THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT Florida

RECEIVED
OCT 01 2019
CITY OF FORT PIERCE
PLANNING & ZONING

DEVELOPMENT REVIEW

Property address or Location 4201 S. 25th ST.

Parcel ID #(s)

Project description

MARK NICHOLAS / TIFFANY RINK
Property Owner(s)
701 SE HIDDEN RIVER DR.
Street Address
PORT ST. LUCIE FL. 34983
City State Zip
727 463 3800
Phone Number
REDLIONCORP1@gmail.com
Email Address

Applicant/Representative, Title, Company

Street Address

City State Zip

Phone Number

Email Address

Property Owner(s) Acknowledgements: *- This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Applicant (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein. The undersigned consents to inspection and photographing of the subject property by the Planning staff for purposes of consideration of this Application and/or presentation to the Planning Board and City Commission.*

Property Owner(s) Signature(s)

STATE OF FLORIDA -- COUNTY

The foregoing instrument was acknowledged before me this 1 day of Oct, 20 19, by Mark Nicholas who is personally known to me or has produced DL FL as identification.

Signature of Notary

(seal)

Notary Public State of Florida
Shanna Gorby
My Commission GG 342283
Expires 06/06/2023

INTAKE MEETINGS ARE REQUIRED FOR ALL SUBMITTALS. CALL (772) 467-3729

TO BE COMPLETED BY STAFF

Zoning	Future Land Use	Total Acres	Historic District	Historic Designation
				Contributing Individual Non-Contributing None

Pre-Application Meeting Date

Fees Control # B. Permit #

Intake Planner

Planner Assigned

Approved By Date

Comments

Intake Date Stamp

❑ DEVELOPMENT REVIEW

General Information

- ❑ Incomplete application packets cannot be accepted.
- ❑ Site Plan approval is valid for one (1) year following City Commission approval. In order to maintain site plan approval, vertical improvements, permitted by the Building Department must commence prior to the 12-month expiration date, and building permits must be maintained until site plan is completed, per plans, or approval shall lapse.

Choose Application Type:

Application Type		
❑ Site Plan	❑ Conditional Use with New Const.	❑ Major Amendment
❑ Conceptual Development Plan		❑ Minor Amendment

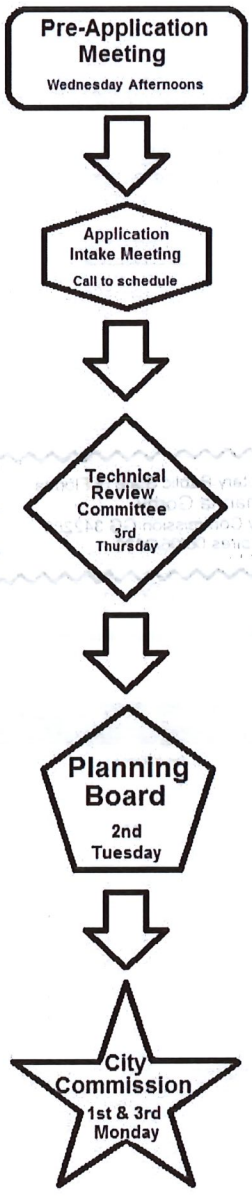
Site Information:

Non-Residential: Proposed Sq. Ft.: _____ Residential: Proposed Units: _____

Surrounding Uses: *(i.e. single family home, retail, industrial, etc.)*

North	South	East	West

Application Outlook



Site Plan submittal requirements:

Submit one (1) original & thirteen (13) hard copies and one (1) CD of the following. Additional copies will be required of subsequent submittals.

- ❑ Complete notarized application
- ❑ Warranty Deed
- ❑ SLC Property Record Card
- ❑ Statements of ownership & control of proposed development. Statement describing in detail: character & intended use.
- ❑ General location map (see Section 22-58.d.2)
- ❑ Survey (see Section 22-58.d.3)
- ❑ Site Plan (see Section 22-58.d.4)
- ❑ Landscaping Plan (see Section 22-187)
- ❑ Storm Drainage Plan (see Section 22-58.d.6)
- ❑ Environmental Impact Report
- ❑ Beach/Dune System protection plan, if applicable (see Section 22-58.d.7)
- ❑ Lighting Plan (see Section 22-58.d.8)
- ❑ Design Review submittals (see Design Review application)
- ❑ Traffic Impact Report
- ❑ Concurrency Review submittals (see Concurrency Review application)

THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT Florida

Design Review

Property address or Location 4201 S. 25th ST.
Parcel ID #(s) _____
Project Description _____

MARK NICHOLAS / TIFFANY RINK	
Property Owner(s)	Applicant/Representative, Title, Company
901 SE HIDDEN RIVER	
Street Address	Street Address
PORT ST. LUCIE FL. 34983	
City State Zip	City State Zip
727 463 3800	
Phone Number	Phone Number
redlinecorp1@gmail.com	
Email Address	Email Address

Property Owner(s) Acknowledgements: *- This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Application (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein.*

M. M
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Mark Nicholas who is personally known to me or has produced
DL FL as identification.

Shanna Gorby
Signature of Notary

Notary Public State of Florida
Shanna Gorby
My Commission GG 342283
Expires 06/06/2023
(Seal)

TO BE COMPLETED BY STAFF

Zoning	Future Land Use	Total Acres	Historic Districts	Historic Designation

Pre-Application Meeting Date _____ Fees _____ Control # _____ B. Permit _____
Intake Planner _____
Planner Assigned _____
Approved _____ Date _____
Comments _____

Intake Date Stamp

Design Review Application Checklist
(City Code of Ordinances 22-59)

Submittal for Administrative Approval

a. A survey (1" = 30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of section 22-194, location of bordering streets and, if applicable, wetlands and beaches.
b. A site analysis study to include a discussion of specimen trees and other natural vegetation, access, significant topography, wetlands, buffers, setbacks, views, orientation, the surrounding built environment and other site features that may influence design elements.
c. A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis study results.
d. Context photographs of neighboring uses and architectural styles.
e. Photographs and/or drawings of architectural buildings or objects that serve as a precedent for the proposed building design. Models should be taken from local exemplary buildings, either existing or demolished. Documentation of such buildings is available in the city's planning department.
f. Photographs of all existing structures located on the property. If existing structures on the property are more than fifty (50) years of age, documentation of these structures with data from the Florida Master Site File form is also required.
g. Conceptual site plan (to scale) showing proposed location of all buildings, structures, parking areas, signs and landscaping.
h. Landscape plan, at the same scale as the site plan. The planning director or designee may request enlarged plans of detailed planting areas. Planting schedule with sizes of proposed plantings must be included.
i. Accurate color rendering of proposed signs showing dimensions, type of lettering, materials and actual color samples that demonstrates cohesiveness with the project design.
j. Exterior elevations showing architectural character, external architectural features and streetscape of the proposed development, including materials, colors, shadow lines and landscaping. The street elevation shall encompass the entire proposed project and generally identify the major elements of the adjacent two (2) properties on either side of the site. If the adjacent properties are vacant or underutilized, a diagram shall be provided that identifies the mass and form that is allowable under current zoning. If the street elevation must be drawn at such a scale as to render architectural details of the building unreadable, drawings of individual buildings at a larger scale should be provided as well.
k. Design review concurrent with conceptual development plan procedure according to subsection 22-58(e) is also available.

Submittal for Board Approval

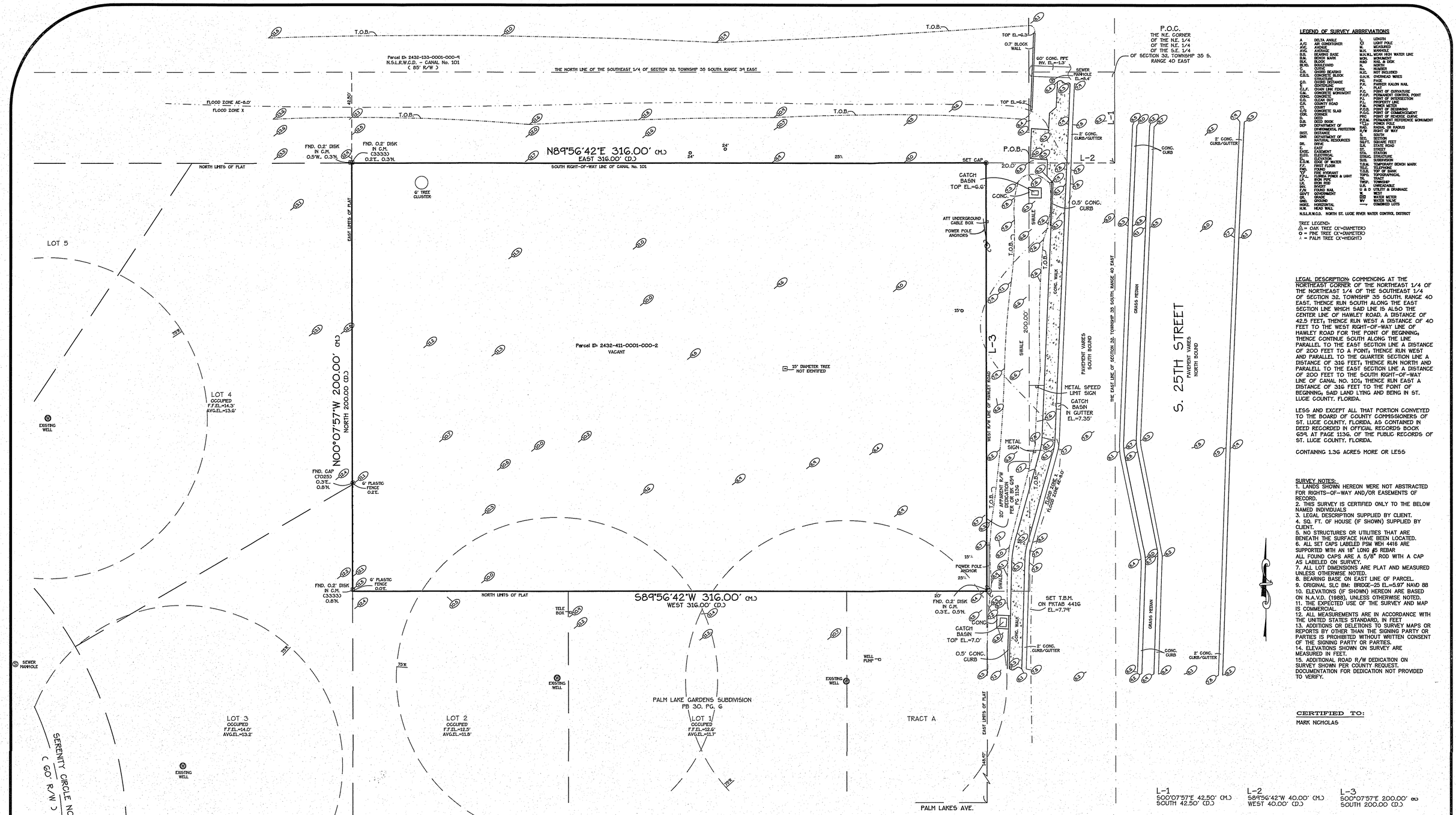
a. A written narrative describing how the project conforms to administrative approval and design review guidelines of this section.
b. A final site plan meeting the requirements of section 22-58
c. A final site lighting plan that meets the requirements of subsection 22-58(d)(8).
d. A final landscape plan that meets the requirements of Article XII, Landscaping and Trees.
e. Final floor plans and elevation drawings (1/8" = 1'-0" minimum scale), as detailed under administrative approval, showing exterior building materials and colors with architectural sections and details to adequately describe the project.
f. A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

Statement of Intended Use

Date: September 2019

Re: 4201 S. 25th Street, Ft Pierce FL 34981

The intended use of this building will be a 42 unit assisted living facility. In this facility staff memebers will assist seniors with day to day socialization and activities of daily living.



LEGEND OF SURVEY ABBREVIATIONS

A	DELTA ANGLE	L	LENGTH
A/C	AIR CONDITIONER	LT	LIGHT POLE
AVG.	AVERAGE	M	MEASURED
B.S.	BEARING BASE	M.H.	MANHOLE
B.M.	BENCH MARK	M.H.W.L.	MEAN HIGH WATER LINE
BLK.	BLOCK	MON.	MONUMENT
BLVD.	BOULEVARD	N&D	NAIL & DISK
C	CURVE	N.	NORTH
Ch.	CHORD BEARING	NO.	NUMBER
C.B.S.	CONCRETE BLOCK STRUCTURE	N.I.D.	NOT INCLUDED
CD.	CHORD DISTANCE	O.H.W.	OVERHEAD WIRES
CM.	CONCRETE MONUMENT	PG.	PAGE
C.L.F.	CHAIN LINK FENCE	P.K.	PARKER KALON NAIL
C.M.	CONCRETE MONUMENT	PLAT	PLAT
CONC.	CONCRETE	P.C.	POINT OF CURVATURE
C.O.	CLEAN OUT	P.C.P.	PERMANENT CONTROL POINT
CR.	COUNTY ROAD	P.I.	POINT OF INTERSECTION
CT.	COURT	P.L.	PROPERTY LINE
C.B.S.	CONCRETE SLAB	P.O.B.	POINT OF BEGINNING
CORR.	CORNER	P.O.C.	POINT OF COMMENCEMENT
D.	DEED	PRC	POINT OF REVERSE CURVE
D.B.	DEED BOOK	P.R.M.	PERMANENT REFERENCE MONUMENT
DEP	DEPARTMENT OF ENVIRONMENTAL PROTECTION	PT.	POINT OF TANGENCY
DIST.	DISTANCE	RAD.	RADIUS OR RADIUS
DNR	DEPARTMENT OF NATURAL RESOURCES	R/W	RIGHT OF WAY
DR.	DRIVE	S.	SOUTH
E.	EAST	SEC.	SECTION
EASE.	EASEMENT	SQ.FT.	SQUARE FEET
ELEC.	ELECTRICAL	S.R.	STATE ROAD
EL.	ELEVATION	ST.	STREET
F.H.	FIRE HOUSE	STRUC.	STRUCTURE
F.F.EL.	FINISH FLOOR ELEVATION	SUBD.	SUBDIVISION
F.H.	FIRE HYDRANT	T.B.M.	TEMPORARY BENCH MARK
F.P.L.	FLORIDA POWER & LIGHT	TELE.	TELEPHONE
I.P.	IRON PIPE	T.O.B.	TOP OF BANK
I.R.	IRON ROD	TOPO.	TOPOGRAPHICAL
I.R.C.	IRON ROD & CAP	TR.	TRACT
P.K.	PARKER KALON NAIL	U.E.	UNDERGROUND
PVM.	PAVEMENT	U.N.D.	UNREADABLE
FD.	FOUND	U & D	UTILITY & DRAINAGE
GOV'T	GOVERNMENT	W.	WEST
GR.	GRADE	WM	WATER METER
GND.	GROUND	WV	WATER VALVE
HORIZ.	HORIZONTAL	———	COMBINED LOTS
H.W.	HEAD WALL		

N.S.L.R.W.C.D. NORTH ST. LUCIE RIVER WATER CONTROL DISTRICT

TREE LEGEND:
△ = OAK TREE (X"=DIAMETER)
○ = PINE TREE (X"=DIAMETER)
⋏ = PALM TREE (X'=HEIGHT)

LEGAL DESCRIPTION: COMMENCING AT THE NORTHEAST CORNER OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, THENCE RUN SOUTH ALONG THE EAST SECTION LINE WHICH SAID LINE IS ALSO THE CENTER LINE OF HAWLEY ROAD, A DISTANCE OF 42.5 FEET; THENCE RUN WEST A DISTANCE OF 40 FEET TO THE WEST RIGHT-OF-WAY LINE OF HAWLEY ROAD FOR THE POINT OF BEGINNING; THENCE CONTINUE SOUTH ALONG THE LINE PARALLEL TO THE EAST SECTION LINE A DISTANCE OF 200 FEET TO A POINT; THENCE RUN WEST AND PARALLEL TO THE QUARTER SECTION LINE A DISTANCE OF 316 FEET; THENCE RUN NORTH AND PARALELL TO THE EAST SECTION LINE A DISTANCE OF 200 FEET TO THE SOUTH RIGHT-OF-WAY LINE OF CANAL NO. 101; THENCE RUN EAST A DISTANCE OF 316 FEET TO THE POINT OF BEGINNING; SAID LAND LYING AND BEING IN ST. LUCIE COUNTY, FLORIDA.

LESS AND EXCEPT ALL THAT PORTION CONVEYED TO THE BOARD OF COUNTY COMMISSIONERS OF ST. LUCIE COUNTY, FLORIDA, AS CONTAINED IN DEED RECORDED IN OFFICIAL RECORDS BOOK 659, AT PAGE 1136, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA.

CONTAINING 1.36 ACRES MORE OR LESS

SURVEY NOTES:
1. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS-OF-WAY AND/OR EASEMENTS OF RECORD.
2. THIS SURVEY IS CERTIFIED ONLY TO THE BELOW NAMED INDIVIDUALS
3. LEGAL DESCRIPTION SUPPLIED BY CLIENT.
4. SQ. FT. OF HOUSE (IF SHOWN) SUPPLIED BY CLIENT.
5. NO STRUCTURES OR UTILITIES THAT ARE BENEATH THE SURFACE HAVE BEEN LOCATED.
6. ALL SET CAPS LABELED PSM WEH 4416 ARE SUPPORTED WITH AN 18" LONG #5 REBAR ALL FOUND CAPS ARE A 5/8" ROD WITH A CAP AS LABELED ON SURVEY.
7. ALL LOT DIMENSIONS ARE PLAT AND MEASURED UNLESS OTHERWISE NOTED
8. BEARING BASE ON EAST LINE OF PARCEL.
9. ORIGINAL SLC BM: BRIDGE-25 EL.=5.97' NAVD 88
10. ELEVATIONS (IF SHOWN) HEREON ARE BASED ON N.A.V.D. (1988), UNLESS OTHERWISE NOTED.
11. THE EXPECTED USE OF THE SURVEY AND MAP IS COMMERCIAL.
12. ALL MEASUREMENTS ARE IN ACCORDANCE WITH THE UNITED STATES STANDARD, IN FEET
13. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
14. ELEVATIONS SHOWN ON SURVEY ARE MEASURED IN FEET.
15. ADDITIONAL ROAD R/W DEDICATION ON SURVEY SHOWN PER COUNTY REQUEST. DOCUMENTATION FOR DEDICATION NOT PROVIDED TO VERIFY.

CERTIFIED TO:

MARK NICHOLAS

L-1	L-2	L-3
S00°07'57"E 42.50' (M.)	S89°56'42"W 40.00' (M.)	S00°07'57"E 200.00' (M.)
SOUTH 42.50' (D.)	WEST 40.00' (D.)	SOUTH 200.00 (D.)

THIS SURVEY MAP AND REPORT OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

WILLIAM E. HAYHURST
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA REGISTRATION NO 4416

9/26/18
DATE

HAYHURST LAND SURVEYING INC.
CERTIFICATE OF AUTHORIZATION NUMBER (L.B. 7364)
SURVEYING & MAPPING COMPANY
445 9TH ST. S.W. Unit-7
VERO BEACH, FL. 32962
PHONE: (772) 569-6680
FAX: (772) 770-3446
hayhurstls@live.com

SURVEY TYPE: BOUNDARY/TOPO.	DATE:	REVISIONS:	BY:
	9/26/18	REV. PER CO. LET. 9/20/18	LEH
CHECKED BY: W.E.H.			
DRAWN BY: L.E.H.			
FIELD BOOK No. 371			
PAGE No. 68			
FIELD DATE: 08/07/18			
SCALE: 1"=20'			
JOB No. 18-354			

FLOOD ZONE: X + AE-8.0'
EFFECTIVE DATE: 02/16/2012
PANEL NO.: 12111C0188 J

(50) INDICATES EXISTING ELEVATION

JOSEPH E. SMITH, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY
FILE # 4510632 OR BOOK 4212 PAGE 1778, Recorded 12/13/2018 08:01:29 AM Doc
Tax: $1050.00

Prepared by and return to:
STACY CONSALVO
Manager
Fee & Fee, PLLC, d/b/a Treasure Coast Title & Escrow
426 Ave A
Fort Pierce, FL 34950
772-461-7190
File Number: **18-120**
Will Call No.:

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 27th day of **November, 2018** between **Kelly Smith and Corine van Grootheest, his wife,** whose post office address is **2045 SE Avon Park Drive, Port Saint Lucie, FL 34952**, grantor, and **Stonebridge Senior Living, LLC, a Florida limited liability company,** whose post office address is **701 SE Hidden River Drive, Port Saint Lucie, FL 34983**, grantee:

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in **Saint Lucie County, Florida** to-wit:

Commencing at the Northeast corner of the Northeast 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 32, Township 35 South, Range 40 East, thence run South along the East Section line which said line is also the center line of Hawley Road, a distance of 42.5 feet; thence run West a distance of 40 feet to the West right-of-way line of Hawley Road for the Point of Beginning; thence continue South along the line parallel to the East Section line a distance of 200 feet to a point; thence run West and parallel to the Quarter Section line a distance of 316 feet; thence run North and parallel to the East Section line a distance of 200 feet to the South right-of-way line of Canal No. 101; thence run East a distance of 316 feet to the Point of Beginning; said land lying and being in St. Lucie County, Florida.
LESS AND EXCEPT all that portion conveyed to the Board of County Commissioners of St. Lucie County, Florida, as contained in Deed recorded in Official Records Book 659, at Page 1136, of the Public Records of St. Lucie County, Florida.

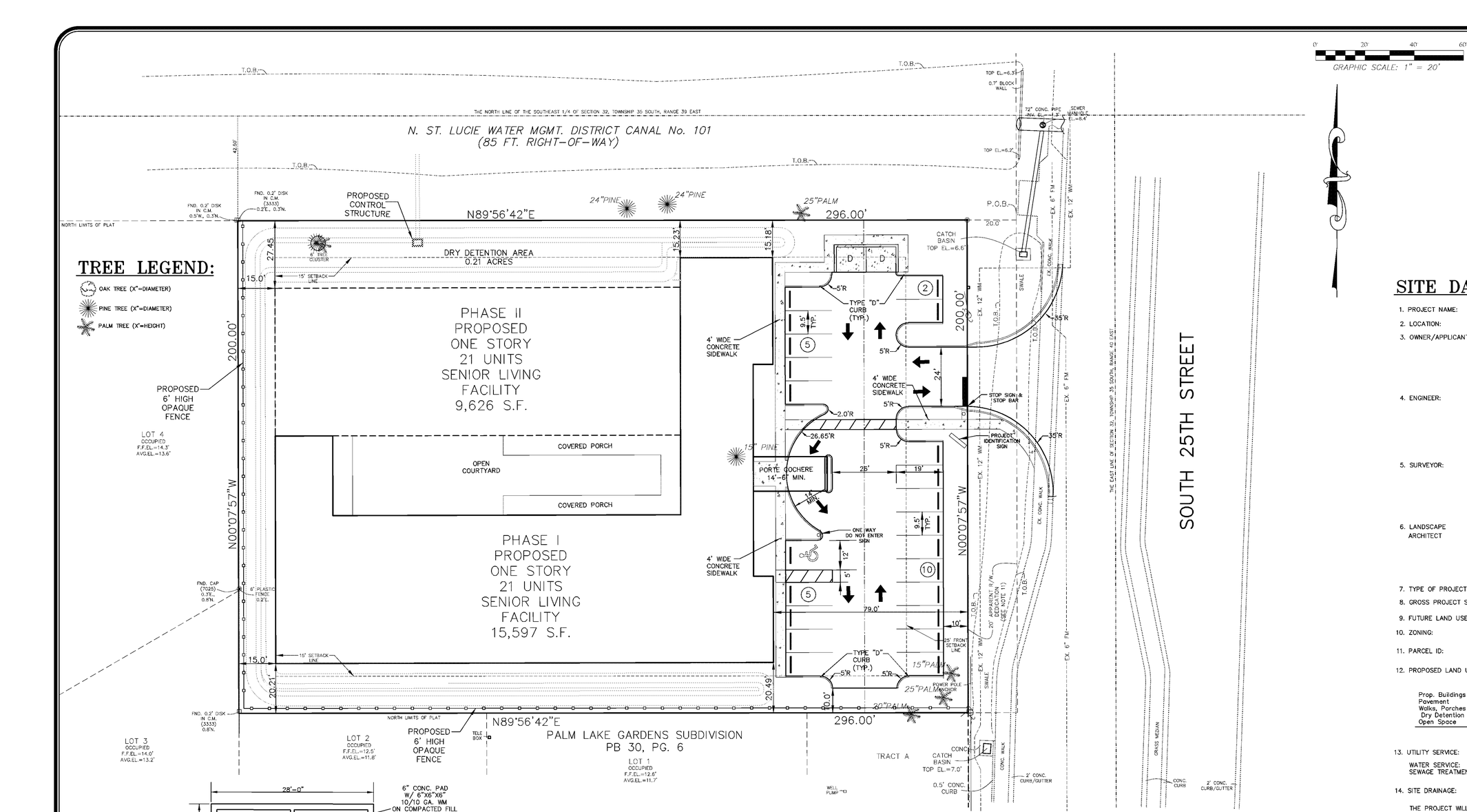
Parcel Identification Number: 2432-411-000-000/2

SUBJECT TO restrictions, reservations, limitations, and easements of record, if any; this reference to said restrictions shall not operate to reimpose the same, and taxes for the year 2019 and subsequent years.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to **December 31, 2018**.



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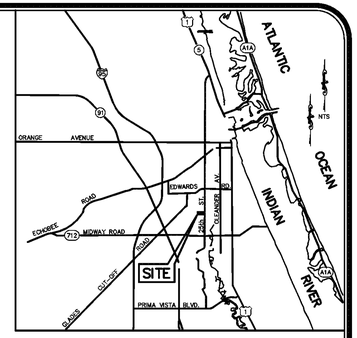


LOCATION MAP

SITE DATA

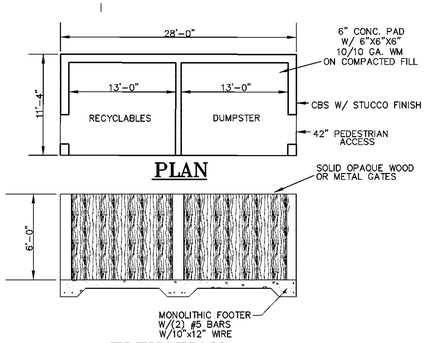
1. PROJECT NAME: THE MANOR, ADULT LIVING FACILITY
2. LOCATION: 4201 SOUTH 25TH STREET, FORT PIERCE, FLORIDA
3. OWNER/APPLICANT: RED LION CONSTRUCTION INC.
   MR. MARK NICHOLAS, PRESIDENT
   7548 U.S. HIGHWAY #1
   PORT ST. LUCIE, FL. 34952
   PHONE: 727-463-3800
4. ENGINEER: RICHARD M. LADYKO, P.E..
   LADYKO DESIGN GROUP, LLC
   4400 BELLE GROVE DRIVE
   FORT PIERCE, FL. 34981
   PHONE: 772-530-8261
   FLORIDA C.A.: #28610
5. SURVEYOR: HAYHURST LAND SURVEYING, INC.
   WILLIAM E. HAYHURST, P.S.M.
   445 9TH ST. S.W., UNIT 7
   VERO BEACH, FL. 32962
   PHONE: 772-569-6680
   FAX: 772-770-3446
6. LANDSCAPE ARCHITECT: GREGORY BOGGS, ASLA
   BOGGS PLANNING & LANSCAPE ARCHITECTURE
   100 AVENUE A, SUITE 2E
   FORT PIERCE, FL. 34950
   PHONE: 772-577-6473
   CELL: 772-486-5228
7. TYPE OF PROJECT: 42 ROOM ADULT LIVING FACILITY
8. GROSS PROJECT SIZE: 59,200 S.F. 1.36 ACRES
9. FUTURE LAND USE: RL (LOW DENSITY RESIDENTIAL)
10. ZONING: OFFICE COMMERCIAL (C-1)
11. PARCEL ID: 2432-411-0001-0002
12. PROPOSED LAND USE BREAKDOWN: THIS APPLICATION

	Acreage	Square Footage	Percentage of site
Prop. Buildings	0.58	25,223	42.61
Pavement	0.22	9,793	16.54
Walks, Porches & Misc.	0.07	2,871	4.85
Dry Detention	0.21	9,067	15.32
Open Space	0.28	12,246	20.68
TOTAL	1.36	59,200	100.00

13. UTILITY SERVICE:
    WATER SERVICE: FORT PIERCE UTILITIES AUTHORITY
    SEWAGE TREATMENT: FORT PIERCE UTILITIES AUTHORITY
14. SITE DRAINAGE:
    THE PROJECT WILL PROVIDE ON-SITE DRY DETENTION FOR WATER QUALITY AND STORM ATTENUATION. DISCHARGE WILL BE TO N.S.L.R.W.C.D. CANAL NO. 101.
15. PARKING CALCULATIONS:
    ADULT CONGREGATE CARE FACILITIES (ITE CODE 253) SHALL HAVE 0.45 SPACES PER UNIT PER THE REQUIREMENTS OF THE INSTITUTE OF TRAFFIC ENGINEERS (ITE), 4TH EDITION EDITION GENERATION MANUAL.
    Required Parking (0.45 spaces x 42 Units) 19 Spaces
    Provided Parking
    Paved Parking 22 Spaces
    Total Provided 22 Spaces
    Total Provided 22 Spaces (inc. 1 Handicapped)
16. BUILDING SETBACKS

Front	25 FT.
Sides	15 FT.
Rear	15 FT.

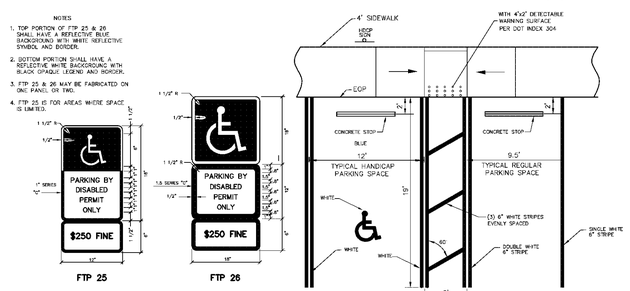
17. CONSTRUCTION:
    ALL CONSTRUCTION SHALL COMPLY WITH SECTIONS 17 AND 22 OF THE CITY OF FORT PIERCE CODE OF ORDINANCES.



PLAN

ELEVATION

DUMPSTER ENCLOSURE DETAIL



PARKING SPACE DETAIL

N.T.S.

LEGAL DESCRIPTION

COMMENCING AT THE NORTHEAST CORNER OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 32, TOWNSHIP 35 SOUTH, RANGE 40 EAST, THENCE RUN SOUTH ALONG THE EAST SECTION LINE, WHICH SAID LINE IS ALSO THE CENTERLINE OF HAWLEY ROAD, A DISTANCE OF 42.5 FT.; THENCE RUN WEST A DISTANCE OF 40.0 FT. TO THE WEST RIGHT-OF-WAY LINE OF HAWLEY ROAD FOR THE POINT OF BEGINING; THENCE CONTINUE SOUTH ALONG THE LINE PARALLEL TO THE EAST SECTION LINE A DISTANCE OF 200 FT. TO A POINT; THENCE RUN WEST AND PARALLEL O THE QUARTER SECTION LINE A DISTANCE OF 316.0 FT.; THENCE RUN NORTH AND PARALLEL TO THE EAST SECTION LINE A DISTANCE OF 200.0 FT. TO THE SOUTH RIGHT-OF-WAY LINE OF CANAL NO. 101; THENCE RUN EAST A DISTANCE OF 316.0 FT. TO THE POINT OF BEGINNING; SAID LAND LYING AND BEING IN ST. LUCIE COUNTY, FLORIDA.

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SAID PARCEL CONTAINS 1.36 ACRES MORE OR LESS.

RICHARD M. LADYKO, P.E. FL. REG. NO. 34288

- REVISIONS -	BY	DATE
REVISIONS PER CITY OF FORT PIERCE T.R.C.	RML	9/24/18
REVISIONS TO NUMBER OF BED AND SQUARE FOOTAGE	RML	9/24/19

COMPUTER FILE REF.	FIELD BK./PG.

Ladyko Design Group, LLC
ENGINEERS, PLANNERS & CONSTRUCTION MANAGERS
STATE OF FLORIDA CERTIFICATE OF AUTHORIZATION NO. 28610
4400 BELLE GROVE DRIVE
FT. PIERCE, FL. 34981
PHONE: 772-530-8261
FAX: 772-464-1383
enginpod225@aol.com

	BY	DATE
DESIGNED	RML	8-17-18
CALCS.		
DRAWN	RML	8-17-18
DETAILED		
CHECKED	RML	8-27-18
APPROVED		

THE MANOR ADULT LIVING

PROPOSED SITE PLAN

DATE: 8/17/18
HORIZ. SCALE: 1"=20'
VERT. SCALE: 1"=20'
JOB No. 18-065
SHEET 1 OF 1

FLOOR PLAN LEGEND

- (1) WINDOW TAG
- 101 DOOR TAG
- XX KEYNOTE

PLAN NOTES:

1. CONTRACTORS TO VERIFY ALL FIELD CONDITIONS PRIOR TO COMMENCEMENT AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
2. VERIFY DEPTH AND WIDTH OF BUILD OUT REQUIRED FOR RECESSED FIRE EXTINGUISHERS AND CABINETS W/ MANUFACTURERS.
3. COORDINATE W/ OWNER FOR INSTALLATION OF INTERIOR SIGNAGE.
4. PROVIDE SOLID WOOD BACKING FOR ALL WALLS TO RECEIVE COUNTERS, CABINETS, DOOR STOPS, SINKS, TOILET ACCESSORIES, CHAIR RAILS, AND OTHER RELATED INSTALLATIONS.
5. REFER TO ENLARGED PLANS FOR ADDITIONAL INFOMRAITON. ITEMS NOT DIMENSIONED OR CALLED OUT ON THIS PLAN ARE CALLED OUT ON THE LARGER PLANS FOR CLARITY.

