

Application Submission Datasheet

Application Number: 2419 Facility open to the public? Yes Application Type: FBP
Sinking Facility: is Facility Name: Horner Lane Boat Ramp

Applicant Information

Applicant: Horner Lane Boat Ramp
Applicant Address: 1100 N. 1st St., Suite 100, Tallahassee, FL 32301
Project Manager Name: [Redacted]
Project Manager Phone: [Redacted]
Project Manager Email: [Redacted]

Project Summary

Project Name: Horner Lane Boat Ramp Rehabilitation
Application Type: New
Reason Type: Change/Expansion/Upgrade

Project Category: Other Boating Related
Project Description: Rehabilitation of Horner Lane Boat Ramp... The project involves the reconstruction of the existing boat ramp structure, including the installation of new concrete piers and a new approach ramp. The project also includes the installation of new lighting and signage, and the removal of existing vegetation and trees. The project is located on the east side of Horner Lane, just north of the intersection with State Road 100. The project area is approximately 1.5 acres in size. The project is estimated to cost \$1.5 million. The project is expected to be completed within 12 months. The project will provide improved access to the water for recreational boating and fishing. The project will also improve the appearance of the boat ramp and the surrounding area. The project is a high priority for the City of Tallahassee. The project is being funded by the City of Tallahassee. The project is being funded by the City of Tallahassee.

Project Information

Project: Horner Lane Boat Ramp Rehabilitation
Location: Horner Lane, Tallahassee, FL
Map: [Map showing project location]
Site Plan: [Site plan showing project layout]
Permit: [Permit information]
Status: [Project status]

Facility Components and Use

Number of Launches: 1
Ramp Orientation: East

Docks

Number of Docks: 2
Dock Orientation: East

Facility Attributes

Number of Launches: 1
Ramp Orientation: East

Project Engineering and Permits

Project Engineer: [Redacted]
Permit Status: [Permit status]

Funding

Funding Source: [Redacted]
Funding Amount: [Redacted]

Project Scope

Project Description: Rehabilitation of Horner Lane Boat Ramp... The project involves the reconstruction of the existing boat ramp structure, including the installation of new concrete piers and a new approach ramp. The project also includes the installation of new lighting and signage, and the removal of existing vegetation and trees. The project is located on the east side of Horner Lane, just north of the intersection with State Road 100. The project area is approximately 1.5 acres in size. The project is estimated to cost \$1.5 million. The project is expected to be completed within 12 months. The project will provide improved access to the water for recreational boating and fishing. The project will also improve the appearance of the boat ramp and the surrounding area. The project is a high priority for the City of Tallahassee. The project is being funded by the City of Tallahassee. The project is being funded by the City of Tallahassee.

Budget

Table with columns: Budget Category, FY24 Budget, FY25 Budget, Total Budget. Rows include Construction, Professional Fees, and Contingency.

Budget Metrics

Construction Costs: \$1.2 million
Professional Fees: \$0.2 million
Contingency: \$0.1 million

Project Details

Project Name: Horner Lane Boat Ramp Rehabilitation
Project Number: [Redacted]
Project Status: [Redacted]

Upload Documents

Table with columns: Document Name, Version, Date, Status. Lists various project documents like Site Plan, Permit, and Contract.



SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23S, R. 17E.
HERNANDO COUNTY, FLORIDA
SHEET 1 OF 12 SHEETS

PLAT BOOK 7
AND PAGE 53

DESCRIPTION: Situated in Sections 28, 29 and 32, Township 23 South, Range 17 East, Hernando County, Florida, and more particularly described as follows:

Beginning at the Northwest corner of Section 28, Township 23 South, Range 17 East, proceed S89°16'11"E 2162.01 feet along the North line of said Section 28; thence S09°42'08"E 1348.73 feet; thence S54°15'01"E 711.71 feet; thence S19°04'53"W 132.99 feet; thence S48°57'04"W 121.14 feet; thence Southeasterly along a curve to the right having a radius of 635.00 feet and a central angle of 29°53'02" a distance of 331.20 feet; thence S11°09'54"E 292.53 feet; thence Southwesterly along a curve to the right having a radius of 635.00 feet and a central angle of 41°26'02" a distance of 499.20 feet; thence S30°12'08"W 516.59 feet; thence Southwesterly along a curve to the left having a radius of 549.00 feet and a central angle of 12°08'03" a distance of 1196.6 feet; thence S18°08'05"W 486.23 feet; thence N71°51'55"W 622.00 feet; thence Northwesterly along a curve to the right having a radius of 2010.00 feet and a central angle of 24°55'35" a distance of 891.86 feet; thence Southwesterly along a curve to the left having a radius of 2300 feet and a central angle of 85°28'52" a distance of 38.61 feet; thence S44°34'52"W 299.49 feet; thence Southwesterly along a curve to the left having a radius of 680.00 feet and a central angle of 20°54'39" a distance of 302.91 feet; thence N45°25'08"W 64.67 feet; thence Northwesterly along a curve to the left having a radius of 1330.00 feet and a central angle of 94°22'17" a distance of 101.47 feet; thence S40°12'35"W 194.28 feet; thence S10°10'42"W 302.00 feet; thence N79°49'18"W 264.87 feet; thence S44°06'44"W 956.94 feet; thence S08°24'40"E 7011.1 feet; thence

S47°51'57"W 641.92 feet; thence S78°41'24"W 361.55 feet; thence N81°53'46"W 139.45 feet to the South 1/4 corner of Section 29, Township 23 South, Range 17 East; thence N00°54'45"E 1319.45 feet along the East line of the Southeast 1/4 of the Southwest 1/4 of said Section 29 to the North line of the Southeast 1/4 of the Southwest 1/4 of said Section 29; thence along this line N89°07'42"W 854.1 feet; thence N09°52'8"E 150.90 feet; thence N23°37'07"E 542.31 feet; thence N44°42'58"W 745.00 feet; thence Southwesterly along a curve to the left having a radius of 2500 feet and a central angle of 30° a distance of 39.27 feet to the Easterly Right-of-Way line of U.S. Highway No. 19; thence along this Right-of-Way line N43°31'01"E 2020.10 feet; thence continue on along this Right-of-Way line Northwesterly on a curve to the right having a radius of 1428.5 feet and a central angle of 13°52'50" a distance of 1321.27 feet to the North line of Section 24, Township 23 South, Range 17 East; thence along this line N89°58'37"E 2438.80 feet to the Northeast corner of said Section 29 and the Northwest corner of Section 28, Township 23 South, Range 17 East, and the Point of Beginning, all lying and being in Hernando County, Florida, and containing 613.28 Acres more or less.

DEDICATION
KNOW ALL MEN BY THESE PRESENTS, That the THE DELTONA CORPORATION being the owner in fee simple of the lands described in the foregoing caption to this plat do hereby dedicate said lands and plot for the uses and purposes therein expressed and dedicate the Thoroughfares, Alleys, Lakes, Waterways, Drainage Rights-of-way and Drainage Retention Areas shown hereon to the perpetual use of the public. Unless otherwise indicated an easement 20 feet wide of lot lines abutting and adjacent to all Lakes and Waterways and 10 feet wide at the rear of each lot and 6 feet wide at the sides of each lot is reserved to the THE DELTONA CORPORATION, its successors or assigns for the installation and maintenance of Utilities and drainage facilities, with the following exceptions: Side lot lines lying adjacent to streets shall contain no easements, and where more than one lot is intended as a building site, the outside boundaries of said building site shall carry said side easements.

IN WITNESS WHEREOF, the above named corporation has caused these presents to be signed and attested to by its officers named below and corporate seal to be affixed hereto on 25 day of Feb, 1967

By James E. Vaisei Vice President
Attest: W.H. O'Dowd Jr. Asst. Secretary

ABSTRACTOR'S CERTIFICATE.
I hereby certify that The Deltona Corporation is the apparent record owner of the lands hereby platted; that there are no delinquent taxes on such lands and that record title to all access roads is held by Hernando County or the State of Florida. This February 4, 1967.
Walter C. Coffey, Jr., Sr.
Walter C. Coffey, Jr., Sr.
Walter C. Coffey, Jr., Sr.

RESOLUTION
WHEREAS This Plat was on this 4 day of February, 1967. Submitted to the Board of County Commissioners of Hernando County for approval for record and has been approved by said Board, now therefore be it resolved by the Board of County Commissioners of Hernando County, Florida that said plat is hereby approved and shall be recorded in the Public Records of Hernando County, Florida, and that the Dedication of all Thoroughfares, Alleys, Lakes, Waterways, Drainage Rights-of-way and Drainage Retention Areas thereon is hereby accepted by said Board for Hernando County and the Public, generally and shall be binding on all persons hereafter.

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY, FLORIDA
Attest: Charles W. May Clerk
Charles W. May Chairman

CLERK'S CERTIFICATE
I, Walter C. Coffey, Jr., Sr. Clerk of the Circuit Court of Hernando County, Florida, hereby certify that I have examined this plat, that it complies in form with all the provisions of Chapter 111, Florida Statutes, that it was filed for record on the 4 day of February, 1967, in Plat Book 7, Pages 53 thru 64, File No. 546.

Walter C. Coffey, Jr., Sr.
CLERK OF THE CIRCUIT COURT
Hernando County, Florida

STATE OF Florida, COUNTY OF Dade
THIS IS TO CERTIFY, that on Feb 25 1967 before me, an officer duly authorized to take acknowledgments in the State and County aforesaid, personally appeared James E. Vaisei and Wm H. O'Dowd Jr., respectively Vice President and Assistant Secretary of the above named Deltona Corporation authorized to do business in the State of Florida, to me known to be the individuals and officers described in and who executed the foregoing Dedication and severally acknowledged the execution thereof to be their free act and deed as such officers. Thereunto duly sworn, that the official seal of said corporation is duly affixed hereto, and that the said Dedication is the act and deed of said corporation.

IN WITNESS WHEREOF, I have hereto set my hand and seal on the above date February 25 1967.
Walter C. Coffey, Jr., Sr.
NOTARY PUBLIC

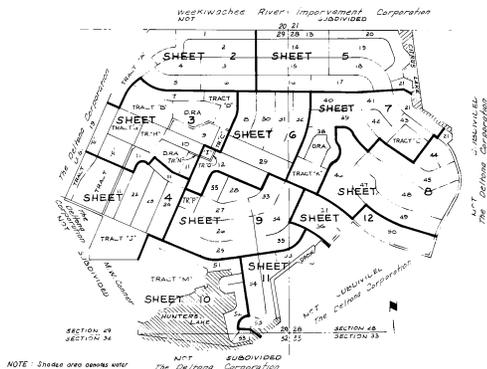
My Commission Expires May 31 1970

SURVEYOR CERTIFICATE
I, Arthur L. Day, hereby certify that I prepared this plat and that it is a correct representation of the lands platted, that this plat complies with all provisions of Chapter 171, Florida Statutes, and with all of the plat requirements adopted by the Board of County Commissioners of Hernando County, Florida, on 17 day of October, 1960.

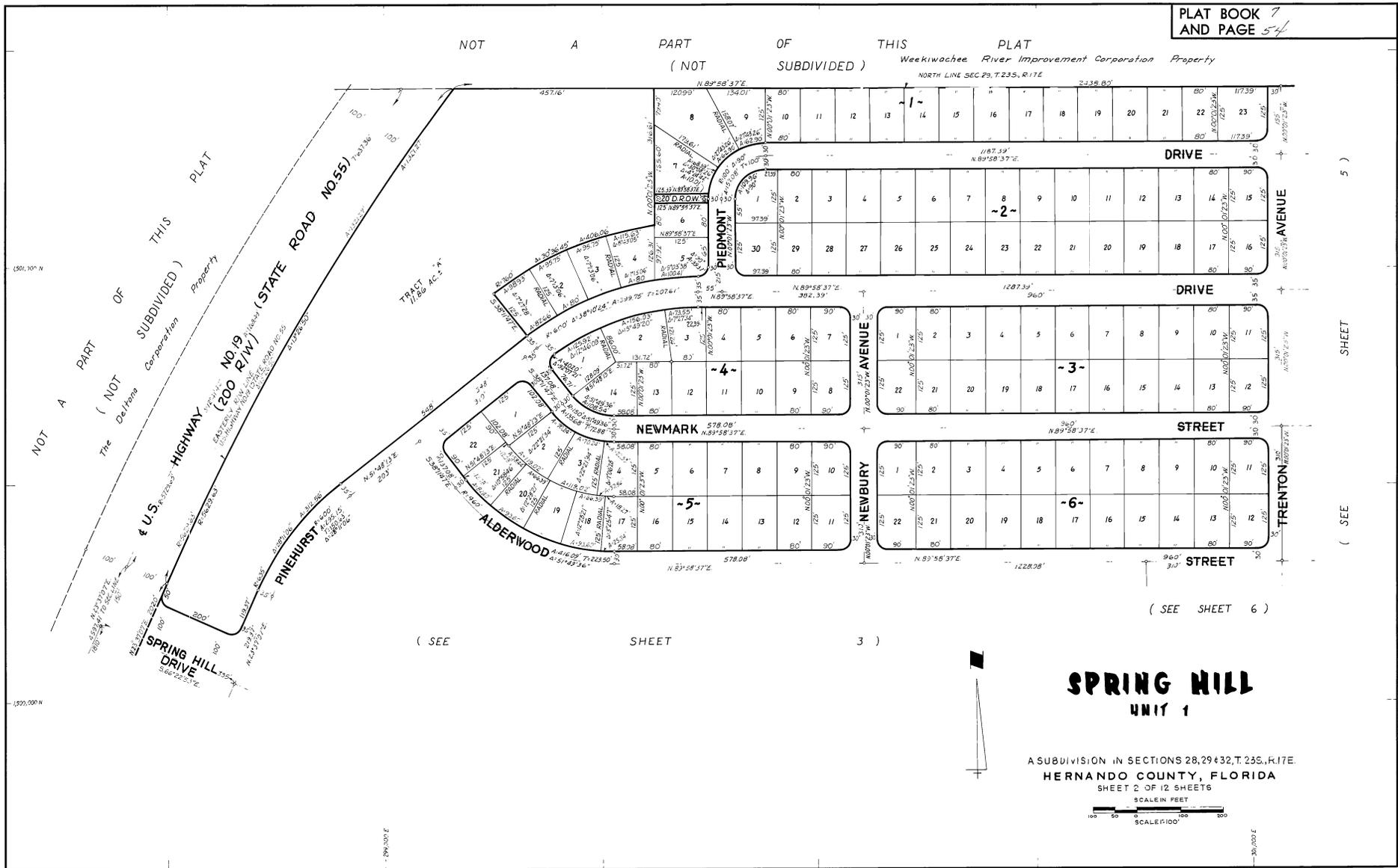
Arthur L. Day
Registered Engineer No. 6245
Registered Land Surveyor No. 1285
State of Florida

ENGINEER'S NOTES:

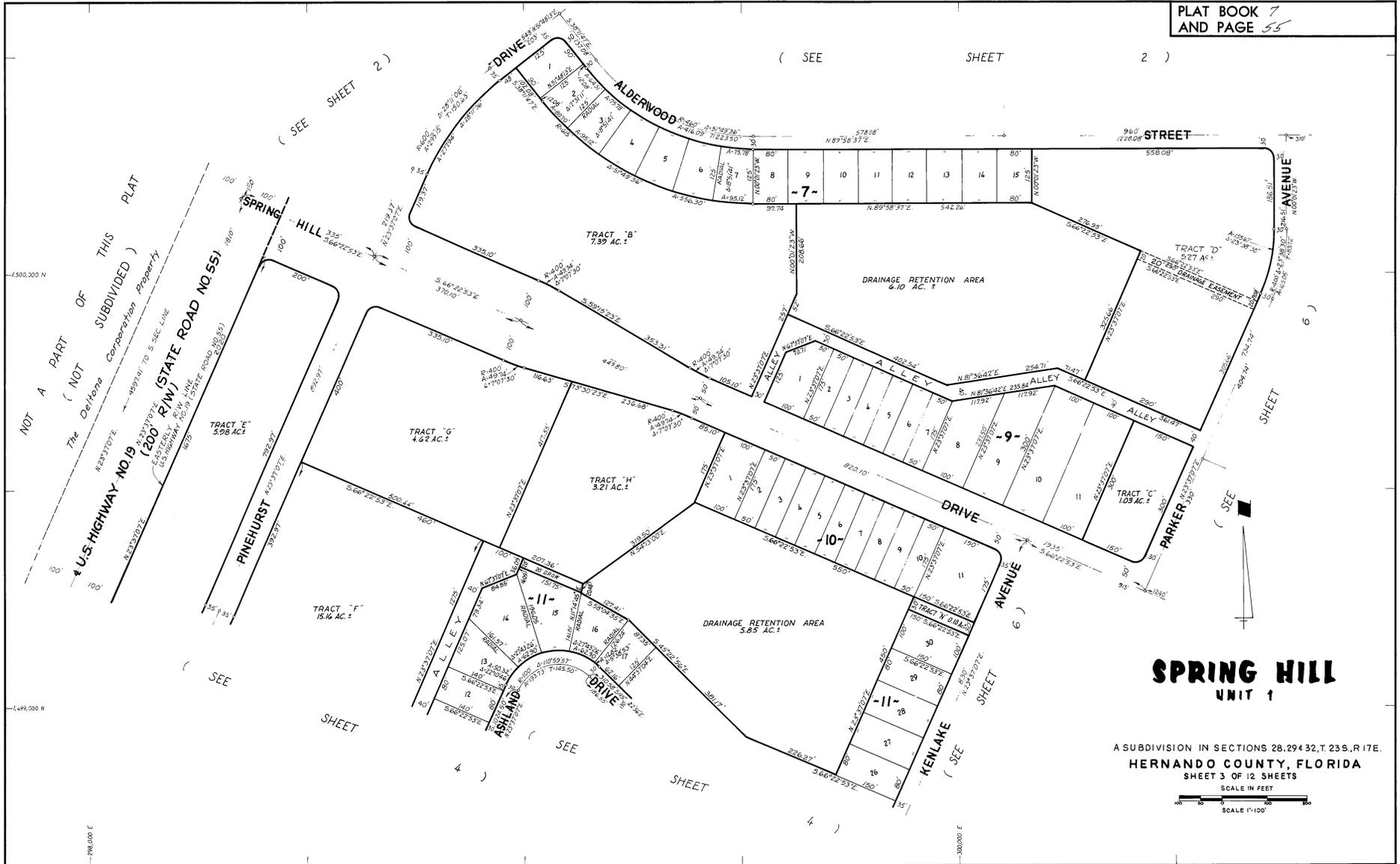
- All radii are 25 feet unless otherwise noted
- Distances on corner lots are to the intersection of block lines extended unless otherwise noted.
- Bearings and coordinates shown are grid on the Florida Coordinate System West Zone.
- D.R.O.W. indicates Drainage Right-of-Way
- All lot lines are radial to the street right-of-way curves they intersect unless otherwise noted.
- * Indicates Permanent Reference Monuments at all street centerline intersections.



LOCATION & KEY MAP
SCALE 1" = 1000'



PLAT BOOK 7
AND PAGE 55



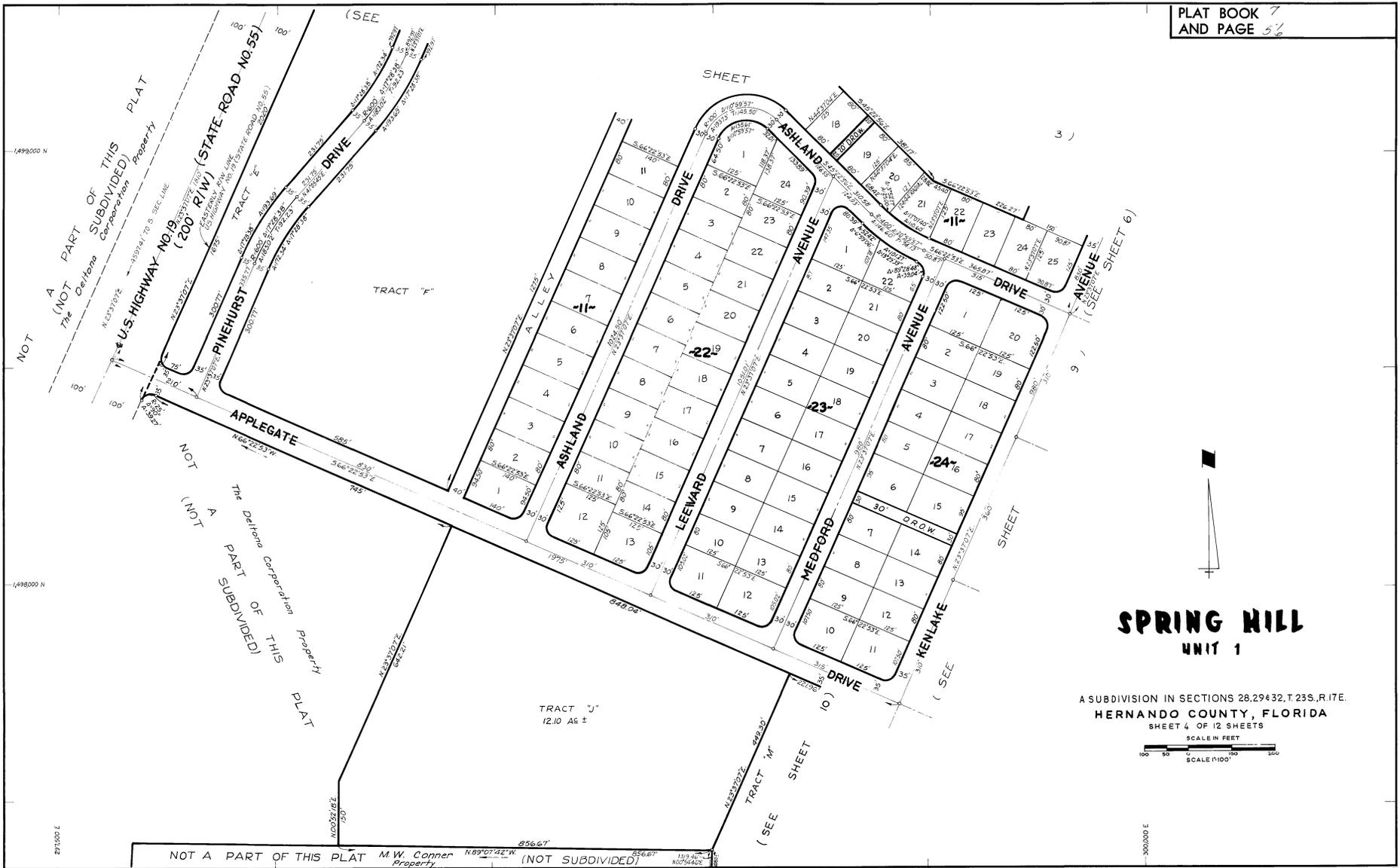
SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29, 32, T. 23 S., R. 17 E.
HERNANDO COUNTY, FLORIDA
SHEET 3 OF 12 SHEETS



48 LOTS THIS SHEET

PLAT BOOK 7
AND PAGE 56



SPRING HILL UNIT 1

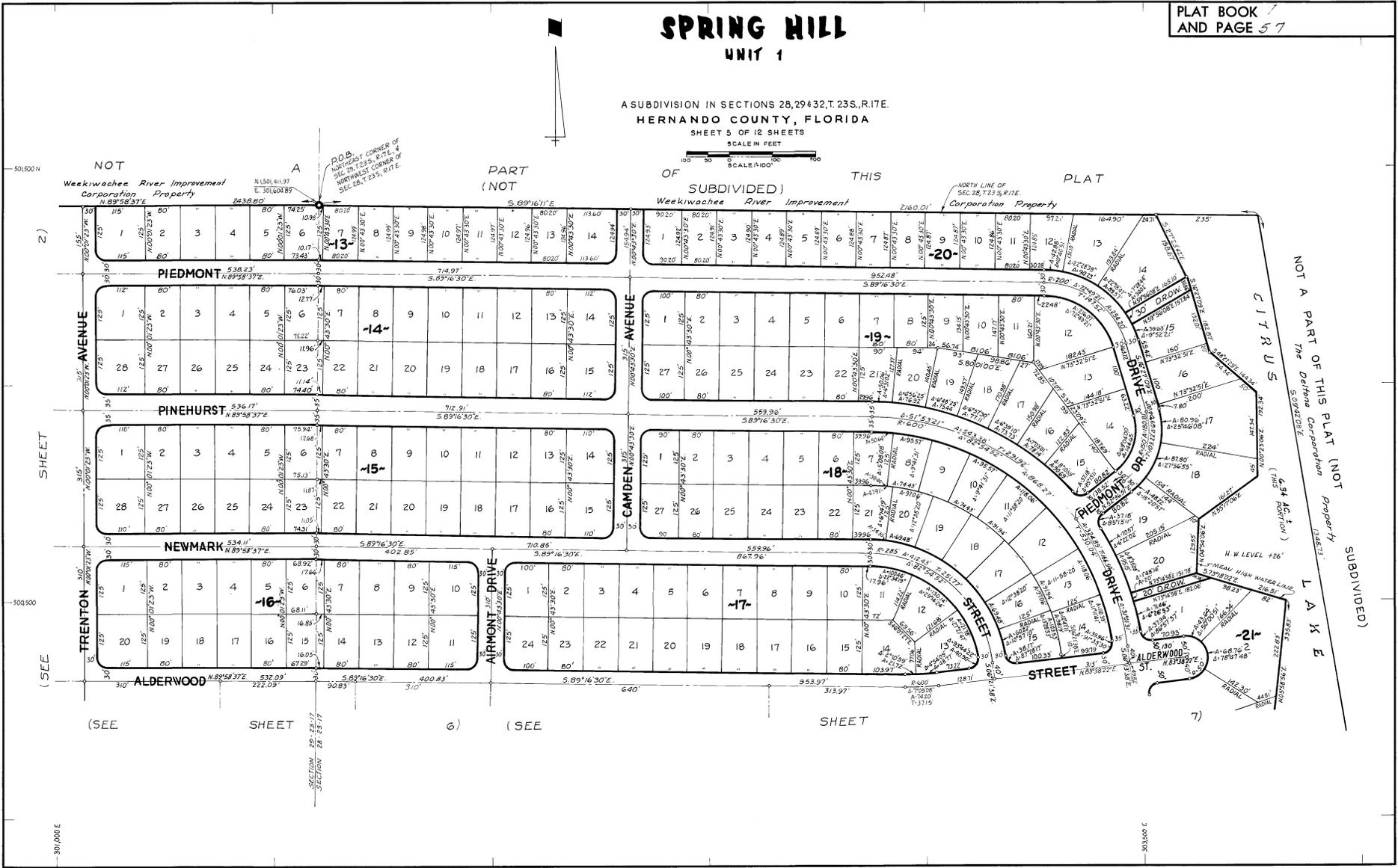
A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23 S., R. 17 E.
HERNANDO COUNTY, FLORIDA

