> 47127	116.90 <u>-47.12</u> 69.78

^{*}Feb '12 SPB cons estimated based on daily avg due to meter malfunction and 2 days svc outage 2/23-2/25/12.