1 FLOOR PLAN
1/8" = 1'-0"

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STATE REG # AA26003348

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PROJECT

MANOR - ASSISTED LIVING FACILITY

FT. PIERCE, FL

CLIENT

REDLION CONSTRUCTION

CONSULTANTS

REGISTRATION

STATE OF FLORIDA REGISTERED ARCHITECT
9/27/2019
MICHAEL J. SEAL, AIA
AR96898

REVISIONS

NO.	DATE	REVISION
2	09/06/19	ZONING COMMENTS

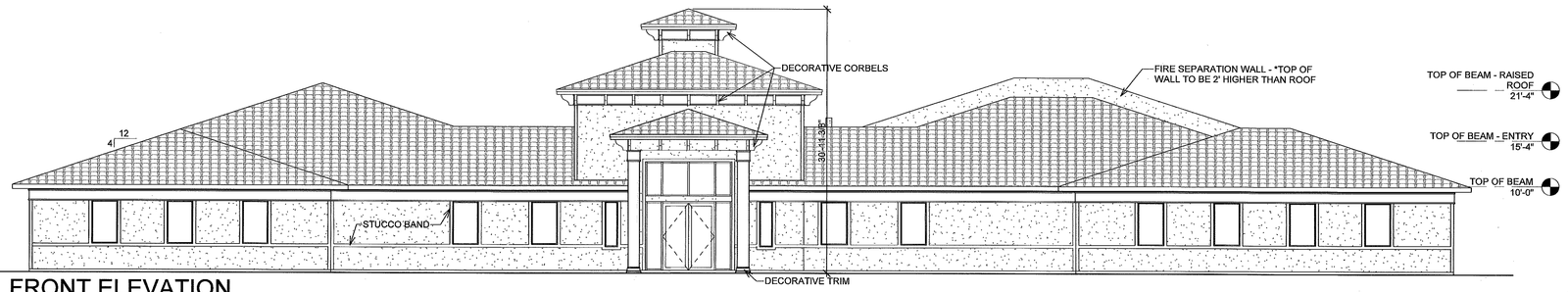
KEY PLAN

SHEET TITLE / SHEET NUMBER

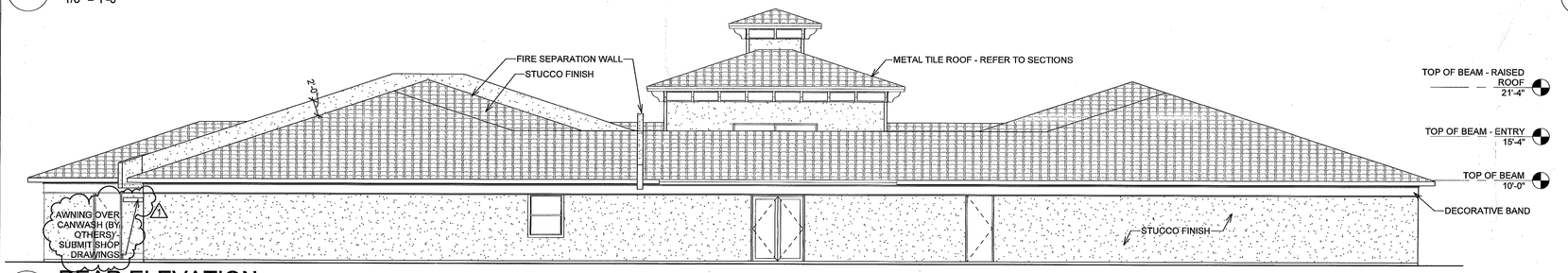
FLOOR PLAN

A2

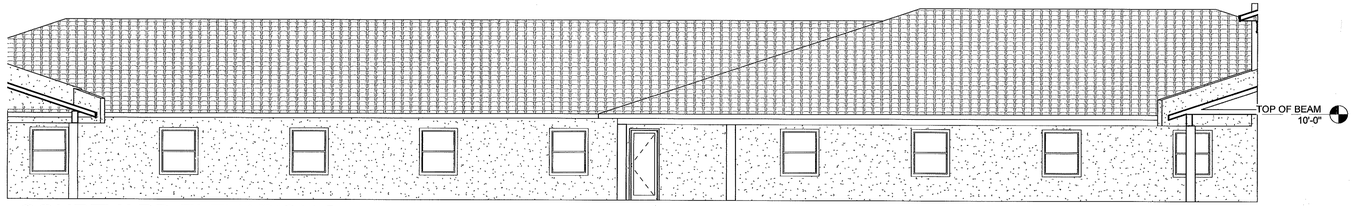
PROJECT NUMBER C19021
DATE 09/06/2019



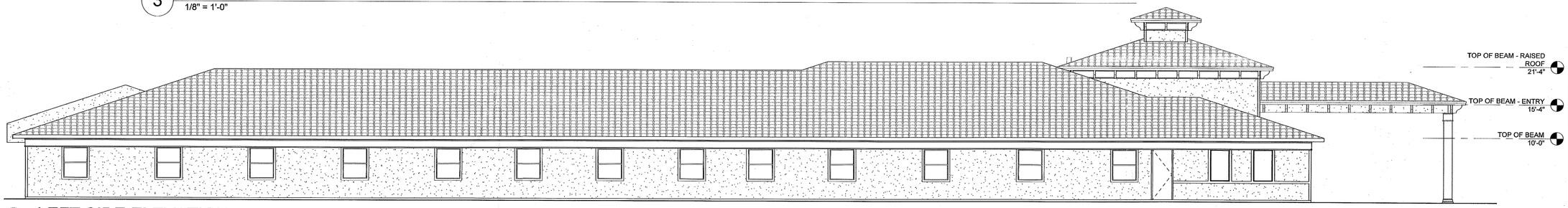
1 FRONT ELEVATION
1/8" = 1'-0"



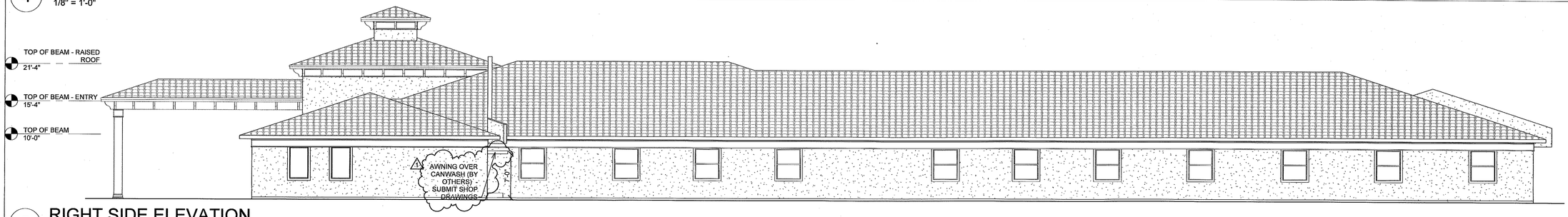
2 REAR ELEVATION
1/8" = 1'-0"



3 COURTYARD ELEVATION 2
1/8" = 1'-0"



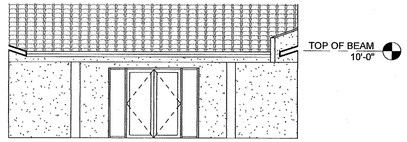
4 LEFT SIDE ELEVATION
1/8" = 1'-0"



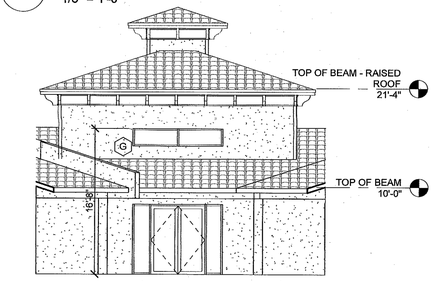
5 RIGHT SIDE ELEVATION
1/8" = 1'-0"

ELEVATION NOTES:

1. ELEVATION TARGET SYMBOLS ARE TO TOP OF SLAB, AND OTHER ELEMENTS AS INDICATED.
2. REFER TO STRUCTURAL DRAWINGS FOR INFORMATION RELATED TO FOUNDATION, BUILDING STRUCTURE, AND LAYOUT OF SUCH.
3. REFER TO THE FLOOR PLANS FOR LOUVER, DOOR, AND WINDOW SYMBOLS, AND THE REFERENCED MATERIAL INFORMATION.
4. CONTRACTOR SHALL COORDINATE ROUGH OPENING DIMENSIONS WITH WINDOW AND DOOR MANUFACTURER PRIOR TO ORDERING.
6. CONTRACTOR SHALL PROVIDE A 4'x4' MOCKUP OF PAINT SAMPLES ON BUILDING FOR OWNER'S APPROVAL.



6 COURTYARD ELEVATION 1
1/8" = 1'-0"



7 COURTYARD ELEVATION 3
1/8" = 1'-0"

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PROJECT

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REGISTRATION

STATE OF FLORIDA
M. SEAL
LICENSE
9/27/2019
REGISTERED ARCHITECT

MICHAEL J. SEAL, AIA
AR96898

REVISIONS

NO.	DATE	REVISION
1	09/06/19	BLDG DEPT COMMENTS

KEY PLAN

SHEET TITLE / SHEET NUMBER

EXTERIOR ELEVATIONS

A3

PROJECT NUMBER **C19021**

DATE **09/06/2019**

DRAINAGE REPORT

For

The Manor
Adult Living Facility
4201 South 25th Street
Ft. Pierce, Florida

In

St. Lucie County

Prepared for

Red Lion Construction, Inc.
7548 South U.S. Highway #1
Port St. Lucie, Florida 34952
727-463-3800

Prepared By

Richard M. Ladyko, P.E.
Fla. Registration #34288
Ladyko Design Group, LLC
Engineers, Planners, Construction Managers
4400 Belle Grove Drive
Ft. Pierce, FL 34981
Phone: 772-530-8261
Certificate of Authorization #28610

August 2018
Revised August 2019

TABLE OF CONTENTS

Cover ..... Page 1

Table of Contents ..... Page 2

Drainage Narrative ..... Section I

Phase II Drainage Calculations ..... Section II

Phase II Storm ..... Section III

Drainage Summary ..... Section IV

Applicable Codes the Design is Intended to Meet:

City of Fort Pierce Land Development Code.
North St. Lucie River Water Control District Requirement
South Florida Water Management District Water Quality and Quantity Standards for Environmental Resource Permits (Volume IV).

Computer Programs used for the specifications and/or calculations:

S.F.W.M.D. Cascade.

Prepared by:

Richard M. Ladyko, P.E.
Fla. Registration #34288

SECTION "I"

Drainage Narrative

The Manor - Adult Living Facility
4201 South 25th Street
Fort Pierce, Florida

Drainage Narrative

The proposed development is located approx. 0.50 miles north of Midway Road on the west side of South 25th Street, in Fort Pierce, Florida. The site is 1.36 acres in size and is currently vacant.

The Future Land Use Designation of the property is Low Density Residential (RL) with a Zoning Designation of Commercial Office (C-1). The new owner, Red Lion Construction, Inc., proposes to develop an Adult Congregate Living Facility on the property. The proposed facility will consist of 26,926 s.f. of building to be constructed in two phases, 10,961 s.f. of pavement and sidewalk, 9,067 s.f. of dry detention area and 12,246 s.f. of open space.

It is the intent of the developer of construct the project in two phases, with all of the pavement, sidewalk and dry detention area to be constructed with the first phase. The phase will include 16,478 s.f. of the proposed building structure.

The project will be designed with consideration of the rules and requirements of the City of Fort Pierce, South Florida Water Management District and the North St. Lucie River Water Control District.

Consideration will be given to the Minimum Finished Floor Elevation will be based upon the 100 year, 3 day, zero discharge event stage, the minimum perimeter grade, based upon the 25 year, 3 day event, the minimum discharge from the site, based upon the N.S.L.R.W.C.D., 10 year, 3 day event and the minimum pavement elevation which will be based upon the 10 year, 1 day storm event.

Discharge from the site will be to the North St. Lucie River Water Control District Canal #101 after water quality and storm attenuation is provided. Discharge is ultimately to the North Fork of the St. Lucie River, thence to the Intracoastal Waterway. Both bodies are Outstanding Florida Waterways (OFW) and as a result water quality will be provided to the extent of 150% of the required amount.

Information received from the N.S.L.R.W.C.D., dated 8/23/2019, indicates that the control elevation of Canal #101 is 5.14 ft NGVD and the 10 Year, 72 Hour (Design Discharge) stage is 7.52 NGVD. Converting these 1929 NGVD elevations to 1988 NAVD elevations, by subtracting 1.48 ft. would result in a control elevation of 3.66 ft. NAVD and 6.04 ft. NAVD respectively. These revised elevations have been used in the stormwater routing to simulate tail-water conditions of the canal.

SECTION "II"

Drainage Calculations

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JOB THE MANOR ADULT LIVING FACILITY
SHEET NO. 1 OF
CALCULATED BY [signature] DATE 8-26-2019
CHECKED BY DATE REV. 8-26-2019
SCALE

STORM WATER MANAGEMENT CALCULATIONS FOR THE MANOR

THE PROJECT CONSISTS OF A 1.36 ACRE PARCEL LOCATED ON THE WEST SIDE OF SOUTH 25TH STREET IN THE CITY OF FORT PIERCE, FLORIDA. THE PROJECT WILL CONSIST OF 26,926 S.F. OF BUILDING TO BE CONSTRUCTED IN TWO PHASES, 10,961 S.F. OF PAVEMENT AND SIDEWALK 9,067 S.F. OF DRY DETENTION AND 12,346 S.F. OF OPEN/GREEN SPACE.

WATER QUALITY AND STORM ATTENUATION WILL BE PROVIDED IN THE DRY DETENTION AREA PRIOR TO DISCHARGE TO THE NORTH ST. LUCIE RIVER WATER CONTROL DISTRICT CANAL #101. FLOW IS ULTIMATELY TO THE NORTH FORK OF THE ST. LUCIE RIVER, SO AS A RESULT 150% OF THE REQUIRED ATTENUATION AMOUNT WILL BE PROVIDED

LAND USE BREAKDOWN

	AREA	% IMP	IMP. AREA
BUILDING	0.62 Ac	100%	0.62 Ac
PAVEMENT & WALKS	0.25 Ac	100%	0.25 Ac
DRY DETENTION	0.21 Ac	0%	0.00
OPEN/GREEN SPACE	0.28 Ac	0%	0.00
	1.36 Ac		0.87 Ac

% IMPERVIOUS

$$0.87 / 1.36 \times 100 = 63.97\%$$

PERVIOUS AREA

$$1.36 - 0.87 = 0.49 \text{ Ac.}$$

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SHEET NO. 2 OF
CALCULATED BY [signature] DATE 8-26-2018
CHECKED BY DATE REV. 8-26-2019
SCALE

COMPUTE SCS CURVE NUMBER

AVG. GRADE ELEV. = 10.00
CONTROL ELEV = 5.00
5.00 DEPTH TO WATER TABLE
(USE 4.0' MAX.)

USE S.F.W.M.D.
S.W.E.R.P. HAND BOOK

4.0' ⟶ USE 10.9"

$10.9 \times 0.75 = 8.18"$

AVAILABLE SOIL STORAGE

$\frac{8.18}{12} \times 0.49\,Ac = 0.334$

EQUIVILENT SOIL STORAGE

$\frac{0.334}{1.36} \times 12 = 2.95"$

$$CN = \frac{1000}{10 + 2.95} = \frac{1000}{12.95} = 77$$

* NOTE: ALL ELEVATION SHOWN HEREON REFER TO 1988 N.A.V.D.

THE MANOR ADULT LIVING FACILITY
JOB #18-065

STAGE VERSES STORAGE CALCULATIONS

Elevation Ft.	DRY BOT. 0.05 Ac. 7.5 up (v)	DRY SLOPES 0.17 Ac. 7.5-9.0(L)	PAVEMENT 0.22 Ac. 9.0 -10.5.0(L)	OPEN SPACE 0.28 Ac. 9.0 -10.0 (L)	TOTAL AC-FT
6.5	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
8	0.025	0.014	0.000	0.000	0.039
8.5	0.050	0.057	0.000	0.000	0.107
9	0.075	0.128	0.000	0.000	0.203
9.5	0.100	0.213	0.018	0.035	0.366
10	0.125	0.298	0.073	0.140	0.636
10.5	0.150	0.383	0.165	0.280	0.978
11	0.175	0.468	0.275	0.420	1.338
11.5	0.200	0.553	0.385	0.560	1.698
12	0.225	0.638	0.495	0.700	2.058
12.5	0.250	0.723	0.605	0.840	2.418
13	0.275	0.909	0.715	0.980	2.879
13.5	0.300	0.893	0.825	1.120	3.138
14	0.325	0.978	0.935	1.260	3.498

*Note: All elevations herein refer to 1988 NAVD

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JOB THE MANOR ADULT LIVING FACILITY
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SCALE

COMPUTE MINIMUM RETENTION/DETENTION FOR WATER QUALITY

PROVIDE WATER QUALITY TREATMENT EQUIVILENT TO THE GREATER OF THE FIRST INCH OF RUNOFF OR 2.5 TIMES THE PERCENT IMPERVIOUS

1) FIRST INCH

$1/12 \times 1.36 = 0.113$ Ac·FT

2) 2.5 TIMES % IMPERVIOUS

a) SITE AREA FOR WATER QUALITY

SITE AREA - (LAKES + ROOFS + WETLANDS)
1.36 - (0 + 0.62 + 0) = 0.74 Ac

b) IMPERVIOUS AREA
0.74 Ac - 0.49 Ac = 0.25 Ac

c) % IMPERVIOUS
$0.25/0.74 \times 100\% = 33.78\%$

d) 2.5 TIMES % IMPERVIOUS
.3378 x 2.5 = 0.845

e) VOLUME to BE DETAINED

$.845/12 \times 0.74 = .052$ Ac·FT

FIRST INCH CONTROLS → 0.113 Ac·FT

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SHEET NO. 5 OF
CALCULATED BY [signature] DATE 8-26-2018
CHECKED BY DATE REV. 8-26-2019
SCALE

PROVIDE 150% OF THE REQUIRED AMOUNT FOR WATER QUALITY AS THE DISCHARGE IS TO THE NORTH FORK OF THE ST. LUCIE RIVER, AN OUTSTANDING FLORIDA WATER (O.F.W.)

$0.113 \times 1.50 = 0.1695$ Ac. FT

SET CONTROL STRUCTURE BLEEDER TOP ELEVATION

$$\frac{0.1695 - 0.102}{0.203 - 0.107} = \frac{.0625}{.096} = 0.65 \times .5 = 0.33$$

$9.0 + 0.33 = 9.33$ (min)

COMPUTE MINIMUM FINISHED FLOOR ELEV., 100YR, 3DAY, 0 DISCH

$P_{100(3)} = 12.23''$

$S = 2.95''$

$$Q = \frac{(12.23 - 0.2(2.95))^2}{12.23 + 0.8(2.95)} \cdot \frac{135.486}{14.59} = 9.28''$$

$$\frac{9.28}{12} \times 1.36 = 1.052 \text{ Ac.FT}$$

$$\frac{1.052 - 0.978}{1.338 - 0.978} = \frac{.074}{0.360} = 0.205 \times .5 = .11$$

$10.5 + 0.11 = 10.61'$

USE 11.00' (MIN)

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SHEET NO. 6 OF
CALCULATED BY [signature] DATE 8-26-2018
CHECKED BY DATE REV. 8-26-2019
SCALE

Compute 25 year, 3 DAY, 0 DISCHARGE STAGE

$P_{25(3)} = 9.5''$

$S = 2.95''$

$$Q = \frac{(9.5 - 0.2(2.95))^2}{9.5 + 0.8(2.95)} = \frac{79.383}{11.860} = 6.69''$$

$$6.69/12 \times 1.36 = 0.758 \text{ Ac. Ft}$$

$$\frac{0.758 - 0.636}{0.978 - 0.636} = \frac{0.122}{0.342} = 0.36 \times .5 = 0.18$$

$$10.00 + 0.18 = 10.18'$$

ALLOWABLE DISCHARGE

DISCHARGE WILL BE TO THE N.S.L.R.W.C.D. CANAL #101

DISCHARGE IS BASED UPON A VOLUMETRIC BASIS OF 2.0 INCHES PER DAY OVER THE 1.36 ACRE PARCEL

$2.0'' \times 1.36 \text{ Ac} = 2.72 \text{ Ac. Inch}$

$$\frac{2.72 \text{ Ac. In} / 1 \text{ FT} / 43560 \text{ s.f.}}{12 \text{ INCH} / 1 \text{ ACRE} / 1 \text{ D}} = 9873.6 \text{ ft}^3/\text{DAY}$$

$$\frac{9873.6 \text{ ft}^3 / 1 \text{ DAY}}{\text{DAY} / 86400 \text{ SEC}} = 0.114 \text{ C.f.s.}$$

USE MINIMUM SIZE BLEEDER → 3"Ø

SECTION "III"

PHASE TWO
STORM ROUTINGS

10 YEAR, 24 HOUR EVENT
MINIMUM ROAD CROWN
6.0 INCHES OF RAINFALL

Project Name: The Manoe - Adult Living Facility
Reviewer: R. LADYKO
Project Number: 18-065
Period Begin: Jan 01, 2000;0000 hr End: Jan 06, 2000;0000 hr Duration: 120 hr
Time Step: 1 hr, Iterations: 10

Basin 1: On-Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 24 hr
Design Frequency: 25 year
1 Day Rainfall: 6 inches
Area: 1.36 acres
Ground Storage: 2.95 inches
Time of Concentration: 0.5 hours
Initial Stage: 6.5 ft ~~NGVD~~ NAVD

Stage (ft ~~NGVD~~ NAVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.02
8.00	0.04
8.50	0.11
9.00	0.20
9.50	0.37
10.00	0.64
10.50	0.98
11.00	1.34
11.50	1.70
12.00	2.06
12.50	2.42
13.00	2.88

Offsite Receiving Body: Offsite - Canal #101

Time (hr)	Stage (ft ~~NGVD~~ NAVD)
0.00	3.66
72.00	6.04
1000.00	3.66

Structure: 1

From Basin: On-Site
To Basin: Offsite - Canal #101
Structure Type: Gravity
Weir: Sharp Crested, Crest Elev = 9.4 ft ~~NGVD~~ NAVD, Length = 3 ft
Bleeder: Circular, Invert Elev = 6.5 ft ~~NGVD~~ NAVD, Diameter = 0.25 ft
Default Coefs: Weir Coef = 0.6, Orifice Coef = 0.6
Pipe: Diameter = 1.5 ft, Manning's n = 0.024, Length = 35 ft
US Invert Elev = 6 ft ~~NGVD~~ NAVD, DS Invert Elev = 5.8 ft ~~NGVD~~ NAVD, no flap gate

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
0.00	0.00	0.00	0.00	0.00	6.50	3.66
1.00	0.06	0.00	0.00	0.00	6.50	3.69
2.00	0.12	0.00	0.00	0.00	6.50	3.73
3.00	0.19	0.00	0.00	0.00	6.50	3.76
4.00	0.27	0.00	0.00	0.00	6.50	3.79
5.00	0.37	0.00	0.00	0.00	6.50	3.83
6.00	0.50	0.00	0.00	0.00	6.50	3.86
7.00	0.65	0.00	0.00	0.00	6.50	3.89
8.00	0.82	0.02	0.00	0.00	6.54	3.92
9.00	1.03	0.05	0.02	0.00	6.63	3.96
10.00	1.28	0.09	0.05	0.01	6.77	3.99

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
11.00	1.61	0.17	0.13	0.02	6.94	4.02
12.00	3.94	1.82	0.30	0.04	8.24	4.06
13.00	4.60	0.88	0.35	0.07	8.77	4.09
14.00	4.91	0.42	0.36	0.10	8.90	4.12
15.00	5.10	0.25	0.36	0.13	8.89	4.16
16.00	5.28	0.21	0.35	0.16	8.84	4.19
17.00	5.39	0.14	0.35	0.19	8.76	4.22
18.00	5.50	0.13	0.34	0.22	8.66	4.26
19.00	5.60	0.13	0.33	0.24	8.57	4.29
20.00	5.71	0.13	0.32	0.27	8.47	4.32
21.00	5.78	0.09	0.31	0.29	8.35	4.35
22.00	5.86	0.09	0.30	0.32	8.22	4.39
23.00	5.93	0.09	0.29	0.34	8.10	4.42
24.00	6.00	0.09	0.27	0.37	7.95	4.45
25.00	6.00	0.01	0.23	0.38	7.54	4.49
26.00	6.00	0.00	0.12	0.39	6.88	4.52
27.00	6.00	0.00	0.02	0.40	6.60	4.55
28.00	6.00	0.00	0.01	0.40	6.56	4.59
29.00	6.00	0.00	0.00	0.40	6.54	4.62
30.00	6.00	0.00	0.00	0.40	6.53	4.65
31.00	6.00	0.00	0.00	0.40	6.52	4.68
32.00	6.00	0.00	0.00	0.40	6.52	4.72
33.00	6.00	0.00	0.00	0.40	6.52	4.75
34.00	6.00	0.00	0.00	0.40	6.52	4.78
35.00	6.00	0.00	0.00	0.40	6.51	4.82
36.00	6.00	0.00	0.00	0.40	6.51	4.85
37.00	6.00	0.00	0.00	0.40	6.51	4.88
38.00	6.00	0.00	0.00	0.40	6.51	4.92
39.00	6.00	0.00	0.00	0.40	6.51	4.95
40.00	6.00	0.00	0.00	0.40	6.51	4.98
41.00	6.00	0.00	0.00	0.40	6.51	5.02
42.00	6.00	0.00	0.00	0.40	6.51	5.05
43.00	6.00	0.00	0.00	0.40	6.51	5.08
44.00	6.00	0.00	0.00	0.40	6.51	5.11
45.00	6.00	0.00	0.00	0.40	6.51	5.15
46.00	6.00	0.00	0.00	0.40	6.51	5.18
47.00	6.00	0.00	0.00	0.40	6.51	5.21
48.00	6.00	0.00	0.00	0.40	6.51	5.25
49.00	6.00	0.00	0.00	0.40	6.51	5.28
50.00	6.00	0.00	0.00	0.40	6.51	5.31
51.00	6.00	0.00	0.00	0.40	6.50	5.35
52.00	6.00	0.00	0.00	0.40	6.50	5.38
53.00	6.00	0.00	0.00	0.40	6.50	5.41
54.00	6.00	0.00	0.00	0.40	6.50	5.45
55.00	6.00	0.00	0.00	0.40	6.50	5.48
56.00	6.00	0.00	0.00	0.40	6.50	5.51
57.00	6.00	0.00	0.00	0.40	6.50	5.54
58.00	6.00	0.00	0.00	0.40	6.50	5.58
59.00	6.00	0.00	0.00	0.40	6.50	5.61
60.00	6.00	0.00	0.00	0.40	6.50	5.64
61.00	6.00	0.00	0.00	0.40	6.50	5.68
62.00	6.00	0.00	0.00	0.40	6.50	5.71
63.00	6.00	0.00	0.00	0.40	6.50	5.74
64.00	6.00	0.00	0.00	0.40	6.50	5.78
65.00	6.00	0.00	0.00	0.40	6.50	5.81
66.00	6.00	0.00	0.00	0.40	6.50	5.84
67.00	6.00	0.00	0.00	0.40	6.50	5.87
68.00	6.00	0.00	0.00	0.40	6.50	5.91
69.00	6.00	0.00	0.00	0.40	6.50	5.94
70.00	6.00	0.00	0.00	0.40	6.50	5.97
71.00	6.00	0.00	0.00	0.40	6.50	6.01
72.00	6.00	0.00	0.00	0.40	6.50	6.04
73.00	6.00	0.00	0.00	0.40	6.50	6.04
74.00	6.00	0.00	0.00	0.40	6.50	6.03
75.00	6.00	0.00	0.00	0.40	6.50	6.03
76.00	6.00	0.00	0.00	0.40	6.50	6.03
77.00	6.00	0.00	0.00	0.40	6.50	6.03
78.00	6.00	0.00	0.00	0.40	6.50	6.02
79.00	6.00	0.00	0.00	0.40	6.50	6.02

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
80.00	6.00	0.00	0.00	0.40	6.50	6.02
81.00	6.00	0.00	0.00	0.40	6.50	6.02
82.00	6.00	0.00	0.00	0.40	6.50	6.01
83.00	6.00	0.00	0.00	0.40	6.50	6.01
84.00	6.00	0.00	0.00	0.40	6.50	6.01
85.00	6.00	0.00	0.00	0.40	6.50	6.01
86.00	6.00	0.00	0.00	0.40	6.50	6.00
87.00	6.00	0.00	0.00	0.40	6.50	6.00
88.00	6.00	0.00	0.00	0.40	6.50	6.00
89.00	6.00	0.00	0.00	0.40	6.50	6.00
90.00	6.00	0.00	0.00	0.40	6.50	5.99
91.00	6.00	0.00	0.00	0.40	6.50	5.99
92.00	6.00	0.00	0.00	0.40	6.50	5.99
93.00	6.00	0.00	0.00	0.40	6.50	5.99
94.00	6.00	0.00	0.00	0.40	6.50	5.98
95.00	6.00	0.00	0.00	0.40	6.50	5.98
96.00	6.00	0.00	0.00	0.40	6.50	5.98
97.00	6.00	0.00	0.00	0.40	6.50	5.98
98.00	6.00	0.00	0.00	0.40	6.50	5.97
99.00	6.00	0.00	0.00	0.40	6.50	5.97
100.00	6.00	0.00	0.00	0.40	6.50	5.97
101.00	6.00	0.00	0.00	0.40	6.50	5.97
102.00	6.00	0.00	0.00	0.40	6.50	5.96
103.00	6.00	0.00	0.00	0.40	6.50	5.96
104.00	6.00	0.00	0.00	0.40	6.50	5.96
105.00	6.00	0.00	0.00	0.40	6.50	5.96
106.00	6.00	0.00	0.00	0.40	6.50	5.95
107.00	6.00	0.00	0.00	0.40	6.50	5.95
108.00	6.00	0.00	0.00	0.40	6.50	5.95
109.00	6.00	0.00	0.00	0.40	6.50	5.95
110.00	6.00	0.00	0.00	0.40	6.50	5.94
111.00	6.00	0.00	0.00	0.40	6.50	5.94
112.00	6.00	0.00	0.00	0.40	6.50	5.94
113.00	6.00	0.00	0.00	0.40	6.50	5.93
114.00	6.00	0.00	0.00	0.40	6.50	5.93
115.00	6.00	0.00	0.00	0.40	6.50	5.93
116.00	6.00	0.00	0.00	0.40	6.50	5.93
117.00	6.00	0.00	0.00	0.40	6.50	5.92
118.00	6.00	0.00	0.00	0.40	6.50	5.92
119.00	6.00	0.00	0.00	0.40	6.50	5.92
120.00	6.00	0.00	0.00	0.40	6.50	5.92

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.36	14.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
On-Site	8.90	14.00	6.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
On-Site	0.40	0.00	0.40	0.00	0.00	0.00

10 YEAR, 72 HOUR EVENT
DESIGN DISCHAREG
N.S.L.R.W.C.D. CRITERIA
8.50 INCHES OF RAINFALL

Project Name: The Manor - Adult Living Facility
Reviewer: R. Ladyko
Project Number: 18-065
Period Begin: Jan 01, 2000;0000 hr End: Jan 06, 2000;0000 hr Duration: 120 hr
Time Step: 1 hr, Iterations: 10

Basin 1: On-site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 10 year
3 Day Rainfall: 8.5 inches
Area: 1.36 acres
Ground Storage: 2.95 inches
Time of Concentration: 0.5 hours
Initial Stage: 6.5 ft ~~NGVD~~ NAVD

Stage (ft ~~NGVD~~ NAVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.02
8.00	0.04
8.50	0.11
9.00	0.20
9.50	0.37
10.00	0.64
10.50	0.98
11.00	1.34
11.50	1.70
12.00	2.06
12.50	2.42
13.00	2.88

Offsite Receiving Body: Offsite - Canal #101

Time (hr)	Stage (ft ~~NGVD~~) NAVD
0.00	3.66
72.00	6.04
1000.00	3.66

Structure: 1

From Basin: On-site
To Basin: Offsite - Canal #101
Structure Type: Gravity
Weir: Sharp Crested, Crest Elev = 9.4 ft ~~NGVD~~, Length = 3 ft
Bleeder: Circular, Invert Elev = 6.5 ft ~~NGVD~~, Diameter = 0.25 ft
Default Coefs: Weir Coef = 0.6, Orifice Coef = 0.6
Pipe: Diameter = 1.5 ft, Manning's n = 0.024, Length = 35 ft
US Invert Elev = 6 ft ~~NGVD~~ NAVD, DS Invert Elev = 5.8 ft ~~NGVD~~ NAVD, no flap gate

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~) NAVD
0.00	0.00	0.00	0.00	0.00	6.50	3.66
1.00	0.04	0.00	0.00	0.00	6.50	3.69
2.00	0.08	0.00	0.00	0.00	6.50	3.73
3.00	0.11	0.00	0.00	0.00	6.50	3.76
4.00	0.15	0.00	0.00	0.00	6.50	3.79
5.00	0.19	0.00	0.00	0.00	6.50	3.83
6.00	0.23	0.00	0.00	0.00	6.50	3.86
7.00	0.27	0.00	0.00	0.00	6.50	3.89
8.00	0.30	0.00	0.00	0.00	6.50	3.92
9.00	0.34	0.00	0.00	0.00	6.50	3.96
10.00	0.38	0.00	0.00	0.00	6.50	3.99

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
11.00	0.42	0.00	0.00	0.00	6.50	4.02
12.00	0.46	0.00	0.00	0.00	6.50	4.06
13.00	0.49	0.00	0.00	0.00	6.50	4.09
14.00	0.53	0.00	0.00	0.00	6.50	4.12
15.00	0.57	0.00	0.00	0.00	6.50	4.16
16.00	0.61	0.00	0.00	0.00	6.50	4.19
17.00	0.65	0.00	0.00	0.00	6.50	4.22
18.00	0.68	0.00	0.00	0.00	6.51	4.26
19.00	0.72	0.00	0.00	0.00	6.52	4.29
20.00	0.76	0.00	0.00	0.00	6.53	4.32
21.00	0.80	0.01	0.00	0.00	6.54	4.35
22.00	0.84	0.01	0.00	0.00	6.55	4.39
23.00	0.88	0.01	0.01	0.00	6.56	4.42
24.00	0.91	0.01	0.01	0.00	6.57	4.45
25.00	0.97	0.01	0.01	0.00	6.58	4.49
26.00	1.02	0.02	0.01	0.00	6.59	4.52
27.00	1.08	0.02	0.02	0.01	6.60	4.55
28.00	1.14	0.02	0.02	0.01	6.61	4.59
29.00	1.19	0.02	0.02	0.01	6.62	4.62
30.00	1.25	0.02	0.02	0.01	6.63	4.65
31.00	1.30	0.03	0.02	0.01	6.64	4.68
32.00	1.36	0.03	0.02	0.01	6.65	4.72
33.00	1.41	0.03	0.03	0.02	6.66	4.75
34.00	1.47	0.03	0.03	0.02	6.67	4.78
35.00	1.52	0.03	0.03	0.02	6.68	4.82
36.00	1.58	0.03	0.03	0.02	6.70	4.85
37.00	1.63	0.03	0.03	0.03	6.72	4.88
38.00	1.69	0.03	0.03	0.03	6.74	4.92
39.00	1.75	0.04	0.03	0.03	6.75	4.95
40.00	1.80	0.04	0.04	0.03	6.76	4.98
41.00	1.86	0.04	0.04	0.04	6.76	5.02
42.00	1.91	0.04	0.04	0.04	6.76	5.05
43.00	1.97	0.04	0.04	0.04	6.76	5.08
44.00	2.02	0.04	0.04	0.05	6.76	5.11
45.00	2.08	0.04	0.04	0.05	6.76	5.15
46.00	2.13	0.04	0.04	0.05	6.76	5.18
47.00	2.19	0.04	0.04	0.06	6.77	5.21
48.00	2.25	0.04	0.04	0.06	6.77	5.25
49.00	2.31	0.05	0.05	0.07	6.77	5.28
50.00	2.37	0.05	0.05	0.07	6.77	5.31
51.00	2.45	0.06	0.06	0.07	6.77	5.35
52.00	2.53	0.07	0.07	0.08	6.78	5.38
53.00	2.63	0.09	0.09	0.09	6.78	5.41
54.00	2.76	0.11	0.10	0.10	6.81	5.45
55.00	2.92	0.14	0.12	0.11	6.88	5.48
56.00	3.10	0.17	0.14	0.12	6.98	5.51
57.00	3.31	0.20	0.17	0.13	7.12	5.54
58.00	3.58	0.26	0.20	0.15	7.32	5.58
59.00	3.93	0.35	0.23	0.17	7.60	5.61
60.00	6.35	2.46	0.33	0.19	8.54	5.64
61.00	7.04	1.07	0.37	0.23	9.10	5.68
62.00	7.36	0.49	0.38	0.26	9.20	5.71
63.00	7.56	0.28	0.38	0.29	9.20	5.74
64.00	7.75	0.24	0.38	0.32	9.17	5.78
65.00	7.86	0.15	0.37	0.35	9.13	5.81
66.00	7.97	0.14	0.37	0.38	9.07	5.84
67.00	8.09	0.14	0.37	0.41	9.02	5.87
68.00	8.20	0.14	0.36	0.44	8.93	5.91
69.00	8.27	0.10	0.35	0.47	8.83	5.94
70.00	8.35	0.10	0.34	0.50	8.71	5.97
71.00	8.42	0.10	0.33	0.52	8.60	6.01
72.00	8.50	0.10	0.32	0.55	8.50	6.04
73.00	8.50	0.01	0.31	0.58	8.34	6.04
74.00	8.50	0.00	0.29	0.60	8.17	6.03
75.00	8.50	0.00	0.28	0.62	8.00	6.03
76.00	8.50	0.00	0.22	0.64	7.47	6.03
77.00	8.50	0.00	0.10	0.65	6.81	6.03
78.00	8.50	0.00	0.01	0.65	6.58	6.02
79.00	8.50	0.00	0.00	0.65	6.55	6.02

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
80.00	8.50	0.00	0.00	0.65	6.54	6.02
81.00	8.50	0.00	0.00	0.65	6.53	6.02
82.00	8.50	0.00	0.00	0.65	6.52	6.01
83.00	8.50	0.00	0.00	0.65	6.52	6.01
84.00	8.50	0.00	0.00	0.65	6.52	6.01
85.00	8.50	0.00	0.00	0.65	6.51	6.01
86.00	8.50	0.00	0.00	0.65	6.51	6.00
87.00	8.50	0.00	0.00	0.65	6.51	6.00
88.00	8.50	0.00	0.00	0.65	6.51	6.00
89.00	8.50	0.00	0.00	0.65	6.51	6.00
90.00	8.50	0.00	0.00	0.65	6.51	5.99
91.00	8.50	0.00	0.00	0.65	6.51	5.99
92.00	8.50	0.00	0.00	0.65	6.51	5.99
93.00	8.50	0.00	0.00	0.65	6.51	5.99
94.00	8.50	0.00	0.00	0.65	6.51	5.98
95.00	8.50	0.00	0.00	0.65	6.51	5.98
96.00	8.50	0.00	0.00	0.65	6.51	5.98
97.00	8.50	0.00	0.00	0.65	6.51	5.98
98.00	8.50	0.00	0.00	0.65	6.51	5.97
99.00	8.50	0.00	0.00	0.65	6.51	5.97
100.00	8.50	0.00	0.00	0.65	6.51	5.97
101.00	8.50	0.00	0.00	0.65	6.51	5.97
102.00	8.50	0.00	0.00	0.65	6.50	5.96
103.00	8.50	0.00	0.00	0.65	6.50	5.96
104.00	8.50	0.00	0.00	0.65	6.50	5.96
105.00	8.50	0.00	0.00	0.65	6.50	5.96
106.00	8.50	0.00	0.00	0.65	6.50	5.95
107.00	8.50	0.00	0.00	0.65	6.50	5.95
108.00	8.50	0.00	0.00	0.65	6.50	5.95
109.00	8.50	0.00	0.00	0.65	6.50	5.95
110.00	8.50	0.00	0.00	0.65	6.50	5.94
111.00	8.50	0.00	0.00	0.65	6.50	5.94
112.00	8.50	0.00	0.00	0.65	6.50	5.94
113.00	8.50	0.00	0.00	0.65	6.50	5.93
114.00	8.50	0.00	0.00	0.65	6.50	5.93
115.00	8.50	0.00	0.00	0.65	6.50	5.93
116.00	8.50	0.00	0.00	0.65	6.50	5.93
117.00	8.50	0.00	0.00	0.65	6.50	5.92
118.00	8.50	0.00	0.00	0.65	6.50	5.92
119.00	8.50	0.00	0.00	0.65	6.50	5.92
120.00	8.50	0.00	0.00	0.65	6.50	5.92

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.38	63.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
On-site	9.20	63.00	6.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
On-site	0.65	0.00	0.65	0.00	0.00	0.00

25 YEAR, 72 HOUR EVENT
MINIMUM PERIMETER GRADE
9.50 INCHES OF RAINFALL

Project Name: The Manor - Adult Living Facility
Reviewer: R. Ladyko
Project Number: 18-065
Period Begin: Jan 01, 2000;0000 hr End: Jan 06, 2000;0000 hr Duration: 120 hr
Time Step: 1 hr, Iterations: 10

Basin 1: On-site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 25 year
3 Day Rainfall: 9.5 inches
Area: 1.36 acres
Ground Storage: 2.95 inches
Time of Concentration: 0.5 hours
Initial Stage: 6.5 ft ~~NGVD~~ NAVD