SHEET 4 OF 12 SHEETS
SCALE IN FEET
SCALE 1"=100'

85 LOTS THIS SHEET

SPRING HILL UNIT 1

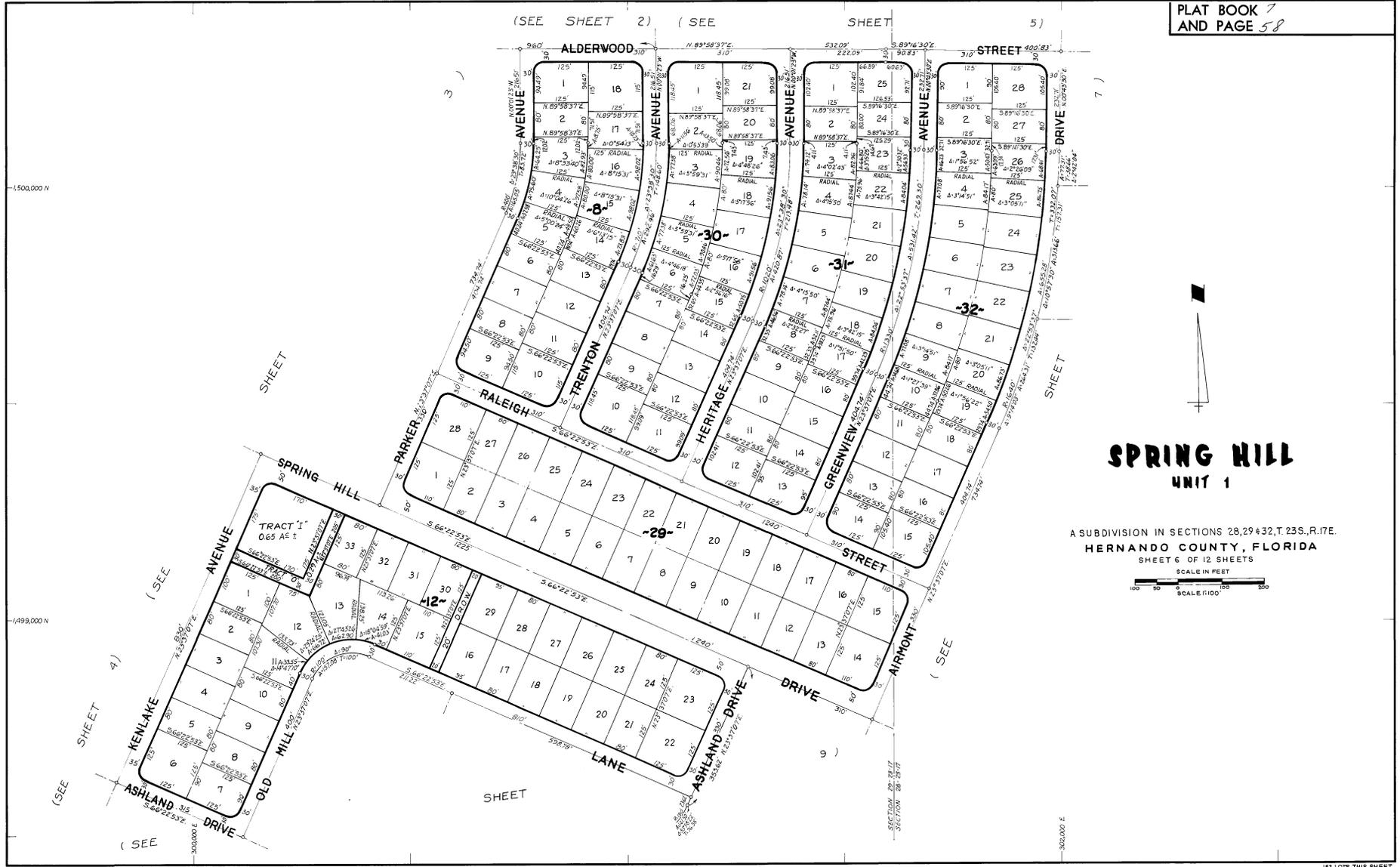
A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23 S., R. 17 E.
HERNANDO COUNTY, FLORIDA
SHEET 5 OF 12 SHEETS



NOT A PART OF THIS PLAT (NOT SUBDIVIDED)
The Deltona Corporation Property
L A Y S E

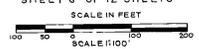
190 LOTS THIS SHEET

PLAT BOOK 7
AND PAGE 58

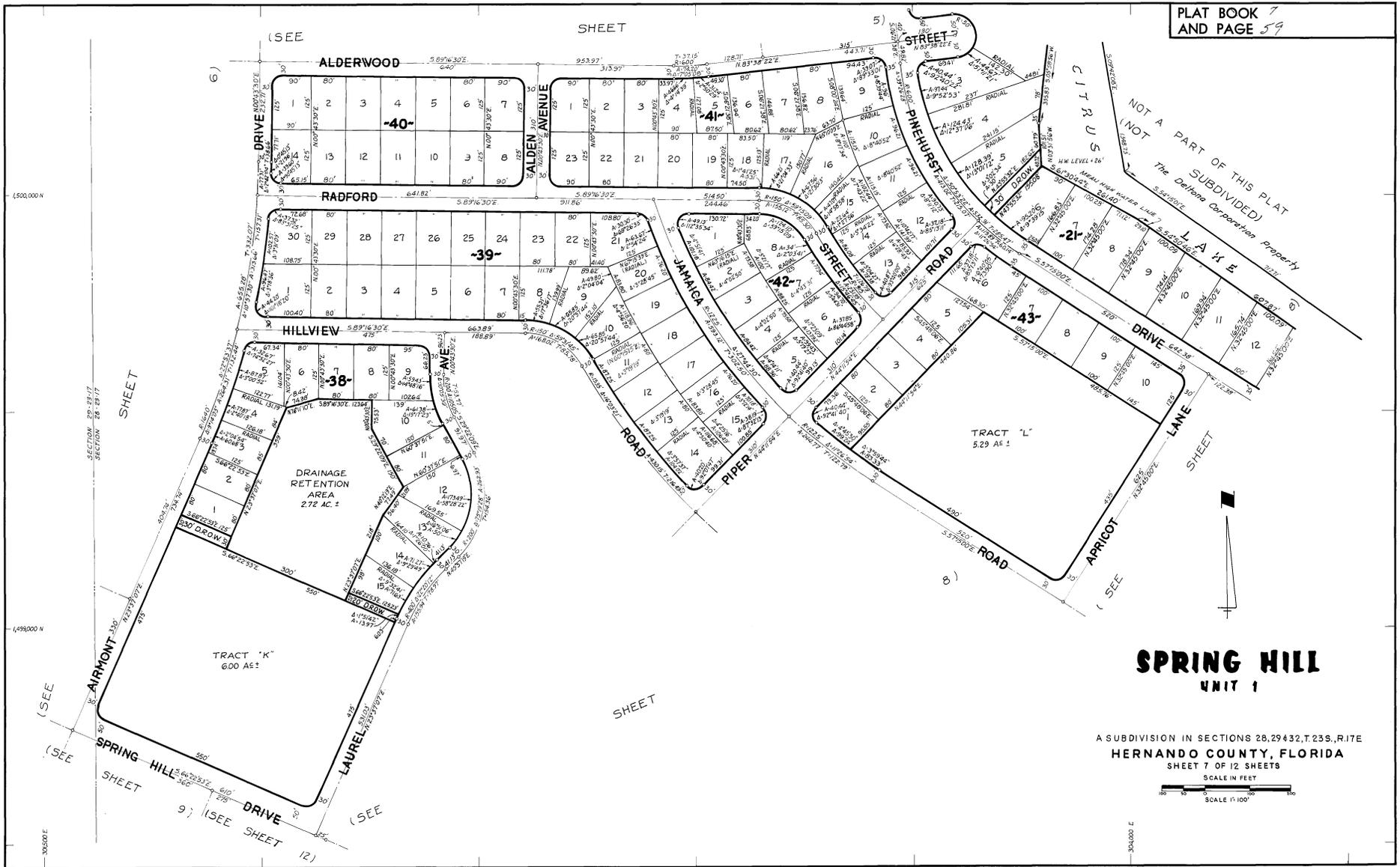


SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23S., R. 17E.
HERNANDO COUNTY, FLORIDA



PLAT BOOK 7
AND PAGE 59

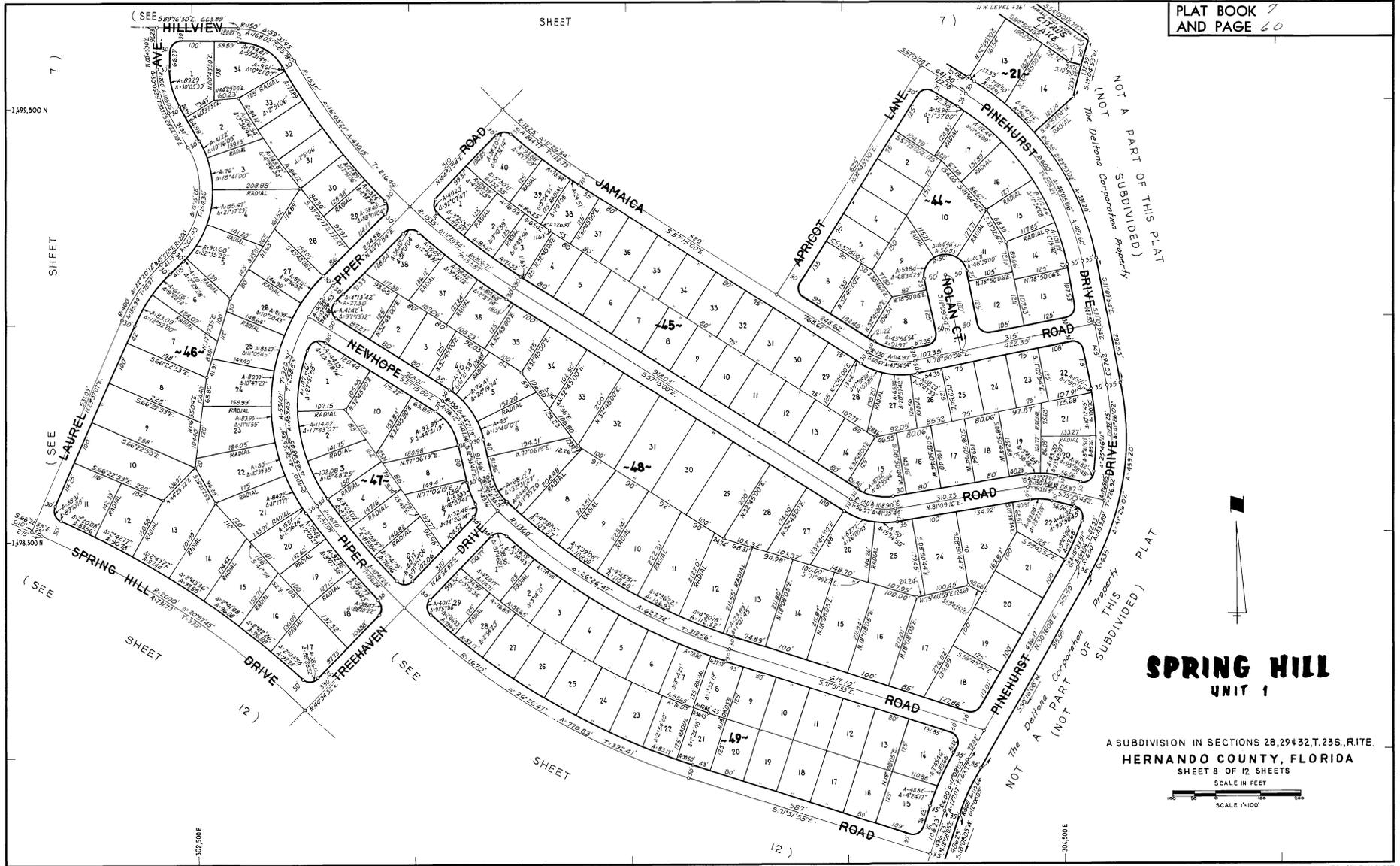


SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29, 43, 2, 23 S., R. 17 E.
HERNANDO COUNTY, FLORIDA
SHEET 7 OF 12 SHEETS

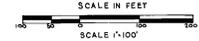


PLAT BOOK 7
AND PAGE 60



SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29, 32, T. 23S., R. 17E.
HERNANDO COUNTY, FLORIDA
SHEET 8 OF 12 SHEETS

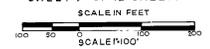


PLAT BOOK 7
AND PAGE 61



SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23 S., R. 17 E.
HERNANDO COUNTY, FLORIDA



10) (SEE SHEET)

11) (SEE SHEET)

1499,000 N

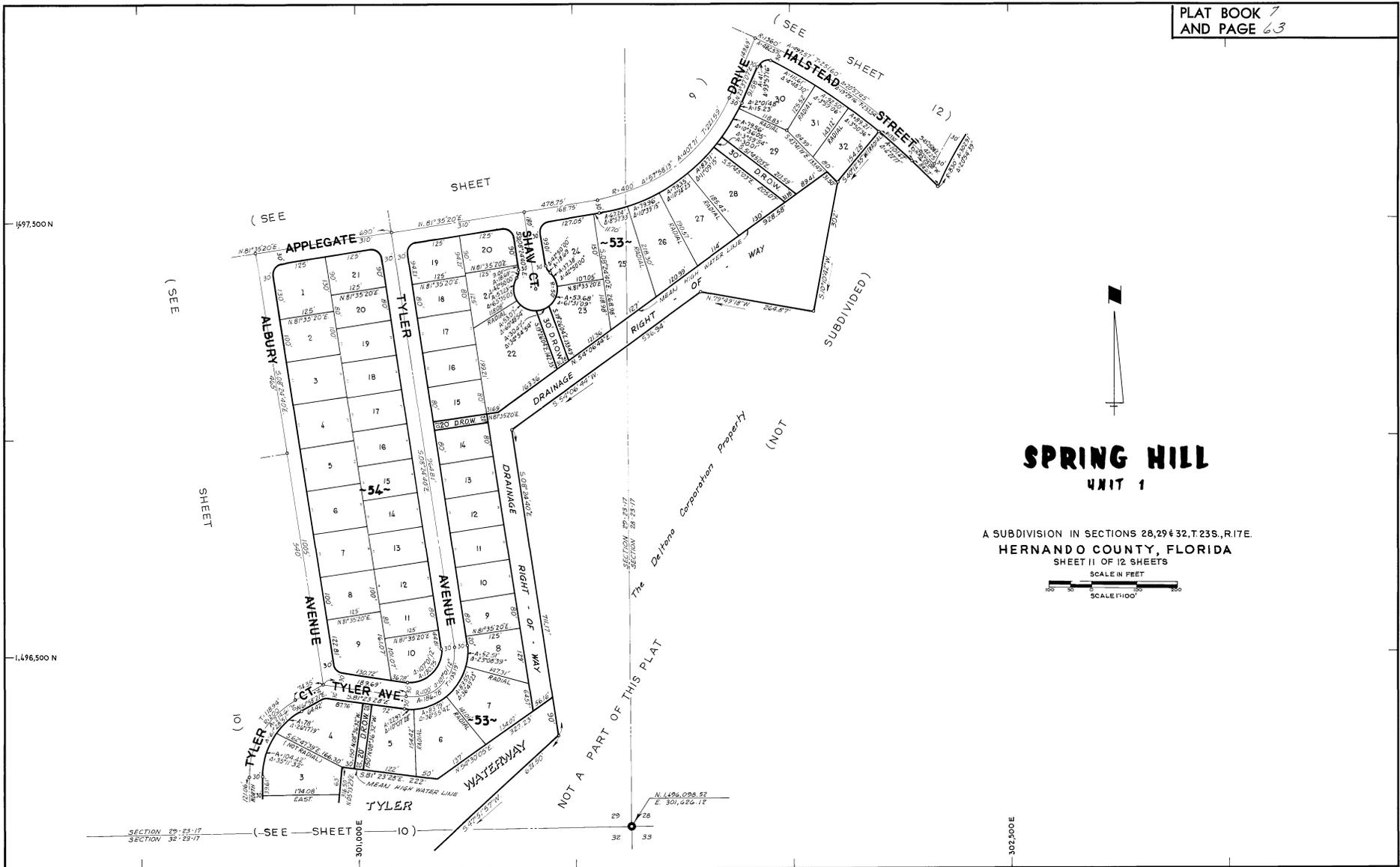
1498,000 N

300,000 E

7,000.00 E

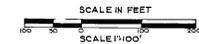
169 LOTS THIS SHEET

PLAT BOOK 7
AND PAGE 63



SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23 S., R. 17 E.
HERNANDO COUNTY, FLORIDA
SHEET 11 OF 12 SHEETS

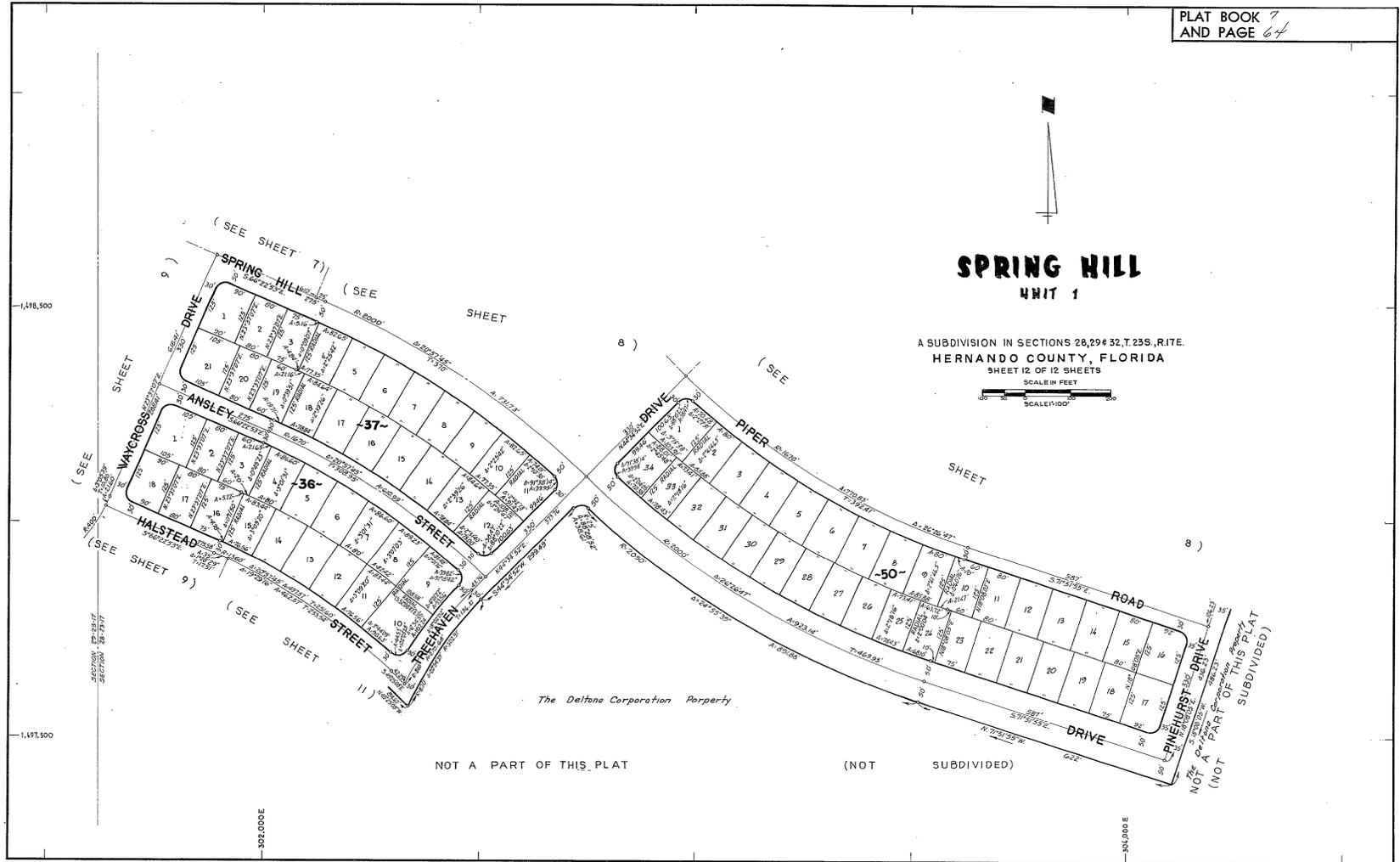


51 LOTS THIS SHEET

PLAT BOOK 7
AND PAGE 64

SPRING HILL UNIT 1

A SUBDIVISION IN SECTIONS 28, 29 & 32, T. 23S., R. 18E.
HERNANDO COUNTY, FLORIDA
SHEET 12 OF 12 SHEETS



73 LOTS THIS SHEET

1
12-12

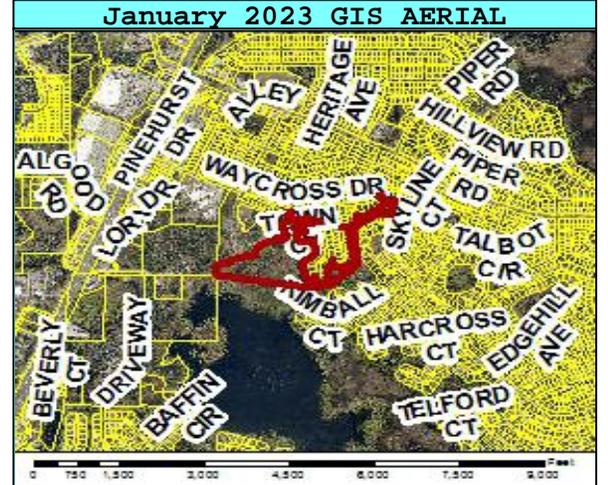


HERNANDO COUNTY, FLORIDA PROPERTY RECORD CARD

2025 PRELIMINARY TAX ROLL

KEY #	01485805	PRINTED ON	08/13/25	PAGE	1
PARCEL #	R32 323 17 5010 0053 0000	SITUS	APPLEGATE DR		
OWNER(S)	HERNANDO COUNTY, (LAKE)	PARCEL DESCRIPTION	SPRING HILL UNIT 1 BLK 53 THAT PART OF HUNTERS LAKE		
MAILING ADDRESS UPDATED	20 N MAIN ST RM 263 BROOKSVILLE FL 34601 02/06/13	UPDATED	01/01/13		

MISCELLANEOUS PROPERTY INFORMATION		
SQUARE FOOTAGE	1,425,283	
ACRES	32.70	
JURISDICTION	C	COUNTY
LEVY CODE	CWES	COUNTY WIDE EMS
NEIGHBORHOOD	5010	SPRING HILL UNITS 1 THRU 3
SUBDIVISION	5010	SPRING HILL UN 1
DOR LAND USE	96	DRA, LIFT STAT, MARSH, BORROWPIT
NON-AD VALOREM DIST1	1	SOUTHWEST HERNANDO COUNTY GARBA
NON-AD VALOREM DIST2	36	H.C. FIRE/RESCUE DISTRICT
NON-AD VALOREM DIST3	48	SPRING HILL MUNICIPAL STREET LI



2025-01-00 PROPERTY VALUES				
	COUNTY	SCHOOL	SWFWMD	MUNICIPALITY
LAND	4,908	4,908	4,908	
BUILDINGS	+			
FEATURES AND OUT BUILDINGS	+			
JUST/MARKET VALUE	= 4,908	4,908	4,908	
VALUE PRIOR TO CAP	4,908	4,908	4,908	
ASSESSED VALUE	547	4,908	547	
EXEMPT VALUE	- 547	4,908	547	
TAXABLE VALUE	=			
CLASSIFIED LAND USE VALUE				

EXEMPTIONS BY TAXING AUTHORITY								
CODE	DESCRIPTION	L.UPDT	CAP.YR	COUNTY	SCHOOL	SWFWMD	MUNICIPALITY	EXT.TAX SAVINGS
003	COUNTY PROPERTY	2025		YES	YES	YES		35.28

LAND INFORMATION												
CODE	DESCRIPTION	AG	LAST UPDT	CAP YEAR	EXC CAP	GRA DE	FRON TAGE	DEPTH	UNITS	MEASURE	ADJ RATE	VALUE
37	PONDS/LAKES/CANALS	N	2018		Y				32.72	ACRES	150.00	4,908

BUSINESSES ON PROPERTY			
KEY #	BUSINESS NAME	NAICS	BUSINESS TYPE

ADDRESSES ON PROPERTY	
SITUS	
APPLEGATE DR	

PROPERTY SALES									
SALE DATE	NEW OWNER	CODE	DESCRIPTION	VAC?	INST	OR BOOK	OR PAGE	SALEGRP	VALUE
01/01/03	HERNANDO COUNTY	S	SPLIT (REQUI	N		----	----		

PROPERTY APPRAISER INSPECTIONS				
INSP. DATE	ROLL	EMPL	CODE	REASON
01/19/24	2024	248	21	VACANT
06/01/20	2020	248	21	VACANT
04/11/12	2012	170	17	5 YEAR REVIEW
02/21/05	2005	170	21	VACANT
05/14/02	2002	197	17	5 YEAR REVIEW



HERNANDO COUNTY, FLORIDA PROPERTY RECORD CARD

2025 PRELIMINARY TAX ROLL

KEY #	01435566	PRINTED ON	08/13/25	PAGE	1
PARCEL #	R32 323 17 5010 00M0 0020	SITUS	APPLEGATE DR		
OWNER(S)	HERNANDO COUNTY (HUNTERS LAKE BOAT RAMP)	PARCEL DESCRIPTION	SPRING HILL UNIT 1 2.5 AC MOL IN TR M DES IN ORB 1435 PG 162		
MAILING ADDRESS UPDATED	20 N MAIN ST RM 263 BROOKSVILLE FL 34601 03/01/07	UPDATED	01/01/01		

MISCELLANEOUS PROPERTY INFORMATION		
SQUARE FOOTAGE	108,900	
ACRES	2.50	
JURISDICTION	C	COUNTY
LEVY CODE	CWES	COUNTY WIDE EMS
NEIGHBORHOOD	5010	SPRING HILL UNITS 1 THRU 3
SUBDIVISION	5010	SPRING HILL UN 1
DOR LAND USE	82	FOREST PARKS RECREATIONAL
NON-AD VALOREM DIST1	1	SOUTHWEST HERNANDO COUNTY GARBA
NON-AD VALOREM DIST2	36	H.C. FIRE/RESCUE DISTRICT
NON-AD VALOREM DIST3	48	SPRING HILL MUNICIPAL STREET LI



2025-01-00 PROPERTY VALUES					
	COUNTY	SCHOOL	SWFWMD	MUNICIPALITY	
LAND	30,000	30,000	30,000		
BUILDINGS	+				
FEATURES AND OUT BUILDINGS	+				
JUST/MARKET VALUE	= 30,000	30,000	30,000		
VALUE PRIOR TO CAP	30,000	30,000	30,000		
ASSESSED VALUE	30,000	30,000	30,000		
EXEMPT VALUE	- 30,000	30,000	30,000		
TAXABLE VALUE	=				
CLASSIFIED LAND USE VALUE					

EXEMPTIONS BY TAXING AUTHORITY								
CODE	DESCRIPTION	L. UPDT	CAP. YR	COUNTY	SCHOOL	SWFWMD	MUNICIPALITY	EXT. TAX SAVINGS
003	COUNTY PROPERTY	2025		YES	YES	YES		436.69

LAND INFORMATION												
CODE	DESCRIPTION	AG	LAST UPDT	CAP YEAR	EXC CAP	GRA DE	FRON TAGE	DEPTH	UNITS	MEASURE	ADJ RATE	VALUE
98	PARKS/REC AREAS	N	2012		Y				2.50	ACRES	12,000.00	30,000

BUSINESSES ON PROPERTY			
KEY #	BUSINESS NAME	NAICS	BUSINESS TYPE

ADDRESSES ON PROPERTY	
SITUS	
APPLEGATE DR	

PROPERTY SALES										
SALE DATE	NEW OWNER	CODE	DESCRIPTION	VAC?	INST	OR BOOK	OR PAGE	SALEGRP	VALUE	
07/06/01	HERNANDO COUNTY	D	DISQUALIFIED	N	WD	1435	0162		100	
01/01/01	SPRING HILL CIVIC ASSOC INC	S	SPLIT (REQUI	N	SW	0528	0849		100	

PROPERTY APPRAISER INSPECTIONS				
INSP. DATE	ROLL	EMPL	CODE	REASON
01/16/24	2024	248	21	VACANT
04/15/20	2020	248	21	VACANT
02/03/15	2015	170	21	VACANT
07/18/07	2008	197	17	5 YEAR REVIEW
11/10/04	2005	197	17	5 YEAR REVIEW
05/07/02	2002	197	17	5 YEAR REVIEW

PROPERTY APPRAISER NOTES	
January 01 2012	
RAMP REMOVED. NOT SURE WHEN. ALL PAVEMENT IS GONE AS WELL.	