Stage (ft ~~NGVD~~ NAVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.02
8.00	0.04
8.50	0.11
9.00	0.20
9.50	0.37
10.00	0.64
10.50	0.98
11.00	1.34
11.50	1.70
12.00	2.06
12.50	2.42
13.00	2.88

Offsite Receiving Body: Offsite - Canal #101

Time (hr)	Stage (ft ~~NGVD~~ N.A.V.D)
0.00	3.66
72.00	6.04
1000.00	3.66

Structure: 1

From Basin: On-site
To Basin: Offsite - Canal #101
Structure Type: Gravity
Weir: Sharp Crested, Crest Elev = 9.4 ft NGVD, Length = 3 ft
Bleeder: Circular, Invert Elev = 6.5 ft NGVD, Diameter = 0.25 ft
Default Coefs: Weir Coef = 0.6, Orifice Coef = 0.6
Pipe: Diameter = 1.5 ft, Manning's n = 0.024, Length = 35 ft
US Invert Elev = 6 ft NGVD, DS Invert Elev = 5.8 ft NGVD, no flap gate

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
0.00	0.00	0.00	0.00	0.00	6.50	3.66
1.00	0.04	0.00	0.00	0.00	6.50	3.69
2.00	0.09	0.00	0.00	0.00	6.50	3.73
3.00	0.13	0.00	0.00	0.00	6.50	3.76
4.00	0.17	0.00	0.00	0.00	6.50	3.79
5.00	0.21	0.00	0.00	0.00	6.50	3.83
6.00	0.26	0.00	0.00	0.00	6.50	3.86
7.00	0.30	0.00	0.00	0.00	6.50	3.89
8.00	0.34	0.00	0.00	0.00	6.50	3.92
9.00	0.38	0.00	0.00	0.00	6.50	3.96
10.00	0.43	0.00	0.00	0.00	6.50	3.99

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
11.00	0.47	0.00	0.00	0.00	6.50	4.02
12.00	0.51	0.00	0.00	0.00	6.50	4.06
13.00	0.55	0.00	0.00	0.00	6.50	4.09
14.00	0.60	0.00	0.00	0.00	6.50	4.12
15.00	0.64	0.00	0.00	0.00	6.50	4.16
16.00	0.68	0.00	0.00	0.00	6.51	4.19
17.00	0.72	0.00	0.00	0.00	6.52	4.22
18.00	0.77	0.01	0.00	0.00	6.53	4.26
19.00	0.81	0.01	0.00	0.00	6.55	4.29
20.00	0.85	0.01	0.01	0.00	6.56	4.32
21.00	0.89	0.01	0.01	0.00	6.57	4.35
22.00	0.94	0.01	0.01	0.00	6.57	4.39
23.00	0.98	0.01	0.01	0.00	6.58	4.42
24.00	1.02	0.01	0.01	0.00	6.58	4.45
25.00	1.08	0.02	0.02	0.01	6.60	4.49
26.00	1.14	0.02	0.02	0.01	6.61	4.52
27.00	1.21	0.03	0.02	0.01	6.63	4.55
28.00	1.27	0.03	0.02	0.01	6.64	4.59
29.00	1.33	0.03	0.03	0.01	6.66	4.62
30.00	1.39	0.03	0.03	0.02	6.67	4.65
31.00	1.45	0.03	0.03	0.02	6.69	4.68
32.00	1.52	0.03	0.03	0.02	6.71	4.72
33.00	1.58	0.04	0.03	0.02	6.74	4.75
34.00	1.64	0.04	0.04	0.03	6.76	4.78
35.00	1.70	0.04	0.04	0.03	6.76	4.82
36.00	1.77	0.04	0.04	0.03	6.76	4.85
37.00	1.83	0.04	0.04	0.04	6.76	4.88
38.00	1.89	0.04	0.04	0.04	6.76	4.92
39.00	1.95	0.04	0.04	0.04	6.77	4.95
40.00	2.01	0.05	0.05	0.05	6.77	4.98
41.00	2.08	0.05	0.05	0.05	6.77	5.02
42.00	2.14	0.05	0.05	0.05	6.77	5.05
43.00	2.20	0.05	0.05	0.06	6.77	5.08
44.00	2.26	0.05	0.05	0.06	6.77	5.11
45.00	2.32	0.05	0.05	0.07	6.77	5.15
46.00	2.39	0.05	0.05	0.07	6.77	5.18
47.00	2.45	0.05	0.05	0.08	6.77	5.21
48.00	2.51	0.05	0.05	0.08	6.77	5.25
49.00	2.58	0.06	0.06	0.08	6.77	5.28
50.00	2.65	0.06	0.06	0.09	6.78	5.31
51.00	2.73	0.07	0.07	0.10	6.78	5.35
52.00	2.82	0.08	0.08	0.10	6.78	5.38
53.00	2.94	0.11	0.10	0.11	6.80	5.41
54.00	3.09	0.14	0.12	0.12	6.86	5.45
55.00	3.26	0.17	0.14	0.13	6.97	5.48
56.00	3.47	0.20	0.16	0.14	7.10	5.51
57.00	3.70	0.24	0.19	0.16	7.28	5.54
58.00	4.00	0.30	0.22	0.18	7.52	5.58
59.00	4.39	0.41	0.25	0.20	7.76	5.61
60.00	7.10	2.83	0.34	0.23	8.67	5.64
61.00	7.87	1.22	0.38	0.26	9.23	5.68
62.00	8.23	0.55	0.39	0.29	9.35	5.71
63.00	8.45	0.32	0.39	0.32	9.36	5.74
64.00	8.66	0.27	0.39	0.36	9.34	5.78
65.00	8.79	0.18	0.39	0.39	9.30	5.81
66.00	8.91	0.16	0.38	0.42	9.25	5.84
67.00	9.04	0.16	0.38	0.45	9.19	5.87
68.00	9.16	0.16	0.37	0.48	9.14	5.91
69.00	9.25	0.11	0.37	0.51	9.08	5.94
70.00	9.33	0.11	0.37	0.54	9.02	5.97
71.00	9.42	0.11	0.36	0.57	8.92	6.01
72.00	9.50	0.11	0.35	0.60	8.81	6.04
73.00	9.50	0.01	0.34	0.63	8.68	6.04
74.00	9.50	0.00	0.33	0.66	8.53	6.03
75.00	9.50	0.00	0.31	0.68	8.35	6.03
76.00	9.50	0.00	0.29	0.71	8.17	6.03
77.00	9.50	0.00	0.28	0.73	8.01	6.03
78.00	9.50	0.00	0.22	0.75	7.50	6.02
79.00	9.50	0.00	0.11	0.76	6.83	6.02

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft ~~NGVD~~ NAVD)	Tail Water Stage (ft ~~NGVD~~ NAVD)
80.00	9.50	0.00	0.01	0.76	6.59	6.02
81.00	9.50	0.00	0.00	0.76	6.55	6.02
82.00	9.50	0.00	0.00	0.76	6.54	6.01
83.00	9.50	0.00	0.00	0.76	6.53	6.01
84.00	9.50	0.00	0.00	0.76	6.52	6.01
85.00	9.50	0.00	0.00	0.76	6.52	6.01
86.00	9.50	0.00	0.00	0.76	6.52	6.00
87.00	9.50	0.00	0.00	0.76	6.52	6.00
88.00	9.50	0.00	0.00	0.76	6.51	6.00
89.00	9.50	0.00	0.00	0.76	6.51	6.00
90.00	9.50	0.00	0.00	0.76	6.51	5.99
91.00	9.50	0.00	0.00	0.76	6.51	5.99
92.00	9.50	0.00	0.00	0.76	6.51	5.99
93.00	9.50	0.00	0.00	0.76	6.51	5.99
94.00	9.50	0.00	0.00	0.76	6.51	5.98
95.00	9.50	0.00	0.00	0.76	6.51	5.98
96.00	9.50	0.00	0.00	0.76	6.51	5.98
97.00	9.50	0.00	0.00	0.76	6.51	5.98
98.00	9.50	0.00	0.00	0.76	6.51	5.97
99.00	9.50	0.00	0.00	0.76	6.51	5.97
100.00	9.50	0.00	0.00	0.76	6.51	5.97
101.00	9.50	0.00	0.00	0.76	6.51	5.97
102.00	9.50	0.00	0.00	0.76	6.51	5.96
103.00	9.50	0.00	0.00	0.76	6.51	5.96
104.00	9.50	0.00	0.00	0.76	6.50	5.96
105.00	9.50	0.00	0.00	0.76	6.50	5.96
106.00	9.50	0.00	0.00	0.76	6.50	5.95
107.00	9.50	0.00	0.00	0.76	6.50	5.95
108.00	9.50	0.00	0.00	0.76	6.50	5.95
109.00	9.50	0.00	0.00	0.76	6.50	5.95
110.00	9.50	0.00	0.00	0.76	6.50	5.94
111.00	9.50	0.00	0.00	0.76	6.50	5.94
112.00	9.50	0.00	0.00	0.76	6.50	5.94
113.00	9.50	0.00	0.00	0.76	6.50	5.93
114.00	9.50	0.00	0.00	0.76	6.50	5.93
115.00	9.50	0.00	0.00	0.76	6.50	5.93
116.00	9.50	0.00	0.00	0.76	6.50	5.93
117.00	9.50	0.00	0.00	0.76	6.50	5.92
118.00	9.50	0.00	0.00	0.76	6.50	5.92
119.00	9.50	0.00	0.00	0.76	6.50	5.92
120.00	9.50	0.00	0.00	0.76	6.50	5.92

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.39	63.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
On-site	9.36	63.00	6.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
On-site	0.76	0.00	0.76	0.00	0.00	0.00

SECTION "IV"

DRAINAGE SUMMARY

The following is a summary of the design storms analyzed and the corresponding stage and discharge results;

	Stage(NAVD)	Rate(c.f.s.)
1. **Minimum Finished Floor Elevation. 100 Year, 3 Day 0 Discharge Event**	**10.61 (11.00)**	**0.0**
2. **Minimum Perimeter Grade Elevation. 25 Year, 3 Day Event**	**9.36'**	**0.39 c.f.s.**
3. **Design Discharge Event 10 Year, 3 Day N.S.L.R.W.C.D**	**9.20'**	**0.38 c.f.s.**
4. **Minimum Road Crown Elevation. 10 Year, 1 Day Event**	**8.90'**	**0.36 c.f.s.**

***Note: All elevations shown hereon refer to 1988 N.A.V.D.**

GFA International, Inc.

Florida's Leading Engineering Source

Phase I Environmental Site Assessment

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida 34981
PCN 2432-411-0001-000-2

Prepared for:

Red Lion Construction Corporation

GFA Project No. 18-8676.00
August 27, 2018

GFA Contacts – Port St. Lucie

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Our Specialties

Environmental Consulting | Geotechnical Engineering | Construction Materials Testing
Threshold & Special Inspections | Private Provider & Code Compliance

SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

Phase I Environmental Site Assessment

1.4-Acre Vacant Property

4201 South 25th Street
Fort Pierce, St. Lucie County, Florida 34981
PCN 2432-411-0001-000-2

GFA Project No.: 18-8676.00
August 27, 2018

REPORT PREPARED BY:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Robert P. Crowell, P.G.
Environmental Department Manager
Project Manager

Robert P. Crowell

8/27/2018 *Signature*

ROBERT P. CROWELL LICENSE No. 1748 STATE OF FLORIDA PROFESSIONAL GEOLOGIST

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 1
2.0 INTRODUCTION 3
2.1 Purpose 3
2.2 Detailed Scope of Services and Non-Scope Considerations 4
2.3 Significant Assumptions 4
2.4 Limitations and Exceptions 5
2.5 Special Terms and Conditions 5
2.6 Reliance 6
3.0 SITE DESCRIPTION 6
3.1 Location and Legal Description 6
3.2 Site and Vicinity General Characteristics 6
3.3 Current Use of the Property 6
3.4 Structures, Roads and Other Improvements 6
3.5 Current Uses of the Adjoining Properties 7
4.0 USER PROVIDED INFORMATION 7
4.1 Title Records 7
4.2 Environmental Liens or Activity and Use Limitations 7
4.3 Specialized Knowledge 7
4.4 Commonly Known or Reasonably Ascertainable Knowledge 8
4.5 Valuation Reduction for Environmental Issues 8
4.6 Owner, Property Manager, and Occupant Information 8
4.7 Reason for Performing Phase I ESA 8
4.8 Other 8
5.0 RECORDS REVIEW 8
5.1 Standard Environmental Record Sources 8
5.2 Orphan Sites 11
5.3 Vapor Encroachment Screening 12
5.4 Additional Environmental Record Sources 12
6.0 PHYSICAL SETTING SOURCES 13
6.1 Review of USGS Topographic Map 13
6.2 Site Soils 13
6.3 Site Geology and Hydrogeology 14
7.0 HISTORICAL USE INFORMATION ON THE SUBJECT PROPERTY 14
7.1 Fire Insurance Maps 14
7.2 City Directories 14

7.3 Historical Topographic Maps 15
7.4 Historical Aerial Photograph Review 16
7.5 Previous Environmental Investigations 17
8.0 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES 17
8.1 Fire Insurance Maps 17
8.2 City Directories 17
8.3 Historical Topographic Maps 18
8.4 Historical Aerial Photographs 18
9.0 SITE RECONNAISSANCE INFORMATION 19
9.1 Methodology and Limiting Conditions 19
9.2 General Site Setting 20
9.3 Hazardous Substances in Connection with Identified Uses 20
9.4 Storage Tanks 20
9.5 Odors 20
9.6 Pools of Liquid 20
9.7 Drums 20
9.8 Hazardous Substance and Petroleum Products Containers 21
9.9 Unidentified Substance Containers 21
9.10 Indications of Polychlorinated Biphenyls 21
9.11 Indications of Pits, Ponds or Lagoons 21
9.12 Indications of Solid Waste Disposal 21
9.13 Other Observations 21
10.0 INFORMATION FROM INTERVIEWS 22
10.1 Interview with Owner 22
10.2 Interview with Occupants 22
10.3 Interviews with Local Government Officials 22
11.0 DATA GAPS AND FAILURE 22
11.1 Data Gaps 22
11.2 Data Failure 22
12.0 FINDINGS 23
12.1 *VECs* 23
12.2 RECs **..... 23**
12.3 Controlled Environmental Conditions 23
12.4 Historical Environmental Conditions 23
12.5 *De minimis* Conditions 23
13.0 OPINION 24
14.0 CONCLUSIONS 24
15.0 DEVIATIONS 24

16.0 ADDITIONAL SERVICES 24
16.1 Suspect Asbestos Containing Materials 25
16.2 Lead-Based Paint 25
16.3 Mold 25
16.4 Radon 25
16.5 Lead in Drinking Water 25
16.6 Wetlands 26
16.7 Threatened and Endangered Species 26
16.8 Wellfield Protection Zones 26
17.0 REFERENCES 26
18.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS 27

FIGURES

Figure 1: Site Location Map
Figure 2: Site Sketch
Figure 3: Topographic Map
Figure 4: Aerial Photograph, 1944
Figure 5: Aerial Photograph, 1950
Figure 6: Aerial Photograph, 1958
Figure 7: Aerial Photograph, 1969
Figure 8: Aerial Photograph, 1980
Figure 9: Aerial Photograph, 1992
Figure 10: Aerial Photograph, 1999
Figure 11: Aerial Photograph, 2007
Figure 12: Aerial Photograph, 2010
Figure 13: Aerial Photograph, 2013
Figure 14: Aerial Photograph, 2017

APPENDICES

Appendix A – Environmental Information Questionnaire
Appendix B – Legal Description
Appendix C – EDR® Database Search Report
Appendix D – Historical Topographic Maps
Appendix E – Site Reconnaissance Photographs
Appendix F – Qualifications of Individuals

1.0 EXECUTIVE SUMMARY

At the request of Red Lion Construction Corporation, GFA International, Inc. (GFA) conducted a Phase I Environmental Site Assessment (Phase I ESA) of a ±1.4-acre vacant property located at 4201 South 25th Street in Fort Pierce, Florida 34981; herein referred to as the "subject property" or "site." Accordingly, Red Lion Construction Corporation and its successors and/or assigns are hereby authorized to rely on this Phase I ESA report in relation to financing for the above referenced site subject to any qualifications stated herein.

This Phase I ESA was performed in general accordance with American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (ASTM Practice E 1527-13) and was conducted following the scope of work and any limitations as outlined in **Sections 2.4 and 2.5** and our proposal letter to Red Lion Construction Corporation, dated August 15, 2018. The purpose of the Phase I ESA was to identify, to the extent feasible pursuant to ASTM E 1527-13, *recognized environmental conditions* (*RECs*) and *vapor encroachment conditions* (*VECs*) in connection with the property. The purpose and objective of the Phase I ESA was met through the performance of four components: records review, site reconnaissance, interviews, and preparation of the Phase I ESA report. GFA performed the Phase I ESA per ASTM Practice E 1527-13, which is equivalent to the U.S. Environmental Protection Agency (EPA) final rule for All Appropriate Inquiry (AAI) and may be used to comply with the provisions of the Federal AAI Rule as set forth in 40 CFR 312.

The use of ASTM Practice E1527-13 is intended to permit a user to satisfy one of the requirements of the Landowner Liability Protections (LLPs) to qualify for the "innocent landowner, contiguous property owner, or bona fide prospective purchaser" limitations to liability with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and including petroleum products. This practice has been used as a guide to ensure appropriate inquiry into the environmental characteristics and condition of the property consistent with good commercial or customary practice as defined at 42 USC §9601(35)(B). The research was conducted between August 13, 2018 and August 21, 2018 by Robert Crowell, P.G., Senior Geologist and Environmental Department Manager.

Robert Crowell of GFA performed the site reconnaissance visit by walking the site boundaries, and accessible areas of the subject property on August 17, 2018. In addition, observations were made of the immediately adjacent properties. Any limiting conditions encountered during the course of this assessment are included in **Section 2.4**.

The subject property is currently vacant and covered with dense vegetation. The property previously had a small building structure (possibly a house) and a shed. The property appears to have been associated with an aquaculture operation (fish farm). Numerous ponds in rows associated with fish farming were noted in historical aerial photographs on adjoining properties to the west and south. The ponds were not located on the subject property.

No potential hazardous substances, hazardous substance containers, or unidentified substance

containers were identified on the subject property.

No evidence underground storage tank (UST) systems or aboveground storage tanks were observed on the subject property during the site visit.

No electrical transformers or other electrical equipment that may contain polychlorinated biphenyls (PCBs) were observed on the subject property.

Several areas containing discarded trash/debris were observed on the property. The debris consisted of broken concrete, wood scrap, discarded plastic debris, water treatment cannisters, polyvinyl chloride (PVC) piping, discarded clothing and rugs, beverage containers, and food wrappers. This discarded trash/debris is considered as *de minimis*, but it may be in violation of Florida Statues 403.413 ("Florida Litter Law").

No pits, ponds, lagoons, or other surface water bodies that may represent *RECs* were noted on the subject property during the aerial photograph review.

GFA reviewed available City Directories and Sanborn Fire Insurance Maps for the subject property and adjoining properties. City Directory listings from 1959 through 2011 show past occupants of the property involved with residential and aquarium supplies. Based on GFA's review of the above resources, no *RECs* were identified in connection with the subject property.

A search of available environmental regulatory agency records that meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-13 was performed. The subject property is not listed in any of the databases searched. Several offsite facilities worthy of discussion were identified within the ASTM search radius. Based on a regulatory agency file review, these offsite facilities do not appear to impact the subject property. The identified facilities do not pose a threat to the subject property and are not considered to be a *REC.*

A Vapor Encroachment Screening (VES) was performed to identify to the extent feasible pursuant to the procedures presented in the Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction (ASTM E2600-15). The screening evaluation revealed no facilities that appear to meet the requirements for VEC consideration. Based on the review of available file data, a *VEC* in connection with the subject property does not exist.

This assessment has revealed no evidence of *RECs or VECs* in connection with the subject property.

A small volume of discarded trash/debris was observed on the property. The trash/debris consisted of inert materials and therefore, is not considered a REC. This may be in violation of the Florida Statutes 403.413 ("Florida Litter Law"). The discarded trash/debris should be removed for proper disposal.

2.0 INTRODUCTION

GFA International, Inc. (GFA) was retained by Red Lion Construction Corporation to conduct a Phase I Environmental Site Assessment (Phase I ESA) of a ±1.4-acre vacant property located at 4201 South 25th Street in Fort Pierce, Florida 34981. The subject property is located west of South 25th Street in Fort Pierce, St. Lucie County, Florida within Section 32, Township 35 South, Range 40 East. According to the St. Lucie County Property Appraiser's Office website, the subject property (Property Control Number 2432-411-0001-000-2) is currently owned by Kelly Smith and Corine Van Grootherest. The Site location is shown in **Figure 1**. A Site Sketch showing the subject property and surrounding areas is included as **Figure 2**.

2.1 Purpose

As outlined in GFA's proposal letter[1], the purpose of the Phase I ESA was to identify, to the extent feasible pursuant to the American Standard for Testing and Materials (ASTM) E 1527-13, *recognized environmental conditions* (*RECs)*[2] *controlled environmental conditions*[3], *historical environmental conditions*[4] and *Vapor Encroachment Conditions (VECs)*[5] in connection with the property. GFA performed the Phase I ESA scope of work in conformance with the standard practice, as outlined in ASTM E 1527-13 and as set forth in 40 CFR Part 312. The purpose of the ASTM E 1527 practice is to define good commercial and customary practice for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of

[1] The use of the ASTM E 1527-13 practice was strictly limited to the scope set forth in our proposal letter dated August 13, 2018 to Red Lion Construction Corporation and authorized and returned to our offices on August 18, 2018. This contract was mutually negotiated, and both parties named within the contract stipulated that no rule of strict contractual construction will apply against either party, and that each party was provided the opportunity to seek advice of independent counsel prior to signing the contract.

[2] The term *recognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not considered as *recognized environmental conditions*.

[3] The term *controlled environmental conditions* means a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls).

[4] The term *historical environmental conditions* means a past release of any hazardous substances or petroleum products that has occurred in connection with the subject property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls).

[5] The term *vapor encroachment conditions* means the presence or likely presence of contaminants of concern vapors in the sub-surface of the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property.

contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), including petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements of the Landowner Liability Protections (LLPs) to qualify for the "innocent landowner, contiguous property owner, or bona fide prospective purchaser" limitations to CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35)(B).

2.2 Detailed Scope of Services and Non-Scope Considerations

The purpose of the Phase I ESA was met through the performance of four components: records review, site reconnaissance, interviews, and preparation of the Phase I ESA report. Non-scope considerations, or those issues considered to be of potential environmental concern at a property outside the scope of the ASTM E 1527-13 practice, were not addressed. More specifically, non-scope considerations which were not included within GFA's Phase I ESA scope of work included, but were not limited to: asbestos containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historical risks, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality (with exception of vapor intrusion due to a release of hazardous substances or petroleum compounds), and high voltage power lines. In accordance with ASTM E 1527-13, Section 13.1.5, no assessment of such non-scope considerations is required for appropriate inquiry as defined in the standard practice.

2.3 Significant Assumptions

For the purpose of this Phase I Environmental Site Assessment, GFA has made the following assumptions concerning the assessment of on-site and off-site *RECs*:

- Facilities, which use, generate, store, transport or dispose of hazardous wastes or petroleum products maintain the proper licenses with local, state and/or federal agencies.

- All discharges, releases, or violations related to the use, generation, storage, transportation or disposal, of hazardous substances or petroleum products are reported to appropriate agencies as soon as possible, and all reported discharges have been listed in regulatory files.

- GFA has assumed that the information sources utilized for this assessment provided complete and accurate information. Evaluations presented in this report are based exclusively on information provided by available public records, and observations made during the site visit.

2.4 Limitations and Exceptions

No specific limitations, exceptions, or deletions from the scope of work, as set forth by the ASTM Practice E 1527-13 were established for the purpose of this Phase I ESA.

No warranty is made regarding the accuracy of the documentation and information supplied by individuals, subcontractors, or governmental agencies consulted in the course of this assessment. GFA has relied in good faith upon representations, documentation, and information furnished by individuals and subcontractors noted in the report with respect to operations and existing property conditions and historic uses of the property to the extent that they have not been contradicted by data obtained from other sources. Accordingly, GFA accepts no responsibility for any deficiency or misstatements contained in this report as a result of misstatements, omissions, misrepresentations, or fraudulent acts of persons interviewed or parties subcontracted during the course of this assessment. The consultant has been retained for the expressed purpose of gathering, interpreting, and reporting available data.

While this report can be used as a guide, it must be understood that it is neither a rejection nor an endorsement of the property. Problematic environmental conditions that were not identifiable through the scope of this investigation may still exist on the property. The results of the Phase I ESA are not, and cannot, be interpreted as a representation or guarantee that no environmental conditions may exist on or beneath or around the property; this study was not intended to be a definitive assessment of contamination at the subject property. It must also be understood that changing circumstances in the environment and in the use of the property can substantially alter the conclusions and information contained in this report. The consultant accepts no liability for the property. It is the sole responsibility of the client and/or user of this report.

It is further understood by the client that a complete evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this Phase I ESA. Certain environmental conditions may exist on a property that are beyond the scope of this Phase I ESA and the practice by which this Phase I ESA was completed in conformance with but may warrant consideration by parties to a commercial real estate transaction. The appropriateness of including an investigation of any such conditions should be evaluated by the client, based upon, among other factors, the nature of the property and the reasons for performing the assessment (for example, a more comprehensive evaluation of business environmental risk).

An Environmental Information Questionnaire (EIQ) is utilized by GFA to obtain documentation of environmentally sensitive information derived from the owner, occupant, or client during the course of the assessment. The completed EIQ is included in **Appendix A**.

2.5 Special Terms and Conditions

No special terms and conditions were established for the purpose of the Phase I ESA.

2.6 Reliance

Red Lion Construction Corporation and its successors and/or assigns are hereby authorized to rely on this Phase I ESA report in relation to financing for the above referenced property subject to any qualifications stated herein. GFA offers no use or rights to this report to any other party regardless of the circumstance. Third party reliance of this report is strictly prohibited without the written consent from Red Lion Construction Corporation and GFA International.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property is located west of South 25th Street, in Fort Pierce, St. Lucie County, Florida. The site address is 4201 South 25th Street. The Property Control Number is 2432-411-0001-000-2, according to St. Lucie County records. Specifically, the subject property is situated within northeast quarter of the southeast quarter Section 32, Township 35 South, Range 40 East. The legal description for the subject property, as obtained from the St. Lucie County Property Appraiser office website, is attached as **Appendix B**.

3.2 Site and Vicinity General Characteristics

The subject property is mostly rectangular in shape and contains approximately 1.4 acres of land. South 25th Street borders the property to the east. A small drainage canal borders the subject property to the north followed by the Fort Pierce Central High School. Ten Mile Creek is located approximately 1,100 feet to the east.

3.3 Current Use of the Property

The subject property is currently vacant containing woodlands and scrub brush.

3.4 Structures, Roads and Other Improvements

No building structures, improved roads or other developed features are located at the site. The site appears to have future access to municipal utilities including water, electricity, and sewer.

3.5 Current Uses of the Adjoining Properties

Abutters to the subject property include the following:

To the North: A drainage ditch (canal) is located along the north property boundary. A high school (Fort Pierce Central High School)) is located north of the canal

To the East: The right of way to South 25th Street abuts the subject property to the east. Undeveloped woodlands and a pond are located east of the right of way.

To the South: Three Single-family residences within the Palm Lakes Gardens development abut the subject property to the south and southwest.

To the West: Two Single-family residences within the Palm Lakes Gardens development abut the subject property to the south.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

According to title information available online from the St. Lucie County Clerk of the Court Records Department, the most recent deed to the subject property is a Quit Claim Deed, dated February 7, 2005. The title to the property was granted to Kelly Smith and Corine Van Grootherest.

4.2 Environmental Liens or Activity and Use Limitations

An Environmental Lien Report was not provided to GFA during the preparation of this Phase I ESA and a search for environmental liens was not authorized as part of the work scope. No evidence of environmental liens was noted in the available title records searched from the St. Lucie County Clerk of the Court Records Department. The lack of environmental lien information is considered a data gap. However, due to the information obtained from all other available sources, this data gap is not considered significant and is not considered to be a *REC.*

4.3 Specialized Knowledge

The user communicated no specialized knowledge or experience that is material to *RECs* in connection with the property.

4.4 Commonly Known or Reasonably Ascertainable Knowledge

The user communicated no commonly known knowledge or reasonable ascertainable knowledge that is material to *RECs* in connection with the property.

4.5 Valuation Reduction for Environmental Issues

The user communicated no valuation reduction of the purchase price of the subject property due to environmental issues.

4.6 Owner, Property Manager, and Occupant Information

The current owner of the subject property is listed in St. Lucie County records as Kelly Smith and Corrine Van Grootherest.

4.7 Reason for Performing Phase I ESA

The Phase I ESA was performed as part of the due diligence associated with the potential property real estate or financial transaction. The ASTM E 1527 practice defines good commercial and customary practices for conducting an environmental site assessment with respect to the range of contaminants within the scope of the CERCLA, including petroleum. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability ("appropriate inquiry into previous ownership and uses of the property consistent with good commercial and customary practice") as defined in 42 USC § 9601(35)(B).

4.8 Other

This Phase I ESA was performed for Red Lion Construction Corporation and is required for purchase of the property.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

As part of this Environmental Site Assessment, a review of applicable Federal and state environmental regulatory databases was conducted. This entailed a review of facility listings available through the appropriate agency databases. As specified in ASTM E1527-13 criteria, a

records search was performed of federal, state, tribal, and local environmental/regulatory agency databases, and lists, to identify environmental permits, incidents, complaints, violations, response actions, contamination assessment planning and reporting, and remedial activities relating to owners, operators, and tenants on the subject property. In addition, environmental databases were reviewed for adjoining and adjacent property addresses, and certain properties up to a one-mile radius from the subject property, depending on the database. The databases were obtained through Environmental Data Resources, Inc.® (EDR). A copy of the regulatory database search report from EDR is provided in **Appendix C**.

EDR's regulatory information inquiries and reviews were conducted using currently available Regional U.S. Environmental Protection Agency (EPA), the State of Florida Department of Environmental Protection (FDEP), and St. Lucie County records as needed. A search of available environmental records was conducted by EDR; this EDR database search review meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-13. The following table provides a summary of nearby facilities listed on searched regulatory databases, as reported in the EDR report:

Database	Subject Property	Within 1/8 mile	1/8 - 1/4 mile	1/4 - 1/2 mile	1/2 - 1 mile	Greater than 1 mile
FEDERAL RECORDS						
NPL	0	0	0	0	0	NR
Proposed NPL	0	0	0	0	0	NR
NPL LIENS	0	0	0	NR	NR	NR
Delisted NPL	0	0	0	0	0	NR
SEMS (CERCLIS)	0	0	0	NR	NR	NR
SEMS Archive (CERC-NFRAP)	0	0	0	NR	NR	NR
CORRACTS	0	0	0	0	0	NR
RCRA-TSDF	0	0	0	NR	NR	NR
RCRA-LQG	0	0	0	NR	NR	NR
RCRA-SQG	0	0	0	NR	NR	NR
RCRA-CESQG	0	0	0	NR	NR	NR
US ENG Controls	0	0	0	NR	NR	NR
US INST Controls	0	0	0	NR	NR	NR
ERNS	0	0	0	NR	NR	NR
STATE RECORDS						
State Haz. Waste	0	0	0	0	0	NR
State Landfill	0	0	0	NR	NR	NR
LUST	0	0	0	NR	NR	NR
UST	0	0	0	NR	NR	NR
AST	0	0	0	NR	NR	NR
ENG CONTROLS	0	0	0	NR	NR	NR
INST CONTROLS	0	0	0	NR	NR	NR
VCP	0	0	0	NR	NR	NR
Brownfields	0	0	0	NR	NR	NR

Database	Subject Property	Within 1/8 mile	1/8 - 1/4 mile	1/4 - 1/2 mile	1/2 - 1 mile	Greater than 1 mile
US BROWNFIELDS	0	0	0	NR	NR	NR
DEBRIS REGION 9	0	0	0	NR	NR	NR
ODI	0	0	0	NR	NR	NR
SWRCY	0	0	0	NR	NR	NR
US CDL	0	0	0	NR	NR	NR
DWM CONTAM	0	0	0	NR	NR	NR
FL RESP PARTY	0	0	0	NR	NR	NR
FL Sites	0	0	0	0	0	NR
PRIORITYCLEANERS	0	0	0	NR	NR	NR
EDR US Hist Cleaners	0	0	0	NR	NR	NR
EDR US Hist Auto Stat	0	0	0	NR	NR	NR
US HIST CDL	0	0	0	NR	NR	NR
LIENS 2	0	0	0	NR	NR	NR
LUCIS	0	0	0	NR	NR	NR
HMIRS	0	0	0	NR	NR	NR
SPILLS	0	0	**1**	NR	NR	NR
RCRA Non-Gen	0	0	0	NR	NR	NR
DOT OPS	0	0	0	NR	NR	NR
DOD	0	0	0	0	0	NR
FUDS	0	0	0	0	0	NR
CONSENT	0	0	0	0	0	NR
ROD	0	0	0	0	0	NR
UMTRA	0	0	0	NR	NR	NR
MINES	0	0	0	NR	NR	NR
TRIS	0	0	0	NR	NR	NR
TSCA	0	0	0	NR	NR	NR
FTTS	0	0	0	NR	NR	NR
HIST FTTS	0	0	0	NR	NR	NR
SSTS	0	0	0	NR	NR	NR
ICIS	0	0	0	NR	NR	NR
PADS	0	0	0	NR	NR	NR
MLTS	0	0	0	NR	NR	NR
RADINFO	0	0	0	NR	NR	NR
FINDS	0	0	**2**	NR	NR	NR
ECHO	0	0	**1**	NR	NR	NR
RAATS	0	0	0	NR	NR	NR
DRYCLEANERS	0	0	0	NR	NR	NR
DEDB	0	0	0	NR	NR	NR
NPDES	0	0	0	NR	NR	NR
AIRS	0	0	0	NR	NR	NR
FL Cattle Dip Vats	0	0	0	NR	NR	NR
TIER 2	0	0	0	NR	NR	NR
UIC	0	0	0	0	0	NR
INDIAN RESERV	0	0	0	0	0	NR

Database	Subject Property	Within 1/8 mile	1/8 - 1/4 mile	1/4 - 1/2 mile	1/2 - 1 mile	Greater than 1 mile
SCRD Dry Cleaners	0	0	0	NR	NR	NR
PWS	0	0	0	NR	NR	NR
Manufactured Gas Plants	0	0	0	0	0	NR

Notes:
NR = Not Requested at this search distance

The subject property was not listed in any of the databases searched. Several offsite facilities within the ASTM search radius were identified in various databases. GFA reviewed pertinent files and documents in the Florida Department of Environmental Protection (FDEP) Oculus database and United States Environmental Protection Agency (USEPA) Enforcement and Compliance History Online (ECHO) database.

1. Facility Name: **Immanuel Christian Academy**
Address: 4401 South 25th Street
Location: 900 feet South
Database Info: Spills, FINDS
Regulatory Info: No documents were found in the FDEP files. According to the EDR report, a small volume (0.01 gallon) of mercury was released on April 28, 2006. The local Health Department responded. The incident is considered to be "closed". Based on the data reviewed, this is not considered as a *REC* to the subject property.

2. Facility Name: **Fort Pierce Central High School**
Facility Address: West Side of 25th Street
Location: Adjacent North
Database Info: FINDS, ECHO
Regulatory Info: This facility is listed in the FINDS and ECHO databases because of regulation under the Clean Water Act (CWA). A Generic National Pollutant Discharge Elimination System (NPDES) Permit for Storm-Water Discharge from Large and Small Construction Projects was issued on December 20, 2006 for construction of the high school. No inspection reports or further information was found in the file. The Enforcement and Compliance History Online (ECHO) report indicated "No Violations". Based on the data reviewed, this is not considered as a *REC* to the subject property.

Based on the file reviews, no RECs to the subject property were identified.

5.2 Orphan Sites

Facilities that cannot be accurately mapped due to inaccurate or missing data in the address are identified by EDR as "Orphan Sites". As part of the EDR database report review, GFA attempts to

geographically locate orphan sites identified by EDR. GFA examined the Orphan Sites list. No nearby sites were identified.

5.3 Vapor Encroachment Screening

A Tier 1 Vapor Encroachment Screening (VES) for the subject property consistent with ASTM E2600-15, "*Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions"* was completed to comply with ASTM E 1527-13. The E2600-15 standard provides guidance on identifying and evaluating vapor migration at contaminated properties. Four conclusions are possible as a result of the VES: 1) A Vapor Encroachment Condition (VEC) exists; or 2) a VEC does not or is not likely to exist.

The purpose of a Vapor Encroachment Screening (VES) is to identify to the extent feasible pursuant to the procedures presented in the Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction (ASTM E2600-15). The VES is intended to be used independently or in conjunction with, but not as a replacement of, existing Practice E1527-13 Phase I ESA.

As specified in ASTM E2600-15 criteria, a records search was performed of federal and state, tribal as a part of a Tier 1 Screening evaluation. This screening was performed to identify environmental permits, incidents, complaints, violations, response actions, contamination assessment planning and reporting, and remedial activities relating to owners, operators, and tenants on the subject property. In addition, environmental databases were reviewed for all adjoining and adjacent property addresses, and certain properties up to a third of a mile around the subject property, measured from the nearest subject property boundary.

No facilities were listed within the search radius for VEC consideration. Based on the data reviewed a *VEC* does not or is not likely to exist.

5.4 Additional Environmental Record Sources

No previous environmental investigation reports for the subject property were provided by the client or found in the regulatory agency review. Based on the information obtained, and the standard environmental record sources utilized during the course of this assessment, no additional environmental record sources were deemed necessary for the purpose of identifying *RECs* associated with the subject property.

6.0 PHYSICAL SETTING SOURCES

A preliminary review of available physical setting source information was performed that consisted of physiographic, subsurface geologic, regional groundwater information, and local well field protection maps of the subject area.

6.1 Review of USGS Topographic Map

A United States Geological Survey (USGS) 7.5-Minute Series Topographic Map FORT PIERCE, FL (1983) was examined to determine the geographical features at and around the subject property. The topographic map is shown in **Figure 3**. The site is located at an approximate elevation of 10 to 12 feet above mean sea level (amsl). Two small building structures are depicted on the subject property. A drainage ditch is depicted along the north property boundary. Ten Mile Creek is depicted approximately 1,100 feet to the east. No marshy areas, mines, or borrow pits are depicted on the subject property.

6.2 Site Soils

The United States Department of Agriculture, Soil Conservation Service, "Soil Survey of St. Lucie County Area, Florida" (Watts and Stankey, 1980) was reviewed. Additionally, the Web Soil Survey (WSS) from the National Resource Conservation Service was reviewed. The Soil Survey identifies the site soils as Ankona Sand (map unit 2) and Winder Sand (map unit 55). Soils in these categories are described below:

Ankona Sand (2): This unit comprises approximately 99 percent of the subject property. This is a deep, nearly level poorly-drained soil that occurs on broad flatwoods. The water table is at a depth of 10 inches for 1 to 4 months during most years and from 10 to 40 inches for 6 months or more. The water table is more than 40 inches of the ground surface during extensive dry periods. The soil profile consists of 3 inches of black sandy loam, followed by 8 inches of dark gray sand, followed by gray to light gray to grayish brown sand.

Winder Sand (55): This unit comprises approximately 1 percent of the subject property in the extreme southeast corner of the property. This is a deep, poorly-drained soil that occurs in in hammocks and drainageways. The water table is at a depth of 10 inches or less for 2 to 4 months during most years and from 10 to 40 inches for most of the remainder of the year. The soil profile consists of 6 inches of black loamy sand, followed by 12 inches of dark grayish-brown fine sand, followed by light gray sand and gray sandy clay loam.

6.3 Site Geology and Hydrogeology

Two major aquifers are located in St. Lucie County; the non-artesian shallow aquifer and the artesian Floridan aquifer (Reese, 2004). The shallow aquifer is the principal source of water in St. Lucie County. The aquifer extends from a few feet below land surface to a depth of approximately 150 feet at the coast, and thins to the west. The shallow aquifer is composed of the recent Pamlico Sand formation, Pleistocene-age Anastasia Formation and the Upper-Miocene-age Tamiami Formation. The shallow aquifer is underlain by a thick section of less permeable sediments that are predominantly sandy clay, fine sand and marl, the Miocene-age Hawthorn Group. This formation forms the upper confining layer to the underlying Floridan aquifer, consisting of a thick sequence of permeable limestones of Miocene and pre-Miocene age. In St. Lucie County, the Floridan aquifer yields brackish water and is used mainly for irrigation.

Groundwater in the shallow aquifer generally flows from areas of higher elevation towards the coast or streams where it can discharge as baseflow. Surface water in the adjacent drainage ditch to the north was observed to be flowing toward the east. For this reason, the direction of groundwater flow at the subject property is anticipated to be toward the east or northeast (toward Ten Mile Creek). Water enters the aquifer from rainfall and exits as baseflow to surface water (streams, canals), discharge to the coast, evapotranspiration, and downward recharge to deeper aquifers. Local groundwater flow (flow direction and velocity) may be influenced by the proximity of water-supply wells and local surface-water management. The specific groundwater flow beneath the subject property can only be determined by field methods.

7.0 HISTORICAL USE INFORMATION ON THE SUBJECT PROPERTY

The objective of consulting historical sources is to develop a history of the previous uses of the subject property, in order to help identify the likelihood of past uses having led to *RECs* in connection with the property. Only those sources deemed reasonably ascertainable were reviewed, pursuant to the standard practice.

7.1 Fire Insurance Maps

Sanborn® Fire Insurance Maps were not available for the subject property.

7.2 City Directories

Historical City Directories for the subject property were reviewed at the St. Lucie County Library in Fort Pierce. The directories were generally reviewed at approximately two to six-year intervals from 1959 to 2011. The address for the subject property (4201 South 25th Street) was searched.

A limited historical picture of the occupancy of the subject property and vicinity can be determined by this method. However, the City Directory Search is limited by the accuracy and completeness of the listings and because telephone connections to the property must be in place for the name of the occupant to be listed. The results of this evaluation included the following:

Year	Address	Occupants
1959	4201 South 25th Street	No Listing
1965	4201 South 25th Street	No Listing
1971	4201 South 25th Street	No Listing
1977	4201 South 25th Street	No Listing
1981	4201 South 25th Street	No Listing
1985	4201 South 25th Street	No Listing
1988	4201 South 25th Street	Listed as “Vacant”
1991	4201 South 25th Street	Harold Shadle
1996	4201 South 25th Street	Harold Shadle
1998	4201 South 25th Street	Harold Shadle, Fort Pierce Aquarium
2003	4201 South 25th Street	Harold Shadle, Fort Pierce Aquarium
2006	4201 South 25th Street	Kelly Smith
2009	4201 South 25th Street	No Listing
2011	4201 South 25th Street	No Listing

7.3 Historical Topographic Maps

GFA reviewed three available historical topographic maps (1970, 1983, and 2012) obtained from EDR. Copies of topographic maps are provided in **Appendix D**. The following observations for the subject property are made:

The 1970 map depicts the subject property as cleared or agricultural land. A small building structure (possibly a house) is depicted in the northeast portion of the property. A small circular-shaped intermittent pond is depicted to the west. The drainage ditch (canal) that borders the property to the north and South 25th Street bordering the property to the east are both visible at their current locations. Ten Mile Creek is visible approximately 1,000 feet to the east. The 1983 map depicts the subject property and surrounding areas to be essentially unchanged. However, a new building structure, smaller than the house, is now depicted on the subject property immediately adjacent to the house. The 2012 map does not show distinct features, but Palm Lakes Avenue to the south is now depicted. Two constructed lakes associated with the Palm Lakes Gardens development are now depicted to the west-southwest. No marshy areas, mines, or borrow pits are depicted on the subject property in any of the topographic maps reviewed.

7.4 Historical Aerial Photograph Review

Aerial photographs dated 1944, 1950, 1958, 1969, 1980, 1992, 1999, 2007, 2010, 2013, and 2017 were obtained from EDR. Available aerial photographs also were viewed on the Google Earth website. The subject property is visible in all the photographs. Copies of the historical aerial photographs are provided in **Figures 4 through 14**. A general description of each photograph using current names and identifiers follows.

1944: The subject property appears as undeveloped pastureland with low-growth vegetation (grass) and scattered scrub brush and/or trees. A small drainage ditch (canal) is visible along the north property boundary. South 25th Street is visible as an unpaved road at its current location along the east property boundary. A few small paths (possibly cattle trails) are visible crossing through the subject property.

1950: A small building structure (possibly a house) is now visible in the northeast portion of the subject property. An unpaved driveway from South 25th Street immediately south of the drainage ditch leads to the building. The remainder of the subject property appears as low-growth vegetation (grass). The scattered scrub brush and trees observed in the previous photograph have been removed.

1958: A shed and an unidentifiable cylindrical-shaped object (possibly an aboveground storage tank) are now visible on the subject property in addition to the small structure (house) observed in the previous photograph. An area of disturbed soil is noted in the northwest portion of the subject property. The buildings on the subject property appear to be associated with an aquaculture operation (fish farm) to the west.

1969: The house, shed, and cylindrical-shaped object on the subject property are still visible. Approximately 30 unidentifiable objects in rows (possibly small holding tanks on cinder blocks for the aquaculture operation) are now visible in the southwest portion of the subject property.

1980: Rows of unidentifiable objects (possibly small aquaculture ponds or tanks on cinder blocks) are visible along the west side of the property. The remainder of the subject property appears to be essentially unchanged from the previous photograph.

1992: The house, shed and cylindrical-shaped object on the subject property are still visible in the northern portion of the subject property. Unidentifiable objects (possibly small aquaculture ponds or tanks) are again visible along the west side of the property. The south two-thirds of the property has become overgrown with dense vegetation. The property appears to be inactive.

1999: The subject property appears to be essentially unchanged from the previous photograph.

2007: The house, shed and cylindrical-shaped object that were seen in the previous five photographs have been removed and are no longer visible. A large soil pile or area of disturbed soil is now visible in the eastern one-half of the subject property. The soil pile may stock piled material that originated from excavation of a retention pond that had been constructed adjacent to the north.

2010: The soil pile seen on the subject property in the previous photograph appears to have been removed. A small area of disturbed soil is visible in the northern portion of the property, but the remainder appears to have been regrown with vegetation. appears to be essentially unchanged from the previous photograph.

2013 The subject property appears to be essentially unchanged from the previous photograph.

2017: The subject property appears to be essentially unchanged from the previous photograph.

7.5 Previous Environmental Investigations

No previous environmental investigation reports for the subject property were provided by the client or found in the regulatory agency review.

Based on all the information obtained, and the standard record sources utilized during the course of this assessment, no additional record sources were deemed necessary for the purpose of identifying *RECs* associated with the subject property.

8.0 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

8.1 Fire Insurance Maps

Sanborn® Fire Insurance Maps were not available for the adjoining properties.

8.2 City Directories

Because the surrounding properties have been historically undeveloped or agricultural with no

historical address, city directory listings for adjacent properties were not reviewed.

8.3 Historical Topographic Maps

No marshy areas, mines, or borrow pits are depicted on the adjoining properties in any of the topographic maps reviewed.

8.4 Historical Aerial Photographs

1944: The adjacent properties to the north, west, and south appear to be pastureland similar to the subject property. The adjacent property to the east (across South 25th Street) appears to be agricultural (row crops) with small irrigation ditches at approximate 100-foot intervals.

1950: The adjacent properties appear to be essentially unchanged except that the property to the east no longer appears to be agricultural. The small irrigation ditches are no longer visible.

1958: Numerous (at least 210) small, elliptical-shaped ponds in rows that has the appearance of an aquaculture operation or tropical fish farm are now visible on the adjacent property to the west. The buildings on the subject property appear to be associated with the aquaculture operation to the west. The adjacent property to the south appears as low-growth vegetation (grass). Two small buildings (possibly houses or one house and a shed) are now visible approximately 400 feet to the south. A citrus grove is now visible adjacent to the east (across South 25th Street).

1969: The ponds on the adjacent property to the west have been reconfigured. The ponds have been expanded in size and a fewer number of them (approximately 56) are now visible. Approximately 18 new small elliptical-shaped ponds (two rows of nine) are now visible on the adjacent property to the south. A citrus grove is now visible on the adjacent property to the north (across the drainage ditch). The trees appear to be young. The adjacent property to the east (across South 25th Street) appears to be essentially unchanged (citrus grove). subject property appears to be essentially unchanged from the previous photograph.

1980: The aquaculture operation is still visible adjacent to the west. The ponds have been reconfigured again. There are now five rows with 12 ponds in each row. The ponds on the adjacent property to the south that were visible in the previous photograph have been removed and filled. This area now appears as low-growth vegetation (grass). The citrus grove to the north is still visible. The adjacent

property to the east (across South 25th Street) appears to be inactive and has reverted into woodlands. South 25th Street now appears to be paved.

1992: Development of Palm Lakes Gardens to the south and west appear to be ongoing. Two houses within this development are visible adjacent to the south of the subject property. The adjacent lots to the west have been cleared for development but appear to be vacant. The citrus grove to the north and woodlands to the east (across South 25th Street) are still visible.

1999: The surrounding properties appear to be essentially unchanged from the previous photograph.

2007: Construction of Fort Pierce Central High School to the north appears to be ongoing. A retention pond for the high school has been constructed immediately to the north of the subject property. Houses within the Palm Lakes Gardens Development are now visible on the adjacent lots to the west and southwest of the subject property. Widening of South 25th Street into a divided, 4-lane roadway appears to be in progress. A pond has been constructed to the east (across South 25th Street).

2010: Construction of the high school to the north and widening of South 25th Street appear to be completed. The remaining surrounding areas appear to be essentially unchanged from the previous photograph.

2013: The surrounding areas appear to be essentially unchanged from the previous photograph.

2017: The surrounding areas appear to be essentially unchanged from the previous photograph.

9.0 SITE RECONNAISSANCE INFORMATION

9.1 Methodology and Limiting Conditions

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying *RECs* in connection with the property. GFA personnel visually and physically observed the property not obstructed by bodies of water, adjacent buildings, or other obstacles, such as high-standing vegetation. Robert P. Crowell, P.G., Senior Geologist with GFA performed a walk-through reconnaissance at the subject property on August 17, 2018. The subject property boundaries were based on the information provided by the Client. Photographs of the subject

property taken during site reconnaissance are included as **Appendix E**.

9.2 General Site Setting

Within the scope of this Phase I ESA, GFA noted the uses and conditions of the subject property, to the extent visually or physically observed during the site visit. The subject property was observed to be vacant vegetated land.

9.3 Hazardous Substances in Connection with Identified Uses

One 5-gallon bucket labeled "Bull's Eye Primer and Sealer" and two rusted 1-gallon paint cans were observed among discarded debris on the property. The 5-gallon bucket was sealed with a lid. It was observed to contain liquid, but no evidence of a release was observed. One of the two paint cans appeared to have released cured paint to the ground surface. Because the release was limited and cured paint, it is considered to be *de minimis*. No other hazardous substances were observed on the subject property during site reconnaissance.

9.4 Storage Tanks

No aboveground or evidence of underground storage tank systems (vent pipes, fill ports, pipelines, or access ways indicating underground storage tanks) were observed on the subject property during the site visit.

9.5 Odors

No noxious or unusual odors were detected on the property during the site reconnaissance.

9.6 Pools of Liquid

No standing surface water or other pools of liquid were observed on the property.

9.7 Drums

One open-top 55-gallon unlabeled high-density polyethylene (HDPE) drum was observed partially buried with a debris pile. The drum appeared to contain trash. Another open-top 55-gallon unlabeled HDPE drum that had been cut in half also was observed among a debris pile. This drum was observed to contain broken aquarium glass.

9.8 Hazardous Substance and Petroleum Products Containers

No hazardous substances or petroleum product containers were evident at the subject property.

9.9 Unidentified Substance Containers

No significant unidentified substance containers were observed on the property during the site visit.

9.10 Indications of Polychlorinated Biphenyls

No pole or pad-mounted electrical transformers or other electrical equipment that may contain polychlorinated biphenyls (PCBs) were noted on the subject property.

9.11 Indications of Pits, Ponds or Lagoons

No evidence of pits, ponds, or lagoons; stained soil or pavement; stressed vegetation; solid waste disposal, waste burial, waste water discharges, septic systems; or potable or irrigation wells was observed on the subject property. No evidence of trash, debris or improper fill materials was observed.

9.12 Indications of Solid Waste Disposal

Several piles of discarded debris and trash were observed on the property. In particular, the majority of the discarded trash/debris was observed near the west boundary and in the south-central portion of the property. The discarded debris consisted of broken concrete and cinder blocks, scrap plastic piping, scrap wood, clothing and rugs, scrap plastic, water treatment cannisters and broken glass. A few discarded tires were observed near the southeast corner of the subject property. These discarded debris materials appear to be inert and not likely to adversely impact soil or groundwater at the site. However, much of the debris were buried in piles and/or covered with dense vegetation precluding precise inspection. This discarded debris/trash may be in violation of Florida Statute 403.413 (“Florida Litter Law”).

9.13 Other Observations

No other significant observations were noted.

10.0 INFORMATION FROM INTERVIEWS

10.1 Interview with Owner

The contact information for the current owner was not provided and an owner questionnaire was not returned. For these reasons, no owner interviews were performed. This is considered a data gap.

10.2 Interview with Occupants

The property is currently unoccupied.

10.3 Interviews with Local Government Officials

GFA conducted a file review on the Florida Department of Environmental Protection's online OCULUS system regarding the subject property and surrounding properties identified during the records review. Information obtained during the interview is included in this report.

11.0 DATA GAPS AND FAILURE

11.1 Data Gaps

Dense vegetation precluded precise inspection to portions of the property. The contact information for the current owner was not provided and an owner questionnaire was not returned. For these reasons, no owner interviews were performed. An ELS was not performed. The data gaps identified are not considered significant and do not indicate the likelihood of past uses having led to *RECs* in connection with the property.

11.2 Data Failure

A data failure occurs when the review of historical information, does not identify the use of a property back to the first development or to 1940 (whichever is earlier). The earliest available record for the site dates back to a 1944 aerial photograph, which depicts the site and surrounding areas as undeveloped pastureland. Due to visible observations made and a review of the available historical resources, this data failure does not pose a *REC* in connection with the subject property.

12.0 FINDINGS

GFA has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E1527-13 of a ±1.4-acre vacant property located at 4201 South 25th Street in Fort Pierce, Florida 34981. Any limitations, exceptions, or deletions from this practice are described in this report.

12.1 *VECs*

Based on our research and site reconnaissance, no *VECs* were identified in connection with the subject property.

12.2 RECs

Based on our research and site reconnaissance, no *RECs* were identified in connection with the subject property.

12.3 Controlled Environmental Conditions

Based on our research and site reconnaissance, no *controlled RECs* were identified in connection with the subject property.

12.4 Historical Environmental Conditions

Based on our research and site reconnaissance, *no historical RECs* were identified in connection with the subject property.

12.5 *De minimis* Conditions

De minimis conditions identified in relation to the subject property include a small volume of discarded trash/debris was observed on the property. The trash/debris consisted of inert materials and therefore, is not considered a *REC*.

13.0 OPINION

It is the opinion of GFA that no further assessment or investigation is necessary at this time. The discarded debris/trash should be removed for proper disposal.

14.0 CONCLUSIONS

GFA has performed a Phase I Environmental Site Assessment of a ±1.4-acre vacant property located at 4201 South 25th Street in Fort Pierce, Florida 34981. The assessment was performed in general conformance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in this report.

This assessment has revealed no evidence of *RECs or VECs* in connection with the subject property.

A small volume of discarded trash/debris was observed on the property. The trash/debris consisted of inert materials and therefore, is not considered a REC. This may be in violation of the Florida Statutes 403.413 ("Florida Litter Law"). The discarded trash/debris should be removed for proper disposal.

15.0 DEVIATIONS

No deviations from the standard practices occurred during the Phase I ESA. No other deviations regarding budgets, due dates, or limitations were encountered during the course of this Phase I ESA.

16.0 ADDITIONAL SERVICES

The purpose of the Phase I ESA was met through the performance of four components: records review, site reconnaissance, interviews, and preparation of the Phase I ESA report. Non-scope considerations, or those issues considered to be of potential environmental concern at a property outside the scope of the ASTM E 1527-13 practice, were not addressed. More specifically, non-scope considerations which were not included within GFA's Phase I ESA scope of work included, but were not limited to: asbestos containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historical risks, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality (with exception of vapor intrusion due to a release of hazardous substances or petroleum compounds), and high voltage

power lines. In accordance with ASTM E 1527-13, Section 13.1.5, no assessment of such non-scope considerations is required for appropriate inquiry as defined in the standard practice.

16.1 Suspect Asbestos Containing Materials

An asbestos inspection was not performed as part of this assessment. No current building structures are located on the subject property. No suspected asbestos containing materials were observed.

16.2 Lead-Based Paint

A lead-based paint survey was not performed as part of this assessment. No painted surfaces were observed on the property.

16.3 Mold

A mold survey was not conducted as part of this Phase I ESA. However, no obvious mold-impacted areas were observed.

16.4 Radon

Radon is a naturally-occurring radioactive gas generated from the decay of radium. It cannot be seen, smelled, or tasted. Indoor radon levels, which are dependent upon the construction of the building and the concentration of radon in the underlying soils, are more commonly a potential area of concern for buildings that have a basement. Based on the "Florida Statewide Radiation Study" prepared by Geomet Technologies, Inc., for the Florida Institute of Phosphate Research in November 1987, St. Lucie County has a low potential for radon. For that study, a total of 31 indoor radon samples were collected in St. Lucie County. Radon concentrations ranged from 0.2 picoCuries per liter (pCi/L) to 1.0 pCi/L. None of the 31 samples tested contained radon above the USEPA guidance concentration of 4.0 pCi/L.

The USEPA has designated St. Lucie County as a Zone 3, the lowest radon potential (EPA's Map of Radon Zones-Florida, United States Environmental Protection Agency, Office of Radiation and Indoor Air, September 1993). The predicted indoor radon concentration for Zone 3 is less than 2 pCi/L. Based on the referenced data, the potential for radon exposure, exceeding the USEPA guidance levels at the subject property is low.

16.5 Lead in Drinking Water

The property is undeveloped with no current building structures. No potable/drinking water

supplies currently exist on the subject property. Based on current infrastructure, water to the property is expected to become available from Fort Pierce Utilities. According to the Fort Pierce Utilities website, the 90th percentile lead concentration in the general distribution system in 2017 (latest results available) was 0.7 parts per billion (ppb). This is below the Action Level (State Drinking Water Standard and Maximum Contaminant Level) of 15 ppb. Based on the referenced data, the potential for lead in drinking water exposure, exceeding the Action Level at the subject property is low.

16.6 Wetlands

A wetlands survey was not performed as part of this Phase I ESA. No obvious wetland areas were observed on the subject property. Soil types indicative of wetland areas were not identified on the subject property. The National Wetlands Inventory (NWI) map does not identify wetlands on the subject property.

16.7 Threatened and Endangered Species

A specific Threatened and Endangered (T&E) Species survey was not performed as part of this Phase I ESA. However, GFA will note if T&E species or evidence of T&E species are observed. No obvious evidence of T&E species (gopher tortoise burrows) were observed on the subject property.

16.8 Wellfield Protection Zones

GFA reviewed the City of Fort Pierce Comprehensive Plan, GOP Map 1-4 dated February 2011, "Well Locations and Wellfield Protection Zones". The subject property is not located within any wellfield protection zones.

17.0 REFERENCES

1. *ASTM Standards on Environmental Site Assessments for Commercial Real Estate (ASTM Practice E 1527-13)*: 1916 Race Street, Philadelphia 19103.

2. Environmental Data Resources (EDR®), Inc., Radius Map satisfying Government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-13.

3. *Geologic Map of Florida*: U.S. Geologic Survey - State of Florida; Center for Environmental & Natural Resources. 1981.

4. Geomet Technologies, Inc., 1987. "Florida Statewide Radiation Study". prepared for the Florida Institute of Phosphate Research, November 1987.

5. *The Physiographic Divisions of Florida*: Cooperative Extension Service; University of Florida; Institute of Food & Agricultural Sciences; U.S. Department of Agriculture. 1981.

6. Google Earth. 2018. [Online] http://earth.google.com/download-earth.html.

7. Reese, R.S., 2004. Hydrogeology, Water Quality, and Distribution and Sources of Salinity in the Floridan Aquifer System, Martin and St. Lucie Counties, Florida, United States Geological Survey, Water Resources Investigations Report 03-4242, 2004.

8. Watts, F. C., and Stankey, D., L., 1980. *Soil Survey of St. Lucie County Area, Florida*: U.S. Department of Agriculture, Soil Conservation Service, March 1980.

9. USEPA, 1993. "EPA's Map of Radon Zones-Florida", Office of Radiation and Indoor Air, September 1993.

18.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Qualifications of individuals participating in this ESA are included in **Appendix F**.

FIGURES

Figure 1: Site Location Map
Figure 2: Site Sketch
Figure 3: Topographic Map
Figure 4: Aerial Photograph, 1944
Figure 5: Aerial Photograph, 1950
Figure 6: Aerial Photograph, 1958
Figure 7: Aerial Photograph, 1969
Figure 8: Aerial Photograph, 1980
Figure 9: Aerial Photograph, 1992
Figure 10: Aerial Photograph, 1999
Figure 11: Aerial Photograph, 2007
Figure 12: Aerial Photograph, 2010
Figure 13: Aerial Photograph, 2013
Figure 14: Aerial Photograph, 2017

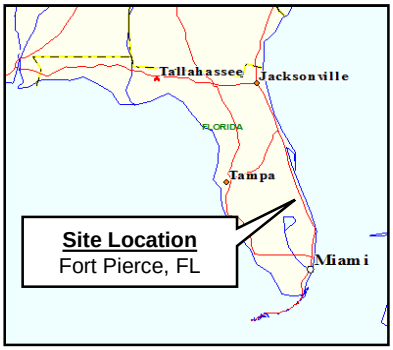
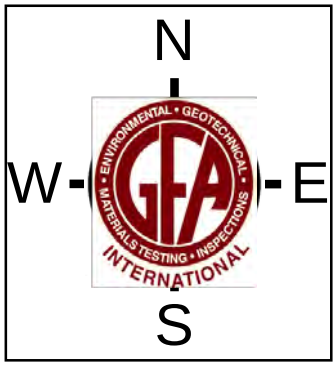
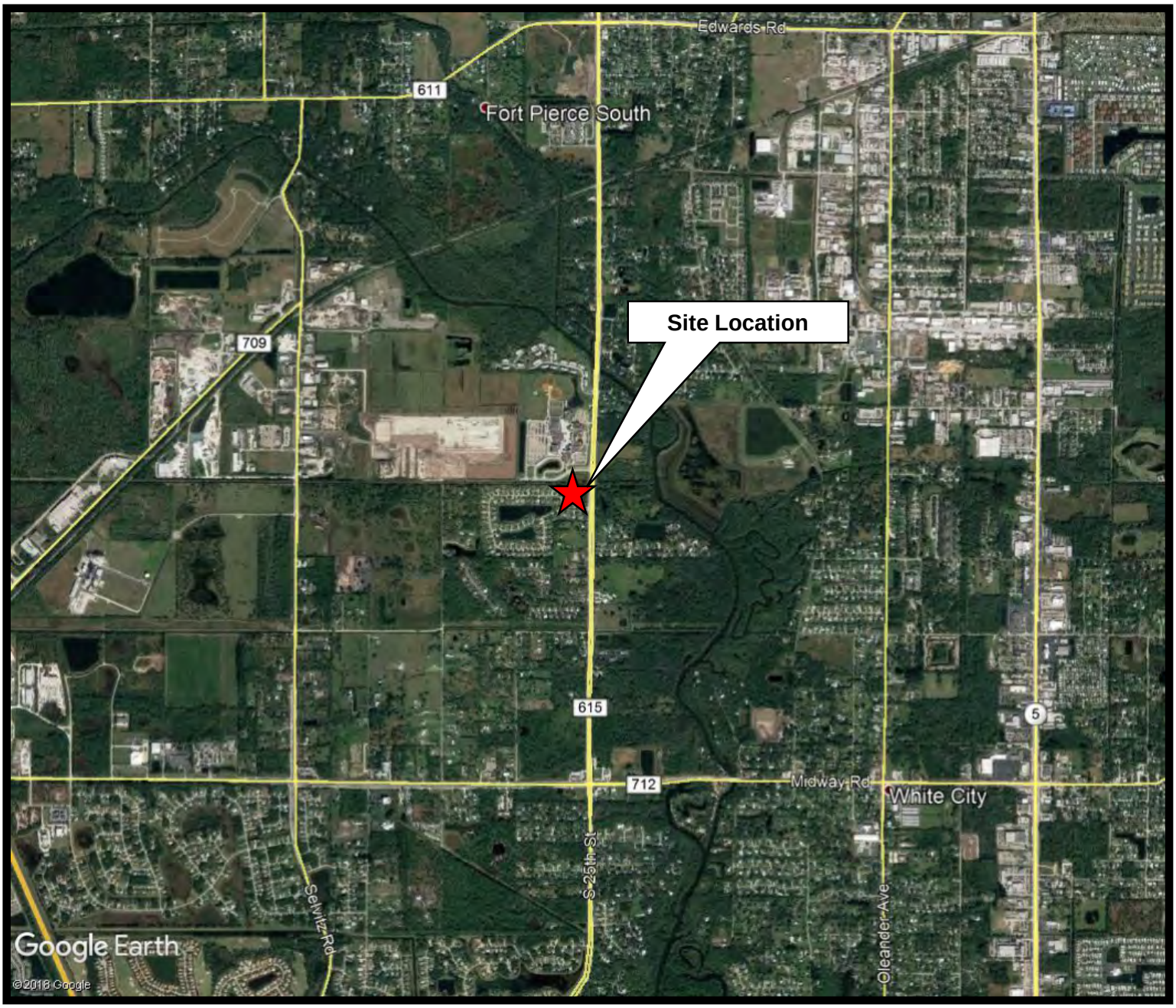


FIGURE 1
SITE LOCATION MAP

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981





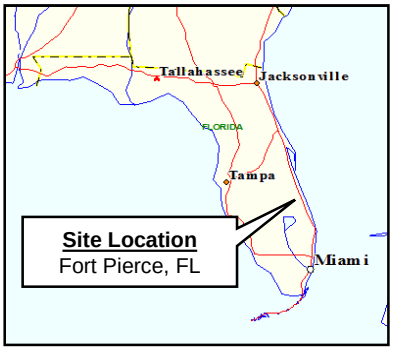


FIGURE 2
SITE SKETCH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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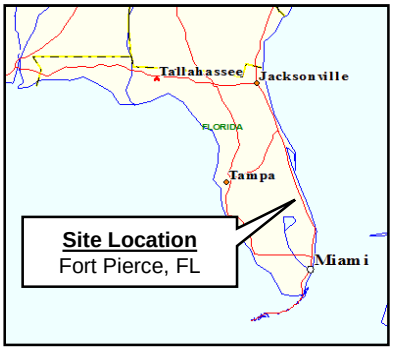

FIGURE 3
TOPOGRAPHIC MAP

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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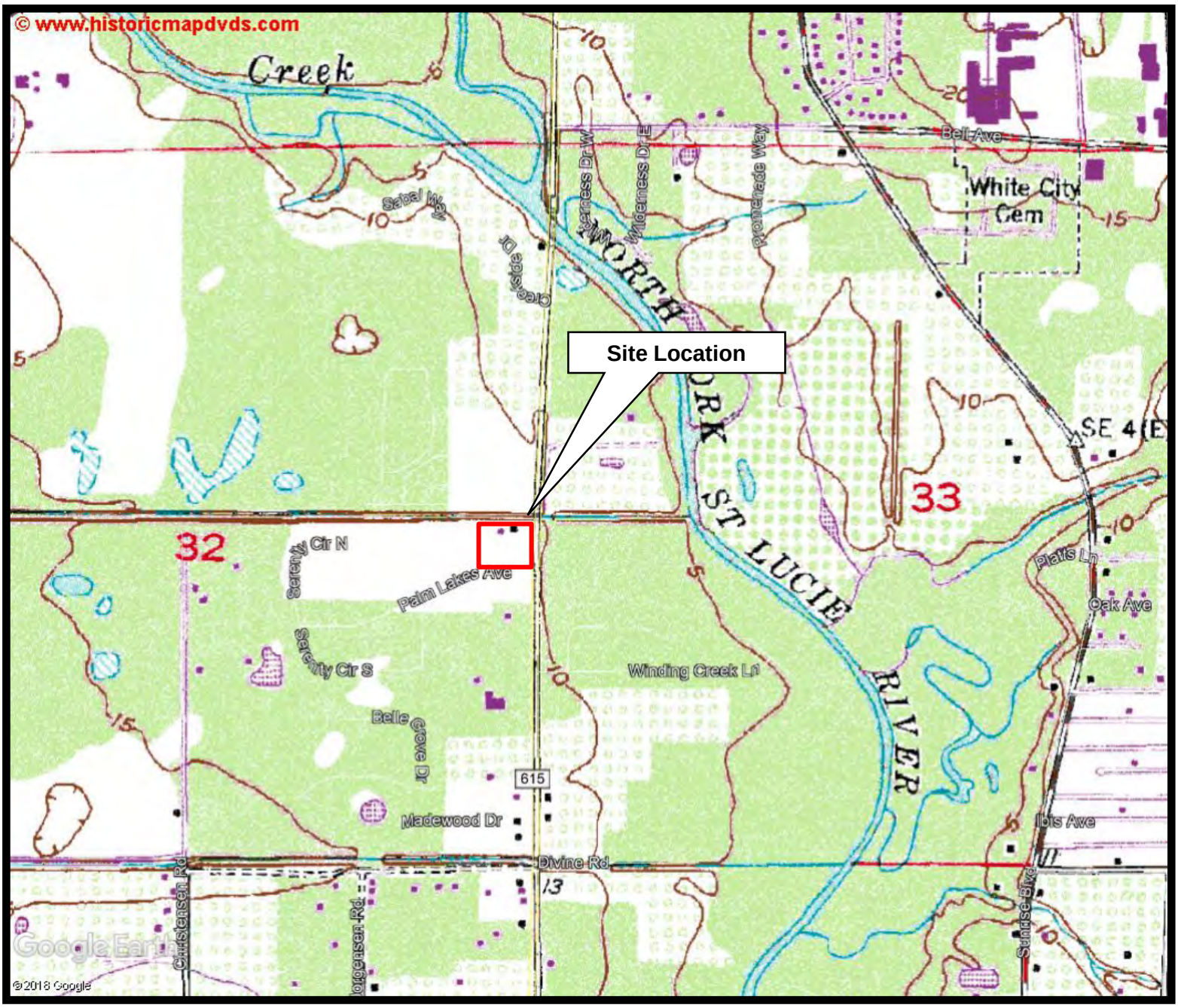

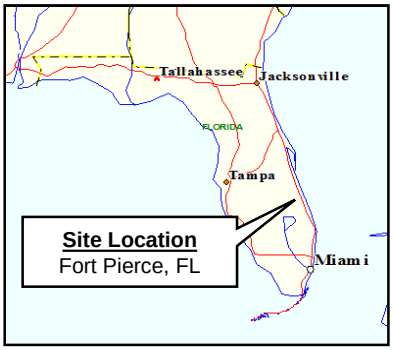

FIGURE 4
1944 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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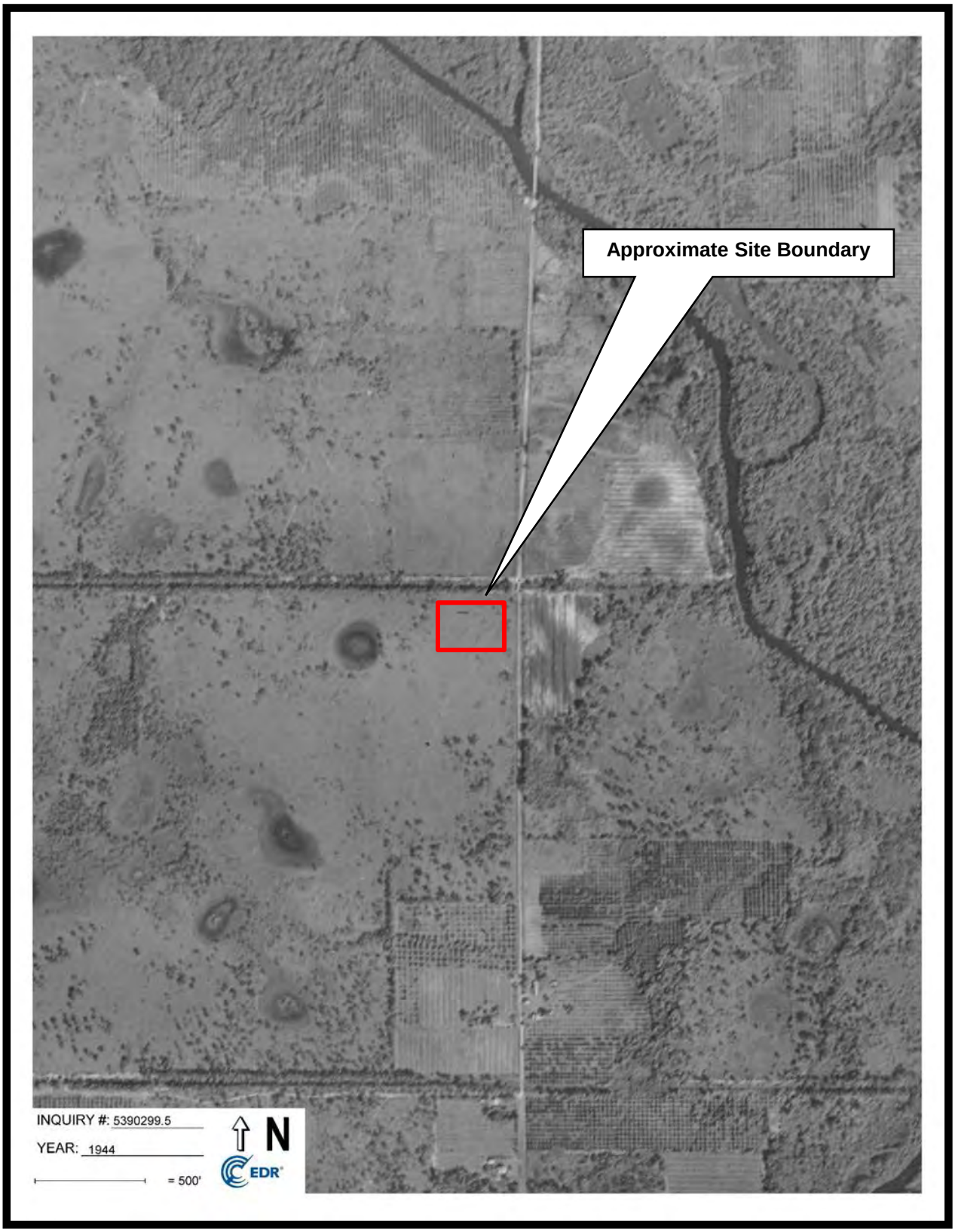