REVISIONS			
NO.	DATE	BY:	DESCRIPTION:

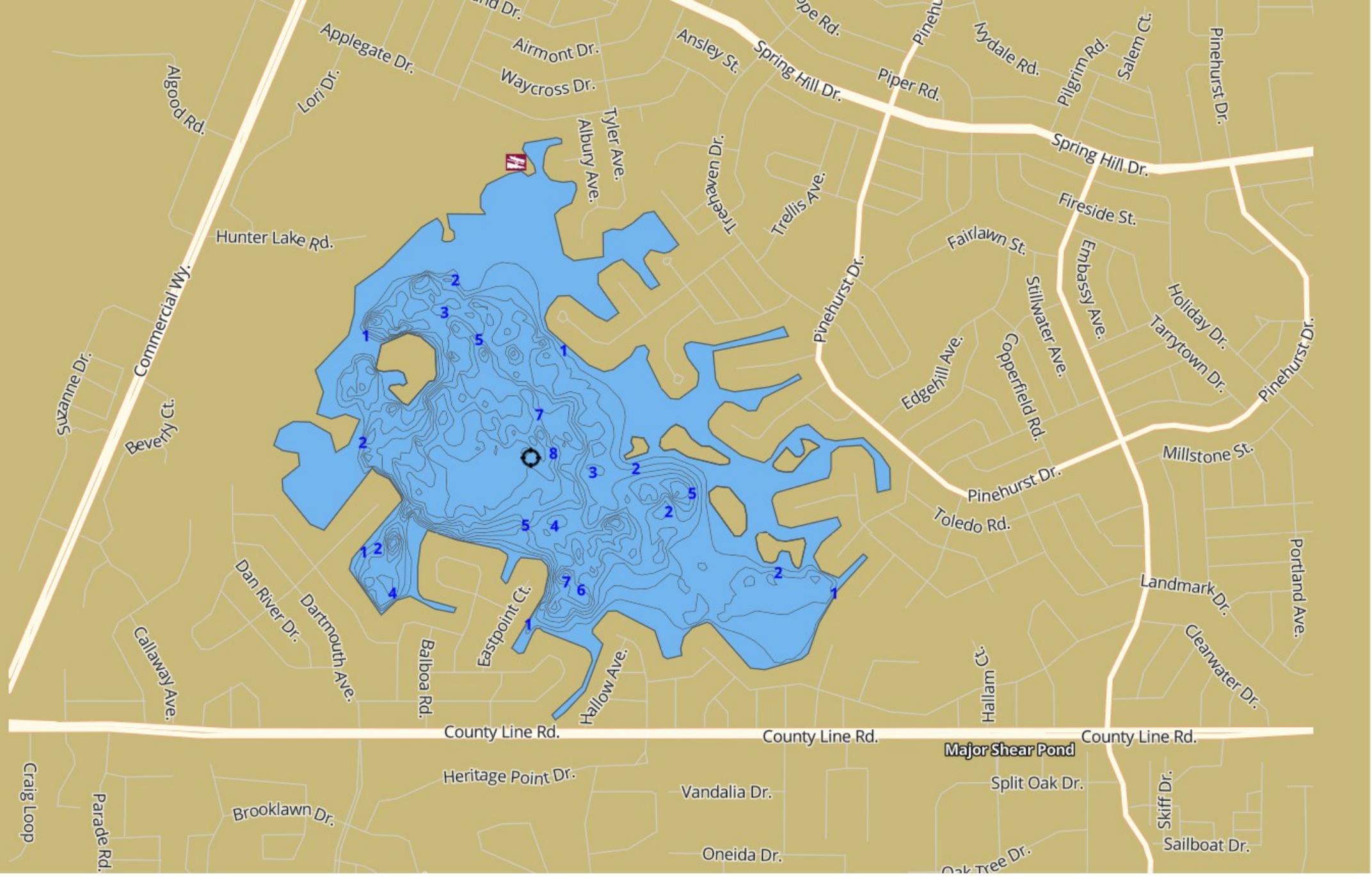


HERNANDO COUNTY
Transportation Services
 ENGINEERING DEPARTMENT
 1525 East Jefferson Street
 Brooksville, FL 34601-2807
 Ph. (352) 754-4062 Fax. (352) 754-4423

INVALID UNLESS SIGNED,
 DATED, & SEALED
 BRIAN M. MALMBERG, P.E.
 FL. REG. P.E. NO. 59405

HUNTERS LAKE
MAINTENANCE DREDGE PROJECT

CEO No. 13-	Drawing Name: CEO#/NAME	Drawn By: CEO Staff	Scale: 1:200	Sheet No. 1 of
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Major Shear Pond

Hunters Lake Boat Launch





Hunters Lake Boat Launch 2

Hunters Lake Boat Launch 3





Hunters Lake Boat Launch 4

Hunters Lake Channel



Hunters Lake Channel 2



Hunters Lake Channel 3



Hunters Lake Channel 4



Florida Fish and Wildlife Conservation Commission
620 S. Meridian St.
Tallahassee, FL

RE: Application Number 26-038

Cover Letter

On behalf of the Hernando County Waterways Advisory Committee, we are pleased to provide this letter of strong support for the Hunters Lake Channel Restoration Project – Phase 1 located in Hernando County.

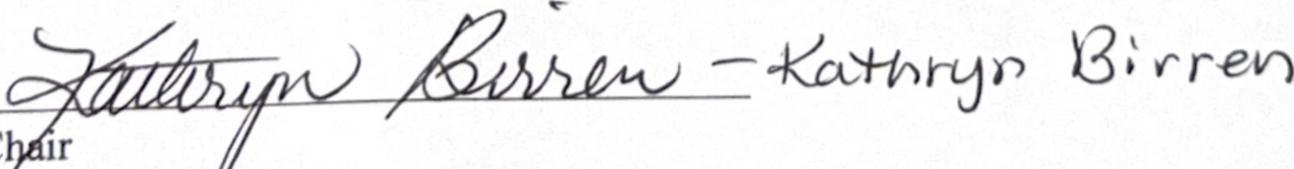
The Waterways Advisory Committee serves in an advisory capacity to the Hernando County Board of County Commissioners on matters related to boating access, waterway safety, and the maintenance of navigable waterways throughout the county. Based on our review of the current conditions at Hunters Lake, the Committee recognizes that significant sediment accumulation has occurred within the lake's access channel, resulting in severe shoaling that restricts navigation and reduces safe access for motorized vessels.

Hunters Lake is an important recreational resource for residents of the surrounding community in Spring Hill and contributes to the broader network of local waterways used for boating and fishing. The current channel conditions present navigational challenges and safety concerns for boaters attempting to enter or exit the lake. Addressing these conditions is essential to maintaining safe and reliable boating access.

The proposed Phase 1 project will complete the engineering analysis, hydrographic surveying, sediment evaluation, and regulatory permitting necessary to properly design a future dredging and channel restoration effort. These planning activities are a critical first step toward restoring navigability and ensuring that any future construction activities are completed in an efficient, environmentally responsible, and cost-effective manner.

The Hernando County Waterways Advisory Committee strongly supports efforts that improve boating access, enhance navigation safety, and preserve the usability of the county's waterways. The Hunters Lake Channel Restoration Project directly aligns with these priorities and represents an important investment in the long-term accessibility and recreational value of this waterbody.

Sincerely,


Chair
Hernando County Waterways Advisory Committee



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

October 18, 2022

Hernando County BOCC
% Timea Lewis
1525 East Jefferson Street
Brooksville, FL 34601
tlewis@co.hernando.fl.us

File No.: 0359463-001-SFG, Hernando County

Dear Ms. Lewis:

On June 21, 2022, we received your notice of intent to use a General Permit (GP), pursuant to Rule 62-331.210, Florida Administrative Code (F.A.C.) to permanently dredge approximately 1.91 acres of a river floodplain lake associated with a maintenance dredge to remove approximately 3,081 cubic yards of accumulated sediments from an existing boat channel within Hunters Lake, a Class III Florida Waterbody. The project starts at the beginning of the Hunters Lake Boat Ramp and goes approximately 1,632 feet south and is located on waterward of 6018 Applegate Drive, Spring Hill, FL 34606, Section 32, Township 23 South, Range 17 East, in Hernando County.

Impacts that will occur from dredging approximately 1.91 acres of a river floodplain lake (FLUCCS 522), including associated temporary and secondary impacts authorized by this permit, are considered to have minimal or insignificant individual or cumulative adverse impacts on the water resources of the basin, therefore have been determined to be de minimis in nature. No mitigation is required.

Your intent to use a general permit has been reviewed by Department staff for State 404 Program authorization. The authority for review and the outcomes of the reviews are listed below. Please read each section carefully.

Your project qualifies for authorization. However, this letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity.

State 404 Program Review – Approved

Based on the forms, drawings, and documents submitted with your notice, it appears that the project meets the requirements for the General Permit under Rule 62-331.210, F.A.C. Any activities performed under a general permit are subject to general conditions required in Rule 62-331.201, F.A.C. (attached), the conditions of Rule 62-331.405, F.A.C., (attached), and any specific conditions, below. Any deviations from these conditions may subject the permittee to enforcement action and possible penalties.

Please be advised that the construction phase of the General Permit must be completed by December 22, 2025. State 404 Program permits cannot be extended or renewed.

SPECIFIC CONDITIONS

1. Submittals required herein (e.g., progress reports, as-built drawings, etc.) shall include the permittee's name and permit number 0359463-004-SFG and shall be directed by e-mail to SW_ERP_CAP@floridadep.gov with a subject line of "Compliance: permit number 0359463-004-SFG" or by mail to:

Department of Environmental Protection
Southwest District
ATTN: ERP Compliance Assurance
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

2. The structure/work authorized by this permit shall not be placed/conducted on any property, other than that owned by the permittee, without the prior written approval of that property owner.
3. In the event the permittee files for bankruptcy prior to completion of work permitted and required by this permit, the permittee must notify the Department within 30 days of filing. The notification shall identify the bankruptcy court and case number and shall include a copy of the bankruptcy petition.
4. This permit does not authorize the permittee to cause any adverse impact to or "take" of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of "take" and a list of fish and wildlife species. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a "take" permit cannot be issued. Requests for further information or review can be sent to FWCConservationPlanningServices@MyFWC.com.
5. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The applicant shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section at (850)-245-6333. Project activities shall not resume without verbal and/or written authorization. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, *Florida Statutes*.

SPECIFIC CONDITIONS – PRIOR TO ANY CONSTRUCTION

6. Best management practices for erosion control shall be implemented prior to construction commencement and shall be maintained at all times during construction to prevent siltation and turbid discharges in excess of State water quality standards (>29 NTU's above background, pursuant to Rule 62-302, F.A.C. Methods may include but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, staged construction and the installation of turbidity screens around the immediate project site.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

7. Wetland areas or waterbodies that are outside the specific limits of construction authorized by this permit, must be protected from erosion, sedimentation, siltation, scouring, excess turbidity, and/or dewatering. There shall be no discharge in violation of the water quality standards in Chapter 62-302, F.A.C. Turbidity/erosion controls shall be installed prior to clearing, excavation or placement of fill material, shall be maintained until construction is completed, disturbed areas are stabilized, and turbidity levels have fallen to less than 29 NTU's above background. The turbidity and erosion control devices shall be removed within 14 days once these conditions are met.
8. A floating turbidity apron/curtain shall be installed around the waterward boundary of the construction area prior to construction and shall remain in place until construction is complete and turbidity levels within the work area have returned to background levels.
9. Dredging shall be limited to day light; no dredging or dewatering activities are authorized to be conducted at night.
10. The dredged material shall be placed in a self-contained, upland disposal site, which will prevent the escape of dredged material and associated effluent into wetlands and surface waters as shown on Sheet 3 of the attached permit drawings.
11. Areas to be dredged shall be in accordance with the attached permit drawings and shall not exceed the areas and depths indicated on those drawings. The dredged material shall be placed in a self-contained, upland disposal site as depicted on Sheet 3 of the attached permit drawings. The dewatering/disposal area shall be constructed in a manner which shall prevent the escape of dredged material and associated effluent into wetlands and surface waters. Discharge of water or dredged material to waters of the State shall not be allowed during transport.
12. The structure/work authorized by this permit shall not be placed/conducted on any property, other than that owned by the permittee, without the prior written approval of that property owner.
13. Areas of exposed soils shall be isolated from wetlands or other surface waters to prevent erosion and deposition of these soils into wetlands or other surface waters during construction and operation of permitted activities.
14. Staked filter cloth shall be positioned at the edge of the permitted fill slopes adjacent to wetlands to prevent turbid run-off and erosion.
15. This permit does not authorize the installation of water, sewer, cable or utility lines within wetlands or waterbodies.
16. The permittee shall be responsible for ensuring erosion control devices/procedures are inspected and maintained daily during all phases of construction authorized by this permit until areas disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.
17. Storage or stockpiling of tools and materials (i.e., lumber, pilings, debris) within wetlands or other surface waters is prohibited.
18. The limits of approved wetland impacts shall be clearly flagged or otherwise delineated on site prior to initial clearing or grading activities. The delineation shall endure throughout the construction period and be readily discernible to construction and Department personnel.
19. Grass seed, or sod shall be installed and maintained on exposed slopes and disturbed soil areas within 48 hours of completing final grade, and at other times as necessary, to prevent erosion, sedimentation

or turbid discharges into waters of the state and/or adjacent wetlands. A vegetative cover that stabilizes and prevents erosion of the fill material shall be established within 60 days of sodding or seeding. Turbidity barriers/erosion control devices shall be removed upon establishment of a substantial vegetative cover.

20. Unauthorized impacts to wetlands as a result of the authorized construction shall be reported to the Department within 24 hours.

Authority for review – Part IV of Chapter 373, Florida Statutes (F.S.), and Title 62, F.A.C.

SPECIFIC CONDITIONS – CONSTRUCTION COMPLETION

21. The permittee shall submit one set of signed, dated and sealed as-built drawings to the Department via email at SW_ERP_CAP@floridadep.gov for review and approval within 30 days of completion of construction. (Please contact the Department for files that are too large to email for alternative means of submitting electronically.) The as-built drawings shall be based on the Department permitted construction drawings and any pertinent specific conditions, which should be revised to reflect changes made during construction. Both the original design and constructed elevations must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. Surveyed dimensions and elevations required shall be verified and signed, dated and sealed by a Florida registered professional. As-builts shall be submitted to the Department regardless of whether or not deviations are present. In addition, the permittee shall submit the “As-Built Certification and Request for Conversion to Operation Phase” form (Ch. 62-330.310(1), F.A.C.).

The information shall be verified on the as-built drawings from the engineering drawings signed and sealed by Conley C. Black P.E. #40879, on November 28, 2017:

Plan View/ Cross Section Name	Sheet Number
Site Plan and SWPPP	3
Channel Cross-Section	4-6

Authority for review – Part IV of Chapter 373, Florida Statutes (F.S.), and Title 62, F.A.C.

Additional Information

Please retain this general permit. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department’s action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- a) The name and address of each agency affected and each agency's file or identification number, if known;
- b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- c) A statement of when and how the petitioner received notice of the agency decision;
- d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399- 3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62- 110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Sincerely,



Shannon Herbon
Permitting Program Administrator
Permitting & Waste Cleanup Programs
Southwest District

Enclosures:

Section 62-331.210, F.A.C.

General Conditions for All General Permits, Ch. 62-331.201, F.A.C.

General Conditions for All General Permits, Ch. 62-330.405, F.A.C.

Attachments:

1. Project Drawings and Design Specs., 8 pages
2. Certification of Compliance with State 404 Program General Permit, form 62-331.200(1), 1 page
3. 62-340, F.A.C. Data Forms & Site Inspections, 12 pages

cc:

Heather McClurg, DEP, Heather.McClurg@floridadep.gov

Shannon Herbon, DEP, Shannon.Herbon@floridadep.gov

Southwest District, DEP, SW_ERP@floridadep.gov

Todd Crosby, Hernando County, tcrosby@co.hernando.fl.us

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this determination, including all copies, was mailed before the close of business on October 18, 2022, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to 120.52(7),
Florida Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged.



Clerk

October 18, 2022

Date

62-331.210 General Permit for Maintenance or Removal.

(1) This general permit authorizes the following activities:

(a) The repair, rehabilitation, or replacement of any previously authorized, currently serviceable structure or fill, or of any currently serviceable structure or fill authorized by 33 CFR §330.3 as of July 1, 2019, incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12074>), provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modification. Minor deviations in the structure's configuration or filled area, including those due to changes in materials, construction techniques, requirements of other regulatory agencies, or current construction codes or safety standards that are necessary to make the repair, rehabilitation, or replacement are authorized.

(b) The removal of previously authorized structures or fills. Any stream channel modification is limited to the minimum necessary for the repair, rehabilitation, or replacement of the structure or fill; such modifications, including the removal of material from the stream channel, must be immediately adjacent to the project.

(c) The removal of accumulated sediment and debris within, and in the immediate vicinity of, the structure or fill.

(d) The repair, rehabilitation, or replacement of those structures or fills destroyed or damaged by storms, floods, fire or other discrete events, provided the repair, rehabilitation, or replacement is commenced, or is under contract to commence, within two years of the date of their destruction or damage. In cases of catastrophic events, such as hurricanes or tornadoes, this two-year limit may be waived by the Agency, provided the permittee can demonstrate funding, contract, or other similar delays.

(e) The removal of accumulated sediments and debris outside the immediate vicinity of existing structures (e.g., bridges, culverted road crossings, water intake structures, etc.). The removal of sediment is limited to the minimum necessary to restore the waterway in the vicinity of the structure to the approximate dimensions that existed when the structure was built but cannot extend farther than 200 feet in any direction from the structure. This 200-foot limit does not apply to maintenance dredging to remove accumulated sediments blocking or restricting outfall and intake structures. All dredged or excavated materials must be deposited and retained in an area that has no state-assumed waters unless otherwise specifically approved by the Agency under separate authorization.

(f) Temporary structures, fills, and work, including the use of temporary mats, necessary to conduct the maintenance activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and fill, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. After conducting the maintenance activity, temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated.

(2) This general permit does not authorize:

(a) Beach restoration.

(b) New stream channelization or stream relocation projects.

(c) Maintenance or removal of projects that capture and store water, such as Dispersed Water Management Projects (DWMPs).

(3) Notice of intent to use this general permit is required for activities authorized by paragraph (1)(e). The notice must include information regarding the original design capacities and configurations of the outfalls, intakes, and small impoundments.

Editor notes: The effective date of the rule will be the effective date of assumption, which is the date identified by EPA as published in the Federal Register §373.4146, F.S.

Rulemaking Authority 373.026(7), 373.043, 373.118(1), 373.4131, 373.414(9), 373. 373.4145, 373.4146(2), 403.805(1) FS. Law Implemented 373.118, 373.129, 373.136, 373.413, 373.4131, 373.414, 373.4145, 373.4146, 373.416, 373.422, 373.423, 373.429 FS. History—New 12-22-20.

62-331.201 General Conditions for All General Permits

(1) General permits shall be subject to the conditions in subsections (2) and (3), below, and the general conditions for all general permits in Rule 62-330.405, F.A.C., except subsections 62-330.405(7) and (10), F.A.C. The Agency may revise the general conditions in Rule 62-330.405, F.A.C. to include references to applicable rules under this Chapter, as necessary.

(2) When a project requires submittal of a notice of intent to use a general permit, the Agency shall impose specific conditions as necessary to assure that the activities will be conducted in compliance with this Chapter, and in a manner which minimizes adverse impacts upon the physical, chemical, and biological integrity of wetlands or other surface waters, such as mitigation, monitoring, reporting, or recordkeeping requirements and protection measures for listed species or historical resources.

(3) In addition, general permits under this Chapter are subject to the following conditions:

(a) Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be used, then the crossing shall be designed and constructed to minimize adverse effects to aquatic life movements.

(b) Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

(c) Migratory Bird Breeding Areas. Activities in state-assumed waters that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

(d) Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by general permits in Rule 62-331.211 or 62-331.244, F.A.C., or is a shellfish seeding or habitat restoration activity authorized by the general permit in Rule 62-331.225, F.A.C.

(e) Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or fill must be free from toxic pollutants in toxic amounts as listed in section 307 of the CWA, which is incorporated by reference in subparagraph 62-331.053(3)(a)3., F.A.C., or state law.

(f) Water Supply Intakes. No activity may occur within 1000 feet of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

(g) Fills Within 100-year Floodplains. The activity shall comply with applicable FEMA-approved state or local floodplain management requirements.

(h) Single and Complete Project. The activity must be a single and complete project. The same general permit cannot be used more than once for the same single and complete project unless otherwise stated within the general permit. (See 404 Handbook, section 3.2.1).

(i) Wild and Scenic Rivers. No general permit activity may occur in a component of the National Wild and Scenic Rivers System, or in a river officially designated by Congress as a study river for possible inclusion in the System while the river is in an official study status, unless the appropriate federal agency with direct management responsibility for such river has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(j) Tribal Rights. No general permit activity may cause more than minimal adverse effects on tribal rights (including treaty rights, settlement rights, or rights reserved under state or federal law), protected tribal resources (including cultural or burial resources off reservation), tribal waters, or to tribal lands.

(k) Listed species. No activity is authorized under any general permit which is likely to directly or indirectly jeopardize the continued existence of an endangered or threatened species or a species proposed for such designation, or which will directly or indirectly destroy or adversely modify the critical habitat of such species. No activity is authorized under any general permit which may affect a listed species or

critical habitat, unless the Agency has consulted with, or been provided technical assistance by the Florida Fish & Wildlife Conservation Commission, the U.S. Fish & Wildlife Service, and the National Marine Fisheries Service under their respective authorities and appropriate measures to address the effects of the proposed activity have been implemented or are required as a specific condition to the general permit.

(l) Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring their action complies with the Migratory Bird Treaty Act, 16 U.S.C. §§ 703 – 712 (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12068>), and the Bald and Golden Eagle Protection Act, 16 U.S.C. §§ 668 – 668(d) (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12069>). The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine applicable measures to reduce impacts to migratory birds or eagles, including whether incidental take permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

(m) Historic Properties. In cases where the Agency determines, based on information from SHPO, that the activity may have the potential to cause effects to properties listed, or eligible for listing, in the National Register of Historic Places, the activity is not authorized until a determination of “no effect” or “no adverse effect” is provided by SHPO.