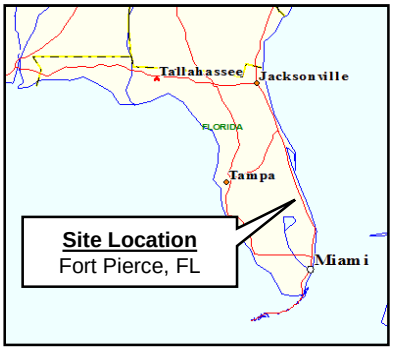

FIGURE 5
1950 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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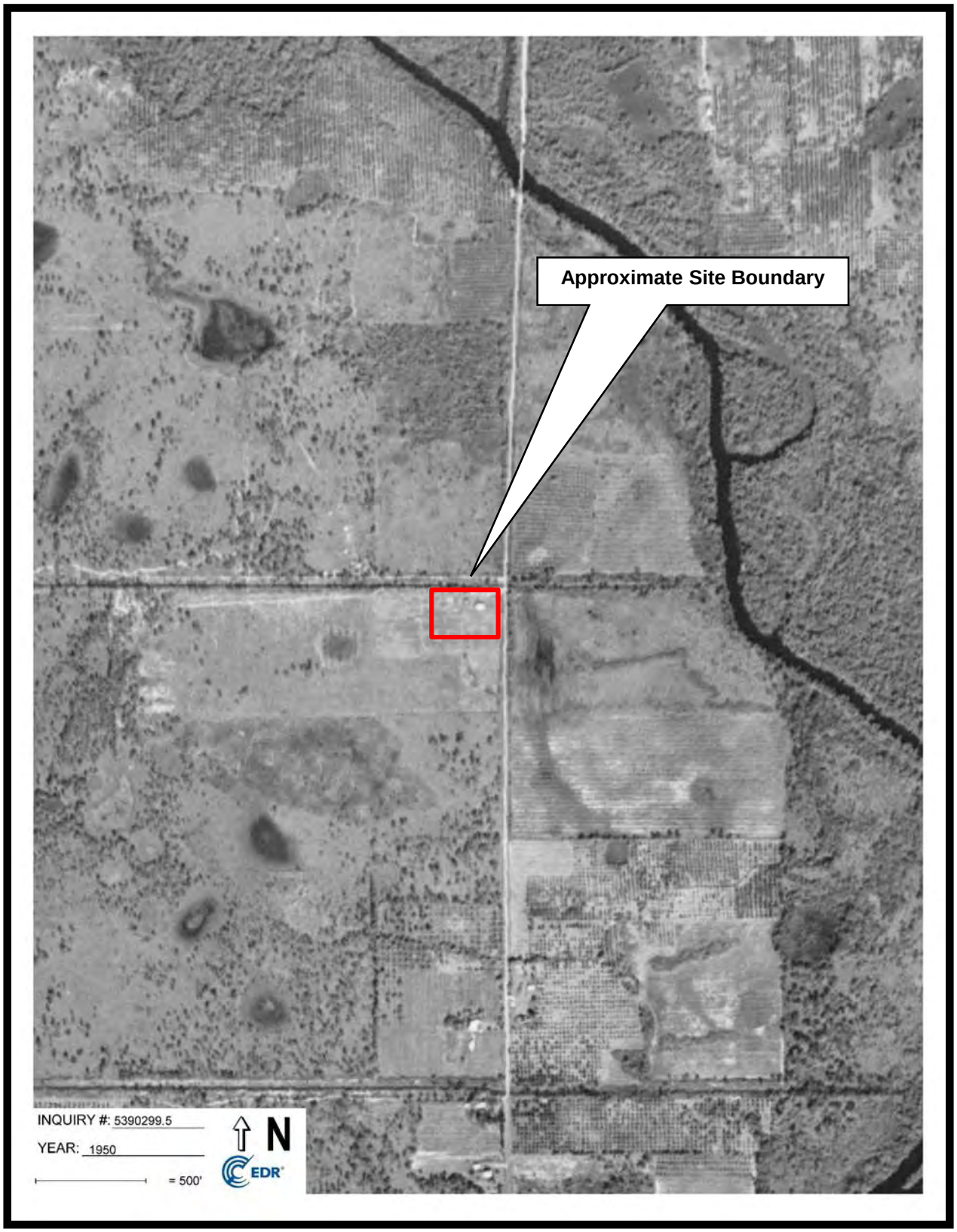

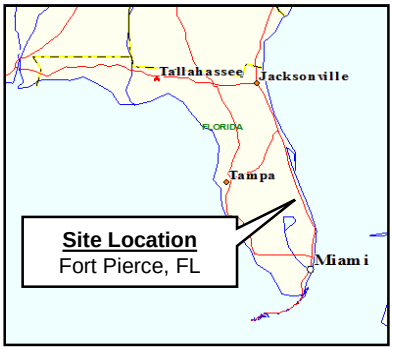

FIGURE 6
1958 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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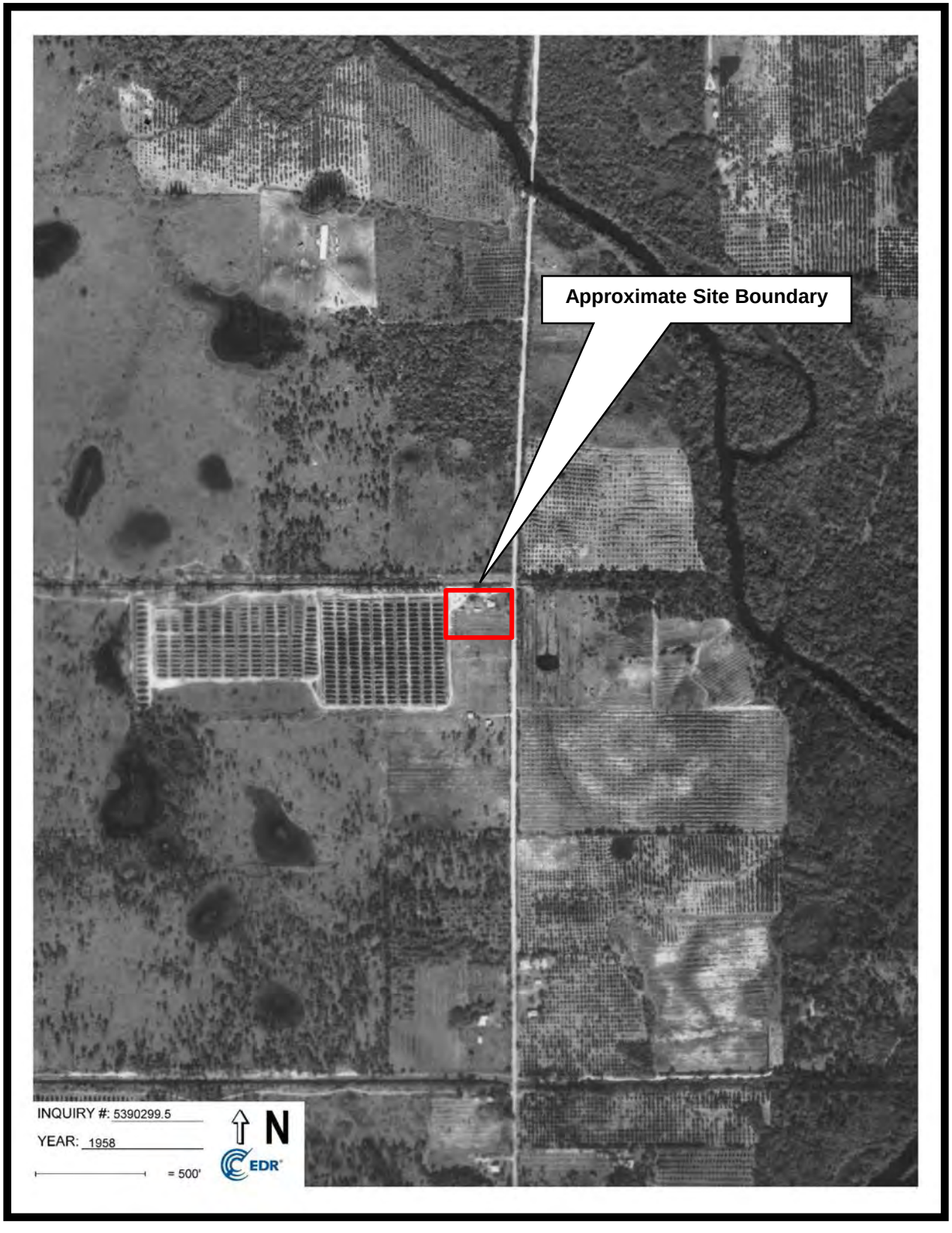

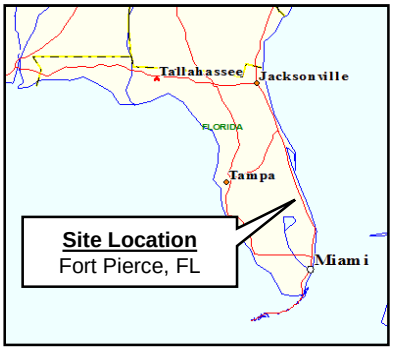

FIGURE 7
1969 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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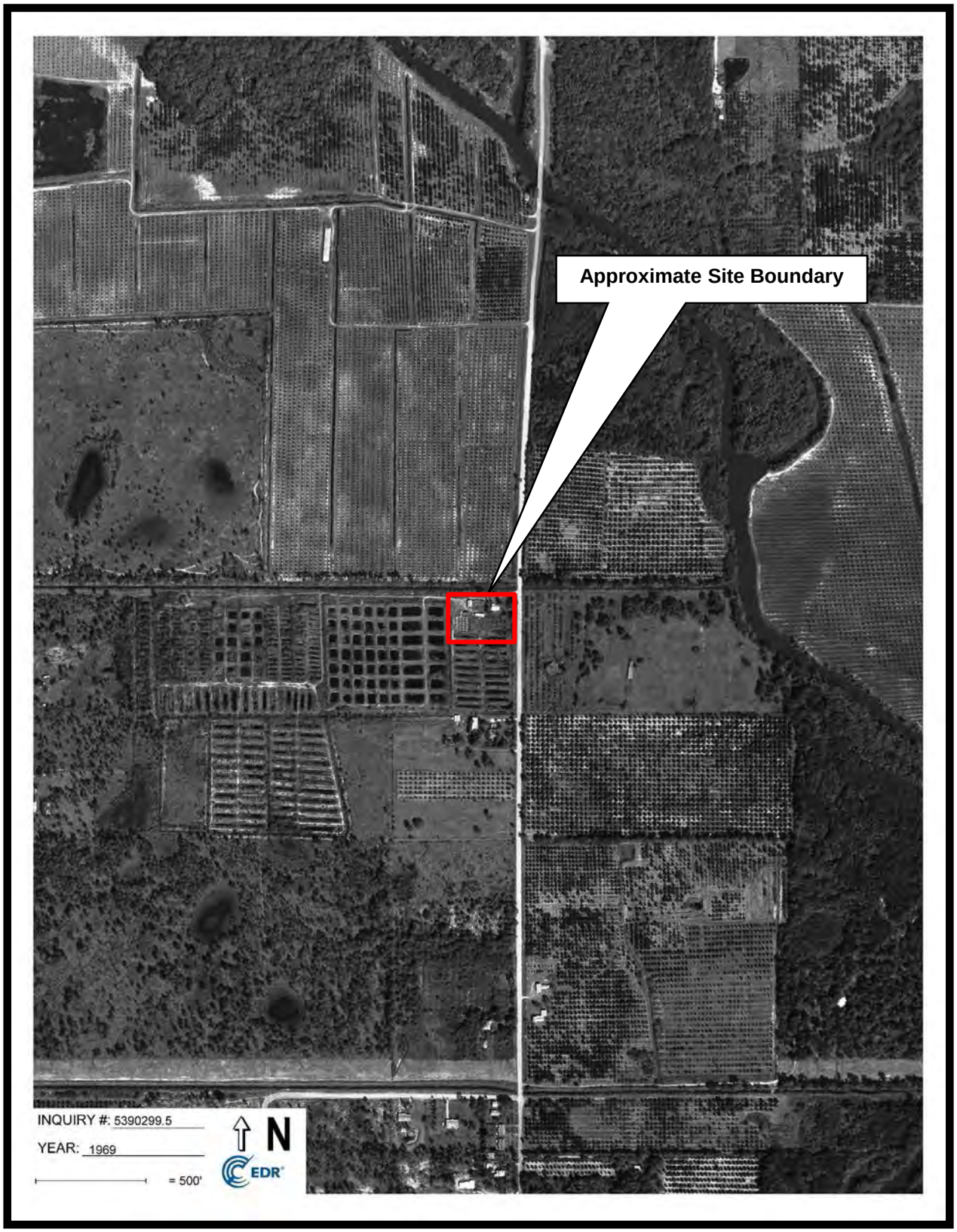

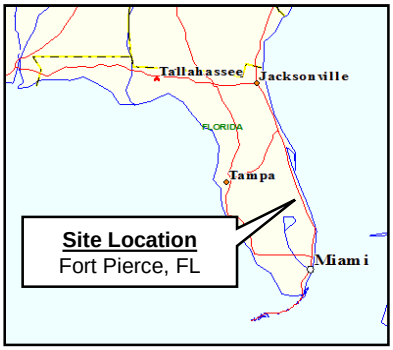

FIGURE 8
1980 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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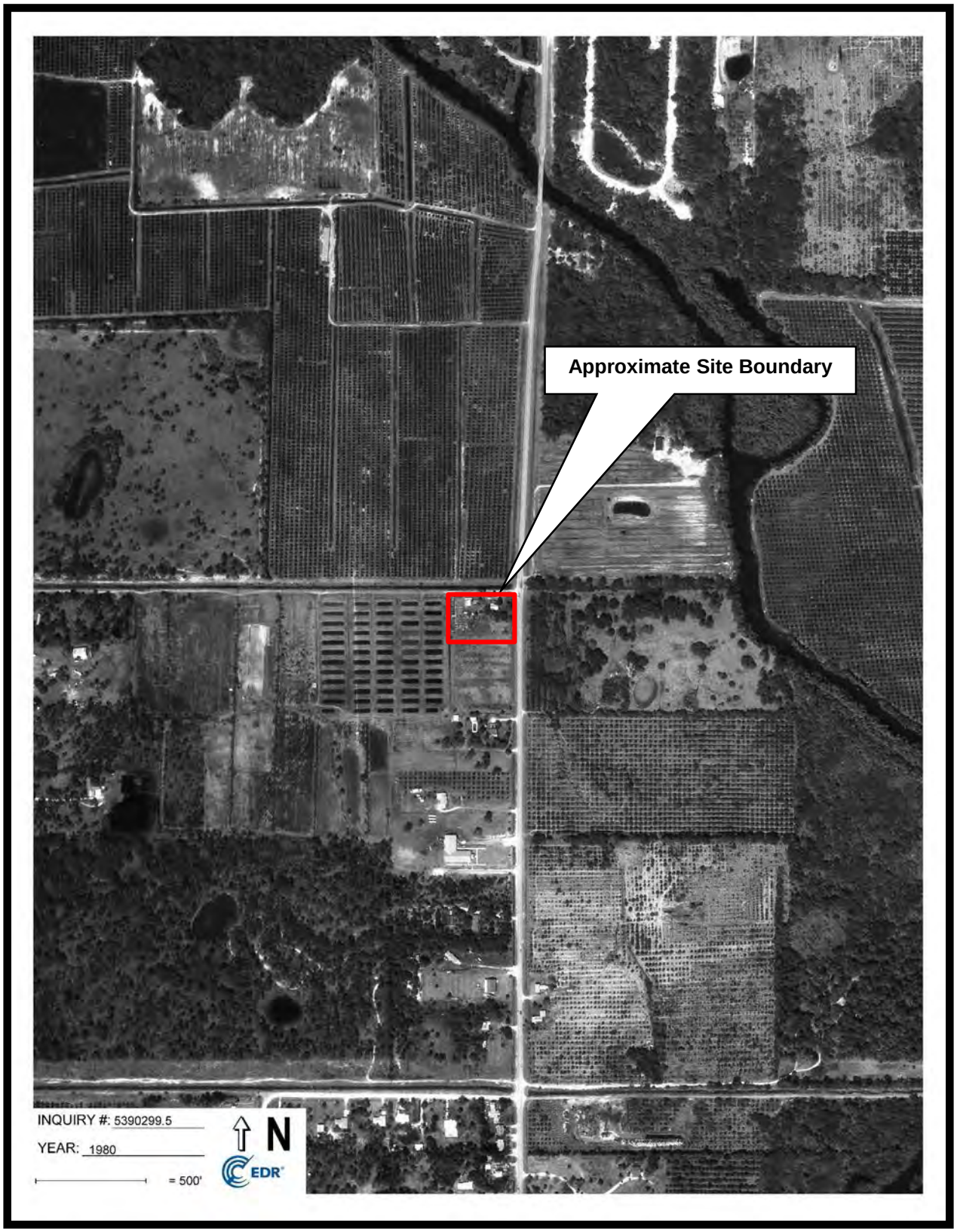

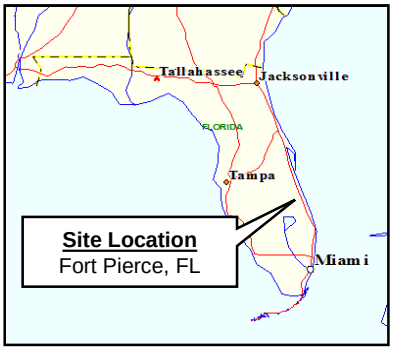

FIGURE 9
1992 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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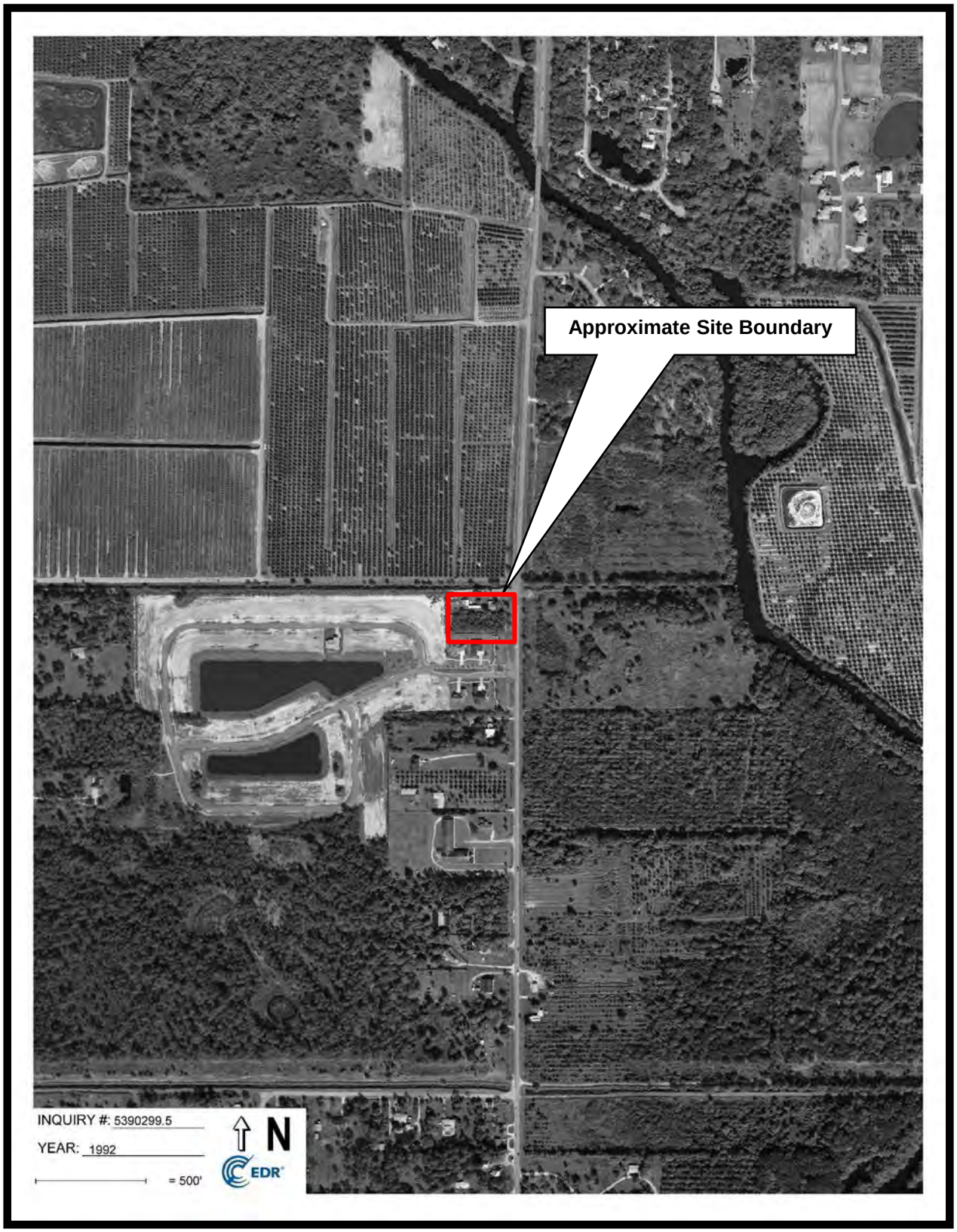

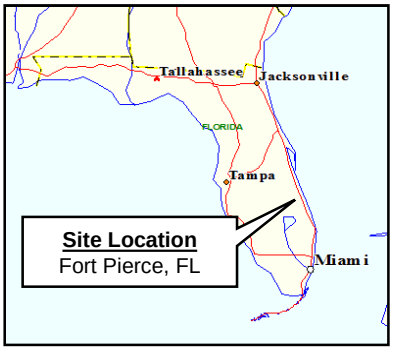

FIGURE 10
1999 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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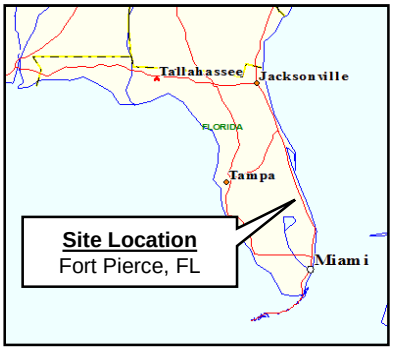

FIGURE 11
2007 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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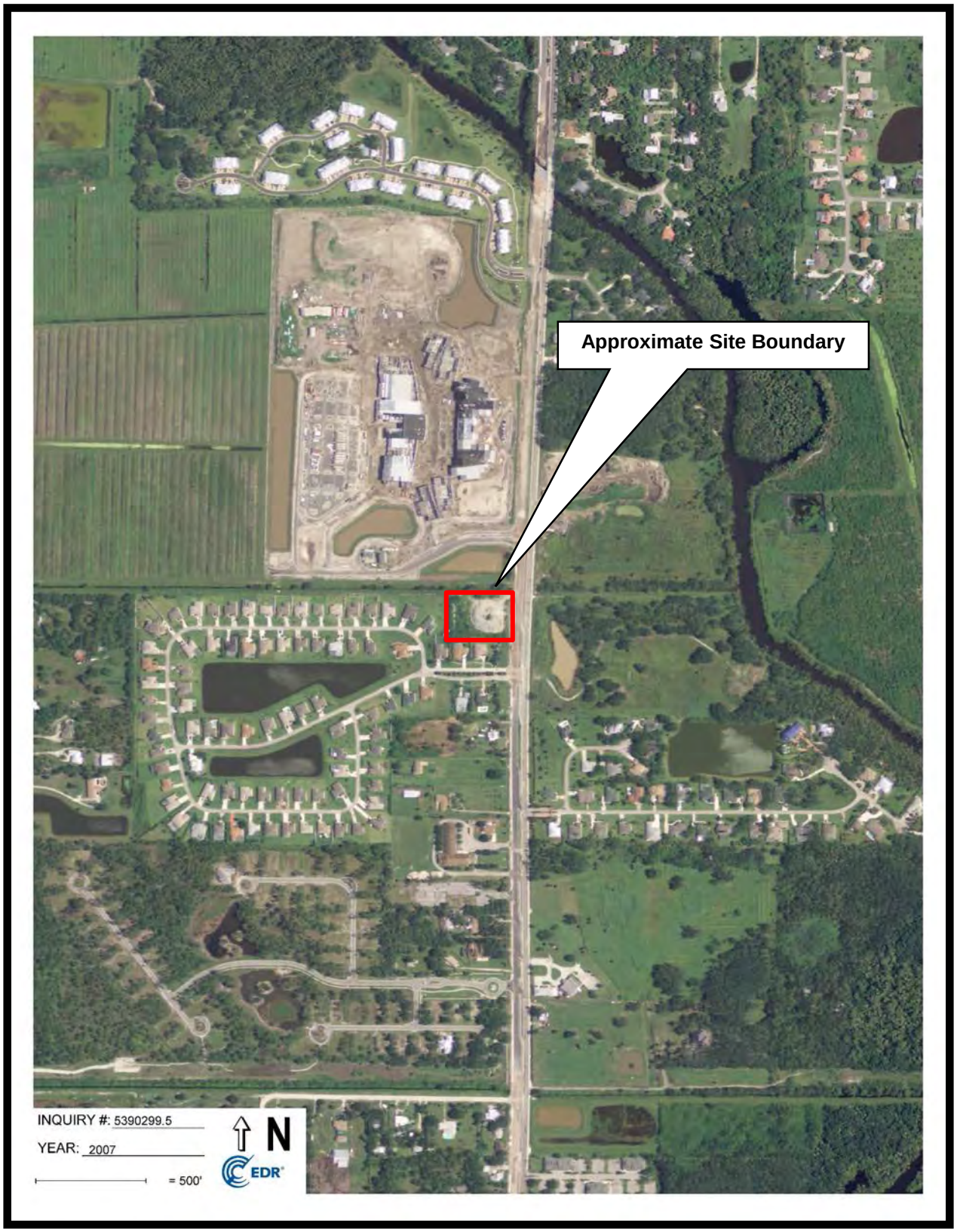

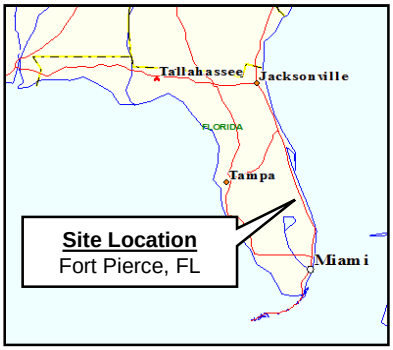

FIGURE 12
2010 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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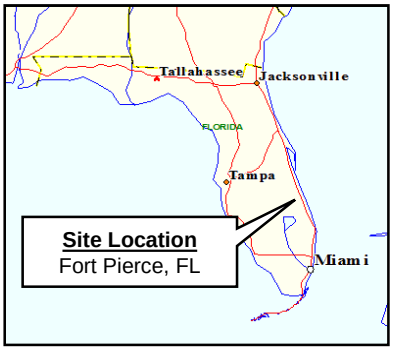

FIGURE 13
2013 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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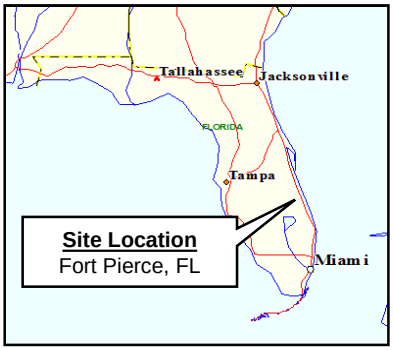

FIGURE 14
2017 AERIAL PHOTOGRAPH

1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

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APPENDIX A

Environmental Information Questionnaire

ENVIRONMENTAL INFORMATION QUESTIONNAIRE (EIQ)
(To be completed during site investigation activities)

DATE: Site Visit – August 17, 2018

PROJECT NAME: 18-8676.00 – 1.4-Acre Vacant Property

PROJECT ADDRESS AND LOCATION:4201 South 25th Street, Fort Pierce, St. Lucie County, Florida

CLIENT: Red Lion Construction Corporation

CLIENT ADDRESS: 701 Hidden River Drive, Port St. Lucie, Florida 34983

CLIENT PHONE NUMBER: (727) 463-3800

PROPERTY OWNER: Kelly Smith

Address:

PROPERTY MANAGER:

Address:

Phone:

OCCUPANTS: N/A

Address:

Phone:

Question	Observed During Site Visit		
1a. Is the property used for an *industrial* use?	☐Yes	☒ No	☐ Unk
1b. Is any *adjoining property* used for an industrial use.	☐Yes	☒ No	☐ Unk
2a. Did you observe evidence or do you have any prior knowledge the *property* has been used for an industrial use in the past.	☐Yes	☒ No	☐ Unk
2b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used for an industrial use in the past.	☐Yes	☒ No	☐ Unk
3a. Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	☐Yes	☒ No	☐ Unk
3b. Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	☐Yes	☒ No	☐ Unk

Question	Observed During Site Visit		
4a. Did you observe evidence or do you have any prior knowledge that the *property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	☐Yes	☒ No	☐ Unk
4b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	☐Yes	☒ No	☐ Unk
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility.	☐Yes	☒ No	☐ Unk

Question	Observed During Site Visit		
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility?	☐Yes	☒ No	☐ Unk
6a. Are there currently any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?	☐Yes	☒ No	☐ Unk
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial *drums (*typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?	☐Yes	☒ No	☐ Unk
7a. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the property that originated from a contaminated site?	☐Yes	☒ No	☐

Question	Observed During Site Visit		
7b. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the property that is of an unknown origin?	☐Yes	☒ No	☐ Unk
8a. Are there currently any *pits*, *ponds*, or *lagoons* located on the *property* in connection with waste treatment or waste disposal?	☐Yes	☒ No	☐ Unk
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any *pits, ponds*, or *lagoons* located on the property in connection with waste treatment or waste disposal.	☐Yes	☒ No	☐ Unk
9a. Is there currently any stained soil on the *property*.	☐Yes	☒ No	☐ Unk
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the *property*?	☐Yes	☒ No	☐ Unk
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the *property*?	☐Yes	☒ No	☐ Unk

Question	Observed During Site Visit		
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*.	☐	☒ No	☐ Unk
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	☐ Yes	☒ No	☐ Unk
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	☐ Yes	☒ No	☐ Unk
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property.	☐ Yes	☒ No	☐ Unk

Question	Observed During Site Visit		
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	☐	☒ No	☐ Unk
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminates have been identified in the well of system that exceed guidelines applicable to the water system?	☐Yes	☒ No	☐ Unk
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental / health agency?	☐Yes	☒ No	☐ Unk

Question			
14. Does the *owner* or *occupant* of the *property* have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*?	☐Yes	☒ No	☐ Unk
15a. Has the owner or occupant of the property been informed of the past existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*?	☐Yes	☒ No	☐ Unk
15b. Has the *owner* or *occupant* of the *property* been informed of the current existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*?	☐Yes	☒ No	☐ Unk
15c. Has the *owner* or *occupant* of the *property* been informed of the past existence of environmental violations with respect to the *property* or any facility located on the *property*?	☐Yes	☒ No	☐ Unk

Observed During Site Visit

Question			
15d. Has the *owner* or *occupant* of the *property* been informed of the current existence of environmental violations with respect to the *property* or any facility located on the *property*?	☐Yes	☒ No	☐ Unk
16. Does the owner or *occupant* of the *property* or facility have any knowledge of any *environmental site assessment* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property*?	☐Yes	☒ No	☐ Unk
17. Does the *owner* or *occupant* of the *property* know of the any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened of any *hazardous substance* or *petroleum products* involving the *property* by owner or occupant of the *property*?	☐Yes	☒ No	☐ Unk

Observed During Site Visit

Question	Observed During Site Visit		
18a. Does the *property* discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	☐Yes	☒ No	☐ Unk
18b.Does the *property* discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	☐Yes	☒ No	☐ Unk
19. Did you observe evidence or do you have any prior knowledge that any *hazardous substances* or *petroleum products,* unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the *property?*	☒Yes (discarded debris was observed)	☐ No	☐ Unk
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCB's?	☐Yes	☒ No	☐ Unk

Government Records / Historical Sources Inquiry

(See guide, Section 10)

21. Do any of the following Federal government record systems list the property or any property within the search distance noted below:

Database	Approximate Minimum Search Distance, miles (kilometers)		
Federal NPL site list	1.0 (1.6)	☐Yes	☒No
Federal Delisted NPL site list	0.5 (0.8)	☐Yes	☒No
Federal SEMS (CERCLIS) list	0.5 (0.8)	☐Yes	☒No
Federal SEMS (CERCLIS) NFRAP site list	0.5 (0.8)	☐Yes	☒No
Federal RCRA CORRACTS facilities list	1.0 (1.6)	☐Yes	☒No
Federal RCRA non-CORRACTS TSD facilities list	0.5 (0.8)	☐Yes	☒No
Federal RCRA generators list	Property and adjoining properties	☐Yes	☒No
Federal institutional control/engineering control registries	Property only	☐Yes	☒No
Federal ERNS list	Property only	☐Yes	☒No

State and tribal lists of hazardous waste sites identified for investigation or remediation:

Database	Approximate Minimum Search Distance, miles (kilometers)		
State–and tribal equivalent NPL	1.0 (1.6)	☐Yes	☒No
State–and tribal equivalent CERCLIS	0.5 (0.8)	☐Yes	☒No
State-and tribal landfill and/or solid waste disposal site lists	0.5 (0.8)	☐Yes	☒No
State-and tribal leaking storage tanks lists	0.5 (0.8)	☐Yes	☒No
State-and tribal registered storage tanks lists	0.25 (0.4)	☐Yes	☒No
State and tribal institutional control/engineering control registries	0.25 (0.4)	☐Yes	☒No
State and tribal voluntary cleanup sites	0.5 (0.8)	☐Yes	☒No
State and tribal Brownfield sites	0.5 (0.8)	☐Yes	☒No

22.	Based upon a review of fire insurance maps 10.2.3 or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?	☐ Yes	☒ No	☐ Unk

The *Site Visit* and *Government Records* and *Historical Sources Inquiry* questionnaires were completed by:

Name	Robert P. Crowell, P.G.
Title	Senior Geologist/Environmental Department Manager
Firm	GFA INTERNATIONAL
Address	607 NW Commodity Cove Port St. Lucie, Florida 34986
Phone number	(772) 924-3575
Date	August 17, 2018

Preparer's relationship to site: Environmental Professional/Assessor
Preparer's relationship to user: Consultant

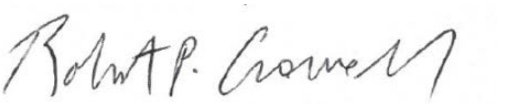
If the preparer(s) is different from the user, complete the following:

Name of User: Red Lion Construction Corporation.

User's address: 701 Hidden River Drive, Port St. Lucie, Florida 34983

User's phone number: (727) 463-3800

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Signature 

APPENDIX B

Legal Description

Michelle Franklin, CFA -- Saint Lucie County Property Appraiser -- All rights reserved.

Property Identification

Site Address: 4201 S 25th ST
Sec/Town/Range: 32/35S/40E
Map ID: 24/32S
Zoning: OFFICE COM

Parcel ID: 2432-411-0001-000-2
Account #: 33010
Use Type: 1000
Jurisdiction: Fort Pierce

Ownership

Kelly Smith
Corine Van Grootherest

2045 SE Avon Park DR
Port St Lucie, FL 34952

Legal Description

32 35 40 S 200 FT OF N 242.5 FT OF W 316 FT OF E 356 FT OF NE 1/4 OF NE 1/4 OF SE 1/4-LESS AS IN OR 659-1136- (1.40 AC) (OR 2122-394: 2155-411)

Current Values

Just/Market Value:	$49,000
Assessed Value:	$49,000
Exemptions:	$0
Taxable Value:	$49,000

Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF

Total Areas

Finished/Under Air (SF):	0
Gross Area (SF):	0
Land Size (acres):	1.4
Land Size (SF):	60,984

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
Feb 7, 2005	2155 / 0411	XX01	QC	Dr Kelly Smith Inc	$38,000
Dec 17, 2004	2122 / 0394	XX00	WD	Shadle Harold A	$140,000
Aug 9, 1991	0759 / 1839	XX01	FJ	Shadle Harold A	$0
Nov 1, 1979	0321 / 2910	XX00	CV		$72,000
Jun 1, 1977	0269 / 2848	XX00	CV		$71,500
Jan 1, 1900	0240 / 2690	XX00	CV		$0

Building Information (1 of 1)

Finished Area: 0 SF

Gross Total Area: 0 SF

Exterior Data

View:	Roof Cover:	Roof Structure:
Building Type:	Year Built: N/A	Frame:
Grade:	Effective Year: 2014	Primary Wall:
Story Height:	No. Units: 0	Secondary Wall:

Interior Data

Bedrooms: 0	Electric:	Primary Int Wall:
Full Baths: 0	Heat Type:	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel:	Primary Floors:
A/C %: 0%	Heated %: N/A%	Sprinkled %: 0%

APPENDIX C

EDR® Environmental Database Search Report

1.4-Acre Undeveloped Property
4201 South 25th Street
Fort Pierce, FL 34981

Inquiry Number: 05390299.2r
August 13, 2018

The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	10
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). GFA INTERNATIONAL used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by GFA INTERNATIONAL. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4201 SOUTH 25TH STREET
FORT PIERCE, FL 34981

COORDINATES

Latitude (North):	27.3884040 - 27° 23' 18.25''
Longitude (West):	80.3509570 - 80° 21' 3.44''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	564174.2
UTM Y (Meters):	3029454.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5656797 FORT PIERCE, FL
Version Date:	2012
Southeast Map:	5656775 ANKONA, FL
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150904
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
4201 SOUTH 25TH STREET
FORT PIERCE, FL 34981

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	IMMANUEL CHRISTIAN A	4401 S. 25TH STREET	FINDS	Higher	1092, 0.207, South
A2		4401 SOUTH 25TH STRE	SPILLS	Higher	1092, 0.207, South
3	FORT PIERCE CENTRAL	W SIDE OF 25TH ST	FINDS, ECHO	Higher	1212, 0.230, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

SHWS ---------- Florida's State-Funded Action Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Facility Database

State and tribal leaking storage tank lists

LUST ---------- Petroleum Contamination Detail Report
LAST ---------- Leaking Aboveground Storage Tank Listing
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
FF TANKS ---------- Federal Facilities Listing
UST ---------- Storage Tank Facility Information
AST ---------- Storage Tank Facility Information
INDIAN UST ---------- Underground Storage Tanks on Indian Land
TANKS ---------- Storage Tank Facility List

State and tribal institutional control / engineering control registries

ENG CONTROLS ---------- Institutional Controls Registry
INST CONTROL ---------- Institutional Controls Registry

State and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Sites
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---------- Brownfields Sites Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---------- Recycling Centers
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register

PRIORITYCLEANERS	Priority Ranking List
Fl Sites	Sites List
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS 90	SPILLS 90 data from FirstSearch
SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Permitted Facilities Listing
ASBESTOS	ASBESTOS
CLEANUP SITES	DEP Cleanup Sites - Contamination Locator Map Listing

DEDB ---------- Ethylene Dibromide Database Results
DRYCLEANERS ---------- Drycleaning Facilities
DWM CONTAM ---------- DWM CONTAMINATED SITES
Financial Assurance ---------- Financial Assurance Information Listing
FL Cattle Dip. Vats ---------- Cattle Dipping Vats
RESP PARTY ---------- Responsible Party Sites Listing
SITE INV SITES ---------- Site Investigation Section Sites Listing
TIER 2 ---------- Tier 2 Facility Listing
UIC ---------- Underground Injection Wells Database Listing
NPDES ---------- Wastewater Facility Regulation Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

SPILLS: Fuel Spill Cases from the Department of Environmental resource management

An online review and analysis by GFA INTERNATIONAL of the SPILLS list, as provided by EDR, and dated 04/11/2018 has revealed that there is 1 SPILLS site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported OHMIT Incident Number: 5022 Incident Status: Closed	4401 SOUTH 25TH STRE	S 1/8 - 1/4 (0.207 mi.)	A2	8

Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

An online review and analysis by GFA INTERNATIONAL of the FINDS list, as provided by EDR, and dated 02/21/2018 has revealed that there are 2 FINDS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IMMANUEL CHRISTIAN A	4401 S. 25TH STREET	S 1/8 - 1/4 (0.207 mi.)	A1	8
FORT PIERCE CENTRAL	***W SIDE OF 25TH ST***	***NNW 1/8 - 1/4 (0.230 mi.)***	***3***	***9***

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

An online review and analysis by GFA INTERNATIONAL of the ECHO list, as provided by EDR, and dated 02/25/2018 has revealed that there is 1 ECHO site within approximately 0.25 miles of the target property.