(n) Manatees. In waters that are accessible to manatees, the permittee shall follow the “Standard Manatee Conditions for In-Water Work (2011)”, incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12070>).

(o) Sea turtles, smalltooth sawfish, Gulf sturgeon, or shortnose sturgeon. In waters that are accessible to these species, the permittee shall follow the “Sea Turtle and Smalltooth Sawfish Construction Conditions” (March 23, 2006), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12071>).

(p) Use of Multiple General Permits. The use of more than one general permit under this Chapter for a single and complete project is prohibited, except when specified within a specific general permit, or when the acreage loss of state-assumed waters authorized by the general permits does not exceed the acreage limit of the general permit with the highest specified acreage limit.

(q) Transfer of General Permit Verifications. If the permittee sells the property associated with the general permit verification, the permittee shall transfer the general permit verification to the new owner by submitting a completed Form 62-331.100(1) – “Transfer of State 404 Program General Permit Verification” (effective date), incorporated by reference in subsection 62-331.100(2), F.A.C., within 30 days of the sale, to the Agency that processed the original notice.

(r) Compliance Certification. Each permittee who receives a general permit verification letter under this Chapter must submit a completed Form 62-331.200(1) – “Certification of Compliance with a State 404 Program General Permit” (effective date), incorporated by reference in subsection 62-331.200(4), F.A.C., within 30 days of completion of the authorized activity, or the implementation of any required compensatory mitigation, whichever is later.

(s) Activities Affecting Structures or Work Built by the United States. If an activity also requires permission from the Corps pursuant to 33 U.S.C. § 408 because it will alter or temporarily or permanently occupy or use a Corps federally authorized Civil Works project, the prospective permittee is responsible for obtaining such permission separately from the Corps prior to commencing activities authorized by the general permit.

(t) If during the ground disturbing activities and construction work within the permit area, there are archaeological or cultural materials encountered which were not the subject of a previous cultural resources assessment survey or to which such impacts were not anticipated, including but not limited to pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement; the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Agency within the same business day. The Agency shall then notify the State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) or tribe when the

interested tribe does not have a THPO, to assess the significance of the discovery and devise appropriate actions.

(u) Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries or effects to historic properties as referenced in accordance with condition (t), above, and if deemed necessary by the SHPO, or THPO(s), Tribes, or Agency. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Agency may modify, suspend, or revoke the permit in accordance with Rule 62-331.080, F.A.C. Such activity shall not resume without written authorization from the SHPO and THPO(s), or tribe when the interested tribe does not have a THPO, concerning potential effects to cultural resources or historic properties for finds under their jurisdiction, and from the Agency.

(v) In the event that unmarked human remains are identified, they shall be treated in accordance with Section 872.05, F.S. All work and ground-disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Agency, and State Archaeologist within the same business day. The Agency shall then notify the appropriate SHPO and THPO(s) and appropriate tribes and other appropriate consulting parties. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Agency may modify, suspend, or revoke the permit in accordance with Rule 62-331.080, F.A.C. Such activity shall not resume without written authorization from the medical examiner, State Archaeologist, and from the Agency. Additionally, if the unmarked remains were identified on federal lands, or lands where the Archaeological Resources Protection Act, 16 U.S.C. §§ 470aa – 470mm (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12072>), or the Native American Graves Protection Repatriation 25 U.S.C. §§ 3001-3013 (2018), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-12073>), applies, such activity shall not resume without written authorization from the SHPO, the appropriate THPO(s), and the federal land manager.

(w) Noncompliance. The permittee shall timely notify the Agency of any expected or known actual noncompliance.

(x) Inspection and entry. The permittee shall allow the Agency, upon presentation of proper identification, at reasonable times to:

1. Enter upon the permittee's premises where a regulated activity is located or where records must be kept under the conditions of the permit,
2. Have access to and copy any records that must be kept under the conditions of the permit,
3. Inspect operations regulated or required under the permit, and
4. Sample or monitor, for the purposes of assuring permit compliance or as otherwise authorized by the Act, any substances or parameters at any location.

(y) The permittee shall comply with all conditions of the permit, even if that requires halting or reducing the permitted activity to maintain compliance. Any permit violation constitutes a violation of Part IV of Chapter 373, F.S., and this Chapter, as well as a violation of the CWA.

(z) The permittee shall take all reasonable steps to prevent any unauthorized dredging or filling in violation of this permit.

(aa) Upon Agency request, the permittee shall provide information necessary to determine compliance status, or whether cause exists for permit modification, revocation, or termination. *Rulemaking Authority 373.026(7), 373.043, 373.118(1), 373.4131, 373.414(9), 373.4145, 373.4146(2), 403.805(1) FS. Law Implemented 373.118, 373.129, 373.136, 373.413, 373.4131, 373.414, 373.4145, 373.4146, 373.416, 373.422, 373.423, 373.429 FS. History – New 12-22-20.*

62-330.405 General Conditions for All General Permits.

The following general permit conditions are binding upon the permittee and are enforceable under chapter 373, F.S. These conditions do not apply to the general permit for stormwater management systems under section 403.814(12), F.S.

(1) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit

and may subject the permittee to enforcement action and revocation of the permit under chapter 373, F.S.

(2) The general permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit; and it does not authorize any violation of any other applicable federal, state, local, or special district laws (including, but not limited to, those governing the “take” of listed species).

(3) The general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit.

(4) The general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to: human health or welfare; animal, plant or aquatic life; or property. It does not allow the permittee to cause pollution that violates state water quality standards.

(5) Section 253.77, F.S., provides that a person may not commence any excavation, construction, or other activity involving the use of state-owned or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required consent, lease, easement, or other form of authorization authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on state-owned lands.

(6) The authorization to conduct activities under a general permit may be modified, suspended or revoked in accordance with chapter 120, F.S., and section 373.429, F.S.

(7) The general permit is not transferable to a new third party. To be used by a different permittee, a new notice to use a general permit must be submitted in accordance with rule 62-330.402, F.A.C. Activities constructed in accordance with the terms and conditions of a general permit are automatically authorized to be operated and maintained by the permittee and subsequent owners in accordance with subsection 62-330.340(1), F.A.C. Any person holding the general permit, persons working under the general permit, and owners of land while work is conducted under the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted project, activity, or the real property at which the permitted project or activity is located.

(8) Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to ensure conformity with the plans and specifications approved by the general permit.

(9) The permittee shall maintain any permitted project or activity in accordance with the plans submitted to the Agency and authorized in the general permit.

(10) A permittee’s right to conduct a specific activity under the general permit is authorized for a duration of five years.

(11) Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be implemented and maintained immediately prior to, during, and after construction as needed to stabilize all disturbed areas, including other measures specified in the permit to prevent adverse impacts to the water resources and adjacent lands. Erosion and sediment control measures shall be installed and maintained in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation, June 2007)*, available at <https://www.flrules.org/Gateway/reference.asp?No=Ref-04227>, and the *Florida Stormwater Erosion and Sedimentation Control Inspector’s Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008)*, available at http://publicfiles.dep.state.fl.us/DEAR/Stormwater_Training_Docs/erosion-inspectors-manual.pdf.

(12) Unless otherwise specified in the general permit, temporary vehicular access within wetlands during construction shall be performed using vehicles generating minimum ground pressure to minimize

rutting and other environmental impacts. Within forested wetlands, the permittee shall choose alignments that minimize the destruction of mature wetland trees to the greatest extent practicable. When needed to prevent rutting or soil compaction, access vehicles shall be operated on wooden, composite, metal, or other non-earthen construction mats. In all cases, access in wetlands shall comply with the following:

(a) Access within forested wetlands shall not include the cutting or clearing of any native wetland tree having a diameter four inches or greater at breast height;

(b) The maximum width of the construction access area shall be limited to 15 feet;

(c) All mats shall be removed as soon as practicable after equipment has completed passage through, or work has been completed, at any location along the alignment of the project, but in no case longer than seven days after equipment has completed work or passage through that location; and

(d) Areas disturbed for access shall be restored to natural grades immediately after the maintenance or repair is completed.

(13) Barges or other work vessels used to conduct in-water activities shall be operated in a manner that prevents unauthorized dredging, water quality violations, and damage to submerged aquatic communities.

(14) The construction, alteration, or use of the authorized project shall not adversely impede navigation or create a navigational hazard in the water body.

(15) Except where specifically authorized in the general permit, activities must not:

(a) Impound or obstruct existing water flow, cause adverse impacts to existing surface water storage and conveyance capabilities, or otherwise cause adverse water quantity or flooding impacts to receiving water and adjacent lands; or

(b) Cause an adverse impact to the maintenance of surface or ground water levels or surface water flows established pursuant to section 373.042, F.S., or a Works of the District established pursuant to section 373.086, F.S.

(16) If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, stone tools, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section (DHR), at (850)245-6333, as well as the appropriate permitting agency office. Project activities shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and the proper authorities notified in accordance with section 872.05, F.S.

(17) The activity must be capable, based on generally accepted engineering and scientific principles, of being performed and of functioning as proposed, and must comply with any applicable District special basin and geographic area criteria.

(18) The permittee shall comply with the following when performing work within waters accessible to federally- or state-listed aquatic species, such as manatees, marine turtles, smalltooth sawfish, and Gulf sturgeon:

(a) All vessels associated with the project shall operate at "Idle Speed/No Wake" at all times while in the work area and where the draft of the vessels provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.

(b) All deployed siltation or turbidity barriers shall be properly secured, monitored, and maintained to prevent entanglement or entrapment of listed species.

(c) All in-water activities, including vessel operation, must be shut down if a listed species comes within 50 feet of the work area. Activities shall not resume until the animal(s) has moved beyond a 50-foot radius of the in-water work, or until 30 minutes elapses since the last sighting within 50 feet. Animals must not be herded away or harassed into leaving. All onsite project personnel are responsible for observing water-related activities for the presence of listed species.

(d) Any listed species that is killed or injured by work associated with activities performed shall be

reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1(888)404-3922 and ImperiledSpecies@myFWC.com.

(e) Whenever there is a spill or frac-out of drilling fluid into waters accessible to the above species during a directional drilling operation, the FWC shall be notified at ImperiledSpecies@myfwc.com with details of the event within 24 hours following detection of the spill or frac-out.

(19) The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any activity authorized by the general permit.

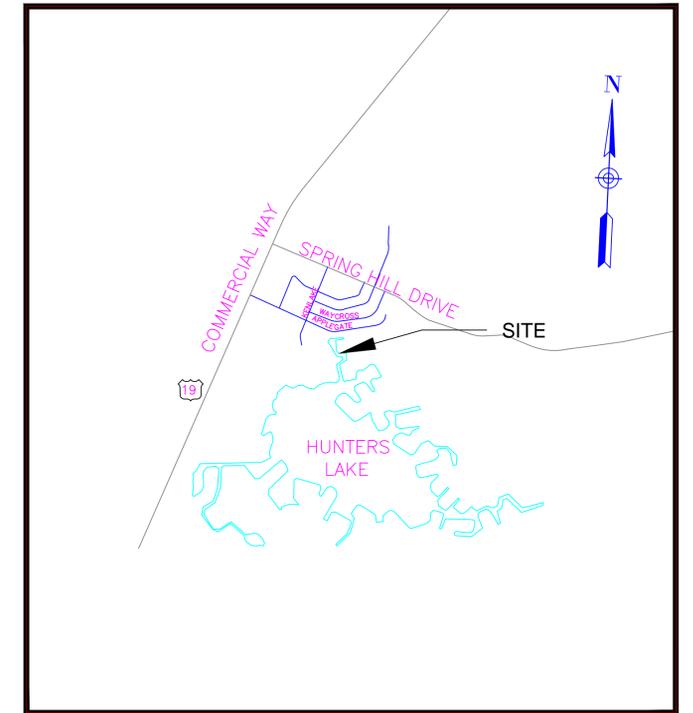
(20) The permittee shall immediately notify the Agency in writing of any submitted information that is discovered to be inaccurate.

Rulemaking Authority 373.026(7), 373.043, 373.118(1), 373.406(5), 373.4131, 373.414(9), 373.4145, 373.418, 403.805(1) FS. Law Implemented 373.044, 373.118(1), 373.129, 373.136, 373.406(5), 373.413, 373.4131, 373.414(9), 373.4145, 373.416, 373.422, 373.423, 373.429, 403.814(1) FS. History—New 10-3-95, Amended 10-1-07, Formerly 62-341.215, Amended 10-1-13, 6-1-18.



HERNANDO COUNTY
BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

HUNTERS LAKE
BOAT CHANNEL MAINTENANCE PROJECT



PROJECT LOCATION MAP

(NOT TO SCALE)

SECTION: 29 , TOWNSHIP: 23 SOUTH, RANGE: 17 EAST
HERNANDO COUNTY, FLORIDA

COUNTY COMMISSIONERS

- DISTRICT 1 - NICK NICHOLSON
- DISTRICT 2 - WAYNE DUKES
- DISTRICT 3 - JOHN ALLOCCO
- DISTRICT 4 - JEFF HOLCOMB
- DISTRICT 5 - STEVE CHAMPION

COUNTY ADMINISTRATOR - LEONARD B. SOSSAMON
DIRECTOR OF PUBLIC WORKS - SCOTT HERRING, P.E.

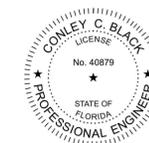
DRAWING INDEX

SHEET NUMBER	DRAWING DESCRIPTION
1.	COVER SHEET
2.	BATHYMETRIC SURVEY
3.	SITE PLAN AND SWPPP
4-6.	CHANNEL CROSS-SECTIONS
7.	SEDIMENT DISPOSAL DEWATERING SITE
8	SEDIMENT CONTROL DETAILS

PLAN REVISIONS			
NO.	DATE	REVISION	BY

PERMITS & EXEMPTIONS	
SWFWMD	N/A
USACE	N/A
DEP	PENDING
FEMA	N/A

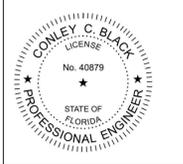
DRAWN BY	AL T	7/27/2017
REVIEWED BY	C. BLACK	11/28/2017





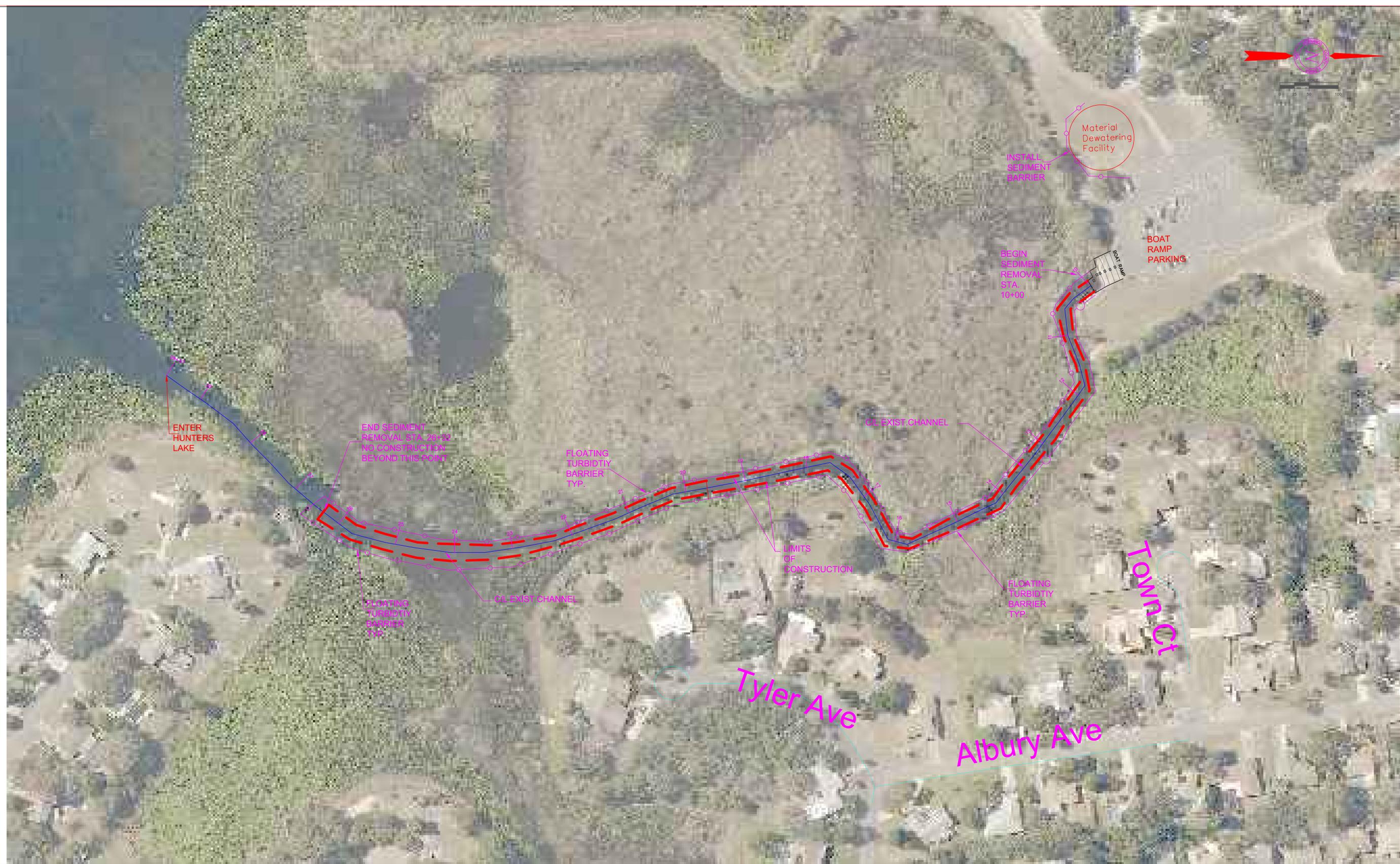
REVISIONS			
NO:	DATE:	BY:	DESCRIPTION:

HERNANDO COUNTY
DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 1525 East Jefferson Street
 Brooksville, FL 34601-2807
 (352) 754-4062



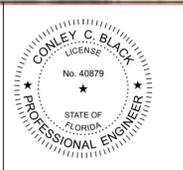
HUNTERS LAKE CHANNEL MAINTENANCE BATHYMETRIC SURVEY

CEO Number:
 17-
 Drawn By:
 AL T
 Project Engineer:
 BLACK
 Drawing File Name:
 Scale: Sheet Number:
 2 of 8



REVISIONS			
NO:	DATE:	BY:	DESCRIPTION:

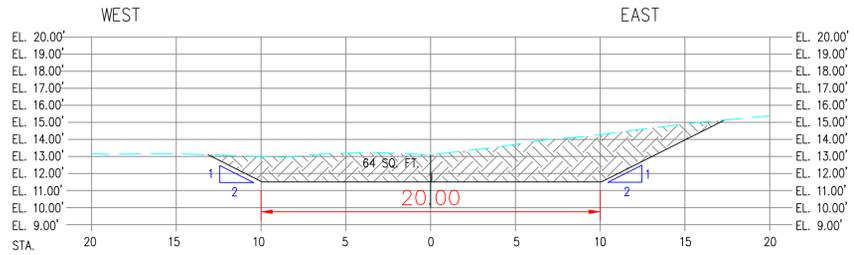
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DEPARTMENT OF PUBLIC WORKS
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 1525 East Jefferson Street
 Brooksville, FL 34601-2807
 (352) 754-4062



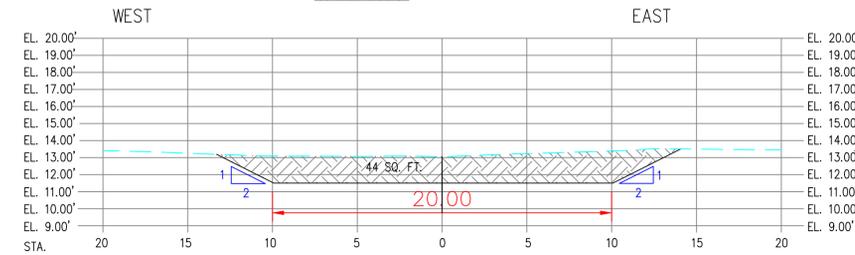
**HUNTERS LAKE CHANNEL MAINTENANCE
 CONSTRUCTION LAYOUT AND SWPPP**

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Drawn By:	AL T
Project Engineer:	BLACK
Drawing File Name:	
Scale:	Sheet Number: 3 of 8

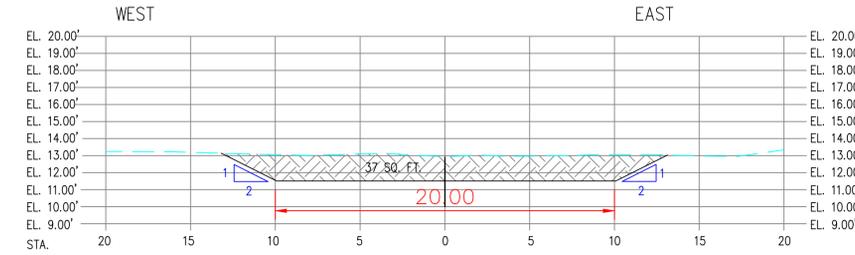
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 ▨ PROPOSED EXCAVATION



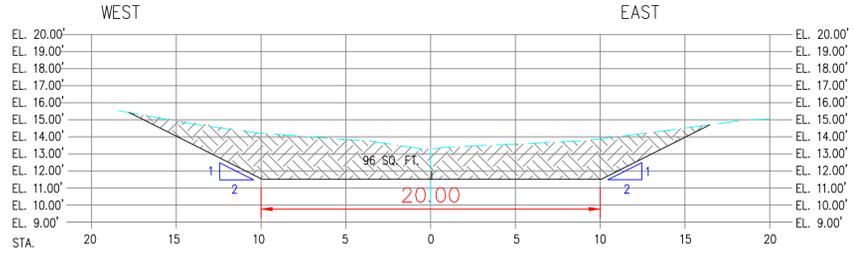
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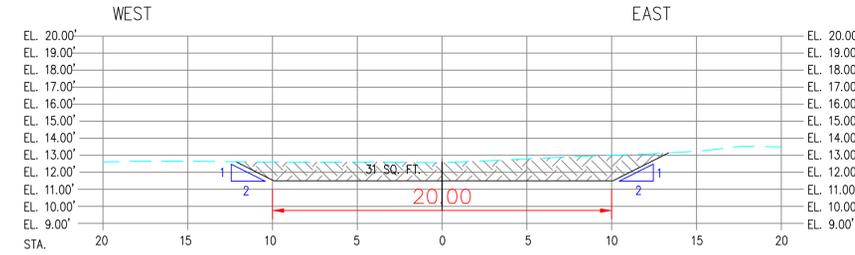
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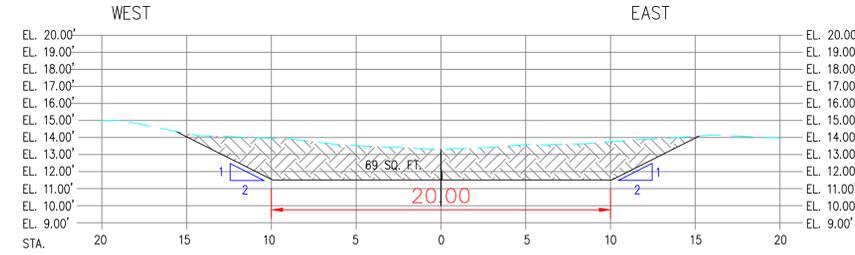
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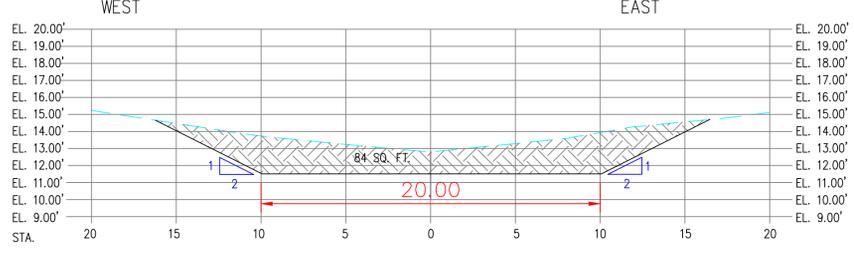
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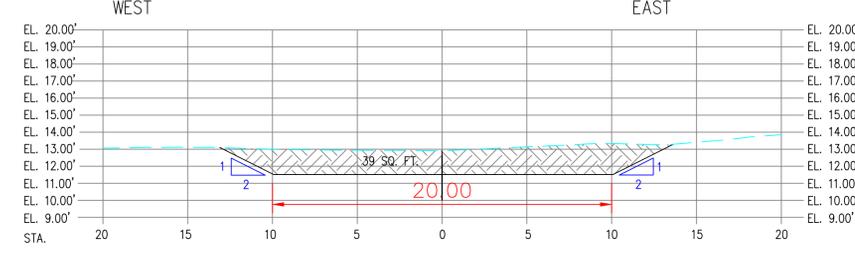
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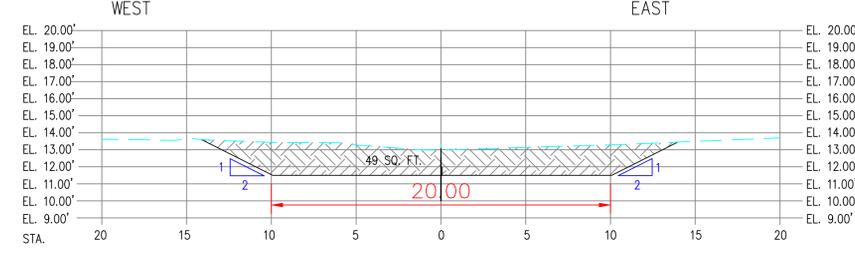
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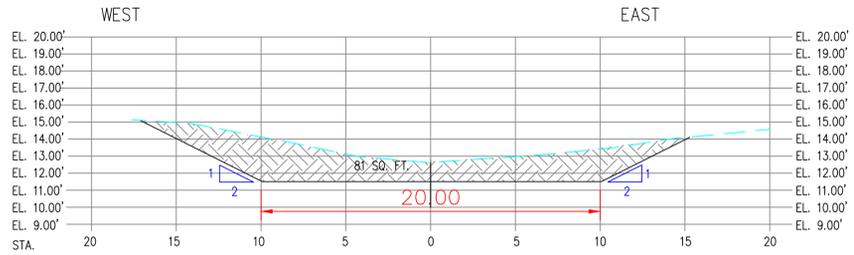
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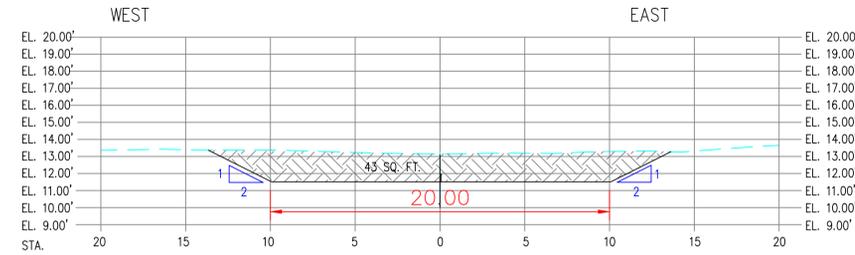
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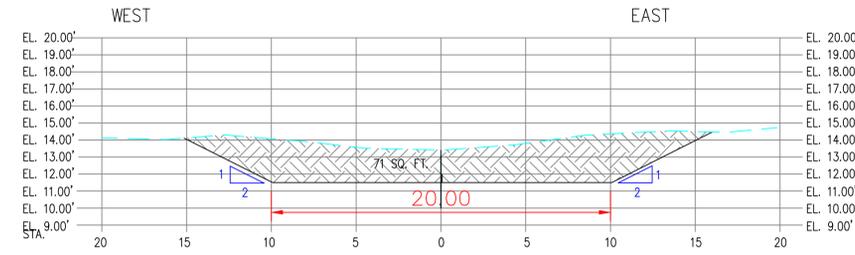
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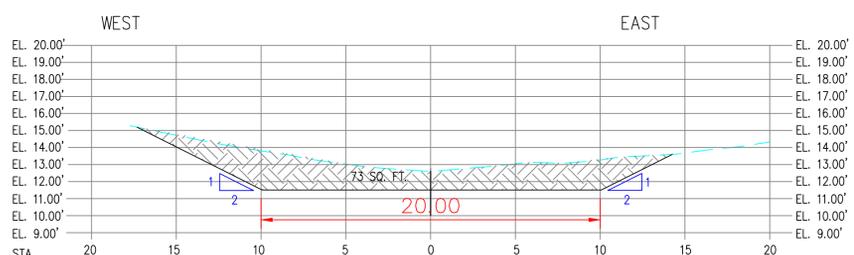
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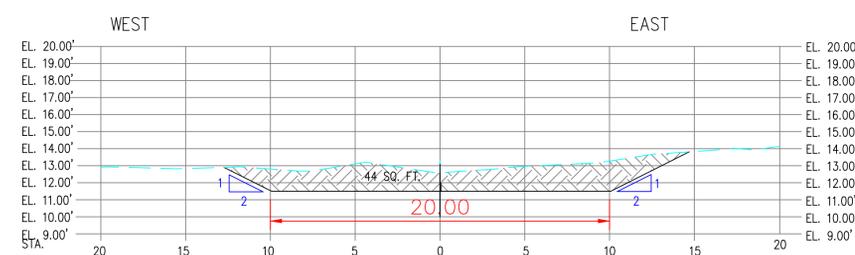
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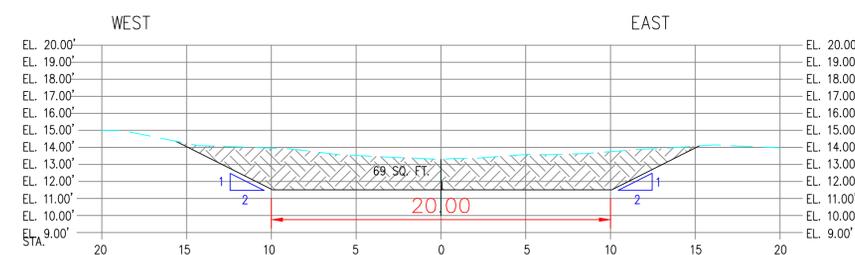
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SECTION 10+26



SECTION 12+50

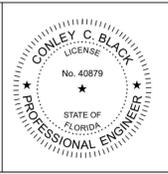


SECTION 15+50

REVISIONS

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 ENGINEERING DIVISION
 1525 East Jefferson Street
 Brooksville, FL 34601-2807
 (352) 754-4062

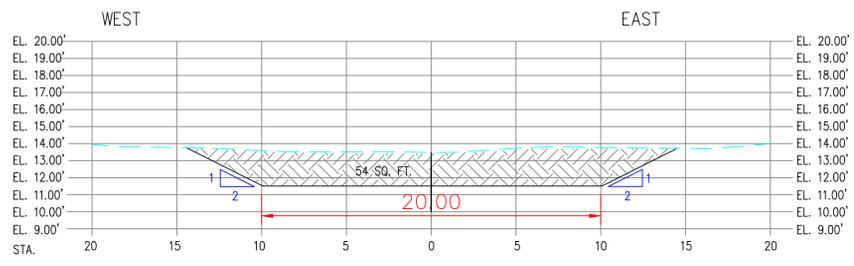


HUNTERS LAKE CHANNEL MAINTENANCE
 CROSS-SECTIONS (1)

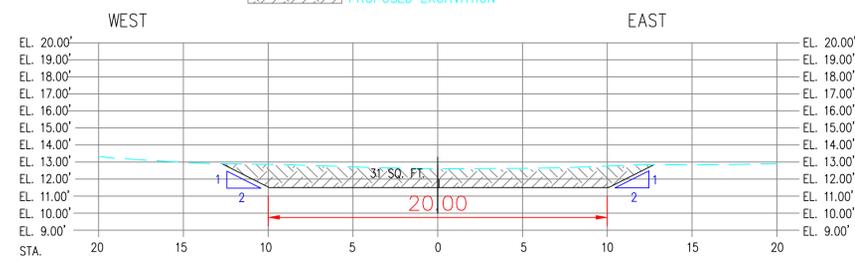
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 17-
 Drawn By:
 AL T
 Project Engineer:
 BLACK
 Drawing File Name:
 Sheet Number:
 4 of 8

Scale:
 NTS

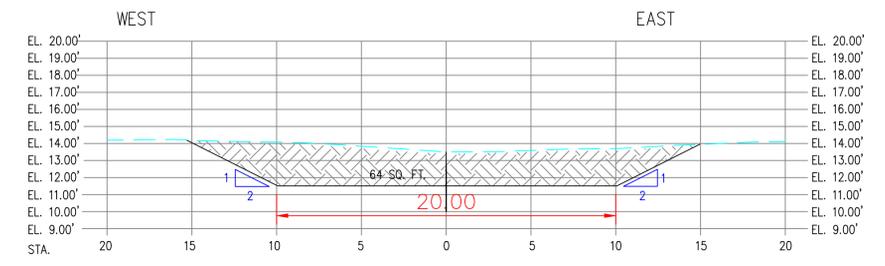
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 --- PROPOSED GRADE
 ▨ PROPOSED EXCAVATION



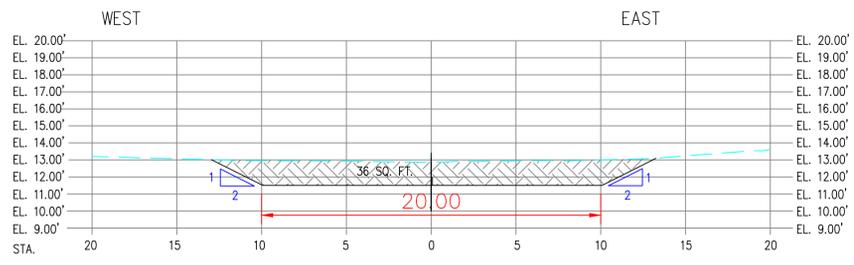
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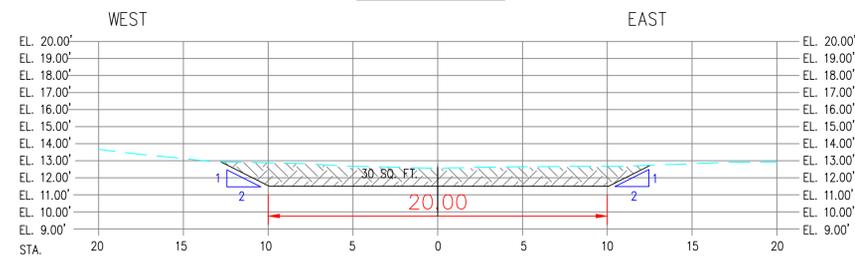
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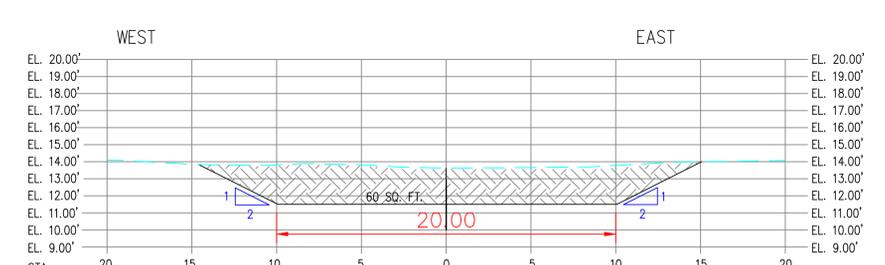
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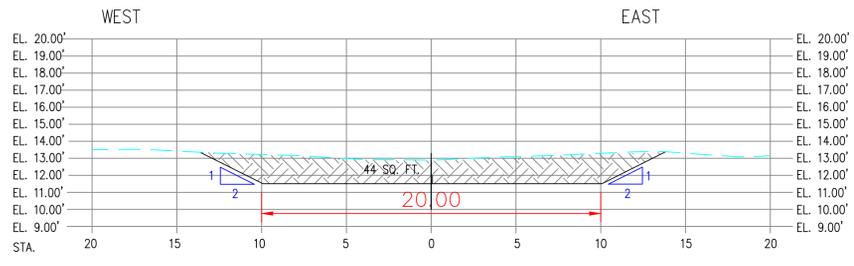
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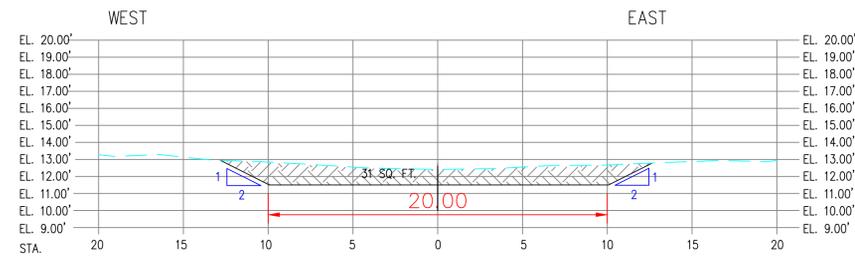
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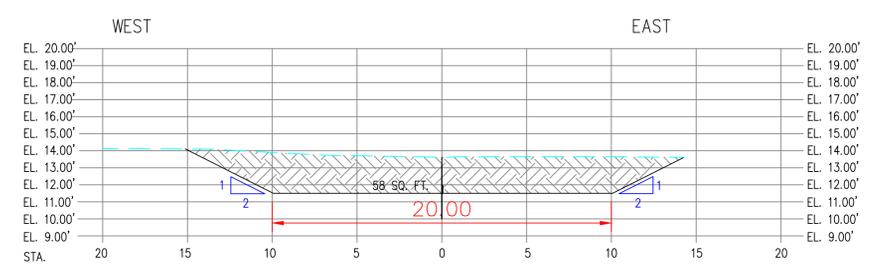
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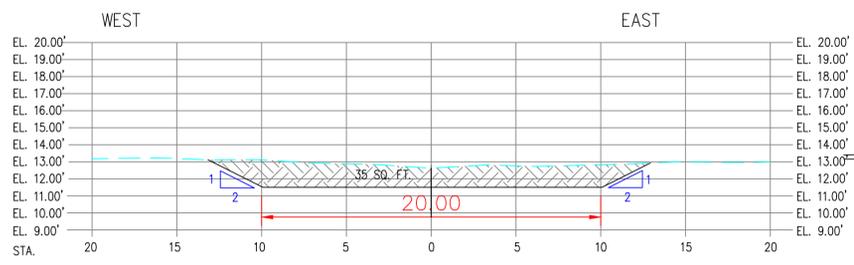
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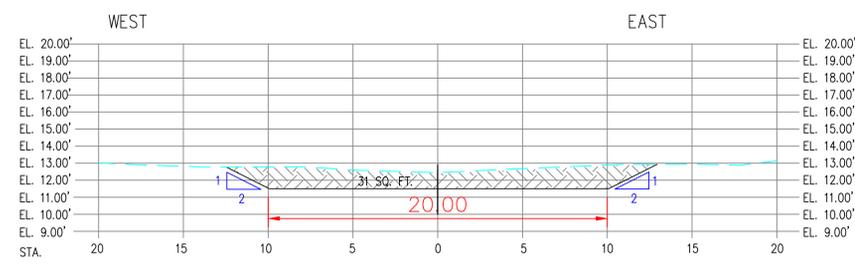
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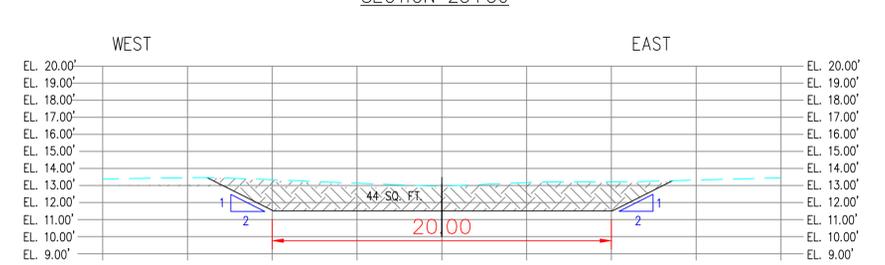
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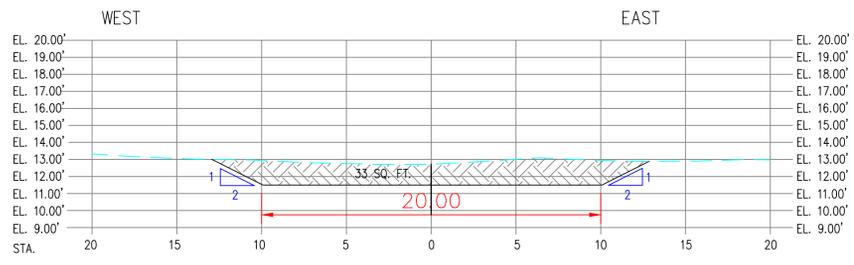
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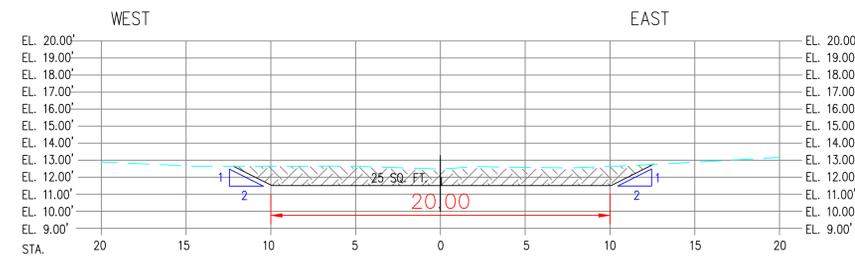
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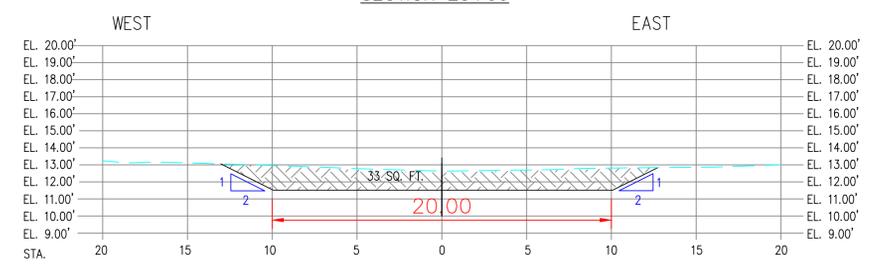
SECTION 23+00



SECTION 17+50



SECTION 20+00



SECTION 22+50

REVISIONS			
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 1525 East Jefferson Street
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 (352) 754-4062

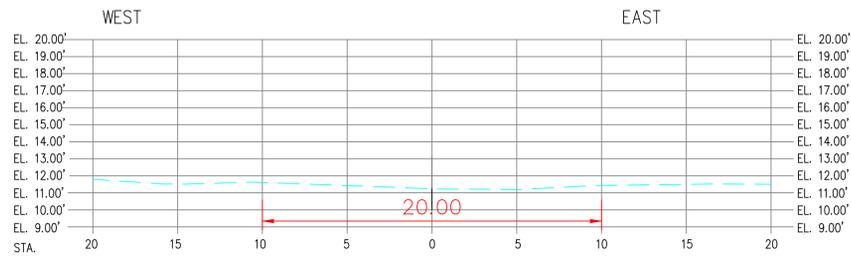


HUNTERS LAKE CHANNEL MAINTENANCE CROSS-SECTIONS (2)

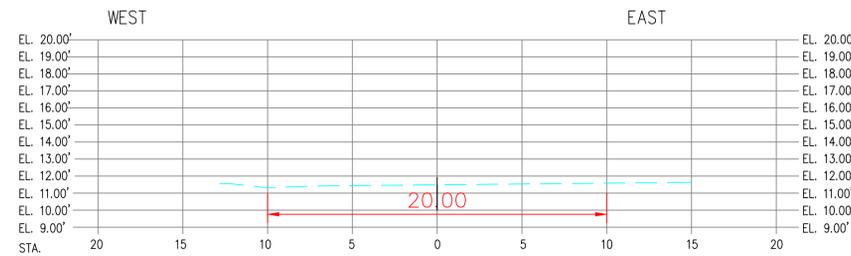
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 Drawn By:
 AL T
 Project Engineer:
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 Sheet Number:
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Scale:
 NTS

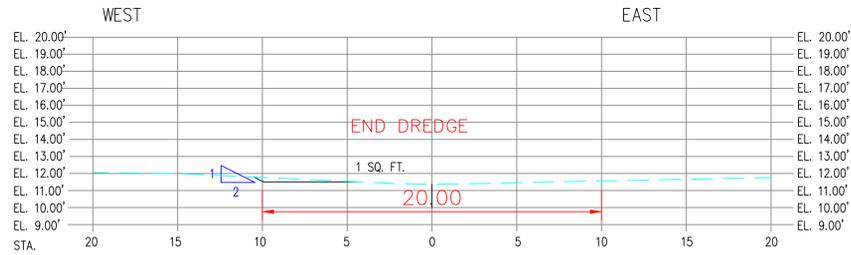
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 --- PROPOSED GRADE
 ▨ PROPOSED EXCAVATION



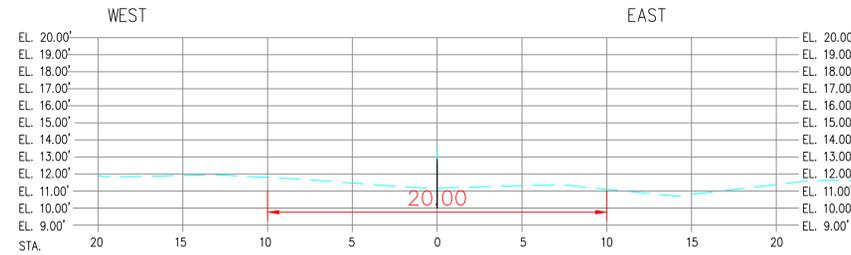
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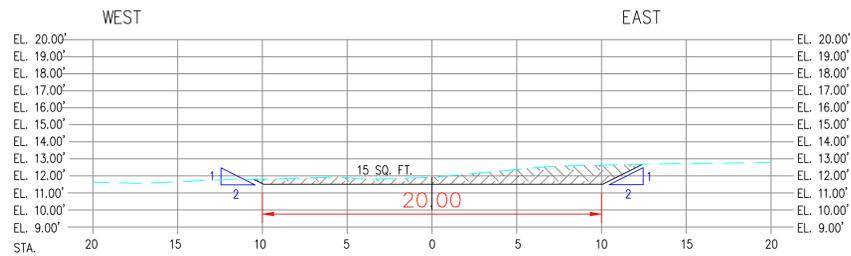
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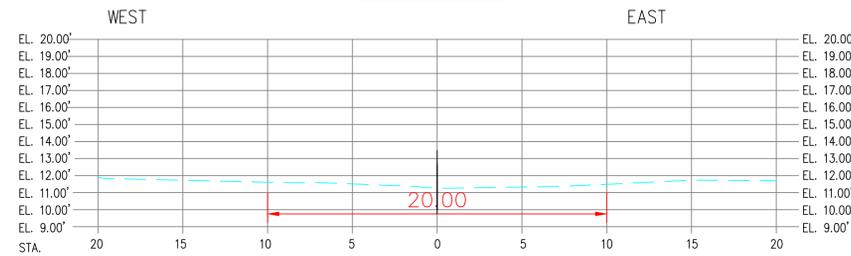
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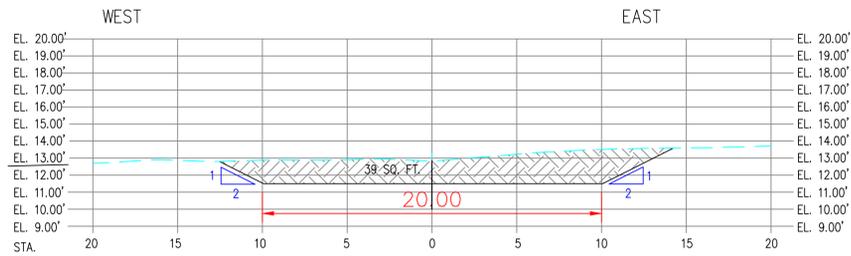
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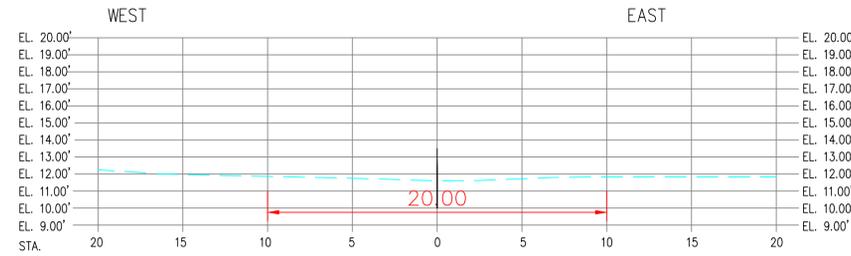
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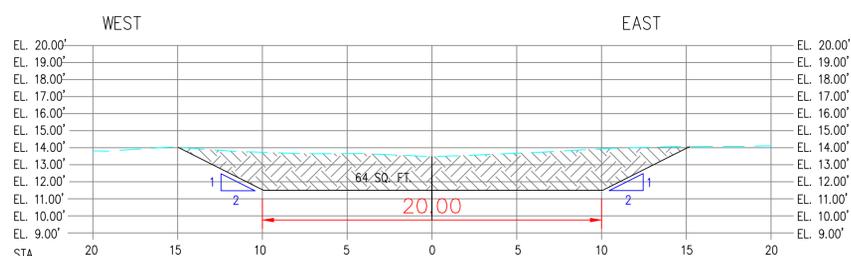
SECTION 28+50



SECTION 25+50



SECTION 28+00



SECTION 25+00



SECTION 27+50

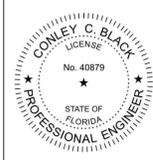
HUNTERS LAKE DREDGE VOLUME CALCULATIONS

SECTION #	CROSS SECTION AREA (SF)	AVERAGE AREA (SF)	SEPARATION (FT)	VOLUME BETWEEN SECTIONS
10+26	73	77	38	2926
10+50	81	82.5	45	3712.5
11+00	84	90	48	4320
11+50	96	80	58	4640
12+00	64	54	44	2376
12+50	44	43.5	30	1305
13+00	43	41	42	1722
13+50	39	39	57	2223
14+00	31	31	74	2294
14+50	44	44	45	1980
15+00	69	69	42	2898
15+50	71	71	65	4615
16+00	49	49	63	3087
16+50	69	69	42	2898
17+00	37	37	33	1221
17+50	33	33	32	1056
18+00	35	35	60	2100
18+50	44	44	80	3520
19+00	36	36	63	2268
19+50	54	54	54	2916
20+00	25	25	59	1475
20+50	31	31	44	1364
21+00	31	31	66	2046
21+50	30	30	41	1230
22+00	31	31	64	1984
22+50	33	33	52	1716
23+00	44	44	80	3520
23+50	58	58	35	2030
24+00	60	60	57	3420
24+50	64	64	52	3328
25+00	64	64	52	3328
25+50	39	39	68	2652
26+00	15	15	68	1020
26+40	1	1		
TOTAL VOLUME (CF)				83190.5
TOTAL VOLUME (CY)				3081

REVISIONS

NO.	DATE	BY	DESCRIPTION

HERNANDO COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 1525 East Jefferson Street
 Brooksville, FL 34601-2807
 (352) 754-4062



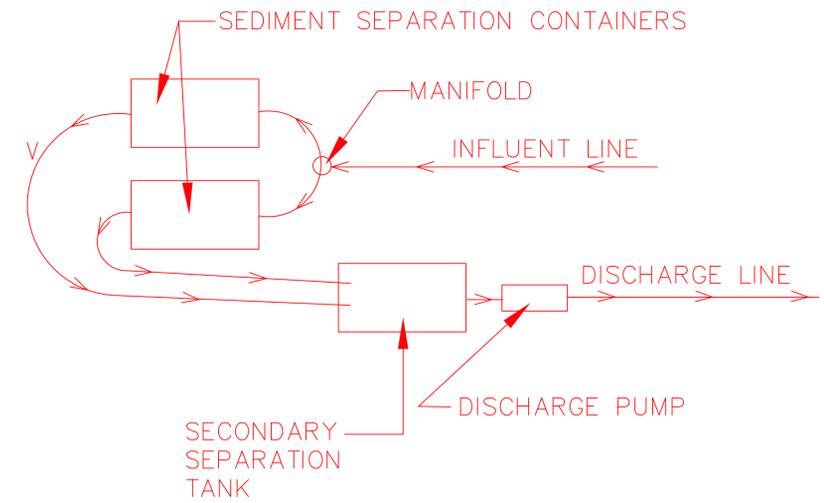
**HUNTERS LAKE CHANNEL MAINTENANCE
 CROSS-SECTIONS (3)**

Scale: NTS

CEO Number: 17-
 Drawn By: AL T
 Project Engineer: BLACK
 Drawing File Name:
 Sheet Number: 6 of 8



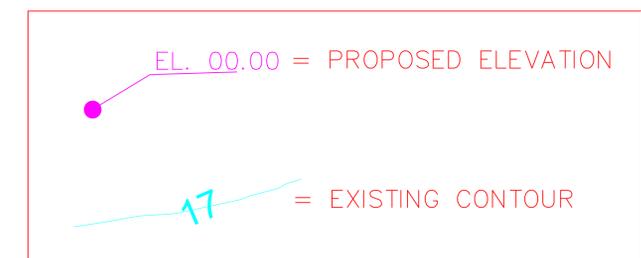
SEDIMENT REMOVAL
HYDRAULIC METHOD
DEWATERING PLAN



NOTE:

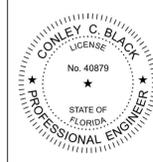
1. ALL DISTURBED AREAS TO BE SODDED PRIOR TO REMOVAL OF THE SEDIMENT BARRIER.