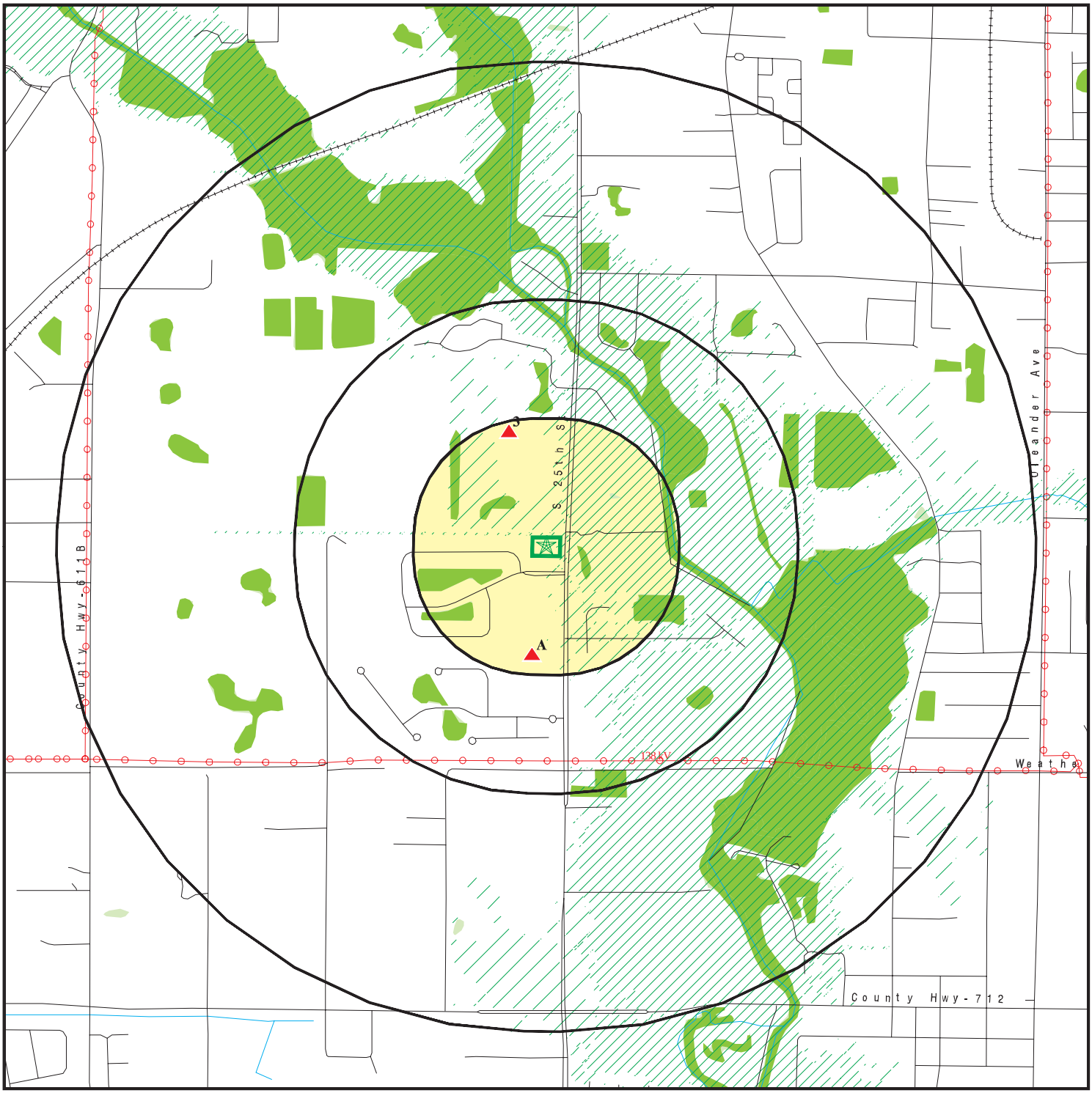
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT PIERCE CENTRAL	***W SIDE OF 25TH ST***	***NNW 1/8 - 1/4 (0.230 mi.)***	***3***	***9***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 29 records.

Site Name	Database(s)
SOUTH FL WATER MGMT DIST.-OKEECHOB	RGA LUST
SOUTH FL WATER MGMT DIST-OKEECHOBE	RGA LUST
BOB STRIETER GROVE	RGA LUST
FL DEPARTMENT OF TRANSPORTATION RO	RGA LUST
FL DEP OF TRANSPORTATION ROE2	RGA LUST
FL DEPT OF TRANSPORTATION	RGA LUST
FL DEPT OF TRANSPORTATION	RGA LUST
R & S EXPRESS INC 03-2I-0081	RGA LUST
R & S EXPRESS INC	RGA LUST
EVANS PROPERTIES INC-HALES 700	RGA LUST
COUNTRY STORE BAR-B-Q	RGA LUST
SKAGGS PROPERTY	RGA LUST
MERCHANT DISCOUNT FOOD	RGA LUST
HESS #09265	RGA LUST
RENTAL SERVICE CORP #47	RGA LUST
TRI W RENTAL	RGA LUST
AUTO SHOWCASE INC	RGA LUST
FORT PIERCE FOOD MART #2	RGA LUST
TEXACO - HEROES FOOD MART #2	RGA LUST
SOUTH FL WATER MGMT DIST.-FT PIERC	RGA LUST
SOUTH FL WATER MGMT DIST-FT PIERCE	RGA LUST
SOUTH FL WATER MGMT DIST-FT PIERCE	RGA LUST
JOY H LEE PROPERTY	RGA LUST
CUMBERLAND FARMS #0989	RGA LUST
G & B SERVICE CENTER	RGA LUST
5105 SOUTH INDIAN DRIVE SITE	SEMS
FRESHCO LIMITED JUICE FACILITY	NPDES
INDIAN RIVER EXCHANGE PACKERS INC	Financial Assurance
ST. LUCIE COUNTY FAIRGROUNDS DEBRI	RGA LF

OVERVIEW MAP - 05390299.2R



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

0 1/4 1/2 1 Miles

- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- FL Brownfield

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1.4-Acre Undeveloped Property	CLIENT: GFA International
ADDRESS: 4201 South 25th Street Fort Pierce FL 34981	CONTACT: Rob Crowell INQUIRY #: 05390299.2r
LAT/LONG: 27.388404 / 80.350957	DATE: August 13, 2018 1:06 pm

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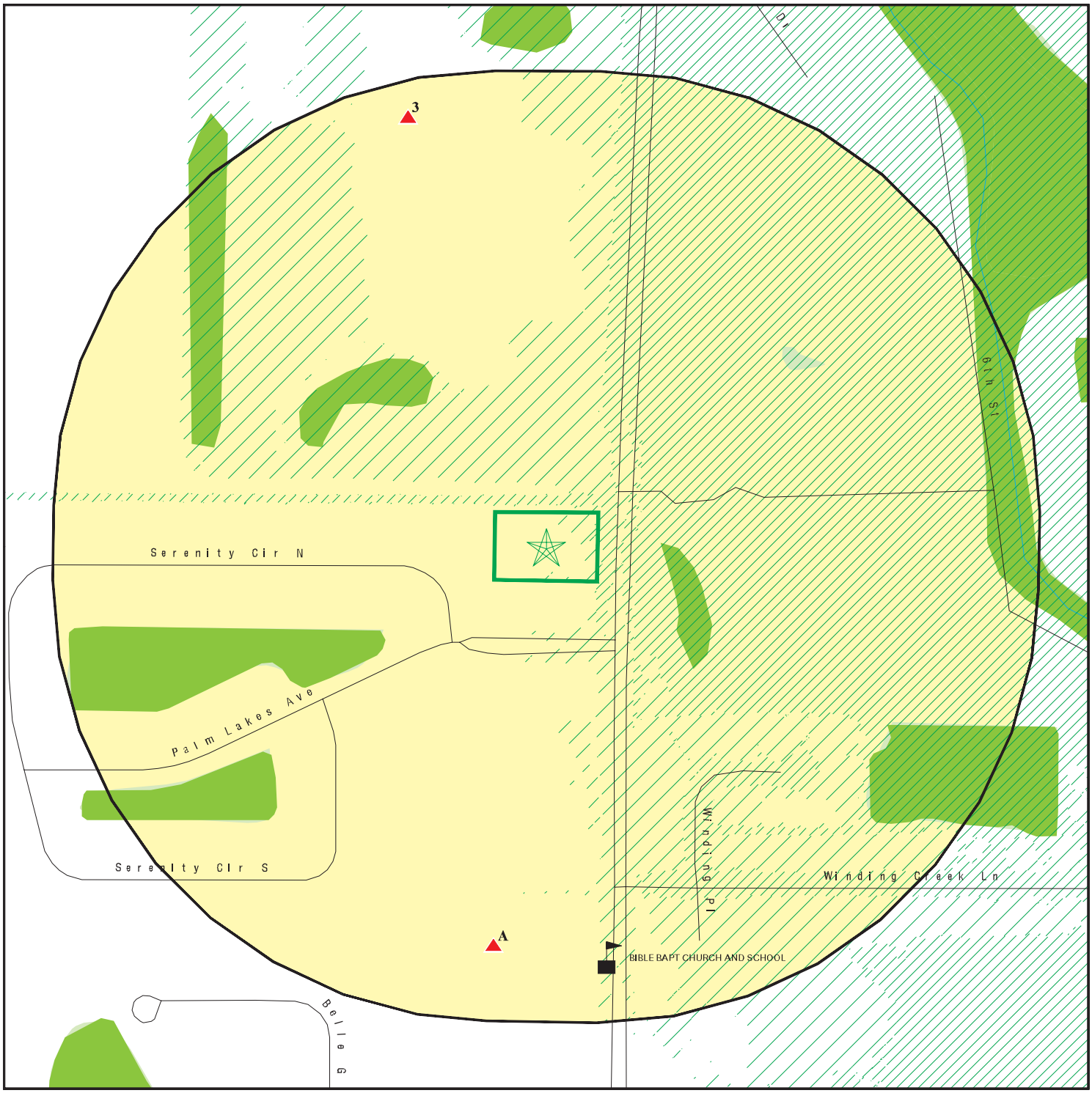
DETAIL MAP - 05390299.2R



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- FL Brownfield

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1.4-Acre Undeveloped Property	CLIENT:	GFA International
ADDRESS:	4201 South 25th Street Fort Pierce FL 34981	CONTACT:	Rob Crowell
		INQUIRY #:	05390299.2r
LAT/LONG:	27.388404 / 80.350957	DATE:	August 13, 2018 1:09 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.250		0	0	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.250		0	0	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FF TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.250		0	0	NR	NR	NR	0
PRIORITYCLEANERS	0.500		0	0	0	NR	NR	0
Fl Sites	1.000		0	0	0	0	NR	0
US CDL	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	0.250		0	0	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.250		0	0	NR	NR	NR	0
SPILLS	0.250		0	1	NR	NR	NR	1
SPILLS 90	0.250		0	0	NR	NR	NR	0
SPILLS 80	0.250		0	0	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	0.250		0	0	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.250		0	0	NR	NR	NR	0
TRIS	0.250		0	0	NR	NR	NR	0
SSTS	0.250		0	0	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.250		0	0	NR	NR	NR	0
RAATS	0.250		0	0	NR	NR	NR	0
PRP	0.250		0	0	NR	NR	NR	0
PADS	0.250		0	0	NR	NR	NR	0
ICIS	0.250		0	0	NR	NR	NR	0
FTTS	0.250		0	0	NR	NR	NR	0
MLTS	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.250		0	0	NR	NR	NR	0
RADINFO	0.250		0	0	NR	NR	NR	0
HIST FTTS	0.250		0	0	NR	NR	NR	0
DOT OPS	0.250		0	0	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.250		0	0	NR	NR	NR	0
US AIRS	0.250		0	0	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.250		0	2	NR	NR	NR	2
ECHO	0.250		0	1	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.250		0	0	NR	NR	NR	0
ASBESTOS	0.250		0	0	NR	NR	NR	0
CLEANUP SITES	0.250		0	0	NR	NR	NR	0
DEDB	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
DWM CONTAM	0.500		0	0	0	NR	NR	0
Financial Assurance	0.250		0	0	NR	NR	NR	0
FL Cattle Dip. Vats	0.250		0	0	NR	NR	NR	0
RESP PARTY	0.500		0	0	0	NR	NR	0
SITE INV SITES	0.500		0	0	0	NR	NR	0
TIER 2	0.250		0	0	NR	NR	NR	0
UIC	0.250		0	0	NR	NR	NR	0
NPDES	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.250		0	0	NR	NR	NR	0
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	0.250		0	0	NR	NR	NR	0
RGA LF	0.250		0	0	NR	NR	NR	0
RGA LUST	0.250		0	0	NR	NR	NR	0
- Totals --		0	0	4	0	0	0	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
South
1/8-1/4
0.207 mi.
1092 ft.

IMMANUEL CHRISTIAN ACADEMY
4401 S. 25TH STREET
FORT PIERCE, FL 33482

Site 1 of 2 in cluster A

FINDS **1004456937**
N/A

Relative:
Higher

Actual:
10 ft.

FINDS:

Registry ID: 110011852780

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2
South
1/8-1/4
0.207 mi.
1092 ft.

4401 SOUTH 25TH STREET, FT. PIERCE, FL 34981
FORT PIERCE, FL

Site 2 of 2 in cluster A

SPILLS **S108035501**
N/A

Relative:
Higher

Actual:
10 ft.

SPILLS:

OHMIT Incident Number:	5022
Incident Legacy:	Not reported
On-Scene Response:	Yes
Criminal Indicator:	No
Hurricane Indicator:	No
Incident Date:	04/28/2006
Incident Status:	Closed
Incident Report Date:	04/28/2006
Pollutant:	Elemental mercury
Pollutants Category:	Mercury, elemental
Substance Spilled:	Elemental mercury
Amount Spilled (Gallons):	0.01
Pollutant - Unit Measure:	pounds
Incident Party Name:	Bible Baptist Church & School
Description:	Inland
Incident Party Name:	Bible Baptist Church & School
Description:	Inland
Incident Party Name:	Local Health Department
Description:	Inland

3
NNW
1/8-1/4
0.230 mi.
1212 ft.

FORT PIERCE CENTRAL HIGH SCHOO
W SIDE OF 25TH ST
FORT PIERCE, FL 34981

FINDS **1010012273**
ECHO **N/A**

Relative:
Higher

Actual:
9 ft.

FINDS:

Registry ID: 110028288859

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1010012273
Registry ID:	110028288859
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110028288859

Count: 29 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FORT PIERCE	S115197709	SOUTH FL WATER MGMT DIST.-OKEECHOB	RT 3 BOX 1375 IDEAL HOLDING RD		RGA LUST
FORT PIERCE	S115197690	SOUTH FL WATER MGMT DIST-OKEECHOBE	RT 3 BOX 1375 IDEAL HOLDING RD		RGA LUST
FORT PIERCE	S115163734	BOB STRIETER GROVE	SR 68 & HEADER CANAL RD		RGA LUST
FORT PIERCE	S115175772	FL DEPARTMENT OF TRANSPORTATION RO	SR 68		RGA LUST
FORT PIERCE	S115175768	FL DEP OF TRANSPORTATION ROE2	SR 68		RGA LUST
FORT PIERCE	S115176219	FL DEPT OF TRANSPORTATION	HWY 70 & KINGS HWY		RGA LUST
FORT PIERCE	S115176233	FL DEPT OF TRANSPORTATION	SR 70 & KINGS HIGHWAY		RGA LUST
FORT PIERCE	S115193221	R & S EXPRESS INC 03-2I-0081	HWY 70		RGA LUST
FORT PIERCE	S115193220	R & S EXPRESS INC	HWY 70		RGA LUST
FORT PIERCE	S115173686	EVANS PROPERTIES INC-HALES 700	SR 70 & SUMMERLIN RD		RGA LUST
FORT PIERCE	S115170392	COUNTRY STORE BAR-B-Q	SR 70 & MCCARTY RD		RGA LUST
FORT PIERCE	S107931967	INDIAN RIVER EXCHANGE PACKERS INC	SR 70 & BLUEFIELD	34988	Financial Assurance
FORT PIERCE	S115197347	SKAGGS PROPERTY	S FEDERAL HWY		RGA LUST
FORT PIERCE	S115186641	MERCHANT DISCOUNT FOOD	6150 US HWY 1 S		RGA LUST
FORT PIERCE	S115180357	HESS #09265	3045 US HWY 1		RGA LUST
FORT PIERCE	S115193802	RENTAL SERVICE CORP #47	3019 US HWY 1 S		RGA LUST
FORT PIERCE	S115203538	TRI W RENTAL	3019 US HWY 1 S		RGA LUST
FORT PIERCE	S115162361	AUTO SHOWCASE INC	514 US HWY 1 N		RGA LUST
FORT PIERCE	S115177432	FORT PIERCE FOOD MART #2	1203 US HWY 1 S		RGA LUST
FORT PIERCE	S115201808	TEXACO - HEROES FOOD MART #2	1203 US HWY 1 S		RGA LUST
FORT PIERCE	S115197705	SOUTH FL WATER MGMT DIST.-FT PIERC	IDEAL HOLDING RD & SR 70		RGA LUST
FORT PIERCE	S115197682	SOUTH FL WATER MGMT DIST-FT PIERCE	5404 IDEAL HOLDING RD & HWY 70		RGA LUST
FORT PIERCE	S115197683	SOUTH FL WATER MGMT DIST-FT PIERCE	IDEAL HOLDING RD & HWY 70		RGA LUST
FORT PIERCE	S115182897	JOY H LEE PROPERTY	2550 KINGS HWY		RGA LUST
FORT PIERCE	S115170861	CUMBERLAND FARMS #0989	1020 ROYAL PALM WAY #A1A		RGA LUST
FORT PIERCE	S115157769	ST. LUCIE COUNTY FAIRGROUNDS DEBRI	SITE BEHIND FAIRGROUNDS SW PE-		RGA LF
FORT PIERCE	1022995900	5105 SOUTH INDIAN DRIVE SITE	5105 SOUITH INDIAN RIVER DRIVE	34982	SEMS
FORT PIERCE	S115177783	G & B SERVICE CENTER	5220 SUNSHINE STATE PKWY		RGA LUST
FORT PIERCE	S120048746	FRESHCO LIMITED JUICE FACILITY	3503 SOUTH U.S. HIGHWAY 1, NO.		NPDES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Florida's State-Funded Action Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 02/01/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 850-488-0190
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 04/24/2018
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 850-922-7121
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Petroleum Contamination Detail Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 05/04/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Listing

The file for Leaking Aboveground Storage Tanks. Please remember STCM does not track the source of the discharge so the agency provides a list of facilities with an aboveground tank and an open discharge split by facilities with aboveground tanks only and facilities with aboveground and underground tanks.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 850-245-8799
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

FF TANKS: Federal Facilities Listing
A listing of federal facilities with storage tanks.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 9
Source: Department of Environmental Protection
Telephone: 850-245-8250
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

UST: Storage Tank Facility Information
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 05/21/2018
Number of Days to Update: 18
Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

AST: Storage Tank Facility Information
Registered Aboveground Storage Tanks.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 05/21/2018
Number of Days to Update: 18
Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

TANKS: Storage Tank Facility List

This listing includes storage tank facilities that do not have tank information. The tanks have either be closed or removed from the site, but the facilities were still registered at some point in history.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 05/21/2018
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 850-245-8841
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENG CONTROLS: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

Inst Control: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to institutional and engineering controls.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 04/24/2018
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites
Listing of closed and active voluntary cleanup sites.

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 50

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

State and tribal Brownfields sites

BSRA: Brownfield Site Rehabilitation Agreements Listing
The BSRA provides DEP and the public assurance that site rehabilitation will be conducted in accordance with Florida Statutes and DEP's Contaminated Site Cleanup Criteria rule. In addition, the BSRA provides limited liability protection for the voluntary responsible party. The BSRA contains various commitments by the voluntary responsible party, including milestones for completion of site rehabilitation tasks and submittal of technical reports and plans. It also contains a commitment by DEP to review technical reports according to an agreed upon schedule. Only those brownfield sites with an executed BSRA are eligible to apply for a voluntary cleanup tax credit incentive pursuant to Section 376.30781, Florida Statutes.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 4

Source: Department of Environmental Protection
Telephone: 850-245-8934
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

BROWNFIELDS AREAS: Brownfields Areas Database
A "brownfield area" means a contiguous area of one or more brownfield sites, some of which may not be contaminated, that has been designated as such by a local government resolution. Such areas may include all or portions of community redevelopment areas, enterprise zones, empowerment zones, other such designated economically deprived communities and areas, and Environmental Protection Agency (EPA) designated brownfield pilot projects. This layer provides a polygon representation of the boundaries of these designated Brownfield Areas in Florida.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 850-245-8934
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Sites Database
Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 4

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Centers

A listing of recycling centers located in the state of Florida.

Date of Government Version: 01/10/2018
Date Data Arrived at EDR: 02/16/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 52

Source: Department of Environmental Protection
Telephone: 850-245-8718
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

PRIORITYCLEANERS: Priority Ranking List

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility.

Date of Government Version: 04/04/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

FL SITES: Sites List

This summary status report was developed from a number of lists including the Eckhardt list, the Moffit list, the EPA Hazardous Waste Sites list, EPA's Emergency & Remedial Response information System list (RCRA Section 3012) & existing department lists such as the obsolete uncontrolled Hazardous Waste Sites list. This list is no longer updated.

Date of Government Version: 12/31/1989
Date Data Arrived at EDR: 05/09/1994
Date Made Active in Reports: 08/04/1994
Number of Days to Update: 87

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 03/24/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

SPILLS: Oil and Hazardous Materials Incidents
Statewide oil and hazardous materials inland incidents.

Date of Government Version: 04/11/2018
Date Data Arrived at EDR: 04/13/2018
Date Made Active in Reports: 05/03/2018
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 850-245-2010
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 60

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch
Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/01/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 850-921-9558
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ASBESTOS: Asbestos Notification Listing
Asbestos sites

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 51

Source: Department of Environmental Protection
Telephone: 850-717-9086
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

CLEANUP SITES: DEP Cleanup Sites - Contamination Locator Map Listing
This listing includes the locations of waste cleanup sites from various programs. The source of the cleanup site data includes Hazardous Waste programs, Site Investigation Section, Compliance and Enforcement Tracking, Drycleaning State Funded Cleanup Program (possibly other state funded cleanup), Storage Tank Contamination Monitoring.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/29/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 44

Source: Department of Environmental Protection
Telephone: 866-282-0787
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

DEDB: Ethylene Dibromide Database Results
Ethylene dibromide (EDB), a soil fumigant, that has been detected in drinking water wells. The amount found exceeds the maximum contaminant level as stated in Chapter 62-550 or 520. It is a potential threat to public health when present in drinking water.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 04/24/2018
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 850-245-8335
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Facilities
The Drycleaners database, maintained by the Department of Environmental Protection, provides information about permitted dry cleaner facilities.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/21/2018
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

DWM CONTAM: DWM CONTAMINATED SITES
A listing of active or known sites. The listing includes sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and drycleaning).

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 80

Source: Department of Environmental Protection
Telephone: 850-245-7503
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
A list of hazardous waste facilities required to provide financial assurance under RCRA.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/21/2018
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 850-245-8793
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 05/21/2018
Number of Days to Update: 19
Source: Department of Environmental Protection
Telephone: 850-245-8743
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for storage tanks sites.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 19
Source: Department of Environmental Protection
Telephone: 850-245-8853
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

FL Cattle Dip. Vats: Cattle Dipping Vats
From the 1910's through the 1950's, these vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides, such as DDT, were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Date of Government Version: 01/19/2017
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 10
Source: Department of Environmental Protection
Telephone: 850-245-4444
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: No Update Planned

RESP PARTY: Responsible Party Sites Listing
Open, inactive and closed responsible party sites

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 04/24/2018
Number of Days to Update: 20
Source: Department of Environmental Protection
Telephone: 850-245-8758
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SITE INV SITES: Site Investigation Section Sites Listing
Statewide coverage of Site Investigation Section (SIS) sites. Site Investigation is a Section within the Bureau of Waste Cleanup, Division of Waste Management. SIS provides technical support to FDEP District Waste Cleanup Programs and conducts contamination assessments throughout the state.

Date of Government Version: 05/19/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 49
Source: Department of Environmental Protection
Telephone: 850-245-8953
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

TIER 2: Tier 2 Facility Listing
A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 08/02/2017
Number of Days to Update: 40
Source: Department of Environmental Protection
Telephone: 850-413-9970
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UIC: Underground Injection Wells Database Listing
A listing of Class I wells. Class I wells are used to inject hazardous waste, nonhazardous waste, or municipal waste below the lowermost USDW.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 29

Source: Department of Environmental Protection
Telephone: 850-245-8655
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

WASTEWATER: Wastewater Facility Regulation Database
Domestic and industrial wastewater facilities.

Date of Government Version: 05/01/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 850-245-8600
Last EDR Contact: 08/06/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Floridia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Floridia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Floridia.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALACHUA COUNTY:

FACILITY LIST ALACHUA: Facility List
List of all regulated facilities in Alachua County.

Date of Government Version: 03/22/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/05/2018
Number of Days to Update: 9

Source: Alachua County Environmental Protection Department
Telephone: 352-264-6800
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Annually

BROWARD COUNTY:

AST BROWARD: Aboveground Storage Tanks
Aboveground storage tank locations in Broward County.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 34

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

UST BROWARD: Underground Storage Tanks
All known regulated storage tanks within Broward County, including those tanks that have been closed

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 34

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

HILLSBOROUGH COUNTY:

LF HILLSBOROUGH: Hillsborough County LF
Hillsborough county landfill sites.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 01/22/2018
Number of Days to Update: 13

Source: Hillsborough County Environmental Protection Commission
Telephone: 813-627-2600
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

MIAMI-DADE COUNTY:

DADE CO AP: Air Permit Sites
Facilities that release or have a potential to release pollutants.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 44

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

DADE CO AW: Agricultural Waste Listing
A listing of agricultural waste sites

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 44

Source: Miami-Dade County Division of Environmental Resources Management
Telephone: 305-372-6715
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

DADE CO LW: Liquid Waste Transporter List
The Liquid Waste Transporter permit regulates the transportation of various types of liquid and solid waste, including hazardous waste, waste oil and oily waste waters, septic and grease trap waste, biomedical waste, spent radiator fluid, photo chemical waste, dry sewage sludge, and other types of non-hazardous industrial waste. The Liquid Waste Transporter permits needed to protect the environment and the public from improperly handled and transported waste.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 44

Source: DERM
Telephone: 305-372-6755
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

DADE MOP: Marine Facilities Operating Permit

What is this permit used for? Miami-Dade County Ordinance 89-104 and Section 24-18 of the Code of Miami-Dade County require the following types of marine facilities to obtain annual operating permits from DERM: All recreational boat docking facilities with ten (10) or more boat slips, moorings, davit spaces, and vessel tie-up spaces. All boat storage facilities contiguous to tidal waters in Miami-Dade County with ten (10) or more dry storage spaces including boatyards and boat manufacturing facilities.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/16/2018
Number of Days to Update: 47

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

DADE MRE: Maimi River Enforcement

The Miami River Enforcement database files were created for facilities and in some instances vessels that were inspected by a workgroup within the Department that was identified as the Miami River Enforcement Group. The files do not all necessarily reflect enforcement cases and some were created for locations that were permitted by other Sections within the Department.

Date of Government Version: 06/05/2013
Date Data Arrived at EDR: 06/06/2013
Date Made Active in Reports: 08/06/2013
Number of Days to Update: 61

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

DADE_IW2_4: Industrial Waste Type 2-4 Sites

IW2s are facilities having reclaim or recycling systems with no discharges, aboveground holding tanks or spill prevention and countermeasure plans. IW4s are facilities that discharge an effluent to the ground.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/16/2018
Number of Days to Update: 47

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

DADE_IW5: Industrial Waste Type 5 Sites

Generally these facilities fall under the category of "conditionally exempt small quantity generator" or "small quantity generator".

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/16/2018
Number of Days to Update: 47

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

DADE_IW6: Industrial Waste Type 6

Permits issued to those non-residential land uses located within the major drinking water wellfield protection areas that are not served by sanitary sewers. These facilities do not handle hazardous materials but are regulated because of the env. sensitivity of the areas where they are located.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/16/2018
Number of Days to Update: 47

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

DADE_IWP: Industrial Waste Permit Sites

Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/05/2018
Number of Days to Update: 37
Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

ENF: Enforcement Case Tracking System Sites
Enforcement cases monitored by the Dade County Department of Environmental Resources Management.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/16/2018
Number of Days to Update: 47
Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

SPILLS DADE: Fuel Spills Cases
DERM documents fuel spills of sites that are not in a state program.

Date of Government Version: 01/08/2009
Date Data Arrived at EDR: 01/13/2009
Date Made Active in Reports: 02/05/2009
Number of Days to Update: 23
Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

UST DADE: Storage Tanks
A listing of aboveground and underground storage tank site locations.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/16/2018
Number of Days to Update: 47
Source: Department of Environmental Resource Management
Telephone: 305-372-6700
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

PALM BEACH COUNTY:

LF PALM BEACH: Palm Beach County LF
Palm Beach County Inventory of Solid Waste Sites.

Date of Government Version: 09/01/2011
Date Data Arrived at EDR: 09/20/2011
Date Made Active in Reports: 10/10/2011
Number of Days to Update: 20
Source: Palm Beach County Solid Waste Authority
Telephone: 561-640-4000
Last EDR Contact: 06/15/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Department of Children & Families
Source: Provider Information
Telephone: 850-488-4900

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Environmental Protection
Telephone: 850-245-8238

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1.4-ACRE UNDEVELOPED PROPERTY
4201 SOUTH 25TH STREET
FORT PIERCE, FL 34981

TARGET PROPERTY COORDINATES

Latitude (North):	27.388404 - 27° 23' 18.25''
Longitude (West):	80.350957 - 80° 21' 3.45''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	564174.2
UTM Y (Meters):	3029454.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5656797 FORT PIERCE, FL
Version Date:	2012
Southeast Map:	5656775 ANKONA, FL
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

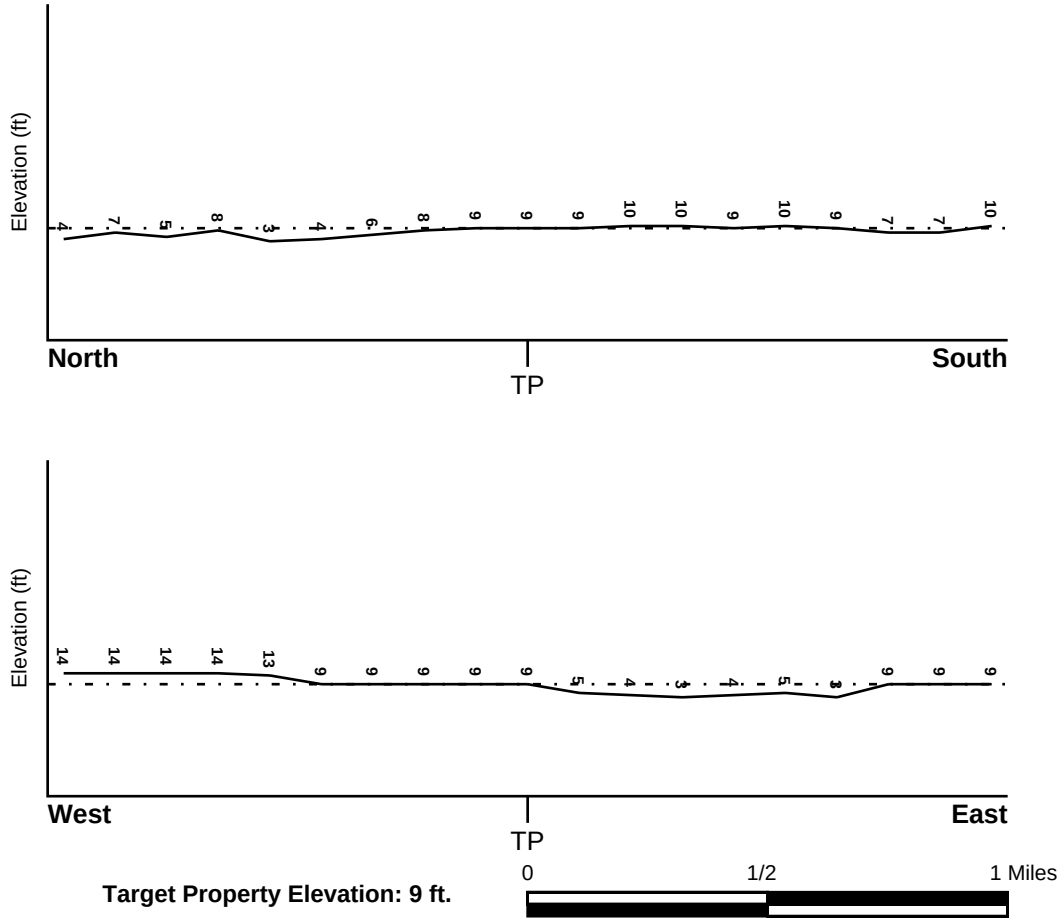
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
12111C0188J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
12111C0189J	FEMA FIRM Flood data
12111C0276J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
FORT PIERCE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