LEGEND



REVISIONS			
NO:	DATE:	BY:	DESCRIPTION:

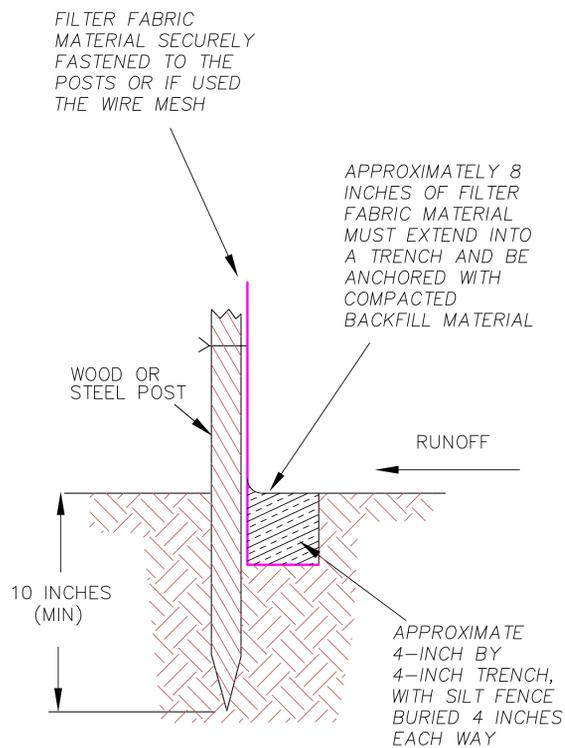
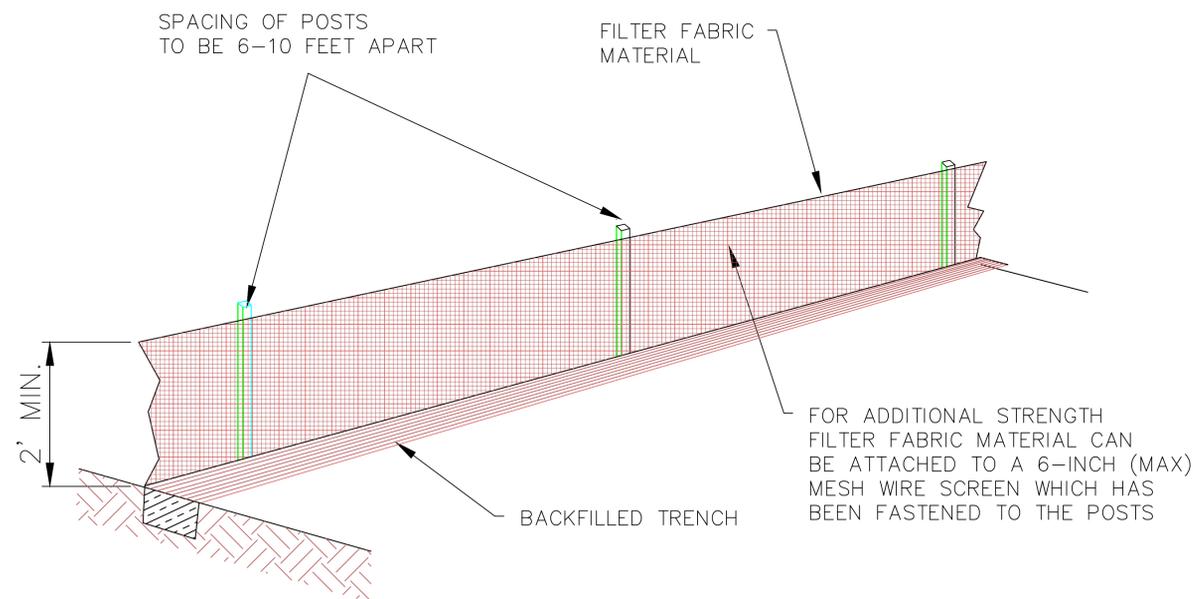
HERNANDO COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1525 East Jefferson Street
Brooksville, FL 34601-2807
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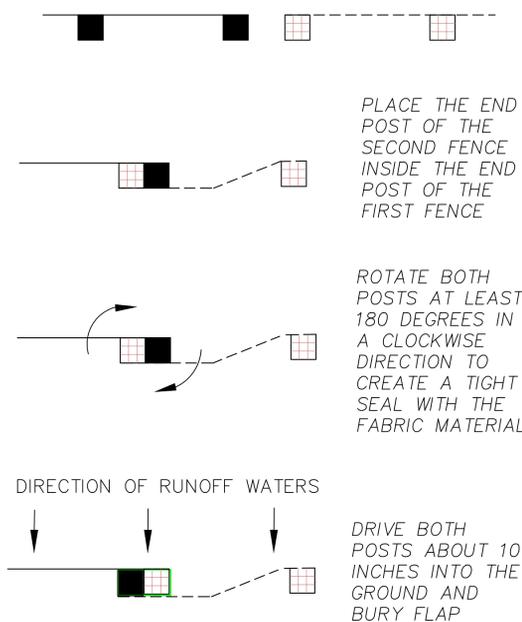
HUNTERS LAKE CHANNEL MAINTENANCE
DISPOSAL AND DEWATERING PLAN

Scale:	CEC Number: 17-
	Drawn By: AL I
	Project Engineer: BLACK
	Drawing File Name:
	Sheet Number: 7 of 8

SILT FENCE INSTALLATION DETAILS:



ATTACHING TWO SILT FENCES



STABILIZATION PRACTICES:
ALL DISTURBED AREAS ARE TO BE STABILIZED. ALL STABILIZATION PRACTICES SHALL BE PERFORMED AS SOON AS PRACTICAL AT LOCATIONS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

LOCATION OF STAKED SILT FENCE & STAKED TURBIDITY BARRIER:
STAKED SILT FENCE SHALL BE PLACED AS SHOWN. SILT FENCE SHALL BE USED AROUND ALL EXCAVATED MATERIAL IN ITS TEMPORARY LOCATIONS DURING CONSTRUCTION.

OFF-SITE VEHICLE TRACKING:
LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE DAMPENED WITH WATER AS REQUIRED FOR DUST CONTROL.

- FOR ADDITIONAL INFORMATION AND DETAILS, SEE F.D.O.T. INDEX NO. 102.
- ADDITIONAL POSTS AND RAILS MAY BE NECESSARY TO SECURE AND SUPPORT BARRIERS.
- ADDITIONAL FENCE LENGTHS MAY BE REQUIRED BY THE COUNTY ENGINEER OR BY REGULATORY AGENCIES.
- TYPE - III NORMALLY USED, WHERE REQUIRED.
- TYPE - IV USED WHERE LARGE SEDIMENT LOADS ANTICIPATED, SEE F.D.O.T. INDEX NO. 102.

DO NOT DEPLOY IN A MANNER SO THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS ARE TO BE USED AT PERMANENT BODIES OF WATER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES AFTER THE NOTICE OF TERMINATION. MAINTENANCE AND REPAIR REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE PROJECT COST.

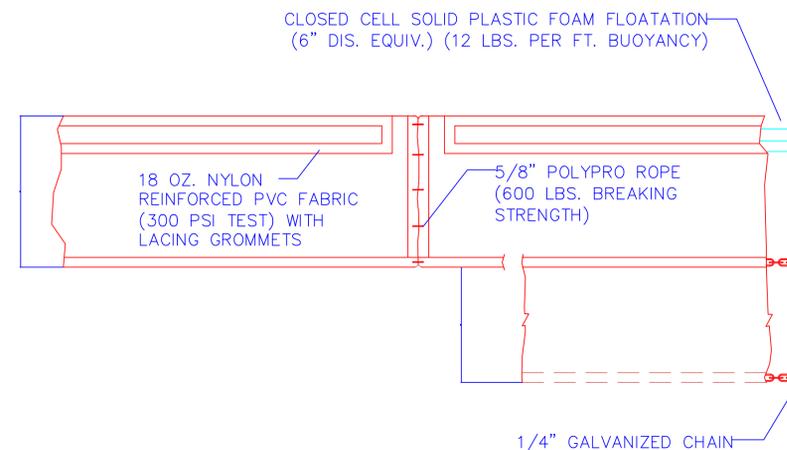
POLLUTION CONTROL MEASURES SHALL BE INSPECTED DAILY. WRITTEN DOCUMENTATION OF INSPECTIONS SHALL BE WRITTEN EVERY SEVEN CALENDER DAYS AND WITHIN 24 HOURS OF A RAIN EVENT OF 0.50 INCHES OR GREATER.

THE UNDERSIGNED ENSURES THAT THE SURFACE WATER AND STORMWATER MANAGEMENT MEASURES PROPOSED IN THE PLAN WILL BE EFFECTIVELY IMPLEMENTED UNTIL PERMANENT SURFACE WATER MANAGEMENT SYSTEM IS OPERATIONAL

GENERAL NOTES:

- 1) CONTRACTOR TO LOCATE AND AVOID ALL UTILITY INFRASTRUCTURE. CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA INC. AT 811 OR 1-800-638-4097 AND ALL UTILITY OWNERS LISTED ON THE COVER SHEET 48 HOUR BEFORE CONSTRUCTION.
- 2) CONTRACTOR TO INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES AS DEPICTED ON STORM WATER POLLUTION PREVENTION PLAN OR AS DIRECTED BY THE COUNTY ENGINEER. ALL EROSION AND SEDIMENTATION CONTROL ITEMS SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES, STRUCTURES AND PROPERTY ON AND ADJACENT TO THE SITE CAUSED BY CONSTRUCTION ACTIVITIES. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR PRE-CONSTRUCTION CONDITION UPON COMPLETION OF THE PROJECT AT THE CONTRACTOR'S EXPENSE.
- 4) ALL CONSTRUCTION ACTIVITIES SHALL REMAIN WITHIN THE ROADWAY RIGHT OF WAY. THE CONTRACTOR SHALL IDENTIFY THE RIGHT OF WAY BEFORE BEGINNING CONSTRUCTION.
- 5) SILT, SEDIMENT, TRASH, OR CONSTRUCTION DEBRIS DEPOSITED ON PRIVATE PROPERTY SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR AT HIS EXPENSE. AREAS DISTURBED BY REMOVAL OPERATIONS SHALL BE RESTORED TO PRE-EXISTING CONDITION.
- 6) CONTRACTOR SHALL RESTORE AREAS DISTURBED DURING CONSTRUCTION WITH SOD.
- 7) DEWATERING VOLUMES SHALL BE TREATED TO REMOVE SEDIMENTS PRIOR TO DISCHARGE PER FDEP STANDARDS.
- 8) THE CONTRACTOR SHALL REVIEW SITE CONDITIONS AND DETERMINE METHODS AND EXTENT OF DEWATERING NECESSARY AND SHALL INCLUDE COSTS OF DEWATERING IN THE INDIVIDUAL BID ITEMS. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR CONTROL OF GROUND OR SURFACE WATER OR FOR ADDITIONAL MATERIALS OR REWORK REQUIRED. *typ.*

TYPE 1 FLOATING TURBIDITY BARRIER

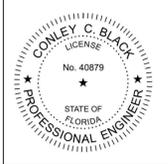


NOTES:

- D = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
 - D = 5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5')
- CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS OTHERWISE SPECIFIED IN THE CONSTRUCTION PLANS OR AS DIRECTED BY THE ENGINEER

REVISIONS			
NO.	DATE	BY	DESCRIPTION

HERNANDO COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
1525 East Jefferson Street
Brooksville, FL 34601-2807
(352) 754-4062



HUNTERS LAKE CHANNEL MAINTENANCE
SEDIMENT CONTROL DETAILS

CEO Number: 17-
Drawn By: AL T
Project Engineer: BLACK
Drawing File Name:
Scale: Sheet Number: 8 of 8

SCOPE OF SERVICES

Hernando County

**c/o Carla S. Burrmann, M.S., Manager, Aquatic Services and Waterways
16161 Flight Path Dr., Brooksville, FL 34604**

Hunter's Lake Boat Ramp Dredge – Design, Permitting, and Engineering Services during Construction

Date: November 24, 2025

Introduction/Overview:

Stantec will provide the Hernando County Aquatic Services and Waterways Department with design, permitting, bidding support, and engineering support during construction services for the dredging of the Hunter's Lake Boat Ramp channel. This scope of work will include anticipated engineering tasks required for the design, permitting, and construction of the boat ramp channel.

Scope Descriptions and Fee Estimates:

This task authorization includes the following tasks/activities:

Task 101 – USACE/FDEP Pre-Application Meetings

Stantec will submit a pre-application meeting request to the Florida Department of Environmental Protection (FDEP) and the United States Army Corps of Engineers (USACE). Stantec will prepare project documentation to facilitate each pre-application meeting, which will be hosted virtually. Stantec will also prepare for the meeting by reviewing past design and permitting documents provided by the County, if available. The purpose of these meetings will be to discuss the proposed project, obtain agency input on the type of data required, and to confirm the type of permit application(s) and associated requirements needed for each agency. Stantec will prepare and distribute meeting notes to County staff and meeting participants following each meeting.

Note: Based on a preliminary review of past issued permits, Stantec anticipates that past data collection efforts can be leveraged for permit applications. Tasks 102 (Hydrographic Survey), 103 (Wetland Delineation), and 104 (Sediment Sampling) are included in this scope of work to provide up-to-date information and analysis for determining dredge volumes, disposal options, and project impacts. If the pre-application meeting discussions provide information that one or some of these field investigations are not needed, Stantec can eliminate the task and associated fees from this scope of work. If the pre-application meeting discussions provide information on additional field investigation or engineering efforts that are required for permits, Stantec can provide a separate scope and fee for those services.

Schedule: Meeting requests will be sent to each agency within 30 days of NTP. Actual meeting dates will be dictated by each agency's schedule and availability – which could potentially be months after the request is submitted (the County will be invited to participate in each meeting).

Deliverables: A PDF of meeting notes following each meeting.

Task 102 – Hydrographic Survey

A hydrographic survey will be completed for the Hunter’s Boat Ramp channel (see Figure 1) using a combination of single beam and hand sounding survey methodology. In areas where the water depth is greater than 2 feet, singlebeam methodology will be used. In areas where the depth is less than 2 feet, hand soundings will be taken, provided that surveyors have access to those areas. The survey will meet the minimum technical standards for hydrographic surveying and be signed and sealed by a Registered Land Surveyor (RLS) or Professional Surveyor & Mapper (PSM) in the State of Florida. The survey services will be performed by Stantec’s hydrographic surveying sub-consultant - Morgan & Eklund Inc (CSA).

The purpose of the survey will be to delineate the existing bottom conditions. Existing published benchmarks will be utilized. The horizontal datum (coordinates) will be referenced to the Florida State Plane 902 West Coordinate System. The vertical datum (elevations) will be referenced to the North American Vertical Datum of 1988 (NAVD88) and will be based on published horizontal and vertical control points. Vegetation or other obstructions in the waterway may limit the horizontal extents of the survey equipment and field staff.

Schedule: TBD, based on a mutually agreed upon schedule – if required for permitting.

Deliverables: PDF figures of the survey results in plan view. Data will be provided in digital format, including DWG and XYZ format, if requested.

Task 103 – Wetland Delineation

Stantec ecologists will conduct a wetland and surface waters delineation at each Project Site to determine if potentially jurisdictional features considered Water of the U.S. (WOTUS) or Waters of the State are present within the Project Sites or within 25 feet of the Project boundaries, where accessible. The delineations will be completed in accordance with the state’s wetland delineation methodology defined in Chapter 62-340, FAC “*Delineation of the Landward Extent of Wetlands and Surface Waters*” and the FDEP *Florida Wetland Delineation Manual*, and the federal wetland delineation methodology defined in the U.S. Army Corps of Engineers (USACE) 1987 *Wetland Delineation Manual* and the 2010 *Regional Supplement to the Corps of Engineers Wetlands Delineation Manual: Atlantic and Gulf Coastal Plain Region* (Version 2.0).

Stantec will complete USACE wetland verification data forms for all delineated wetlands and their adjacent uplands. Individual wetland and upland assessment locations will be recorded with a submeter accurate GPS. A minimum of one data sheet set will be completed at each unique wetland-upland interface type. Wetland types, vegetative composition, and acreages will be documented and mapped. All community types will be classified utilizing the Florida Department of Transportation (FDOT) Florida Land Use, Cover, Forms, and Classification System (FLUCCS). Wetlands and surface waters will be further characterized utilizing the USFWS *Classification of Wetlands and Deepwater Habitats of the U.S.*

Following the field efforts, Stantec will prepare Environmental Narrative report, to be included with the USACE/FDEP permit applications. The Environmental Narrative will summarize the methods and results of the desktop and field efforts performed by Stantec (including the wetland/surface waters delineation), identify applicable avoidance and minimization measures to reduce potential impacts, and the results of the pre-application meetings and other meetings held with agencies. Attachments to the report will include items such as figures, datasheets, design drawings, and color photographs.

Schedule: TBD, based on a mutually agreed upon schedule – if required for permitting.

Deliverables: PDF of Environmental Narrative report.

Task 104 – Sediment Sampling (Chemical and Physical)

As part of the permitting process, the regulatory agencies may require chemical and physical sediment testing to identify what material is currently present within the proposed dredging footprint. The results of the testing may impact disposal options for the material.

Physical Analysis

Stantec will collect four (4) sediment samples for physical analysis throughout the project area. FDEP Standard Operating Procedures FS 3100 for grab sample collection will be followed during the operation. The intent is to obtain a complete set or representation of the sediments for the entire project area. A description of the testing methodology is provided below.

Sediment samples will be visually inspected and logged in detail in accordance with ASTM Standard D-2487. Textural classification during logging will be prepared in accordance with the Unified Soils Classification System. Color photographs of the samples will be taken to record visual characteristics. Samples will be analyzed for grain size, Munsell color, carbonate content, and percent moisture. Grain size analysis will adhere to ASTM Standard D-422 for mechanical particle size analysis of the soils. Analyses will be performed by mechanical sieving utilizing a set of nested screens dividing sediments at phi intervals from -4 to +3.75 phi. Tabular summaries of each sample will be generated and will report sieve size, phi size, mesh opening size in millimeters, weight of sediment retained in grams, cumulative percent retained, and cumulative percent passing. Sample statistics (e.g., mean, standard deviation, skewness, and kurtosis) will also be displayed in the summary tables. A frequency plot of grain size distribution will be provided for each sample in accordance with USACE Form 2087.

Chemical Analysis

Stantec will collect four (4) sediment samples for chemical testing from the proposed dredge footprint (see Figure 1) utilizing a ponar sampling device. The samples will be collected following regulatory procedures for sample collection during the operation and will comply with Florida Department of Environmental Protection (FDEP) standard operating procedures. The samples will be logged on chain-of-custody form, placed in a cooler and transported by Stantec to Pace Analytical Services, LLC (NELAP Florida Certification #E83079) in Oldsmar to perform the chemical analysis of the samples. Chemical analyses on each sample will be performed according to the following EPA methodology:

- EPA Method 6010B/7471A - Priority Pollutant/Heavy Metals: Antimony (Sb), Arsenic (As), Beryllium (Be), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Mercury (Hg), Nickel (Ni), Selenium (Se), Silver (Ag), Thallium (Tl), and Zinc (Zn).
- EPA Method 8270D - Semi-Volatile Organic Compounds (SVOCs)
- EPA Method 8082 - Polychlorinated Biphenyls (PCBs)
- EPA Method 8270 SIM - Polynuclear Aromatic Hydrocarbons (PAHs)

Schedule: TBD, based on a mutually agreed upon schedule – if required for permitting.

Deliverables: Memo Report identifying and interpreting sampling physical and chemical testing results to be included in the permit application packages.

Task 105 – 60% Permit Drawings

Stantec will develop 60% permit drawings that show the results of the hydrographic survey (Task 102) and wetland delineation (Task 103). A dredge template will be created, outlining the lateral extents of dredging and extending down to -5 ft MLW, as was previously permitted for the boat ramp channel. Stantec will develop plan view drawings and cross sections that will indicate the existing grade and proposed project design. The plan-view figures will present the data as existing bathymetric surface as contours, the proposed dredge template, and the resulting sediment removal thickness. Volumes of material within the proposed dredge template will be calculated in cubic yards. The drawings will also present the location of potential upland dewatering/disposal areas.

Ultimately, if an ideal and permissible disposal location cannot be located, this responsibility may be placed on the contractor and identified during the bidding process at a later time. Construction site access, staging areas, Best Management Practices (BMPs), and turbidity curtain locations will be detailed in the drawings. Stantec will provide a preliminary Engineer's Opinion of Probable Cost (EOPC) to accompany the permit drawings, intended to provide the County with a level of effort understanding of the anticipated budgetary requirements for implementation. A high and low estimate will be provided, and will be based on Stantec's review of past purchase orders, cost estimation tools, construction estimates from other consultants, industry knowledge, recent contractor bids, and historical costs on similar projects.

60% Permitting Plans

Stantec will prepare a permitting plan set that includes:

- Title sheet with location map
- General Project Notes
- Plan view of existing conditions
- Plan view and cross-sections of the project design
- Potential staging area during construction
- Typical erosion control details

Final permit drawings will be signed/sealed by the Engineer of Record, a Professional Engineer licensed in the State of Florida. The drawings will be provided to the County for review and approval by staff prior to permit application submittals.

Schedule: TBD, based on a mutually agreed upon schedule.

Deliverables: PDF of the 60% drawings. CAD drawings (.dwg) of the project and GIS shapefiles (.shp) of the project elements can also be provided upon request. PDF of the preliminary EOPC.

Task 105 – USACE/FDEP Permit Applications

Based on guidance from agencies during the pre-application meeting, Stantec will assemble and submit the permit applications on behalf of the County to the USACE and FDEP for the proposed dredging project using the information gathered/prepared from the field investigations and the 60% permit drawings.

Note: There is no set permit timeline with the USACE, nor with commenting agencies such as USFWS or NMFS relative to review/approval; therefore, Stantec cannot control the timing or responses from the regulatory agencies or guarantee approval. Based on recent Stantec experience, it is understood that due to regulatory staff shortages, permitting could take 24-36 months (or longer) to complete. That said, Stantec has strong relationships with regulatory staff in these agencies and we will work diligently to coordinate with the agencies to limit the amount of time to obtain the project permits.

Permit Type Assumptions:

- USACE – Nationwide Permit #35 – Maintenance Dredging
- FDEP – Individual Environmental Resource Permit or General Permit or Exemption

Schedule: TBD based upon a mutually agreed upon schedule.

Deliverables: Digital PDF copy of completed permit application package submittals.

Task 106 – RAI Permit Responses

Stantec will respond to the first two (2) rounds of comments in response to requests for additional information for each of the permitting agencies (i.e., USACE and FDEP). Information of a technical nature will be provided on submitted applications and plans (i.e., no new elements or “restudies” included). Appropriate changes to the design documents will be made following review and approval from the County. Supporting documentation will also be provided. This scope does not include redesign, modeling, or additional studies not previously conducted by Stantec.

Our experience has shown that comments received from agencies do not always necessitate changes in the documents. Additional RAI responses will be discussed with the County staff and may be completed as an amendment to this task order.

Stantec will submit draft responses to the County for review, approval, and final acceptance prior to submitting to permitting agencies.

Schedule: TBD, based on a mutually agreed upon schedule.

Deliverables: Response to Requests for Additional Information in Email or PDF format.

Task 107 – 90% and 100% Construction Drawings

Stantec will incorporate applicable design updates after the permitting applications are approved. Stantec will advance the dredging design to develop a set of 90% Construction Drawings suitable for bidding. Stantec will send the 90% Construction Drawings to the County for review and feedback before refining the plan set to the 100% Construction Drawings. The 100% Construction Drawings will be signed and sealed by a Professional Engineer registered in the State of Florida.

Stantec will update the Engineer’s Opinion of Probable Cost (EOPC) from Task 105 to reflect changes in quantities and anticipated construction methods. The estimated costs of construction will be based on the project volumes and quantity estimates, recent bids from similar projects, and discussions with local marine contractors. Costs will also consider the type of material to be removed and final placement locations.

100% Construction Drawings

Stantec will prepare a 100% plan set that includes:

- Title sheet with location map
- General Project Notes
- Plan view of existing conditions
- Plan view and cross-sections of the project design
- Site Access and Staging Area(s) during construction
- Typical erosion control details

Schedule: TBD, based on a mutually agreed upon schedule.

Deliverables: PDF of the 90% and 100% drawings. CAD drawings (.dwg) of the project and GIS shapefiles (.shp) of the project elements can also be provided upon request. PDF of the updated EOPC.

Task 108 – Construction Documents and Technical Specifications

Stantec will develop a set of Technical Specifications that describe the work to be constructed. These specifications will provide descriptions of the project as well as guidelines for work standards and compliance with local, state, and federal regulations.

Construction documents will be prepared that will be used by the County during the bidding process. The Final Construction Documents deliverable shall consist of plans, specifications, cost estimate, and appendices to be used in the bid package including:

- 100% Construction Plans
- Technical Specifications
- Engineer’s Opinion of Probable Cost
- Appendix Information (permits, field investigation results, and other relevant information)

Schedule: TBD, based on a mutually agreed upon schedule.

Deliverables: PDF of Technical Specifications. PDF package of the Construction Documents.

Task 109 – Bidding and Contractor Procurement Services

Stantec will support the County during the bidding process by preparing for and attending one (1) virtual pre-bid conference, responding to RFIs from prospective Contractors seeking interpretation of the plans and specs, assisting in preparation of a bid addenda by providing technical response to items, and incorporating changes that may be warranted to the construction drawings, technical and supplemental general conditions, or other construction related issues as appropriate.

Stantec will obtain copies of sealed bids from the County and will review them for accuracy, completeness, and contractor qualifications. Stantec will evaluate and provide a written engineer’s recommendation for award to the County based on a review of the submitted bids. Note: The recommended contractor may not be the lowest bidder, but rather the most qualified and responsive bidder. Final award and recommendation will be the responsibility of the County.

Schedule: TBD, based on a mutually agreed upon schedule.

Deliverables: Pre-Bid meeting notes and responses to questions presented at the pre-bid meeting. PDF with response(s) to Contractor’s written inquiries. PDF memo detailing the engineer’s recommendation of the most qualified bidder.

Task 111 – Presentation to BOCC (2)

Stantec will prepare for, attend, and present project updates at two (2) County Commissioner meetings. The presentations will be given by a Stantec senior dredging lead responsible for the project.

Schedule: TBD, based on a mutually agreed upon schedule – if requested.

Deliverables: PowerPoint of presentation.

Task 112 – Engineer of Record and CEI Services (Full-Time)

During construction, Stantec will provide EOR services for the duration of the construction of the project, which is assumed to be 6 months. The EOR/senior staff and supporting staff will:

1. Attend the pre-construction kickoff meeting (on-site).
2. Set up a project start-up meeting with the Contractor (virtual).
3. Review and monitor the Contractor's overall compliance with the approved plans and specifications.
4. Review and assist in negotiating change orders to the contract as required, as may be initiated or recommended by the County, Engineer, or Contractor.
5. Review the Contractor's applications for payment and accompanying data and schedules based on on-site observations prior to submittal to the County for processing and payment.
6. Attend virtual bi-weekly meetings (2 meetings per month) with the County to provide project updates.
7. Address requests for additional information and construction issues.
8. Perform one site visit per month alongside the on-site engineer to review construction work, and prepare a post-visit report with a description of work, observations, and pictures of the work.
9. Process survey data provided to update design drawings and calculate volumes of material removed and/or remaining.
10. Review the as-built survey to verify completion of the work for interim as-built surveys and at the completion of the project.
11. Prepare final documentation including a certification that, based on the work performed, the project has been constructed as designed and as described in the contract documents.
12. Conduct substantial completion and final completion inspections and assist in the preparation of final punch list and project close-out.

Stantec will provide full-time Construction Engineering and Inspection (CEI) services that will monitor the dredging, permit compliance, and material transport. The on-site engineer will perform visual reviews of work in progress for conformance with the design plans and specifications. This person's responsibilities will consist of:

1. Monitoring and documenting the performance of the Contractor and recommend acceptance, rejection and/or correction of the work, which does or does not conform to the approved plans and specifications. Stantec shall not be responsible for the Contractor's means and methods of construction, nor shall Stantec be responsible for the rate of completion or coordination of the work.
2. Preparing field inspection reports and furnishing photographs documenting the progress of the work. All reports will be submitted to the County, the Contractor, and the EOR on a routine basis or as otherwise directed.
3. Maintaining a complete inspection logbook of each inspection report and supporting documentation.
4. Interpreting the meaning and intent of the Contract Documents. Consulting with the Engineer of Record for their design intent, when necessary. Providing reports of interpretations to the County, the Contractor, and the EOR.
5. Resolving field issues that do not affect the design intent. Consult with the EOR for their input when necessary. Providing field reports to the County, the Contractor, and the EOR.
6. Reviewing requests for payment from the Contractor. Validating the work completed at the time of request for payment. Recommending payment or rejection of payment requests, as deemed appropriate.
7. Scheduling and attending project progress meetings between the County, the Contractor, and the EOR. Meetings may be held bi-weekly or as deemed appropriate. Preparing meeting agendas and distribute minutes of the meetings to the County, the Contractor, and the EOR.

8. Assisting with substantial completion and final completion inspections and the preparation of final punch list and project close-out.
9. Reviewing the Contractor’s “as-constructed” record information for accuracy and later use, as required.
10. Processing survey data provided to update design drawings and calculate volumes of material removed and/or remaining.

Observations will be made by the on-site engineer to ensure that construction is in compliance with the construction plans, contract documents, and permit authorizations for the work. Stantec will serve as liaison between the Contractor and the County during construction. Cost estimates are based on a full-time onsite engineer, 8 hours per day for 5 days per week for 6 months (26 weeks).

Schedule: TBD, based on a mutually agreed upon schedule.

Deliverables: PDF summary of the pre-construction kick off, project start-up meeting, and completion inspections, an email summary of as-build verifications of completed work, and final documentation at the close of the project. PDF summary of each of the bi-weekly virtual meetings and a PDF of each post-visit report from the EOR. PDFs of field inspection reports and a PDF of the complete logbook.

Note: The duration of this task is dependent on contractor’s proposed schedule during the bid process. Stantec will work with the County to refine this task appropriate.

Fee Estimate

The cost for this planning-level investigation will be Lump Sum not to exceed fee of \$467,300 for services. All work will be performed following the provisions of the Contract No. 23-RFQ00422/AP Continuing Professional Engineering Services, between Hernando County and Stantec.

Note: Funds may be moved between tasks during the project lifecycle.

Task	Estimated Fee
Task 101 – USACE/FDEP Pre-Application Meetings	\$3,176
Task 102 – Hydrographic Survey	\$29,264
Task 103 – Wetland Delineation	\$14,664
Task 104 – Sediment Sampling (Chemical and Physical)	\$12,718
Task 105 – 60% Permit Drawings	\$42,640
Task 106 – USACE/FDEP Permit Applications	\$36,924
Task 107 – RAI Permit Responses	\$18,500
Task 108 – 90% and 100% Construction Drawings	\$13,624
Task 109 – Construction Documents and Technical Specifications	\$13,624
Task 110 – Bidding and Contractor Procurement Services	\$8,920
Design and Permitting Subtotal	\$194,054
Task 111 – Presentations to BOCC (2 Meetings)	\$7,496
Presentations to BOCC (2) Subtotal	\$7,496
Task 112 – Engineer of Record and CEI Service (Full Time)	\$265,750
Engineering Services During Construction Subtotal	\$265,750
Project Total Fee	\$467,300

ASSUMPTIONS:

- Only items listed in the scope are included in the associated fee schedule.
- No submerged resource survey information will be collected in this scope of work since this is anticipated to be permitted as maintenance dredging.
- The following items are not included in this scope of work, but can be added in future phases of this project: additional surveying beyond the extents presented herein, rock probing, modeling, or dredge pipeline routing/impact tasks.
- A separate scope/fee for additional services will be provided if requested.
- Stantec will not surpass the authorized costs without written prior approval.
- Stantec does not guarantee the outcome of permit application submittals or other agency decisions regarding the permit applications.
- All permit and severeness fees will be paid directly to the agencies by Hernando County.
- This scope of work does not include the preparation of mitigation plans as a result of any proposed environmental impacts as result of any resources not yet identified. No mitigation design is included.
- No peer review or responses to 3rd party requests are included in these services.
- The County will identify the location for the dredge material disposal site(s) and any other necessary documentation requested by the USACE or FDEP to support the project permitting (e.g., cultural resources information, letter of approval(s) from landowners, etc.).
- This scope and fee assumes that the project will take 6 months to construct.
- Turbidity monitoring is not included.
- Permit compliance is not the responsibility of Stantec.
- Stantec is not responsible for interim or post-construction surveys, nor are they included in this scope.
- Should the County desire EOR or CEI services beyond the 6 months, Stantec can provide a daily, weekly or monthly rate for services.
- Claims will be reviewed, but legal challenges and expert testimony are not included with these services.
- As the Stantec CEI representative is onsite 8 hours per day, 5 days per week, the Contractor may be working at times while Stantec is not onsite. If the County would like to extend working hours or days per week, Stantec can provide an addendum to this task order.



Figure 1 – Project Area and Survey Extents

Certification of Compliance with a State 404 Program General Permit

Instructions: To be completed, executed, and submitted to the Agency within 30 days of completion of the authorized activity.

Permit No: _____ Permittee's Name: _____

Permittee's Address: _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES NO
TO SCHEDULE AN INSPECTION, PLEASE CONTACT AT

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.):

Acreage or Square Feet of Impacts to state-assumed waters:

Describe Mitigation completed (if applicable):

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date:

Name and Title

Enclosures:

- Attached drawing(s) depicting deviations from the permit (if any)
 Other

State 404 Program

Department Certified Wetland Evaluator Work Product Cover Sheet

The attached files were reviewed/created and approved by the Certified Wetland Evaluator(s) (CWEs) employed by the Florida Department of Environmental Protection as indicated below.

State 404 File Number: 0359463-004 WMD/DLG ERP/FD File Number: _____

Date(s) of Site Inspection: September 21, 2022

Purpose of Site Inspection: Upland Identification

Evaluation Documentation Includes (check all that apply):

- 62-340, F.A.C. Data Forms: 6 pages
- Functional assessment forms: _____ pages
 - UMAM
 - WRAP
 - WATER
 - Other _____
- Site photos: 4 pages
- State 404 Program WOTUS Information Form: _____ pages
- Other WOTUS-related documentation: _____ pages

Description _____

By signing below, the DEP CWE(s) affirm that the attached documentation was completed in accordance with the following laws and rules as applicable: Chapters 62-330, 62-331, 62-340, and 62-345, F.A.C., and 40 C.F.R. 120, and contain true and accurate information that reflects the site conditions at the time of the inspection.

Lead DEP CWE Name (legible): Heather McClurg



Signature: _____

Date Approved: _____



§ denotes the Rule, subsection, paragraph, or subparagraph referenced from Ch. 62-340, F.A.C.

FDEP SLERC
August 2019

Chapter 62-340, F.A.C. Data Form

1. Date: September 21, 2022 2. Staff Present: H. McClurg 3. Form recorder(s): HM
 4. County: Hernando (27) 5. Site Name: Hunters Lake Dredge Tracking #: 0359463-004
 6. Point ID: Upland GPS Coordinates: 28.449574°N 82.623920°W
 7. Distances and bearings from fixed objects (if no GPS):
 8. Current condition of described point: Authorized or legal condition Unauthorized or illegal condition
 9. Work type: Identification Delineation
 Point status: Wetland Non-Wetland Surface Water Upland

10. Vegetative Stratum §62-340.400: Using §62-340.400, F.A.C. with reasonable scientific judgment, select the appropriate vegetative stratum. (Do not include FAC species when determining 10% minimum areal extent.)
 Canopy (Min. 10% areal extent) Subcanopy (Min. 10% areal extent) Groundcover (No min. areal extent)
 Vegetation Absent (*skip to #14*) Evaluation Impossible (*skip to #14*) **Why?**

11. Plant List §62-340.200(2),(6),(16), §62-340.400, §62-340.450, F.A.C.:
As is under current conditions, without considering RSJ¹ or the legality of any alterations:
 Areal extent estimator: HM

Select and identify plants in an area just large enough to represent and classify the plant community at the described point. Do not extend into different communities or hydrologic conditions.

1. Record the scientific name (binomial) and status of <u>each</u> plant species necessary to identify/delineate and classify the plant community in the selected area.	2. Record the percent areal extent in the canopy, subcanopy, and groundcover columns for each species.	3. For each species present in the stratum selected in #10 , transfer the numbers from <u>only that stratum's column</u> into the appropriate status columns.							
#	Binomial of Observed Species	Status	Canopy	Subcanopy	Groundcover	Upland	Facultative	Fac. Wet	Obligate
1.	Paspalum notatum	U			95	95	0	0	0
2.	Alysicarpus vaginalis	U			15	5	0	0	0
Percent areal extent totals for the stratum selected in question 10						100	0	0	0

12. In the stratum selected in #10: What is the % areal extent of Obligate plants? 0
 What is the % areal extent of Upland plants? 100
 Is the areal extent of Obligate plants greater than that of Upland plants? Yes No

13. In the stratum selected in #10: What is the total % areal extent of Obligate & Facultative Wet plants combined? 0
 What is the total % areal extent of Obligate, Facultative Wet, & Upland plants combined? 100
 What is the percentage of OBL + FACW in relation to all plants, excluding FAC? $\frac{\text{OBL} + \text{FACW}}{\text{OBL} + \text{FACW} + \text{UPL}}$ 0%

Point ID/Location: 0359463-004 Upland Soil describer: HM

14. LRR/MLRA U Textures: Peat, Mucky Peat, Muck, Mucky Mineral (S or F), Sand, Fine, Marl

15. Is a soil profile evaluation possible? Yes No If no, why? (If No, skip to #18)

16. Soil Description: As is under current conditions, without considering RSJ¹ or the legality of any alterations
 Soil surface, or 0 inch depth for purposes of Chapter 62-340, F.A.C. is the muck or mineral surface (whether natural or fill)

Horizon	beginning to ending Depth (inches)	Matrix Texture	moist condition Matrix Hue Value/ Chroma	for sandy matrix horizons w/ value ≤ 3: % Organic Coating	- Describe soil features: DA (areas darker than matrix), LA (areas lighter than matrix), - RC (redox concentrations): Record in moist condition hue value/chroma ; % volume in horizon ; boundaries (sharp/clear/diffuse); shape (rounded/linear/angular). - OB (organic bodies): Record texture (muck or mucky mineral), % volume in horizon . - H₂S (hydrogen sulfide odor): Indicate shallowest depth where detected - Note if horizon is Physically Mixed (PM) , Nonsoil (any material not listed in "Textures" above), or Fill and describe.
1	0 - 11.5	Sand	10YR 5/1		DA: 10YR 3/1, 5%, clear/round DA: 10YR 4/1 5% round and clear

17. Hydric Soil Field Indicators: If present, check all Hydric Soil Field Indicators satisfied and specify their beginning and ending depths

#	Indicator Present	Begin Depth	End Depth
1			
* = Stand-alone D Test - both hydric soil and hydrologic indicator		To combine layers/indicators to meet thickness requirements, see NRCS Hydric Soils Technical Note 4.	

18. Excluding organic horizons, is any nonsoil horizon present at or within the uppermost 12 inches of the ground surface?
 Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) No Soil profile or site inaccessible

19. Is one or more hydric soil field indicators present? Yes No Inconclusive (e.g., evaluation to 12+ inches impeded by disturbance, water, nonsoil, no site access, etc.)

If no or inconclusive, is the soil hydric as determined by other NRCS methods?
 Yes ← Which method(s)? No Inconclusive ← Why?

20. Is the depth of the soil profile 20 inches or greater from the soil surface? Yes No If no, depth of soil profile is: 11.5 inches Why?

(e.g., root refusal, nonsoil, water table, loose sand, heavy texture, compaction, weather conditions, inspection interrupted)

21. Observed height or depth of standing water from soil surface: inches Above Below Not Observed

22. Hydrologic Indicators: As is under current conditions, without considering RSJ¹ or the legality of any alterations

Hydrologic Indicators per §62-340.500, F.A.C. (and as applied to §62-340.600, F.A.C.)	Present at or near point	Predicted during normal high water or wet season	Within 100 ft waterward of point (not for upland points)	1. Describe the type of all checked indicators. 2. Approximate the distance and compass direction of indicators within 100 ft of the point. 3. For water level indicators (potential indicators denoted by *) note the height from ground surface at the point as well as waterward (with distance from point). Only for indicators not present due to dry season/drought

Highest water level indicator height at point: inches Above Ground Surface No Water Level Indicators
 Above Soil Surface N/A (described point is Upland)

23. Is one or more hydrologic indicator(s) listed in §62-340.500, F.A.C. present or predicted with normal high water or wet season conditions at the described point? Yes No Evaluation Impossible ← Why?

24. Delineation by Wetland Definition §62-340.300(1), F.A.C.

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

a) Has a wetland boundary been delineated at the described point? Yes No (*If No, skip to #25*)

b) If yes to 24a, can the boundary be easily delineated using the definition of wetlands? Yes No

25. A & B Test Wetland Criteria §62-340.300(2)(a),(b), F.A.C.

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

a) Is the areal extent of Obligate plants in the stratum selected in #10 greater than the areal extent of all Upland plants in that stratum? (See #12) Yes No Vegetation Absent (*skip to §25f*) Evaluation Impossible (*skip to #26a*)

b) Is the areal extent of Obligate and/or Facultative Wet plants in the stratum selected in #10 equal to or greater than 80% of all the plants in that stratum, excluding Facultative plants? (See #13) Yes No

c) Is the soil hydric as identified using standard NRCS definitions and practices? (see #19)

Yes No Indeterminable with current conditions ← Why?

d) Is the substrate composed of riverwash, nonsoil (see #18), rock outcrop-soil complex, or is the substrate located within an artificially created wetland area? Yes No If yes, which condition is present?

e) Is one or more of the hydrologic indicators in §62-340.500, F.A.C. present at the described point? (See #23) Yes No

f) Are the A Test criteria met per §62-340.300(2)(a), F.A.C. at the described point? Yes No
(Note: If yes to 25a and yes to either 25c, 25d, or 25e, A Test criteria are met)

g) Are the B Test criteria met per §62-340.300(2)(b), F.A.C. at the described point? Yes No
(Note: If yes to 25b and yes to either 25c, 25d, or 25e, B Test criteria are met)

h) Are there any **alterations or conditions** affecting reliable application of the A or B Test such that the Altered Sites Test is more appropriate? Yes No

26. C Test Wetland Criteria §62-340.300(2)(c), F.A.C.

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

- a) Per §62-340.300(2)(c), F.A.C. is the described point Pine Flatwoods or Improved Pasture, or does it have drained soils? Yes No **If yes, select which of the following are met, then skip to #26d**
 Pine Flatwoods Improved Pasture Drained Soils

Pine Flatwoods must have flat terrain, a monotypic or mixed canopy of long leaf pine or slash pine, and a ground cover dominated by saw palmetto with other species that are NOT obligate or facultative wet. Improved Pasture means areas where the dominant native plant community has been replaced with planted or natural recruitment of herbaceous species which are NOT obligate or facultative wet species and which have been actively maintained for livestock through mechanical means or grazing.

Drained Soils are those in which permanent alterations, excluding mechanical pumping, preclude the formation of hydric soils.

- b) Are the soils at the described point saline sands (salt flats-tidal flats), or have they been field verified by NRCS's Keys to Soil Taxonomy (4th ed. 1990) as Umbraqualls, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraqualls? Yes No
- c) Do the soils at the described point have a NRCS hydric soil field indicator (see #17), and is the point located within a map unit named or designated by the NRCS as frequently flooded, depressional, or water? Map Unit: Yes No Inconclusive ← Why? (skip to #27a)
- d) Are the C Test criteria met per §62-340.300(2)(c), F.A.C. at the described point? Yes No (Note: If no to 26a and yes to either 26b or 26c, C Test criteria are met)
- e) Are there any alterations or conditions affecting reliable application of the C Test such that the Altered Sites Test is more appropriate? Yes No

27. D Test Wetland Criteria §62-340.300(2)(d), F.A.C.

As is under current conditions, without considering RSJ¹ or the legality of any alterations:

- a) Is the soil hydric as verified by a NRCS hydric soil field indicator? (See #17)
 Yes No (skip to #27d) Inconclusive ← Why? (skip to #28)
- b) Does any NRCS hydric soil field indicator begin at the soil surface or are any of the following indicators present: A1, A2, A3, A4, A5, A7, A8, A9, S4, F2? Yes No (If yes, then hydrologic indicator §62-340.500(8) or (11) is met)
- c) Is one or more of the hydrologic indicators in §62-340.500, F.A.C. present at the described point? (See #23) Yes No
- d) Are the D Test criteria met per §62-340.300(2)(d), F.A.C. at the described point? Yes No (Note: If yes to 27a and yes to either 27b or 27c, D Test criteria may be met)
- e) Are there any alterations or conditions affecting reliable application of the D Test such that the Altered Sites Test is more appropriate? Yes No

28. Altered Sites Tests §62-340.300(3), F.A.C. (Legal/Authorized or Illegal/Unauthorized)

For purposes of Chapter 62-340, F.A.C. altered refers to any natural or man-induced condition(s) which masks or eliminates reliable expression of wetland indicators (i.e. hydrophytic vegetation, hydric soils, and hydrologic indicators). Unaltered or normal does not require a natural condition, only an expression of wetland indicators that is sufficient to reliably identify or delineate the wetland using the criteria in §62-340.300, F.A.C.

Are alterations affecting normal wetland condition? Yes No (skip to #32) Evaluation Impossible (skip to #32)

29. Authorized or Legally Altered Vegetation and Soils Test Criteria §62-340.300(3)(a), F.A.C.

- a) Are there authorized or legal alterations affecting reliable expression of vegetation at the described point?
 Yes No If yes, how?
- b) Are there authorized or legal alterations affecting reliable soil evaluation at the described point? Yes No If yes, how? (If no to both 29a and 29b, skip to #30)
- c) If yes to 29a or 29b, which criteria tests are affected by the legal alterations? A Test B Test C Test D Test
- d) Using the most reliable available information and reasonable scientific judgment, would the types of evidence and characteristics contemplated in §62-340.300, F.A.C. identify or delineate the described point as a wetland with cessation of the legal altering activities? Yes No If no, why? (If no, skip to #30)
- e) If yes to 29d, what §62-340.300, F.A.C. evidence is present now and/or will be present in the future with cessation of legal altering activities? Plants Soils Hydrologic indicators
- f) If yes to 29d, which tests would be passed with cessation of legal altering activities?
 Wetland Definition A Test B Test C Test D Test **Why?**

30. Authorized or Legally Altered Hydrology Test Criteria §62-340.300(3)(b), F.A.C.

- a) Has wetland hydrology of the area been **legally** drained or lowered? Yes No (*If no, skip to #31*)
If yes, how?
- b) Has wetland hydrology been **legally** eliminated at the described point? Yes No (*If no, skip to #31*)
- c) If yes to 30b, using reasonable scientific judgment or §62-340.550, F.A.C., have dredging or filling activities authorized by **Part IV of Chapter 373, F.S. permanently eliminated** wetland hydrology at the described point such that the wetland definition cannot be met? Yes (point is upland) No (*If yes, skip to #31*)
Chapter 373, F.S. Part II activities (e.g., water use permits) or other temporary hydrologic alterations (e.g., surface water pumps, drought) do not apply to this or any other Ch. 62-340, F.A.C. determinations.
- d) If no to 30c, what §62-340.300, F.A.C. evidence is present now and/or will be present in the future with cessation of temporary hydrologic drainage? Plants Soils Hydrologic indicators
- e) If no to 30c, Which tests would be passed with cessation of temporary hydrologic alterations?
 Wetland Definition A Test B Test C Test D Test

Why?**31. Unauthorized or Illegally Altered Sites Test Criteria §62-340.300(3)(c), F.A.C.**

If the altering activity is a violation of regulatory requirements, then application of §62-340.300(3)(c), F.A.C. and all provisions of Chapter 62-340, F.A.C. are utilized to identify or delineate the wetland in a forensic manner.

This identification or delineation reflects the condition immediately prior to the unauthorized alteration.

- a) Have any **unauthorized** alterations affected the normal wetland condition at the described point? Yes No
If yes, how? (*If no, skip to #32*)
- b) If yes to 31a, which criteria tests are affected by the unauthorized alterations?
 A Test B Test
 C Test D Test
- c) With reasonable scientific judgment is the described point a wetland, or would it have been a wetland immediately prior to the unauthorized alteration? Yes No If no, why? (*If no, skip to #32*)
- d) If yes to 31c, what §62-340.300, F.A.C. evidence is present now and/or was present immediately prior to the unauthorized alteration? Plants Soils Hydrologic indicators
- e) If yes to 31c, which tests would be passed immediately prior to the unauthorized alteration?
 Wetland Definition A Test B Test C Test D Test

Why?**32. Wetland and Other Surface Water Summary §62-340.600(2)(a-e), F.A.C.:**

Given **normal** expression, **cessation** of **authorized** alterations, or **immediately prior** to any **unauthorized** alterations:

- a) With **reasonable scientific judgment** is the described point a wetland as defined in §62-340.200(19), F.A.C. and located by Ch. 62-340, F.A.C.? Yes No If yes, which criteria identified or delineated the wetland?
 Wetland Definition A Test B Test C Test D Test
If summary answers differ from answers in 25f, 25g, 26d, or 27d, why?
- b) Is the described point located at or within the Mean High Water Line of a tidal water body?
 Yes No MHWL Unknown
- c) Is the described point located at or within the Ordinary High Water Line of a non-tidal natural water body or natural watercourse? Yes No
- d) Is the described point located at or within the top of the bank of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes of 1 foot vertical to 4 feet horizontal or steeper, excluding spoil banks when the canals and ditches have resulted from excavation into the ground? Yes No
- e) Is the described point located at or within the Seasonal High Water Line of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes flatter than 1 foot vertical to 4 feet horizontal or an artificial water body created by diking or impoundment above the ground? Yes No

33. Connection or Isolation of Wetland per Applicant's Handbook Vol.1 Section 2.0

If the described point is a wetland, does it have a connection via wetlands or other surface waters, or is it wholly surrounded by uplands and therefore isolated? Connected Isolated N/A (Point is not wetland)

Notes:



Heather McClurg, C.W.E.