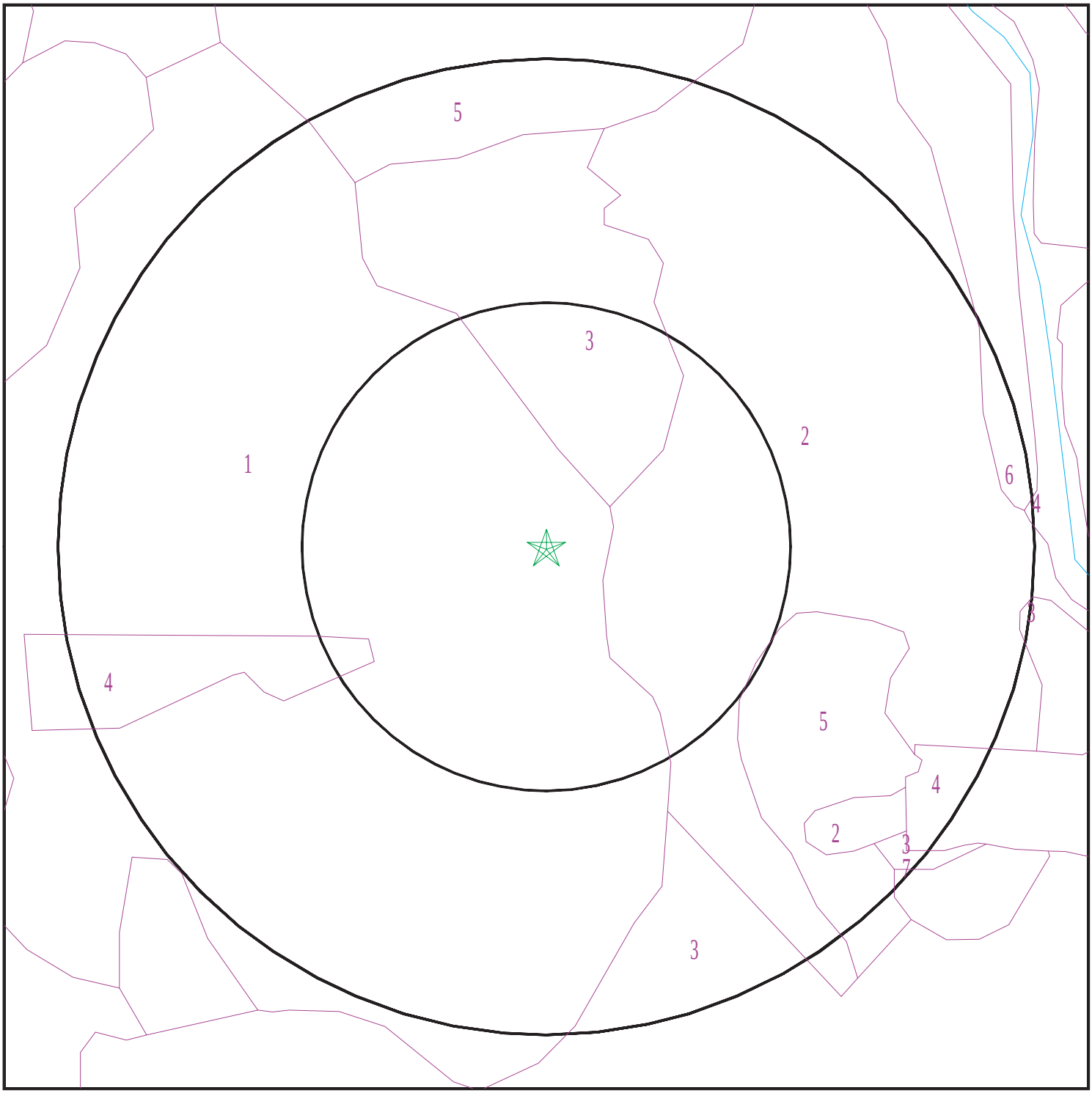
Era:	Cenozoic
System:	Quaternary
Series:	Holocene
Code:	Qh *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 05390299.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1.4-Acre Undeveloped Property	CLIENT:	GFA International
ADDRESS:	4201 South 25th Street Fort Pierce FL 34981	CONTACT:	Rob Crowell
		INQUIRY #:	05390299.2r
LAT/LONG:	27.388404 / 80.350957	DATE:	August 13, 2018 1:10 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Ankona

Soil Surface Texture: sand

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	7 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.6
2	38 inches	48 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.6
3	48 inches	57 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	57 inches	79 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.6
5	0 inches	7 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.6

Soil Map ID: 2

Soil Component Name: Winder

Soil Surface Texture: sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	5 inches	11 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
2	0 inches	5 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
3	11 inches	33 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
4	33 inches	48 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
5	48 inches	66 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6
6	66 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 3.6

Soil Map ID: 3

Soil Component Name: Susanna

Soil Surface Texture: sand

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
2	5 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
3	25 inches	29 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
4	29 inches	48 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
5	48 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: sand

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Wabasso

Soil Surface Texture: sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	25 inches	33 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	33 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
4	59 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Fluvaquents

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	18 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	18 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
4	25 inches	38 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
5	38 inches	79 inches	sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 7

Soil Component Name: Riviera

Soil Surface Texture: sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	29 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
2	29 inches	34 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
3	34 inches	53 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
4	53 inches	72 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
5	72 inches	79 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.250 miles
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
N53	USGS40000241085	1/2 - 1 Mile SSW
N54	USGS40000241084	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

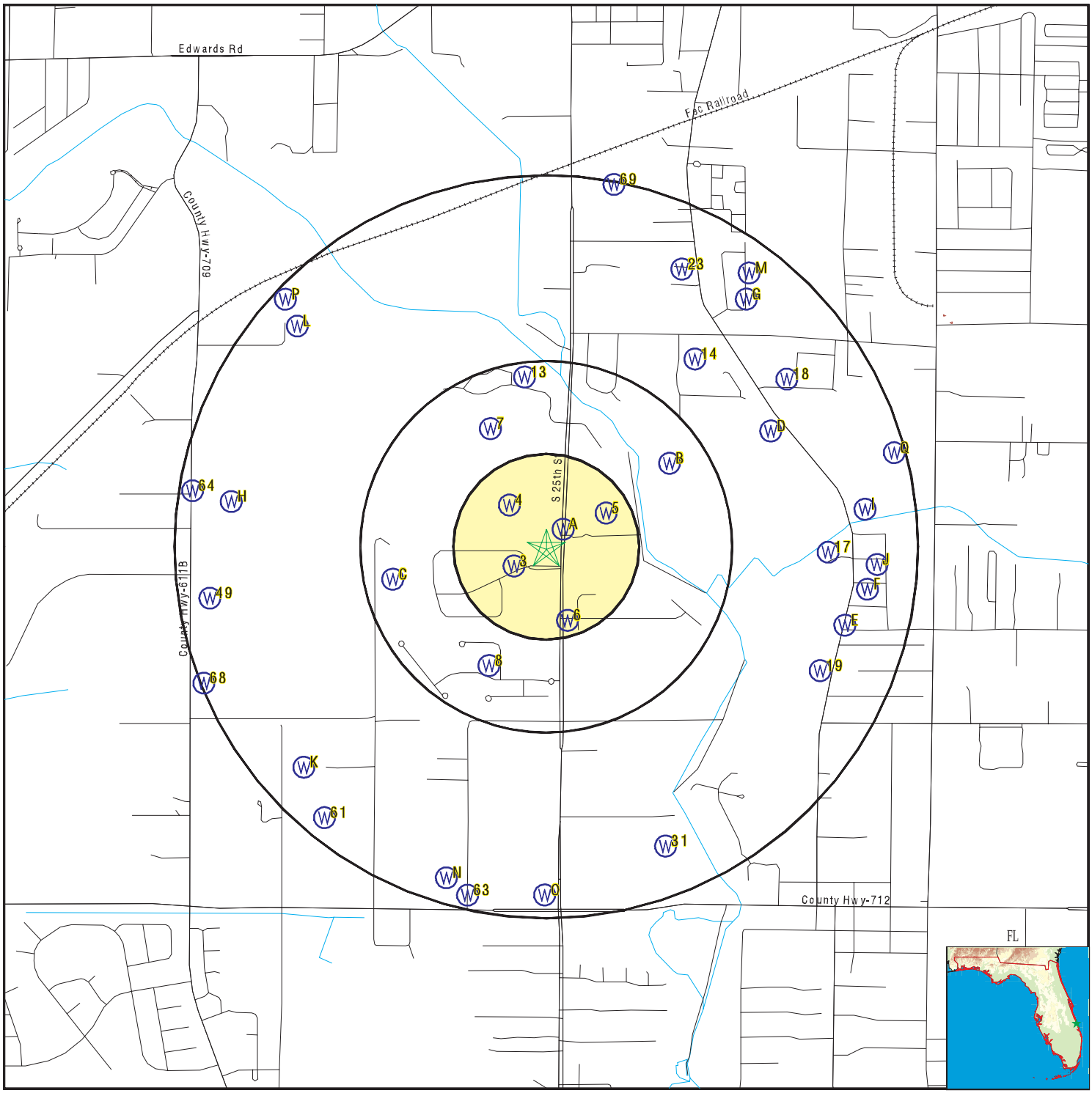
MAP ID	WELL ID	LOCATION FROM TP
A1	FLSO80000050887	0 - 1/8 Mile NNE
A2	FLSO80000032441	0 - 1/8 Mile NE
3	FLSO80000029622	0 - 1/8 Mile WSW
4	FLSO80000011811	1/8 - 1/4 Mile NW
5	FLDGW4000008459	1/8 - 1/4 Mile ENE
6	FLSO80000023559	1/8 - 1/4 Mile SSE
7	FLSO80000011812	1/4 - 1/2 Mile NNW
8	FLSO80000000412	1/4 - 1/2 Mile SSW
B9	FLDGW4000008460	1/4 - 1/2 Mile NE
B10	FLDGW4000008461	1/4 - 1/2 Mile NE
C11	FLSA80000065006	1/4 - 1/2 Mile WSW
C12	FLSA80000065007	1/4 - 1/2 Mile West
13	FLSO80000002184	1/4 - 1/2 Mile North
14	FLSO80000019903	1/2 - 1 Mile NE
D15	FLSA80000021945	1/2 - 1 Mile ENE
D16	FLSA80000021944	1/2 - 1 Mile ENE
17	FLSA80000020075	1/2 - 1 Mile East
18	FLSA80000021943	1/2 - 1 Mile NE
19	FLSA80000020081	1/2 - 1 Mile ESE
E20	FLSA80000020080	1/2 - 1 Mile ESE
F21	FLSA80000020076	1/2 - 1 Mile East
G22	FLSA80000023892	1/2 - 1 Mile NE
23	FLSO80000051853	1/2 - 1 Mile NNE
H24	FLSO80000049679	1/2 - 1 Mile West
G25	FLSA80000023893	1/2 - 1 Mile NE
E26	FLSA80000020079	1/2 - 1 Mile ESE
G27	FLSA80000023894	1/2 - 1 Mile NE
I28	FLSA80000021946	1/2 - 1 Mile East
I29	FLSA80000021922	1/2 - 1 Mile East
G30	FLSA80000023896	1/2 - 1 Mile NE
31	FLSO80000053793	1/2 - 1 Mile SSE
H32	FLSO80000049680	1/2 - 1 Mile West
J33	FLSA80000021959	1/2 - 1 Mile East
G34	FLSA80000023895	1/2 - 1 Mile NE
J35	FLSA80000021958	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I36	FLSA80000017324	1/2 - 1 Mile East
F37	FLSA80000021955	1/2 - 1 Mile East
K38	FLSO80000050431	1/2 - 1 Mile SW
K39	FLSO80000050432	1/2 - 1 Mile SW
G40	FLSA80000023897	1/2 - 1 Mile NE
L41	FLSO80000049850	1/2 - 1 Mile NW
F42	FLSA80000021953	1/2 - 1 Mile East
L43	FLSO80000049849	1/2 - 1 Mile NW
F44	FLSA80000021954	1/2 - 1 Mile East
M45	FLSA80000023898	1/2 - 1 Mile NE
L46	FLSO80000049848	1/2 - 1 Mile NW
J47	FLSA80000021957	1/2 - 1 Mile East
J48	FLSA80000021956	1/2 - 1 Mile East
49	FLSO80000037089	1/2 - 1 Mile West
M50	FLSA80000023901	1/2 - 1 Mile NE
M51	FLSA80000023899	1/2 - 1 Mile NE
M52	FLSA80000023900	1/2 - 1 Mile NE
O55	FLSO80000055336	1/2 - 1 Mile South
O56	FLSO80000055337	1/2 - 1 Mile South
O57	FLSO80000055338	1/2 - 1 Mile South
O58	FLSO80000055333	1/2 - 1 Mile South
O59	FLSO80000055334	1/2 - 1 Mile South
O60	FLSO80000055335	1/2 - 1 Mile South
61	FLSO80000001280	1/2 - 1 Mile SW
P62	FLSO80000050036	1/2 - 1 Mile NW
63	FLSA80000071405	1/2 - 1 Mile SSW
64	FLSO80000037896	1/2 - 1 Mile West
Q65	FLSO80000051360	1/2 - 1 Mile ENE
P66	FLSO80000049847	1/2 - 1 Mile NW
Q67	FLSO80000003042	1/2 - 1 Mile ENE
68	FLSO80000044167	1/2 - 1 Mile WSW
69	FLSA80000003684	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 05390299.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells
- Sink holes

SITE NAME:	1.4-Acre Undeveloped Property	CLIENT:	GFA International
ADDRESS:	4201 South 25th Street Fort Pierce FL 34981	CONTACT:	Rob Crowell
		INQUIRY #:	05390299.2r
LAT/LONG:	27.388404 / 80.350957	DATE:	August 13, 2018 1:10 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

A1
NNE
0 - 1/8 Mile
Higher

FL WELLS **FLSO80000050887**

Permit no:	56-01875-W	App no:	030625-17
Actual per:	GP	Project na:	25TH STREET FOUR LANING
Lu code:	LAN	Acres serv:	4.4
Id:	147637	Facinv typ:	WELL
Fac name:	W-2	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	90
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866951
Pump coo 1:	1111189	Well depth:	90
Cased dept:	80	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Donna L. Moscone, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000050887

A2
NE
0 - 1/8 Mile
Lower

FL WELLS **FLSO80000032441**

Permit no:	56-03343-W	App no:	140214-25
Actual per:	GP	Project na:	MOUNT BETHEL BAPTIST CHURCH
Lu code:	LAN	Acres serv:	2.87
Id:	267768	Facinv typ:	WELL
Fac name:	1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	60
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	867090
Pump coo 1:	1111134	Well depth:	100
Cased dept:	80	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Jeffery Scott
Fee catego:	NGP	Site id:	FLSO80000032441

3
WSW
0 - 1/8 Mile
Higher

FL WELLS **FLSO80000029622**

Permit no:	56-02717-W	App no:	070620-27
Actual per:	GP	Project na:	PALM LAKE GARDENS OWNERS ASSOCIATION
Lu code:	LAN	Acres serv:	2
Id:	214935	Facinv typ:	WELL
Fac name:	W-1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	40
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866325
Pump coo 1:	1110635	Well depth:	120
Cased dept:	100	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Barbara Fronczek

Fee catego:	GP MIN	Site id:	FLSO80000029622

4
NW
1/8 - 1/4 Mile
Higher

FL WELLS **FLSO80000011811**

Permit no:	56-02517-W	App no:	071113-8
Actual per:	GP	Project na:	FT. PIERCE CENTRAL HIGH SCHOOL
Lu code:	LAN	Acres serv:	12.98
Id:	194483	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	SUB
Pump diame:	0	Cul diamet:	0
Well diame:	8	Pump capac:	130
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866255
Pump coo 1:	1111501	Well depth:	80
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Thushari Liyanage
Fee catego:	GP MIN	Site id:	FLSO80000011811

5
ENE
1/8 - 1/4 Mile
Lower

FL WELLS **FLDGW4000008459**

Objectid:	8459	Fk station:	6026
Station na:	272323080205401	Station al:	Not Reported
Waterbody:	SURFICIAL AQUIFER SYSTEM	Resource t:	UNCONFINED AQUIFER
Lat dd:	27	Lat mm:	23
Lat ss:	23	Long dd:	80
Long mm:	20	Long ss:	54
Cmcd coord:	MMAP	Dcd datum:	NAD27
Well statu:	PRIVATE DRINKING WATER WELL	Well drill:	09-SEP-85
Well total:	52	Well casin:	42
Well scree:	42	Well scr 1:	52
Well cas 1:	2	Well cas 2:	GALVANIZED IRON OR GALVANIZED STEEL
Site id:	FLDGW4000008459		

6
SSE
1/8 - 1/4 Mile
Higher

FL WELLS **FLSO80000023559**

Permit no:	56-03348-W	App no:	140401-8
Actual per:	GP	Project na:	WINDING CREEK P O A
Lu code:	LAN	Acres serv:	.26
Id:	268065	Facinv typ:	WELL
Fac name:	WELL	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	20
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	867089
Pump coo 1:	1109866	Well depth:	140
Cased dept:	120	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Priyantha Liyanage
Fee catego:	GP MIN	Site id:	FLSO80000023559

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

7
NNW
1/4 - 1/2 Mile
Higher

FL WELLS **FLSO80000011812**

Permit no:	56-02517-W	App no:	071113-8
Actual per:	GP	Project na:	FT. PIERCE CENTRAL HIGH SCHOOL
Lu code:	LAN	Acres serv:	12.98
Id:	219263	Facinv typ:	WELL
Fac name:	Well 2	Pumptype c:	SUB
Pump diame:	0	Cul diamet:	0
Well diame:	8	Pump capac:	130
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	865980
Pump coo 1:	1112586	Well depth:	80
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Thushari Liyanage
Fee catego:	GP MIN	Site id:	FLSO80000011812

8
SSW
1/4 - 1/2 Mile
Higher

FL WELLS **FLSO80000000412**

Permit no:	56-02037-W	App no:	040810-12
Actual per:	GP	Project na:	OAK ALLEY
Lu code:	LAN	Acres serv:	3.06
Id:	157360	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	3	Pump capac:	80
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	865976
Pump coo 1:	1109218	Well depth:	90
Cased dept:	85	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Stephanie Newell
Fee catego:	GP MIN	Site id:	FLSO80000000412

B9
NE
1/4 - 1/2 Mile
Lower

FL WELLS **FLDGW4000008460**

Objectid:	8460	Fk station:	6027
Station na:	272330080204401	Station al:	Not Reported
Waterbody:	SURFICIAL AQUIFER SYSTEM	Resource t:	UNCONFINED AQUIFER
Lat dd:	27	Lat mm:	23
Lat ss:	30	Long dd:	80
Long mm:	20	Long ss:	44
Cmcd coord:	MMAP	Dcd datum:	NAD27
Well statu:	PRIVATE DRINKING WATER WELL	Well drill:	08-JAN-86
Well total:	43	Well casin:	33
Well scree:	33	Well scr 1:	43
Well cas 1:	2	Well cas 2:	PVC, BOND UNKNOWN
Site id:	FLDGW4000008460		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B10
NE
1/4 - 1/2 Mile
Lower

FL WELLS **FLDGW4000008461**

Objectid:	8461	Fk station:	6027
Station na:	272330080204401	Station al:	Not Reported
Waterbody:	CONFINED AQUIFER	Resource t:	UNCONFINED AQUIFER
Lat dd:	27	Lat mm:	23
Lat ss:	30	Long dd:	80
Long mm:	20	Long ss:	44
Cmcd coord:	MMAP	Dcd datum:	NAD27
Well statu:	PRIVATE DRINKING WATER WELL	Well drill:	08-JAN-86
Well total:	43	Well casin:	33
Well scree:	33	Well scr 1:	43
Well cas 1:	2	Well cas 2:	PVC, BOND UNKNOWN
Site id:	FLDGW4000008461		

C11
WSW
1/4 - 1/2 Mile
Higher

FL WELLS **FLSA80000065006**

Fluwid:	AAG3457	Well type:	43
Status:	ACTIVE	Casing mat:	Not Reported
Longitude:	-80.35737	Latitude:	27.38689
Well depth:	60	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Not Reported
Name:	Not Reported	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	0
Gps date:	30-DEC-99	Loc method:	DGPS
Project id:	ANDREW	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4286 CHRISTENSEN RD
Number:	4286	Predir:	Not Reported
Prefix:	Not Reported	Street:	CHRISTENSEN
Suffix:	RD	Postdir:	Not Reported
Zipcode:	34981	City:	FT. PIERCE
Loc id:	560388	Gps id:	560388
Wsrp id:	560010901	Action:	UNFILTERED
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000065006

C12
West
1/4 - 1/2 Mile
Higher

FL WELLS **FLSA80000065007**

Fluwid:	AAG3458	Well type:	43
Status:	ACTIVE	Casing mat:	Not Reported
Longitude:	-80.35798	Latitude:	27.38738

Well depth:	70	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Not Reported
Name:	Not Reported	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	0
Gps date:	30-DEC-99	Loc method:	DGPS
Project id:	ANDREW	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4284 CHRISTENSEN RD
Number:	4284	Predir:	Not Reported
Prefix:	Not Reported	Street:	CHRISTENSEN
Suffix:	RD	Postdir:	Not Reported
Zipcode:	34981	City:	FT. PIERCE
Loc id:	560390	Gps id:	560390
Wsrp id:	560010801	Action:	UNFILTERED
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000065007

13
North
1/4 - 1/2 Mile
Lower

FL WELLS **FLSO80000002184**

Permit no:	56-01884-W	App no:	040901-14
Actual per:	GP	Project na:	RIVER OAKS
Lu code:	LAN	Acres serv:	16.15
Id:	153968	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	6	Pump capac:	150
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866461
Pump coo 1:	1113322	Well depth:	120
Cased dept:	100	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Water Table Aquifer	Display na:	John Pfaff
Fee catego:	GP	Site id:	FLSO80000002184

14
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000019903**

Permit no:	56-03119-W	App no:	080814-13
Actual per:	GP	Project na:	FORT PIERCE MOSQUE
Lu code:	LAN	Acres serv:	1.31
Id:	258312	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	SUB
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	100
Pump intak:	120	Pump int 1:	0
Invert ele:	0	Pump coord:	868880
Pump coo 1:	1113590	Well depth:	130
Cased dept:	100	Usests cod:	PRM

Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Morgan LeLay
Fee catego:	GP MIN	Site id:	FLSO80000019903

D15
ENE **FL WELLS** **FLSA80000021945**
1/2 - 1 Mile
Higher

Fluwid:	AAF4954	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34144	Latitude:	27.39297
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JASON CHILDS	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	-15.45
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3803 SUNRISE BLVD
Number:	3803	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313280	Gps id:	313280
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021945

D16
ENE **FL WELLS** **FLSA80000021944**
1/2 - 1 Mile
Higher

Fluwid:	AAF4953	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34081	Latitude:	27.39289
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	REGINA CHILDS	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	7
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3805 SUNRISE BLVD
Number:	3805	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE

Loc id:	313278	Gps id:	313278
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021944

17
East
1/2 - 1 Mile
Lower

FL WELLS **FLSA80000020075**

Fluwid:	AAF1247	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33861	Latitude:	27.38819
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	COMPLAINT	Sanit seal:	Raw
Name:	HOLDEN,MELANIE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	25.01
Gps date:	29-JAN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1404 PLATTS LANE
Number:	1404	Predir:	Not Reported
Prefix:	Not Reported	Street:	PLATTS LANE
Suffix:	Not Reported	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	309542	Gps id:	309542
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000020075

18
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021943**

Fluwid:	AAF4952	Well type:	42
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34042	Latitude:	27.39496
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	WHITE CITY CEMETERY	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	2.81
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3800 SUNRISE BLVD

Number:	3800	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313276	Gps id:	313276
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021943

19
ESE **FL WELLS** **FLSA80000020081**
1/2 - 1 Mile
Lower

Fluwid:	AAF1253	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33896	Latitude:	27.38356
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	COMPLAINT	Sanit seal:	Raw
Name:	LEMAIRE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	9.95
Gps date:	29-JAN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4311 SUNRISE BLVD
Number:	4311	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	309554	Gps id:	309554
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000020081

E20
ESE **FL WELLS** **FLSA80000020080**
1/2 - 1 Mile
Lower

Fluwid:	AAF1252	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33828	Latitude:	27.38518
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	COMPLAINT	Sanit seal:	Raw
Name:	KAPPAR	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	9.17
Gps date:	29-JAN-01	Loc method:	DGPS

Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4221 SUNRISE BLVD
Number:	4221	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	309552	Gps id:	309552
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000020080

F21
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000020076**

Fluwid:	AAF1248	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33772	Latitude:	27.3866
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	COMPLAINT	Sanit seal:	Raw
Name:	POUNDS,GENNIE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	6.4
Gps date:	29-JAN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4201 SUNRISE BLVD
Number:	4201	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	309544	Gps id:	309544
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000020076

G22
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023892**

Fluwid:	AAF9221	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34232	Latitude:	27.39756
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	PARKS	First name:	Not Reported

Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	10.24
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3514 ROSELAWN BLVD
Number:	3514	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317174	Gps id:	317174
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023892

23
NNE
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000051853**

Permit no:	56-01876-W	App no:	040223-1
Actual per:	GP	Project na:	HORIZON COMMUNITY CHURCH
Lu code:	PWS	Acres serv:	1
Id:	147724	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	JET
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	15
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	868688
Pump coo 1:	1114868	Well depth:	75
Cased dept:	65	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	PWS
Source nam:	Surficial Aquifer System	Display na:	Alex Glebocki
Fee catego:	GP MIN	Site id:	FLSO80000051853

H24
West
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000049679**

Permit no:	56-01793-W	App no:	030829-12
Actual per:	GP	Project na:	PRESTIGE CONCRETE BATCH PLANT AND MOE
Lu code:	IND	Acres serv:	7.15
Id:	140877	Facinv typ:	WELL
Fac name:	2	Pumptype c:	TUR
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	500
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	862369
Pump coo 1:	1111529	Well depth:	300
Cased dept:	300	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IND
Source nam:	Floridan Aquifer System	Display na:	Jeffery Scott
Fee catego:	GP MIN	Site id:	FLSO80000049679

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G25
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023893**

Fluwid:	AAF9222	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34189	Latitude:	27.3977
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	CRANE RESIDENCE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	3.72
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3510 ROSELAWN BLVD
Number:	3510	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317176	Gps id:	317176
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023893

E26
ESE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000020079**

Fluwid:	AAF1251	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33748	Latitude:	27.38549
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	COMPLAINT	Sanit seal:	Raw
Name:	OOLEY,JERRY	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	3.23
Gps date:	29-JAN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4220 SUNRISE BLVD
Number:	4220	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	309550	Gps id:	309550
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported

Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000020079

G27
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023894**

Fluwid:	AAF9223	Well type:	43
Status:	ACTIVE	Casing mat:	PVC
Longitude:	-80.34232	Latitude:	27.39812
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	HARRY HARDMAN	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	7.63
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3491 ROSELAWN BLVD
Number:	3491	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317178	Gps id:	317178
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023894

I28
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021946**

Fluwid:	AAF4955	Well type:	42
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33716	Latitude:	27.39
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JERRY FITZPATRICK	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	16.75
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4006 SUNRISE BLVD
Number:	4006	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported

Zipcode:	34982	City:	FORT PIERCE
Loc id:	313282	Gps id:	313282
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021946

I29
East
1/2 - 1 Mile
Lower

FL WELLS **FLSA80000021922**

Fluwid:	AAF4931	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33695	Latitude:	27.38886
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	RILEY BARNES	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	10.9
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4040 SUNRISE BLVD
Number:	4040	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313234	Gps id:	313234
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021922

G30
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023896**

Fluwid:	AAF9225	Well type:	43
Status:	ACTIVE	Casing mat:	PVC
Longitude:	-80.34243	Latitude:	27.39837
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	KAREN KUHNER	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	8.61
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported

County:	ST. LUCIE	Address:	3485 ROSELAWN BLVD
Number:	3485	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317182	Gps id:	317182
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023896

31
SSE
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000053793**

Permit no:	56-02178-W	App no:	060821-3
Actual per:	GP	Project na:	RIVER LANDING
Lu code:	LAN	Acres serv:	8.25
Id:	173778	Facinv typ:	PUMP
Fac name:	Pump 1	Pumptype c:	CEN
Pump diame:	4	Cul diamet:	0
Well diame:	0	Pump capac:	100
Pump intak:	0	Pump int 1:	-5
Invert ele:	0	Pump coord:	868500
Pump coo 1:	1106665	Well depth:	0
Cased dept:	0	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	On-site Lake(s)	Display na:	John Pfaff
Fee catego:	GP	Site id:	FLSO80000053793

H32
West
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000049680**

Permit no:	56-01793-W	App no:	030829-12
Actual per:	GP	Project na:	PRESTIGE CONCRETE BATCH PLANT AND MOE
Lu code:	IND	Acres serv:	7.15
Id:	140878	Facinv typ:	WELL
Fac name:	1	Pumptype c:	TUR
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	500
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	862238
Pump coo 1:	1111532	Well depth:	300
Cased dept:	300	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IND
Source nam:	Floridan Aquifer System	Display na:	Jeffery Scott
Fee catego:	GP MIN	Site id:	FLSO80000049680

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J33
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021959**

Fluwid:	AAF4968	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33682	Latitude:	27.38788
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	DAVIS RESIDENCE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	-9.3
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1201 ROYAL PALM BLVD
Number:	1201	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROYAL PALM
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313308	Gps id:	313308
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021959

G34
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023895**

Fluwid:	AAF9224	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34189	Latitude:	27.39813
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	GLENN CRAINE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	9.63
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3506 ROSELAWN BLVD
Number:	3506	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317180	Gps id:	317180
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported

Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023895

J35
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021958**

Fluwid:	AAF4967	Well type:	43
Status:	INACTIVE	Casing mat:	Galvanized
Longitude:	-80.33671	Latitude:	27.3879
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	WILLIAM DEWSON	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	-1.64
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1203 ROYAL PALM BLVD
Number:	1203	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROYAL PALM
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313306	Gps id:	313306
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021958

I36
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000017324**

Fluwid:	AAE6109	Well type:	43
Status:	ACTIVE	Casing mat:	PVC
Longitude:	-80.33688	Latitude:	27.39075
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JUDY BIGLIN	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	6.46
Gps date:	25-SEP-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3950 SUNRISE AVE
Number:	3950	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	AVE	Postdir:	Not Reported

Zipcode:	34982	City:	FORT PIERCE
Loc id:	304044	Gps id:	304044
Wsrp id:	560014301	Action:	UNFILTERED
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000017324

F37
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021955**

Fluwid:	AAF4964	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33668	Latitude:	27.38722
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JUDITH DAVIS	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	16.17
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1202 OAK AVE
Number:	1202	Predir:	Not Reported
Prefix:	Not Reported	Street:	OAK
Suffix:	AVE	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313300	Gps id:	313300
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021955

K38
SW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000050431**

Permit no:	56-01964-W	App no:	040519-3
Actual per:	GP		
Project na:	GLEN BLACKBURN TRUCKING INC D/B/A CARLTON PAVING		
Lu code:	IND	Acres serv:	9.18
Id:	153144	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	13
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863354
Pump coo 1:	1107759	Well depth:	70
Cased dept:	0	Usests cod:	PROD
Facwlsts c:	E	Factypwu c:	PWS
Source nam:	Surficial Aquifer System	Display na:	Alex Glebocki

Fee catego:	GP MIN	Site id:	FLSO80000050431

K39
SW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000050432**

Permit no:	56-01964-W	App no:	040519-3
Actual per:	GP		
Project na:	GLEN BLACKBURN TRUCKING INC D/B/A CARLTON PAVING		
Lu code:	IND	Acres serv:	9.18
Id:	153144	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	13
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863354
Pump coo 1:	1107759	Well depth:	70
Cased dept:	0	Usests cod:	PROD
Facwlsts c:	E	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	Alex Glebocki
Fee catego:	GP MIN	Site id:	FLSO80000050432

G40
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023897**

Fluwid:	AAF9226	Well type:	43
Status:	ACTIVE	Casing mat:	PVC
Longitude:	-80.34231	Latitude:	27.39864
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	MS RAY	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	6.81
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3471 ROSELAWN BLVD
Number:	3471	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317184	Gps id:	317184
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023897

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L41
NW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000049850**

Permit no:	56-01347-W	App no:	040813-24
Actual per:	GP	Project na:	CARGILL JUICE NORTH AMERICA
Lu code:	IND	Acres serv:	251
Id:	27141	Facinv typ:	WELL
Fac name:	5	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	6	Pump capac:	40
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863153
Pump coo 1:	1113869	Well depth:	200
Cased dept:	50	Usests cod:	SEC
Facwlsts c:	E	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	John Pfaff
Fee catego:	GP	Site id:	FLSO80000049850

F42
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021953**

Fluwid:	AAF4962	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33668	Latitude:	27.38651
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	ELLEN DENMARK	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	8.14
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1203 OAK AVE
Number:	1203	Predir:	Not Reported
Prefix:	Not Reported	Street:	OAK
Suffix:	AVE	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313296	Gps id:	313296
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021953

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L43
NW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000049849**

Permit no:	56-01347-W	App no:	040813-24
Actual per:	GP	Project na:	CARGILL JUICE NORTH AMERICA
Lu code:	IND	Acres serv:	251
Id:	27140	Facinv typ:	WELL
Fac name:	4	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	6	Pump capac:	10
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863242
Pump coo 1:	1114011	Well depth:	200
Cased dept:	50	Usests cod:	SEC
Facwlsts c:	E	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	John Pfaff
Fee catego:	GP	Site id:	FLSO80000049849

F44
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021954**

Fluwid:	AAF4963	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33648	Latitude:	27.38665
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JOSE GONZALEZ	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	7.27
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1201 OAK AVE
Number:	1201	Predir:	Not Reported
Prefix:	Not Reported	Street:	OAK
Suffix:	AVE	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313298	Gps id:	313298
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021954

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M45
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023898**

Fluwid:	AAF9227	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34233	Latitude:	27.39911
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JOYCE WILSON	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	3.21
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3411 ROSELAWN BLVD
Number:	3411	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317186	Gps id:	317186
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023898

L46
NW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000049848**

Permit no:	56-01347-W	App no:	040813-24
Actual per:	GP	Project na:	CARGILL JUICE NORTH AMERICA
Lu code:	IND	Acres serv:	251
Id:	27139	Facinv typ:	WELL
Fac name:	3	Pumptype c:	SUB
Pump diame:	0	Cul diamet:	0
Well diame:	6	Pump capac:	55
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863293
Pump coo 1:	1114209	Well depth:	200
Cased dept:	50	Usests cod:	SEC
Facwlsts c:	E	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	John Pfaff
Fee catego:	GP	Site id:	FLSO80000049848

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J47
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021957**

Fluwid:	AAF4966	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33617	Latitude:	27.38787
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	GAIL GODWIN	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	-3.81
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4100 SUNRISE BLVD
Number:	4100	Predir:	Not Reported
Prefix:	Not Reported	Street:	SUNRISE
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313304	Gps id:	313304
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021957

J48
East
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000021956**

Fluwid:	AAF4965	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.33618	Latitude:	27.38719
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	BARRY SMITH	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	6.87
Gps date:	23-MAR-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	1200 OAK AVE
Number:	1200	Predir:	Not Reported
Prefix:	Not Reported	Street:	OAK
Suffix:	AVE	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	313302	Gps id:	313302
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported

Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000021956

49
West
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000037089**

Permit no:	56-00815-W	App no:	X000013040
Actual per:	GP		
Project na:	THERMAL PROCESSING FACILITY-MEDICAL WASTE INCINERATOR		
Lu code:	PWS	Acres serv:	1.7
Id:	19567	Facinv typ:	WELL
Fac name:	WELL	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	30
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	862006
Pump coo 1:	1110156	Well depth:	70
Cased dept:	63	Usests cod:	PRM
Facwlsts c:	E	Factypwu c:	PWS
Source nam:	Surficial Aquifer System	Display na:	Anne Roth
Fee catego:	GP	Site id:	FLSO80000037089

M50
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023901**

Fluwid:	AAF9230	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34187	Latitude:	27.39898
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	SHIRLEY OPALEWSKI	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	7.01
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3440 ROSELAWN BLVD
Number:	3440	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317192	Gps id:	317192
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023901

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M51
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023899**

Fluwid:	AAF9228	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.3421	Latitude:	27.39914
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	MS STOKES	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	2.05
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3410 ROSELAWN BLVD
Number:	3410	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317188	Gps id:	317188
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023899

M52
NE
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000023900**

Fluwid:	AAF9229	Well type:	43
Status:	ACTIVE	Casing mat:	Galvanized
Longitude:	-80.34198	Latitude:	27.39921
Well depth:	0	Length:	0
Diameter:	2	Permit num:	Not Reported
Comment:	Not Reported	Sanit seal:	Yes
Name:	JOSEPH BAUER	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	3.29
Gps date:	14-JUN-01	Loc method:	DGPS
Project id:	SUPER	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3436 ROSELAWN BLVD
Number:	3436	Predir:	Not Reported
Prefix:	Not Reported	Street:	ROSELAWN
Suffix:	BLVD	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	317190	Gps id:	317190
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported

Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000023900

N53
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000241085**

Organization ID:	USGS-FL	Organization Name:	USGS Florida Water Science Center
Monitor Location:	STL- 268	Type:	Well
Description:	Not Reported	HUC:	03090202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Surficial aquifer system	Formation Type:	Sand Aquifer
Aquifer Type:	Unconfined single aquifer	Construction Date:	19890406
Well Depth:	22	Well Depth Units:	ft
Well Hole Depth:	22	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1992-04-30
Feet below surface:	Not Reported	Feet to sea level:	8.45
Note:	Not Reported		

Level reading date:	1991-05-08	Feet below surface:	Not Reported
Feet to sea level:	10.61	Note:	Not Reported

N54
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000241084**

Organization ID:	USGS-FL	Organization Name:	USGS Florida Water Science Center
Monitor Location:	STL- 300	Type:	Well
Description:	Not Reported	HUC:	03090202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19890206
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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O55
South
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000055336**

Permit no:	56-00860-W	App no:	091204-3
Actual per:	GP	Project na:	CHEVRON AT MIDWAY COMMONS
Lu code:	LAN	Acres serv:	1.5
Id:	8693	Facinv typ:	WELL
Fac name:	1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	20
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866739
Pump coo 1:	1105963	Well depth:	100

Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	PWS
Source nam:	Surficial Aquifer System	Display na:	Lisa J. Ullman, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000055336

O56
South
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000055337**

Permit no:	56-00860-W	App no:	091204-3
Actual per:	GP	Project na:	CHEVRON AT MIDWAY COMMONS
Lu code:	LAN	Acres serv:	1.5
Id:	8693	Facinv typ:	WELL
Fac name:	1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	20
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866739
Pump coo 1:	1105963	Well depth:	100
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Lisa J. Ullman, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000055337

O57
South
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000055338**

Permit no:	56-00860-W	App no:	091204-3
Actual per:	GP	Project na:	CHEVRON AT MIDWAY COMMONS
Lu code:	LAN	Acres serv:	1.5
Id:	8693	Facinv typ:	WELL
Fac name:	1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	20
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866739
Pump coo 1:	1105963	Well depth:	100
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	Lisa J. Ullman, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000055338

O58
South
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000055333**

Permit no:	56-00860-W	App no:	091204-3
Actual per:	GP	Project na:	CHEVRON AT MIDWAY COMMONS
Lu code:	LAN	Acres serv:	1.5
Id:	8690	Facinv typ:	WELL
Fac name:	2	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	30
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866829

Pump coo 1:	1105959	Well depth:	100
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	PWS
Source nam:	Surficial Aquifer System	Display na:	Lisa J. Ullman, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000055333

O59
South
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000055334**

Permit no:	56-00860-W	App no:	091204-3
Actual per:	GP	Project na:	CHEVRON AT MIDWAY COMMONS
Lu code:	LAN	Acres serv:	1.5
Id:	8690	Facinv typ:	WELL
Fac name:	2	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	30
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866829
Pump coo 1:	1105959	Well depth:	100
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Lisa J. Ullman, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000055334

O60
South
1/2 - 1 Mile
Lower

FL WELLS **FLSO80000055335**

Permit no:	56-00860-W	App no:	091204-3
Actual per:	GP	Project na:	CHEVRON AT MIDWAY COMMONS
Lu code:	LAN	Acres serv:	1.5
Id:	8690	Facinv typ:	WELL
Fac name:	2	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	30
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	866829
Pump coo 1:	1105959	Well depth:	100
Cased dept:	60	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	Lisa J. Ullman, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000055335

61
SW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000001280**

Permit no:	56-02054-W	App no:	040521-9
Actual per:	GP	Project na:	LARRY E GRUWELL
Lu code:	LIV	Acres serv:	7.5
Id:	157917	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	4	Pump capac:	60
Pump intak:	0	Pump int 1:	0

Invert ele:	0	Pump coord:	863651
Pump coo 1:	1107044	Well depth:	60
Cased dept:	0	Usests cod:	STD
Facwlsts c:	E	Factypwu c:	LIV
Source nam:	Surficial Aquifer System	Display na:	Paulette M. Glebocki, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000001280

P62
NW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000050036**

Permit no:	56-01347-W	App no:	040813-24
Actual per:	GP	Project na:	CARGILL JUICE NORTH AMERICA
Lu code:	IND	Acres serv:	251
Id:	27138	Facinv typ:	WELL
Fac name:	2	Pumptype c:	SUB
Pump diame:	0	Cul diamet:	0
Well diame:	6	Pump capac:	55
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863048
Pump coo 1:	1114351	Well depth:	200
Cased dept:	50	Usests cod:	PRM
Facwlsts c:	E	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	John Pfaff
Fee catego:	GP	Site id:	FLSO80000050036

63
SSW
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000071405**

Fluwid:	AAG3475	Well type:	43
Status:	ACTIVE	Casing mat:	PVC
Longitude:	-80.3544	Latitude:	27.37478
Well depth:	98	Length:	0
Diameter:	2	Permit num:	59-14155
Comment:	Not Reported	Sanit seal:	Yes
Name:	COBB	First name:	THOMAS
Last name:	COBB	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	Not Reported	Hae:	-35.59
Gps date:	15-MAR-06	Loc method:	DGPS
Project id:	SUPER	Insp fname:	RYAN
Insp lname:	FRASIER	Insp chd:	ST. LUCIE
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	4961 JORGENSEN RD
Number:	4961	Predir:	Not Reported
Prefix:	Not Reported	Street:	JORGENSEN
Suffix:	RD	Postdir:	Not Reported
Zipcode:	34981	City:	FORT PIERCE
Loc id:	768042	Gps id:	768042
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	OWNER
Other id:	Not Reported	Software:	Well_Solo_v2
Streetside:	Yes	Agency:	DOH
Parcel id:	Not Reported	Pws design:	0
Pws verify:	0	Site id:	FLSA80000071405

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

64
West
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000037896**

Permit no:	56-00805-W	App no:	890517-6
Actual per:	GP	Project na:	HIGH TIDE SALES
Lu code:	PWS	Acres serv:	.1
Id:	7924	Facinv typ:	WELL
Fac name:	1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	10
Pump intak:	80	Pump int 1:	0
Invert ele:	0	Pump coord:	861752
Pump coo 1:	1111682	Well depth:	90
Cased dept:	80	Usests cod:	STD
Facwlsts c:	P	Factypwu c:	PWS
Source nam:	Surficial Aquifer System	Display na:	Ann Marie Superchi
Fee catego:	GP	Site id:	FLSO80000037896

Q65
ENE
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000051360**

Permit no:	56-02133-W	App no:	041209-12
Actual per:	GP	Project na:	BILTMORE COMMERCIAL PARK
Lu code:	LAN	Acres serv:	1.5
Id:	165217	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	JET
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	22
Pump intak:	47	Pump int 1:	0
Invert ele:	0	Pump coord:	871705
Pump coo 1:	1112203	Well depth:	63
Cased dept:	47	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Nikki Carlson
Fee catego:	GP MIN	Site id:	FLSO80000051360

P66
NW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000049847**

Permit no:	56-01347-W	App no:	040813-24
Actual per:	GP	Project na:	CARGILL JUICE NORTH AMERICA
Lu code:	IND	Acres serv:	251
Id:	27137	Facinv typ:	WELL
Fac name:	1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	6	Pump capac:	25
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	863066
Pump coo 1:	1114469	Well depth:	200
Cased dept:	50	Usests cod:	PRM
Facwlsts c:	E	Factypwu c:	IND
Source nam:	Surficial Aquifer System	Display na:	John Pfaff

Fee catego:	GP	Site id:	FLSO80000049847

Q67
ENE
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000003042**

Permit no:	56-02031-W	App no:	040503-5
Actual per:	GP	Project na:	JFK LAND CORPORATION
Lu code:	LAN	Acres serv:	.97
Id:	156777	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	34
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	871733
Pump coo 1:	1112346	Well depth:	90
Cased dept:	75	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Kendra Miller
Fee catego:	GP MIN	Site id:	FLSO80000003042

68
WSW
1/2 - 1 Mile
Higher

FL WELLS **FLSO80000044167**

Permit no:	56-03111-W	App no:	101018-44
Actual per:	GP	Project na:	DOGS AND CATS FOREVER SELVITZ
Lu code:	LAN	Acres serv:	2
Id:	257964	Facinv typ:	WELL
Fac name:	Well 1	Pumptype c:	CEN
Pump diame:	0	Cul diamet:	0
Well diame:	2	Pump capac:	25
Pump intak:	0	Pump int 1:	0
Invert ele:	0	Pump coord:	861927
Pump coo 1:	1108947	Well depth:	90
Cased dept:	80	Usests cod:	PRM
Facwlsts c:	P	Factypwu c:	IRR
Source nam:	Surficial Aquifer System	Display na:	Nancy Demonstranti, P.G.
Fee catego:	GP MIN	Site id:	FLSO80000044167

69
North
1/2 - 1 Mile
Higher

FL WELLS **FLSA80000003684**

Fluwid:	AAH8267	Well type:	45
Status:	ACTIVE	Casing mat:	Not Reported
Longitude:	-80.34799	Latitude:	27.40257
Well depth:	0	Length:	0
Diameter:	Not Reported	Permit num:	4565032
Comment:	DATUM 84	Sanit seal:	Not Reported
Name:	TEACHER'S PLACE, THE	First name:	Not Reported
Last name:	Not Reported	Phone:	Not Reported
Phone ext:	Not Reported	Lg pws:	0
Datum:	WS1984	Hae:	0
Gps date:	30-JAN-03	Loc method:	DGPS
Project id:	DEP	Insp fname:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	ST. LUCIE	Address:	3366 S 25TH ST
Number:	3366	Predir:	S
Prefix:	Not Reported	Street:	25TH
Suffix:	ST	Postdir:	Not Reported
Zipcode:	34982	City:	FORT PIERCE
Loc id:	155434	Gps id:	155434
Wsrp id:	Not Reported	Action:	Not Reported
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Pws design:	1940
Pws verify:	0	Site id:	FLSA80000003684

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: FL Radon

Radon Test Results

Zip	Total Buildings	% of sites>4pCi/L	Data Source
34981	2	0.0	Certified Residential Database
34981	2	0.0	Mandatory Non-Residential Database
34981	5	0.0	Mandatory Residential Database

Federal EPA Radon Zone for ST LUCIE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Environmental Protection
Telephone: 850-245-8238

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

DEP GWIS - Generalized Water Information System Well Data
Source: Department of Environmental Protection
Telephone: 850-245-8507
Data collected for the Watershed Monitoring Section of the Department of Environmental Protection.

DOH and DEP Historic Study of Private Wells
Source: Department of Environmental Protection
Telephone: 850-559-0901
Historic database for private supply wells.

Well Construction Permitting Database
Source: Northwest Florida Water Management District
Telephone: 850-539-5999

Consumptive Use Permit Well Database
Source: St. Johns River Water Management District
Telephone: 386-329-4841

Permitted Well Location Database
Source: South Florida Water Management District
Telephone: 561-682-6877

Super Act Program Well Data
This table consists of data relating to all privately and publicly owned potable wells investigated as part of the SUPER Act program. The Florida Department of Health's SUPER Act Program (per Chapter 376.3071(4)(g), Florida Statutes), was given authority to provide field and laboratory services, toxicological risk assessments, investigations of drinking water contamination complaints and education of the public
Source: Department of Health
Telephone: 850-245-4250

Water Well Location Information
Source: Suwannee River Water Management District
Telephone: 386-796-7211

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Water Well Permit Database
Source: Southwest Water Management District
Telephone: 352-796-7211

OTHER STATE DATABASE INFORMATION

Florida Sinkholes
Source: Department of Environmental Protection, Geological Survey
The sinkhole data was gathered by the Florida Sinkhole Research Institute, University of Florida.

Oil and Gas Permit Database
Source: Department of Environmental Protection
Telephone: 850-245-3194
Locations of all permitted wells in the state of Florida.

RADON

State Database: FL Radon
Source: Department of Health
Telephone: 850-245-4288
Zip Code Based Radon Data

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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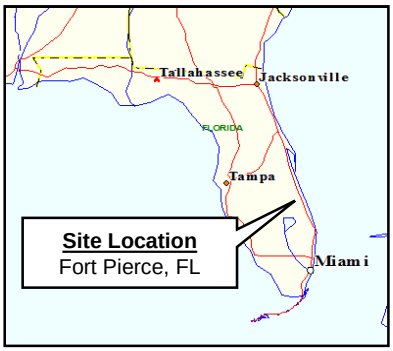
APPENDIX D

Historical Topographic Maps

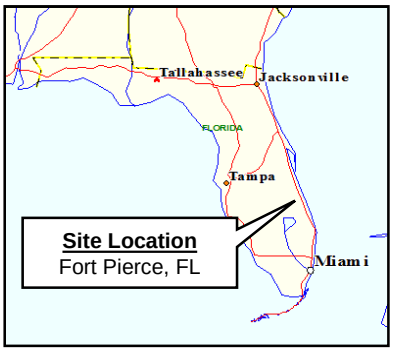


TOPOGRAPHIC MAP 1970

1.4-Acre Vacant Property

4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

N
W E
S

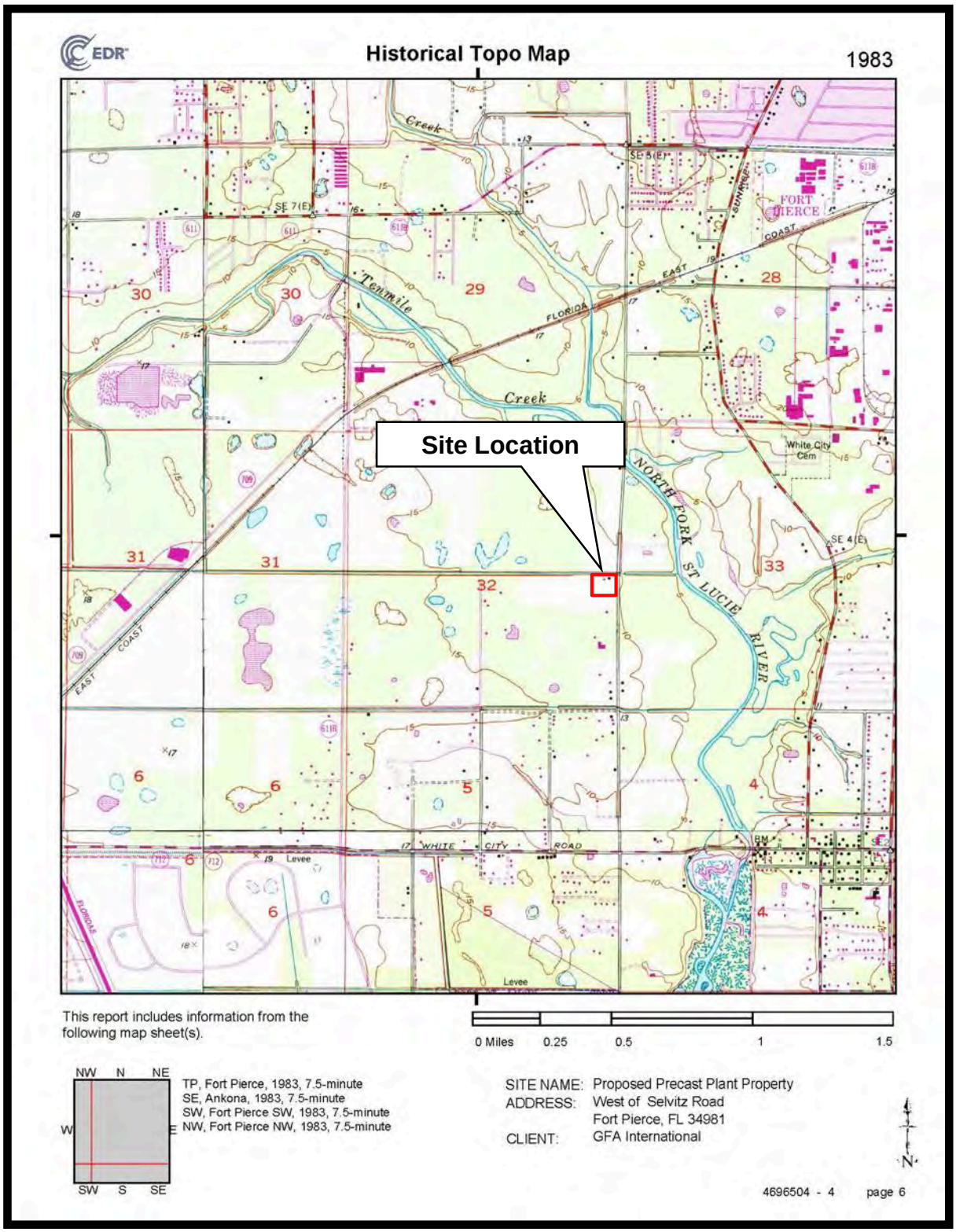


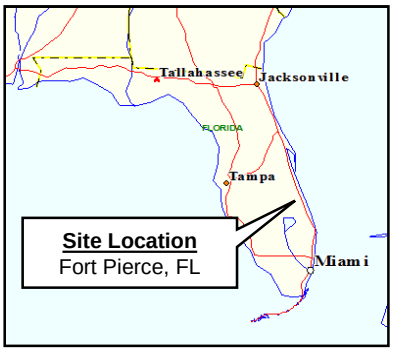
TOPOGRAPHIC MAP 1983

1.4-Acre Vacant Property

4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

N
W - E
S



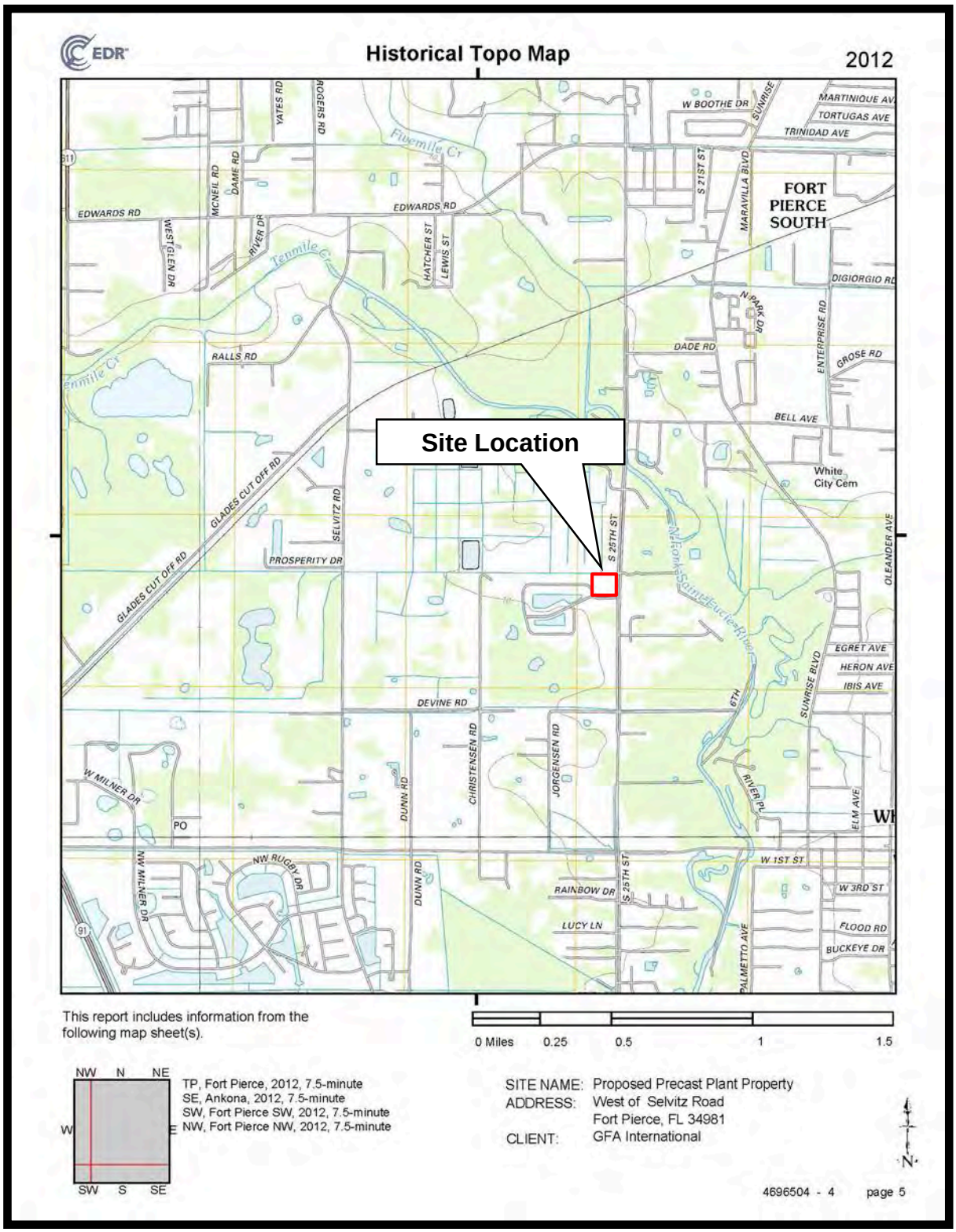


TOPOGRAPHIC MAP 2012

1.4-Acre Vacant Property

4201 South 25th Street
Fort Pierce St. Lucie County, Florida 34981

N
W E
S



APPENDIX E

Site Reconnaissance Photographs

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

1. West View: Subject Property

2. South View: Subject Property along South 25th Street

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

3. West View: One of Several Discarded Debris/Trash Piles on the Subject Property

4. Northeast View: Discarded Debris/Trash Pile on the Subject Property

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

5. East View: Five-Gallon Bucket with Lid Labeled "Bulls Eye Primer and Sealer" on the Subject Property. The Bucket was Observed to be filled with Liquid.

6. North View: Broken Concrete, Cinder Blocks, and Trash near West Boundary of the Subject Property

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

7. South View: Broken Concrete, Cinder Blocks, and Trash near West Boundary of the Subject Property

8. Southeast View:: Two 1-Gallon Paint Cans on the Subject Property. Cured Paint was Observed on the Ground Surface Adjacent to one of the Paint Cans

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

9. Northeast View: Discarded Debris/Trash Pile on the Subject Property

10. North View: Discarded Water Filtration Cannister on the Subject Property

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

11. Southeast View: Partially-Buried, Open-Top HDPE 55-gallon Drum Observed on the Subject Property

12. Southwest View: Discarded Open-Top, Cutoff HDPE 55-Gallon Drum Observed to Contain Trash and Broken Aquarium Glass

SITE RECONNAISSANCE PHOTOGRAPHS
1.4-Acre Vacant Property
4201 South 25th Street
Fort Pierce, St. Lucie County, Florida
August 17, 2018

13. Northeast View: Discarded Debris/Trash Pile on the Subject Property

14. South View: Discarded Tires near the Southeast Corner of the Subject Property

APPENDIX F

Qualifications of Individuals

Robert P. Crowell, P.G.

Environmental Department Manager, Port St. Lucie office

Mr. Crowell has over 30 years of experience in environmental consulting. He has led and served as project manager for hundreds of environmental assessment and remediation projects. Mr. Crowell has performed Environmental Site Assessments (ESAs) in Florida, Georgia, Mississippi, Louisiana, California, Minnesota, Pennsylvania, West Virginia, South Carolina, and the U.S. Virgin Islands.

Education

- Bachelor of Science (B.S.) Geology, 1984, University of South Florida, Tampa, Florida

Experience

- GFA International, Inc. Port St. Lucie, FL, 2016-Present
- ARCADIS U.S., Inc. (previously Geraghty & Miller, Inc.), West Palm Beach, FL, 1991-2015.
- Roux Associates, Inc., Huntington, NY 1984-1991.

Licenses

- Professional Geologist (P.G.) , Florida (#1748) and Kentucky (#1215)
- AHERA Licensed Asbestos in Buildings Inspector
- OSHA HAZWOPER 40-Hour and Annual 8-Hour Refresher
- OSHA HAZWOPER Supervisor
- Transportation Worker Identification Credential (TWIC)

Key Project Experience:

- Served as lead Environmental Professional (EP) and Project Manager for Phase I and Phase II ESAs in accordance with ASTM E-1527 and All Appropriate Inquiry (AAI) for over four hundred (400) property transfers. Sites have included large and small manufacturing facilities, newspaper and other printing plants, citrus groves, agricultural land, oil and gas pipeline facilities, undeveloped land, automobile dealership and automotive repair facilities, airport facilities, aircraft manufacturing and aerospace facilities, marinas and boat dealerships, residential apartment and condominium complexes, commercial office buildings, medical facilities, nursing home and assisted living facilities, shopping centers, dry cleaning facilities, power generation facilities, agricultural research facilities, mining facilities, self-storage facilities, port and other maritime industry facilities, renewable energy (wind and solar) facilities, waste treatment facilities, railroad facilities, a 107-acre former County correctional facility (closed prison) and right of ways for roadway expansion. Many of the assessments were performed as part of a “portfolio” of multiple properties included in a single transaction.

- Served as Project Manager for an Underground Storage Tank (UST) Closure Assessment forremoval of two 10,000-gallon USTs at a former citrus grove in St. Lucie County, Florida in February 2016. The project consisted of field-screening of 53 soil samples for volatile organic vapors, collection and analysis of confirmatory soil samples, installation of a monitoring well and collection and collection of a groundwater sample. Mr. Crowell was involved with all aspects of the project and prepared a Tank Closure Assessment

Report, which was submitted to the Florida Department of Environmental Protection. The site achieved "No Further Action" status.

- Served as Project Manager and lead assessor for the investigation and remediation of a toluene release at a manufacturing facility in Pompano Beach, Florida. The assessment required the installation of multiple depth clustered monitoring wells for determination of the horizontal and vertical extent of groundwater impacts. A recovery well was utilized for contaminant extraction and the facility's existing air-stripping system (for its process water) was utilized for treatment of recovered groundwater. Use of the existing air-striping system resulted in significant cost savings to the Client. Coinciding with plant closing, the three toluene underground storage tanks and impacted soils in the vicinity of the tanks were excavated and removed. Hot-spot removal of groundwater using a series vacuum extraction events at one location was performed. The site achieved "No Further Action" status in following Post Active Remediation Monitoring (PARM). The monitor and recovery wells were properly abandoned.

- Served as Task Manager for the Contamination Evaluation and Screening (CSE) portion of a Project Development and Environmental (PD&E) study of the intersection of 20th Street (State Road 60) amd 43rd Avenue (County Road 611) in Vero Beach, Indian River County, Florida. The CSE evaluated every property within the proposed right of way expansion and assigned a risk ranking value to each property for its potential for contamination. The CSE was incorporated into a PD&E report which evaluated many components of the right of way improvements.

- Served as Project Manager and lead assessor for investigation and remediation of lead impacts to soil and groundwater at a former battery manufacturing facility in West Palm Beach, Florida. Remediation efforts included soil excavation and groundwater extraction-and-treatment from "hot spots". Groundwater monitoring showed that lead concentrations had stabilized and the plume had been reduced in size. A risk-based closure (No Further Action with Controls) was approved by the FDEP.

- Served as Project Manager performing contamination assessment activities for arsenic impacts to soil and groundwater at a golf course maintenance facilityin Palm Beach Gardens, Florida. Soils in the vicinity of a former washdown area were excavated and removed as part of the source removal. Groundwater monitoring showed that arsenic concentrations had stabilized and the plume had been reduced in size. A risk-based closure (No Further Action with Controls) was approved by the FDEP.

- Performed AHERA-compliant asbestos in buildings surveys at numerous sites in Florida.

- Served as Project Manager for a Site Inspection (SI) including soil and groundwater sampling of a former small-arms firing range at a former U.S. Army base in Hobe Sound, Florida. The project was completed under Formerly-Used Defense Site (FUDS) program. The project included preparing a Work Plan, Quality Assurance Plan, and Health and Safety Plan, conducting Technical Project Plan (TPP) meetings with project stakeholders, and preparing the SI report. The project was designed to utilize X-Ray Fluorescence (XRF) technology which allowed for evaluation of lead in soil samples with a sizable reduction of cost for laboratory analysis.

- Served as Project Manager for preparation and implementation of a Dewatering Plan for 100 feet of petroleum pipeline replacement in Port Everglades, Florida. The dewatering activities lasted for 24 days. A total of 589,602 gallons of water was removed for treatment and recycling. Prepared a technical report documenting the pipeline replacement and dewatering. The dewatering plan and technical reports were approved by the South Florida Water Management District and the Broward County Environmental Protection and Growth Management Department.

- Served as Project Manager for assessment and remediation of petroleum impacts at a former 4,000-acre agricultural property in St. Lucie County containing citrus groves. The initial assessment began as a Phase I and II ESA. Several Recognized Environmental Conditions (RECs) were identified and assessed as part of the Phase II ESA. Impacts to soil and groundwater were identified adjacent to two underground fuel tanks at the grove maintenance area. Served as Project Manager for implementation of a Tank Closure Assessment and a Site Assessment. The remediation was achieved by source removal/soil excavation and Post Active Remediation Monitoring (PARM). The site achieved "No Further Action" status following PARM.

- Served as Project Manager for assessment and remediation of petroleum and arsenic impacts at a former agricultural property. The initial assessment began as a Phase I and II ESA of a ±300-acre agricultural parcel for future residential development. Four separate impacted areas (three by petroleum in areas of former USTs and ASTs) and one by arsenic in the area of the former farm operations were identified. The three petroleum areas were remediated using source removal and monitoring. Each of these three areas achieved "No Further Action" status. The arsenic-impacted area was remediated by extraction of groundwater through a series of dewatering socks and soil excavation. Mr. Crowell was involved with preparation of the Dewatering Plan and permit approval, and negotiating with Palm Beach County Utilities Department for acceptance of the removed groundwater. The site achieved "No Further Action" status following PARM. The monitor wells were properly abandoned. The site has been redeveloped for residential use.

- Served as Project Manager for assessment and remediation for two separate petroleum releases at a mushroom growing facility in Zellwood, Orange County, Florida. The remediation systems for both areas consist of multi-phase extraction from recovery wells. The treated groundwater is discharged to separate on-site infiltration galleries. One of the releases was eligible for funding under the State Petroleum Cleanup Program. The second release was not eligible. Site work for both areas was scheduled to be performed during single mobilizations for cost saving purposes.

- Served as Project Manager for more than 80 wind energy projects in various states. Projects included due diligence assessments, wind farm site location, permitting, and construction. Responsibilities included conducting Phase I and II ESAs, coordinating with the Program Manager, tracking budgets, reviewing and approving client invoices.

- Served as Project Manager for closure assessment and removal of a 12,000-gallon aboveground kerosene tank and more than 4,000 linear feet of underground pipeline at

a former landscape nursery facility in Palm Beach County, Florida. The AST and underground pipeline provided fuel to heaters in numerous shadehouses located throughout the property. The assessment was designed to test soil at every location where the 20-foot lengths of pipeline connected, at every "T" or "L" connector, and every stub-up to a heater. Source removal activities were completed at each location where impacted soil was identified.

District Use Only: No. _____ - 019 - 008 - 101

NORTH ST. LUCIE RIVER WATER CONTROL DISTRICT

("District")

14666 Orange Avenue • Fort Pierce, Florida 34945 • (772) 461-5050 • FAX (772) 461-9446

Application to Connect to, or Use, District Facilities, or for Utility Construction* The Manor Adult Living Facility

A. General Information:

Applicant Information:

Name: RED LION CONSTRUCTION INC

Address: 7548 U.S. HIGHWAY #1

PORT ST. LUCIE FL 34952

Telephone: (772) 463-3800

Email: REDLIONCORP1@GMAIL.COM

Owner Information (if different from Applicant):

Name: SAME

Address: _____

Telephone: ( )

Email: _____

Engineer of Record Information (if applicable):

Name: LADYKO DESIGN GROUP LLC

Address: 4400 BELLE GROVE DR

FT. PIERCE FL. 34981

Telephone: (772) 530-8261

Email: enginpod225@AOL.COM

Billing Contact Information:

Name: SAME

Address: _____

Telephone: ( )

Email: _____

B. Project Information: (Check appropriate box and attach drawings to show location and details):

☒ Culvert Connection to District canal for irrigation or gravity drainage.

☐ Pump Connection to District canal for irrigation or drainage.

☐ Installation of culvert or water control structure in District canal for crossing or water control.

☐ Utility Crossing:

☐ Electric ☐ Telephone ☐ Gas

☐ Cable Television ☐ Water Main ☐ Force Main

☐ Other (specify): _____

Location: Section(s): 32 Township: 35S Range: 40E Canal No.: 101

Description of Indirect Connection: _____

Drainage area served: 1.36 acres (Culvert or pump Connections.)

C. Construction Schedule:

Estimated commencement date: NOV. 2019 Estimated completion date: OCTOBER 2020

D. Application, Use Fee: $ N. **Review Deposit:** $ _____

(Submit fee with this application in accordance with the District's fee schedule.)

ACKNOWLEDGEMENT AND ACCEPTANCE:

As reflected by my signature below, I hereby certify that the information shown above is accurate to the best of my knowledge, and that I agree to satisfy or abide by all requirements of this Permit, including "Standard Provisions" itemized on the reverse, and "Special Conditions" imposed by the District. Further, I acknowledge that the District and its Engineers are doing work to benefit the property and non-payment may result in filing of a construction lien as permitted by the Florida Statutes.

Owner Signature: _____

Owner Name (Type or Print): MARK NICHOLAS - PRESIDENT

Date: 8-6-19

District Use Only: No. _____ - 09 - 005 - 101

NORTH ST. LUCIE RIVER WATER CONTROL DISTRICT

("District")

14666 Orange Avenue • Fort Pierce, Florida 34945 • (772) 461-5050 • FAX (772) 461-9446

Application to Connect to, or Use, District Facilities, or for Utility Construction*

SPECIAL CONDITIONS: (for District Use Only):

Attached

****

Application Approved and Permit for Construction Issued:

By:_____ Date of Approval: 9-26-19

For the North St. Lucie River Water Control District

Permit Expiration Date: 9-26-21 Construction Expiration Date: _____

****

Project Certification Received and Accepted:

By:_____ Date of Approval:_____

For the North St. Lucie River Water Control District

Certification Expiration Date:_____

**This Application will become a Permit if and when approved and signed by an authorized representative of the District.*

****

September 26, 2019
The Manor Adult Living Facility –Drainage Connection to Canal 101
NSLRWCD Permit Application No. 019-008-101

Permit Conditions

1. The permittee is proposing improvements to 1.36 acres of vacant land located 1.0 mile north of Midway Rd. on the west side of South 25th St. As part of the proposed improvements, the future site will consist of 26,926 square foot of building space to be constructed in two phases and includes the associated parking and landscaping. The site will capture stormwater into a dry detention area before discharging into Canal 101 via the proposed control structure. The permittee shall install the proposed improvements in accordance with the plans dated August 5, 2019.

2. The permittee shall be responsible for all permit application review fees associated with this permit application.

3. At least two (2) week prior to commencement of construction, the permittee shall contact the District Office and District Engineer to schedule a pre-construction meeting.

4. The permittee shall contact the District Superintendent of Works, Bill Price at (772) 201-4781, to schedule any site inspections.

5. The contractor shall provide the NSLRWCD with a 24 hour contact number and personnel for emergency situations.

6. The applicant shall be responsible for notifying the District of deviations from the approved plans during construction that would impact or affect District right-of-way or facilities. Any revisions or modifications to the approved plans shall be submitted to the District for review and approval.

7. If dewatering is proposed, the permittee shall furnish a copy of the proposed dewatering plan to this District prior to the start of construction. The permittee may need to provide a stand by pump for bypassing the canal flow over the temporarily closed canal crossing. However, in the event of forecasted landfall of a named storm event, the permittee shall be prepared to provide additional pumping capabilities or reopen the canal crossing so that the historical canal flow can be maintained. The permittee shall coordinate with the District Superintendent of Works to assess if, or when, bypass pumping is necessary.

8. The applicant shall ensure that the project complies with current State Water Quality Standards. The permittee shall be responsible for installing and maintaining measures to prevent sedimentation and turbidity issues within District canals. At a minimum, the Board recommends installing turbidity curtains downstream of the construction site and installing silt fence as applicable. The contractor shall stake all turbidity barriers at the canal high water line at minimum. Please be advised that the contractor will need to coordinate with the District Supervisor or Works as necessary for the removal of any turbidity barriers in the event of forecasted landfall of a named storm event.

9. Within 30 days after completion of the permitted activity, the permittee shall submit notice of completion to the District for approval. This shall consist of a written notice of completion letter, and two (2) complete sets of the final "Record Drawings", signed and sealed by the project engineer of record or licensed surveyor. These statements must specify the actual date of construction completion and must certify that all improvements have been constructed in substantial conformance with the plans and specifications approved by the District and will function as intended and designed. If deviations from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. All surveyed dimensions and elevations shall be certified by a registered surveyor.

STANDARD PROVISIONS

for

Application / Permit No. 019-008-101

If this Application for a Permit is approved, I do acknowledge, understand, and agree that:

1. I hereby indemnify and hold the District harmless from claims for property damage or personal injury arising from the installation or use of the permitted facility, and that this indemnification extends to damage to the facility itself that may occur from District operation and maintenance work.
2. Approval of this application does not relieve the Permittee from securing any and all other permits that may be required by other entities or governmental agencies, including, but not limited to, the South Florida Water Management District, the Florida Department of Environmental Protection, and St. Lucie County.
3. The use of, or construction within, the District's right-of-way shall conform to the details of the attached approved drawings supporting this application. **Modifications must be approved by the District in writing prior to construction.**
4. If required in the interests of the District's operation and maintenance program, or by any modifications to the District's Standard Provisions, I agree to alter, replace, relocate, or remove the permitted facilities at no cost to the District, all as is more fully set forth by District Policy Resolution duly recorded in O.R. Book 669 at page 699 of the Public Records of St. Lucie County, Florida, but subject to the limitations thereof.
5. The lands to be benefited by this application are, or may be, subject to flooding during periods of high water resulting from heavy rains or other acts of God. This Permit will be accepted subject to this possibility, which is recognized not to be within the control of the District.
6. Any other requirements that may be imposed by the District are binding upon me, my successors and assigns.
7. Any Permit issued as an approval of this application other than one issued in irrevocable, recordable form pursuant to the Policy Resolution referenced in item 4, above, shall not be transferable from the Permittee to a subsequent owner or owners of all, or a portion of, the subject property without the express, written approval of the District.
8. Any Permit issued as approval of this application is strictly subject to all of the rules of the District, duly promulgated from time to time, which are on file and available for examination at the offices of the District by those having interest.
9. If a Permit is granted, I shall notify the District not less than 24 hours prior to the beginning and completion of the work, to enable the coordination and scheduling of inspections.
10. I accept total responsibility for any erosion of, or shoaling in, the District's right-of-way or canals that results from the permitted work, and I shall repair or remove same promptly, at no expense to the District.
11. During and after construction, I shall prevent material from the construction area from being discharged to, or settling in, District canals.
12. Unless authorized by Permit, I shall neither place, construct or plant, nor cause to be placed, constructed or planted, any object or improvement within the District right-of-way without the express written prior approval of the District.
13. Within thirty (30) days of completion of the work, I shall submit a written statement to the District certifying that the work was performed and completed in accordance with the Permit and the approved drawings. If the work deviates from the Permit or approved drawings, the certification shall state the nature and extent of those deviations.
14. If this Permit is for a drainage connection, then drainage discharge from the area served shall not exceed the volumetric equivalent of 2.0 inches of depth over the area for any 24-hour period (38 gallons per minute per acre) from the 10-year frequency, 72-hour duration rainfall.
15. If a Permit is issued for a hydraulic connection of property with a District canal, I shall not discharge hyacinths or other aquatic vegetation into the District canal.
16. The Permittee, his agents and contractors, shall conduct the work in a manner that will not impair the use, or potential use, of the District right-of-way and facilities. In no case shall drainage or irrigation canals or appurtenant works be obstructed or restricted.
17. All irrigation and drainage connections to District facilities shall be clearly marked with a post of contrasting colors to identify the location and extent of the permitted installation.
18. If access is permitted via an existing culvert crossing installed in District right-of-way, the Permittee is advised that the crossing may be permitted for use by other affected owners, as such crossings are limited in number by the District.
19. The District reserves the right to permit the use of culvert crossings installed in rights-of-ways by other affected owners of District lands, as culvert crossings are subject to distance limitations imposed by the District.
20. All utility installations shall be clearly marked with above-ground signs or markers, as required by the District's "Permit Information and Criteria Manual."

SPEED
HUMP
AHEAD
10

FORT PIERCE CENTRAL HIGH SCHOOL

PALM LAKE