Helpful Definitions for Applying Ch 62-340, F.A.C.

¹RSJ stands for Reasonable Scientific Judgment where used throughout this Data Form (See *The Florida Wetlands Delineation Manual* pg. 2 & 12)

²HSTS stands for Hydric Soils Technical Standard (See NRCS Hydric Soils Technical Note 11)

Definition from §62.340.200(19) Florida Administrative Code

"Wetlands," as defined in subsection 373.019(17), F.S., means those areas that are inundated or saturated by surface water or ground water at a frequency and a duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. Soils present in wetlands generally are classified as hydric or alluvial, or possess characteristics that are associated with reducing soil conditions. The prevalent vegetation in wetlands generally consists of facultative or obligate hydrophytic macrophytes that are typically adapted to areas having soil conditions described above. These species, due to morphological, physiological, or reproductive adaptations, have the ability to grow, reproduce or persist in aquatic environments or anaerobic soil conditions. Florida wetlands generally include swamps, marshes, bayheads, bogs, cypress domes and strands, sloughs, wet prairies, riverine swamps and marshes, hydric seepage slopes, tidal marshes, mangrove swamps and other similar areas. Florida wetlands generally do not include longleaf or slash pine flatwoods with an understory dominated by saw palmetto.

Definition from §373.019(19) Florida Statutes

"Surface water" means water upon the surface of the earth, whether contained in bounds created naturally or artificially or diffused. Water from natural springs shall be classified as surface water when it exits from the spring onto the earth's surface.

Definition from §373.019(14) Florida Statutes

"Other watercourse" means any canal, ditch, or other artificial watercourse in which water usually flows in a defined bed or channel. It is not essential that the flowing be uniform or uninterrupted.

Definition from §62.340.200(15) Florida Administrative Code

"Seasonal High Water" means the elevation to which the ground and surface water can be expected to rise due to a normal wet season.

From The Florida Wetlands Delineation Manual pg. 37

Ordinary high water is that point on the slope or bank where the surface water from the water body ceases to exert a dominant influence on the character of the surrounding vegetation and soils. The OHWL frequently encompasses areas dominated by non-listed vegetation and non-hydric soils. When the OHWL is not at a wetland edge, the general view of the area may present an "upland" appearance.

Definition from §403.803(14) Florida Statutes

"Swale" means a manmade trench which:

- (a) Has a top width-to-depth ratio of the cross-section equal to or greater than 6:1, or side slopes equal to or greater than 3 feet horizontal to 1 foot vertical;
 - (b) Contains contiguous areas of standing or flowing water only following a rainfall event;
 - (c) Is planted with or has stabilized vegetation suitable for soil stabilization, stormwater treatment, and nutrient uptake; and
- Is designed to take into account the soil erodibility, soil percolation, slope, slope length, and drainage area so as to prevent erosion and reduce pollutant concentration of any discharge.

34. Photographs and/or videos: Soil profile with Data Form, Soil profile close-up, Cross section(s) at 6" depth for sandy textures and/or critical depths for fine textures, Hydric soil indicators, Water table or inundation depth, Four cardinal directions of plant strata present, Hydrologic indicators (with scale as necessary), Critical plant ID (optional)

1. Description: Soil Profile.



2. Description: Horizon: 1. Depth: 6 inches.



3. Description: Facing N



Upland
9/21/22 9:52 AM

4. Description: Facing W



Upland
9/21/22 9:52 AM

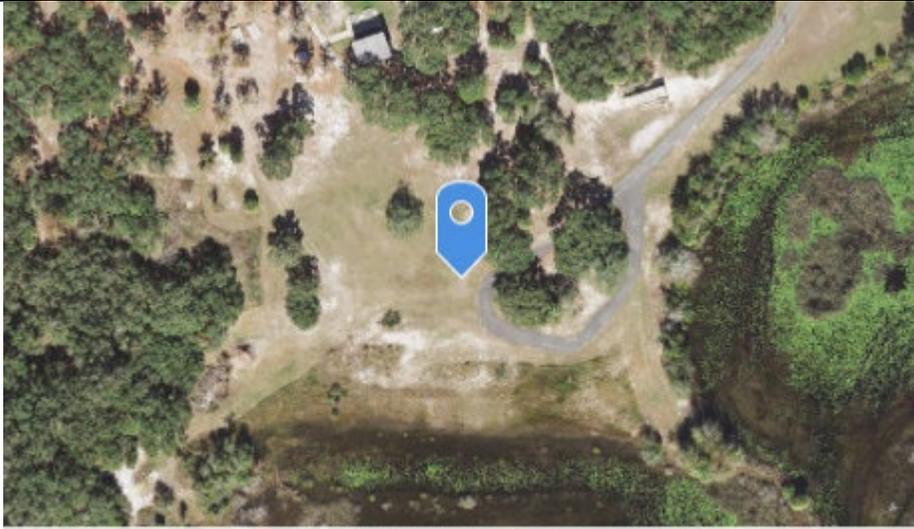
5. Description: Facing S



6. Description: Facing E



Approximate Data Form Point Location



State of Florida, Maxar, Microsoft | Esri Community Maps Contr... Powered by Esri



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

January 2, 2018

Hernando County
c/o Clay Black
1525 East Jefferson Street
Brooksville, FL 34601
cblack@co.hernando.fl.us

File No.: 27-0359463-001-EE, Hernando County

Dear Mr. Black:

On December 6, 2017, we received your request for verification of exemption to perform the following activity:

Maintenance dredge approximately 3,081 cubic yards of sediments from a previously-dredged channel within Hunters Lake, a Class III Florida Waterbody. The project is located waterward of 6018 Applegate Drive, Spring Hill, Section 32, Township 23 South, Range 17 East, Hernando County.

Your request has been reviewed to determine whether it qualifies for (1) regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project qualifies for all three. However, this letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

If you have any questions regarding this matter, please contact Brandon Miller via email at Michael.B.Miller@dep.state.fl.us or by phone at 813-470-5742.

1. Regulatory Review –Verified

Based on the information submitted, the Department has verified that the activity as proposed is exempt, under Chapter 62-330.051(7)(a), Florida Administrative Code, from the need to obtain a regulatory permit under Part IV of Chapter 373 of the Florida Statutes.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

2. Proprietary Review - Not Required

The activity does not appear to be located on sovereign submerged lands, and does not require further authorization under chapter 253 of the Florida Statutes, or chapters 18-20 or 18-21 of the Florida Administrative Code.

3. Federal Review - SPGP Approved

Your proposed activity as outlined in your application and attached drawings qualifies for federal authorization pursuant to the State Programmatic General Permit V, and a **SEPARATE** permit or authorization **will not be required** from the Corps. Please note that the federal authorization expires on July 26, 2021. However, your authorization may remain in effect for up to 1 additional year, if provisions of Special Condition B.27 of the SPGP V permit instrument are met. You, as permittee, are required to adhere to all General Conditions and Special Conditions that may apply to your project. Special conditions required for your project are attached. A copy of the SPGP V with all terms and conditions and the General Conditions may be found online in the Jacksonville District Regulatory Division Sourcebook.

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

Notice of Rights

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any email address, any facsimile number, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when the order is filed with the Clerk of the Department.

Judicial Review

Any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, M.S. 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the

applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Sincerely,



Anthony Pidala
Environmental Consultant
Permitting and Waste Cleanup Program
Southwest District

Enclosures:

Ch. 62-330.051(7)(a), F.A.C. and Section 403.813(1)(f), F.S.
Special Conditions Related to All Review and Authorizations
General Conditions for Federal Authorization for SPGP V
Department of the Army Permit Transfer for SPGP V

Attachments:

Project Drawings

cc:

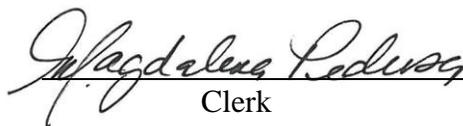
Brandon Miller, DEP Southwest District, Michael.B.Miller@dep.state.fl.us
DEP Southwest, SW_ERP@dep.state.fl.us

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this determination, including all copies, was mailed before the close of business on January 2, 2018, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to 120.52(7),
Florida Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged.


Clerk

January 2, 2018
Date

62-330.051(7)(a), F.A.C.

(a) Maintenance dredging under Section 403.813(1)(f), F.S.

403.813(1)(f), F.S.

(f) The performance of maintenance dredging of existing manmade canals, channels, intake and discharge structures, and previously dredged portions of natural water bodies within drainage rights-of-way or drainage easements which have been recorded in the public records of the county, where the spoil material is to be removed and deposited on a self-contained, upland spoil site which will prevent the escape of the spoil material into the waters of the state, provided that no more dredging is to be performed than is necessary to restore the canals, channels, and intake and discharge structures, and previously dredged portions of natural water bodies, to original design specifications or configurations, provided that the work is conducted in compliance with s. [379.2431](#)(2)(d), provided that no significant impacts occur to previously undisturbed natural areas, and provided that control devices for return flow and best management practices for erosion and sediment control are utilized to prevent bank erosion and scouring and to prevent turbidity, dredged material, and toxic or deleterious substances from discharging into adjacent waters during maintenance dredging. Further, for maintenance dredging of previously dredged portions of natural water bodies within recorded drainage rights-of-way or drainage easements, an entity that seeks an exemption must notify the department or water management district, as applicable, at least 30 days prior to dredging and provide documentation of original design specifications or configurations where such exist. This exemption applies to all canals and previously dredged portions of natural water bodies within recorded drainage rights-of-way or drainage easements constructed prior to April 3, 1970, and to those canals and previously dredged portions of natural water bodies constructed on or after April 3, 1970, pursuant to all necessary state permits. This exemption does not apply to the removal of a natural or manmade barrier separating a canal or canal system from adjacent waters. When no previous permit has been issued by the Board of Trustees of the Internal Improvement Trust Fund or the United States Army Corps of Engineers for construction or maintenance dredging of the existing manmade canal or intake or discharge structure, such maintenance dredging shall be limited to a depth of no more than 5 feet below mean low water. The Board of Trustees of the Internal Improvement Trust Fund may fix and recover from the permittee an amount equal to the difference between the fair market value and the actual cost of the maintenance dredging for material removed during such maintenance dredging. However, no charge shall be exacted by the state for material removed during such maintenance dredging by a public port authority. The removing party may subsequently sell such material; however, proceeds from such sale that exceed the costs of maintenance dredging shall be remitted to the state and deposited in the Internal Improvement Trust Fund.

Special Conditions Related to All Review and Authorizations

In addition to the conditions specified above, the following Special Conditions apply to all projects reviewed and/or authorized under the SPGP V.

1. The District Engineer reserves the right to require that any request for authorization under this SPGP V be evaluated as an Individual Permit. Conformance with the terms and conditions of the SPGP V does not automatically guarantee Federal authorization.
2. On a case-by-case basis the Corps may impose additional Special Conditions which are deemed necessary to minimize adverse environmental impacts.
3. Failure to comply with all conditions of the Federal authorizations under the SPGP V would constitute a violation of the Federal authorization.
4. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Applicant/Permittee or other party on the Applicant's/Permittee's behalf, shall conduct a search of known historical properties by contracting a professional archaeologist, and contacting the Florida Master Site File at 850-245-6440 or SiteFile@dos.state.fl.us. The Applicant/Permittee can also research sites in the National Register Information System (NRIS). Information can be found at <http://www.cr.nps.gov/nr/research>.
 - a. If, during the initial ground disturbing activities and construction work, there are archaeological/cultural materials unearthed (which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work in the vicinity and notify the Compliance and Review staff of the State Historic Preservation Office at 850-245-6333 and the Corps Regulatory Project Manager to assess the significance of the discovery and devise appropriate actions, including salvage operations. Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7.
 - b. In the unlikely event that human remains are identified, they will be treated in accordance with Section 872.05, Florida Statutes; all work in the vicinity shall immediately cease and the local law authority, the State Archaeologist (850-245-6444), and the Corps Regulatory Project Manager shall immediately be notified. Such activity shall not resume unless specifically authorized by the State Archaeologist and the Corps.
5. No work shall be authorized under the SPGP V which proposes the use of prefabricated modules for habitat creation, restoration, or enhancement except as allowed in Special Condition 15 for *Living Shorelines* of the *Shoreline Stabilization* category.
6. The Design and construction of a Project must comply with the following.
 - a. Where aquatic vegetation is present, adverse impacts to aquatic vegetation from construction of piling-supported structures may be avoided/minimized by adherence to, or employing alternative

construction techniques that provide a higher level of protection than, the protective criteria in the joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "*Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat*" U.S. Army Corps of Engineers/National Marine Fisheries Service August 2001 (updated June 2008). Unless otherwise specifically approved by the National Marine Fisheries Service, where aquatic vegetation is present, piling-supported structures authorized under the SPGP V must comply with, or provide a higher level of protection than, the criteria contained in the referenced construction guidelines. Mangrove impacts are limited to the removal of mangroves along 4 linear feet of shoreline to accommodate a 4-ft-wide access walkway associated with a dock that meets the above guidelines.

b. Additionally, because of concerns about adverse impacts to the endangered Johnson's seagrass (*Halophila johnsonii*) in the lagoon and canal systems on Florida's east coast from Sebastian Inlet (Brevard County) south to and including central Biscayne Bay (Miami-Dade County), the following requirements must be met:

(1) Piling-supported structures must comply with, or provide a higher level of protection than, the criteria contained in the construction guidelines titled "*Key for Construction Conditions for Docks or Other Minor Structures Constructed in or Over Johnson's seagrass (Halophila johnsonii)*" National Marine Fisheries Service/U.S. Army Corps of Engineers - February 2002 (updated October 2002)."

(2) Removal of derelict vessels must comply with the practices of Special Condition 18.

(3) All other activities will have no effect on Johnson's seagrass, i.e., no seagrass is present.

c. The presence of seagrass will be determined utilizing the attached "*Submerged Aquatic Vegetation Survey Guidelines*".

7. For projects in waters accessible to sea turtles, Smalltooth sawfish, Gulf sturgeon, or Shortnose sturgeon, the Permittee will utilize the "*Sea Turtle and Smalltooth Sawfish Construction Conditions*" and the following additions:

a. Any collision(s) with and/or injuries to any whale, or sturgeon occurring during the construction of a project, shall be reported immediately to NMFS's Protected Resources Division (PRD) at (727-824-5312).

b. Reports to NMFS's Protected Resources Division (PRD) may be made by email to takereport.nmfsser@noaa.gov.

c. Sea turtle and marine mammal stranding/rescue organizations' contact information is available by region at <http://www.nmfs.noaa.gov/pr/health/networks.htm>.

d. Smalltooth sawfish encounters shall be reported to <http://www.flmnh.ufl.edu/fish/sharks/sawfish/sawfishencounters.html>.

e. All work must occur during daylight hours.

8. The Permittee is responsible for obtaining any "take" permits required under the U.S. Fish and Wildlife Service's regulations governing compliance with the Migratory Bird Treaty Act or the Bald and Golden Eagle Protection Act. The Permittee should contact the appropriate local office of the U.S. Fish and Wildlife Service to determine if such "take" permits are required for a particular activity.

9. The Permittee is responsible for compliance with 50 CFR 224.103(c) prohibiting approach within 500 yards of a right whale, with limited exceptions.

10. Turbidity control measures shall be used throughout construction to control erosion and siltation to ensure there are no violations of state or federal water quality standards. Turbidity control measures shall be: (1) for the smallest practicable area; (2) monitored daily to ensure listed species are not entangled or trapped in the project area; (3) shall be removed promptly upon project completion and the return of water quality conditions; (4) and shall not block entry to or exit from designated critical habitat. Siltation barriers shall be made of material in which listed species cannot become entangled (i.e., reinforced impermeable polycarbonate vinyl fabric [PVC]).

a. Turbidity curtains are not required where not practical in dynamic systems such as surf zones and could actually do more harm than good if the curtains become detached (e.g., they could entrap pelagic organisms and become entangled around benthic organisms, such as coral).

b. Turbidity barriers are not required if installation of single piling in deep water since is unlikely to adversely affect water quality.

11. In-water rope or chain must meet the following requirements: Industrial grade metal

chains or heavy cables that do not readily loop and tangle; All in-water lines (rope and cable) must be thick and taut and cannot have excess line in the water; Lines can be enclosed in a plastic or rubber sleeve/tube to add rigidity.

12. No work shall occur where hard bottom or any hard or coral including ESA-listed coral species are present within the footprint of the project.

13. No work shall occur that results in removal of mangroves (including prop roots), except:

a. as provided by Special Condition 6.a.; or,

b. for removal of mangroves growing at the foot or from an existing seawall whose removal needed to repair the seawall.

14. No work shall occur that results in impacts to seagrass except as provided by Special Condition 6.

15. (For *Docks, Piers, Associated Facilities, and Other Minor Piling-Supported Structures and Boat Ramps and Boat Launch Areas and Structures Associated with Such Ramps or Launch Areas.*)

a. Aids to Navigation and Private Aids to Navigation (e.g. attached to the structures authorized by the SPGP) must be approved by and installed in accordance with U.S. Coast Guard requirements.

b. Temporary structures associated with marine events will be removed and the site restored upon completion of the event.

c. (For *multi-family residential docks (e.g., condos, trailer parks, apartment complexes) designated for fishing or vessel storage, for temporary marine event pile-supported structures involving high speed vessel traffic or fishing, and for commercial or public boat ramps.*) Install educational signs as follows in a visible location to alert boaters of listed species in the area susceptible to vessel strikes or hook-and-line captures. NMFS website (http://sero.nmfs.noaa.gov/protected_resources/section_7/protected_species_educational_signs/index.html) provides sign installation guidance and most current version of the signs.

(1) All commercial and public boat ramps shall install the Save Sea Turtle, Sawfish, and Dolphin sign.

(2) If the Project occurs within the range of Gulf, Atlantic, or Shortnose sturgeon, the Permittee will install and maintain the *Report Sturgeon* sign.

(3) If the Project occurs within 14 miles of North Atlantic Right Whale critical habitat, the Permittee will install and maintain the *Help Protect North Atlantic Right Whales* sign.

d. Project construction will take place from uplands or from floating equipment (e.g., barge); prop or wheel-washing is prohibited.

16. (For *Transient activities*.)

a. Temporary structures shall not block access of species to an area such as preventing movement in or out of a river or channel.

b. (For *scientific sampling, measurement, and monitoring devices*.) No later than 24 months from initial installation, or upon completion of data acquisition, whichever comes first, the measuring device and any other structure or fills associated with that device (e.g., anchors, buoys, lines) must be removed and the site must be restored to pre-construction elevations.

17. (For *Living Shorelines* of the *Shoreline Stabilization category*.)

a. Only native plant species will be planted.

b. Not more than 500 linear feet in length, not more than 35 ft waterward of the hightide line.(note that FAC 62-330 limits to 10 feet of the mean high water line) or result in more than 0.5 ac area between the natural shoreline and the structure.

c. No discharge of earthen fill material, other than earthen material associated with vegetative planting, is not authorized.

d. Construction, maintenance and removal of approved permanent, shore-parallel wave attenuation structures are authorized. Approved permanent wave attenuation materials include oyster breakwaters (described above), clean limestone boulders, and prefabricated structures made of concrete and rebar that are designed in a manner that cannot trap sea turtles, Smalltooth sawfish, or sturgeon. Reef balls that are not open on the bottom, triangle structures with a top opening of at least 3 feet between structures, and reef discs stacked on a pile may be used.

e. (For oyster breakwaters).

(1) Reef materials shall be placed in a manner to ensure that materials (e.g., bagged oyster shell, oyster mats, loose cultch surrounded and contained by a stabilizing feature, reef balls, and reef cradles) will remain stable and prevent movement of materials to surrounding areas.

(2) Materials must be placed in designated locations (i.e., shall not be indiscriminately/randomly dumped) and shall not be placed outside of the total project limits.

18. (For *Subaqueous Utility Lines* of the *Transient Activities category*.)

a. A Frac-out Contingency Plan similar to the attached plan will be developed, submitted with the application and then followed.

b. All subaqueous transmission lines crossing over, under, or in flood control channels/canals in Federal projects (either federally or locally maintained) which are installed with horizontal direction drilling (HDD) shall ensure the top of the HDD boring is a minimum of 10 feet beneath the bottom of the channel plus a minimum 25 feet outside the channel edges and the estimated total drilling fluid pressure is less than 10 psi. Projects not in compliance with these criteria shall not be eligible for authorization under SPGP V.

c. The Permittee shall, upon completion of work, provide an as-built survey showing the horizontal and vertical location (X-Y-Z coordinates in NAD 83 and NAVD 88) of the object below the channel as it enters and exits the design edges of the authorized width of the channel, plus a minimum of 25 feet outside the channel edges.

19. (For Removal of Derelict Vessels of the Transient Activities category.)

a. Removal of marine debris shall require visual confirmation (e.g., divers, swimmers, camera) that the item can be removed without causing further damage to aquatic resources.

b. If an item cannot be removed without causing harm to surrounding coral, the item will be disassembled as much as practicable so that it no longer can accidentally harm or trap species.

c. Monofilament debris will be carefully cut loose from coral so as not to cause further harm. Under no circumstance will line be pulled through coral since this could cause breakage of coral.

d. Marine debris shall be lifted straight up and not be dragged through seagrass beds, coral, or hard bottom habitats. Debris shall be properly disposed of in appropriate facilities in accordance with applicable federal and state requirements.

20. For concrete piles installed by impact hammer:

a. The piles will be less than or equal to than 24 inches in diameter; and

b. Not more than 10 piles will be installed per day if in open water; or,

c. Not more than 5 piles will be installed per day in a *confined space*. A *confined space* is defined as any area that has a solid object (e.g., shoreline, seawall, jetty) or structure within 150 feet of the pile installation site that would effectively serve as a barrier or otherwise prevent animals from moving past it to exit the area. This does not include objects such as docks or other pile-supported structures that would not stop animal movement or significantly reflect noise.

21. Metal piles will NOT be installed by impact hammer.

22. Projects within the boundary of the NOAA Florida Keys National Marine Sanctuary require prior approval from the Sanctuary.

23. The Permittee shall use only clean fill material. The fill material shall be upland sources and be free of items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

24. No blasting is authorized.

25. For Projects authorized under this SPGP V in navigable waters of the U.S., the Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or

his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

26. The SPGP V will be valid for five (5) years from the date of issuance unless suspended or revoked by issuance of a public notice by the District Engineer. The Corps, in conjunction with the Federal resource agencies, will conduct periodic reviews to ensure that continuation of the permit during the five-year authorization period is not contrary to the public interest. If revocation occurs, all future applications for activities covered by the SPGP V will be evaluated by the Corps.

27. If the SPGP V expires or is revoked prior to completion of the authorized work, authorization of activities which have commenced or are under contract to commence in reliance upon the SPGP V will remain in effect provided the activity is completed within twelve (12) months of the date the SPGP V expired or was revoked.

28. The General Conditions attached hereto are made a part of this SPGP V and must be attached to all authorizations processed under this SPGP V.

General Conditions for Federal Authorization for SPGP V

1. The time limit for completing the work authorized ends on July 26, 2021.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner on the enclosed form and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Further Information:

1. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal projects.
2. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

- d. Design or Construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

3. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

4. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 3 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

5. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CER 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date the enclosed form.

7. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal, relocation or alteration.

Department of the Army Permit Transfer for SPGP V

PERMITEE: _____

PERMIT NUMBER: _____ DATE: _____

ADDRESS/LOCATION OF PROJECT:

(Subdivision)

(Lot)

(Block)

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

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

(Transferee Signature)

(Date)

(Name Printed)

(Street address)

(Mailing address)

(City, State, Zip Code)

memorandum

date December 30, 2025
to Ha Nguyen, Project Manager - Florida Fish & Wildlife Conservation Commission
cc
from Environmental Science Associates (ESA)
subject Jenkins Creek Dredging and Shoreline Stabilization Project 9810.081
FWC Contract No. 19160, Task Assignment No. 21
Task 3.2 – 2025 Sediment Analyses Summary Memorandum

Sincerely,

ESA



Bryan D. Flynn
Bryan D. Flynn, PE
Environmental Restoration & Design Program Manager
813.207.7216



Tara Brenner
Tara Brenner, PG, PE
Senior Coastal Engineer
561.501.0757

List of Attachments

- A. Push Core Photographs
- B. Hammer Core Photographs
- C. Chemical Sediment Testing Results (Pace Analytical Services, LLC)
- D. Geotechnical Sediment Testing Results (Ardaman & Associates, Inc.)

Purpose

Environmental Science Associates (ESA) scientists and engineers performed sediment sampling in the Jenkins Creek spring head and spring run areas within Linda Pedersen Preserve in November 2025. ESA staff collected samples to characterize both the chemical and physical composition of sediments within the project area to inform the design, planning and permitting of potential creek dredging, streambank restoration efforts and beneficial dredge material reuse activities. This memorandum serves to document the sediment sampling activities performed and the resulting laboratory analyses.

Jenkins Creek is a Class III waterway in Hernando County on Florida’s west coast. The creek runs approximately 1.5 miles from the spring head out to the open Gulf waters and its waters are known to be frequented by manatees in cooler seasons. Shoal Line Boulevard (CR 597) crosses over the creek and provides land access to two parks: Linda Pederson Park is located east, and Jenkin’s Creek Park is to the west of the roadway. The parks provide recreational access to Jenkins Creek including kayak and boat launches, swimming area, and a fishing pier. The remainder of the creek shoreline is undeveloped coastal marsh.

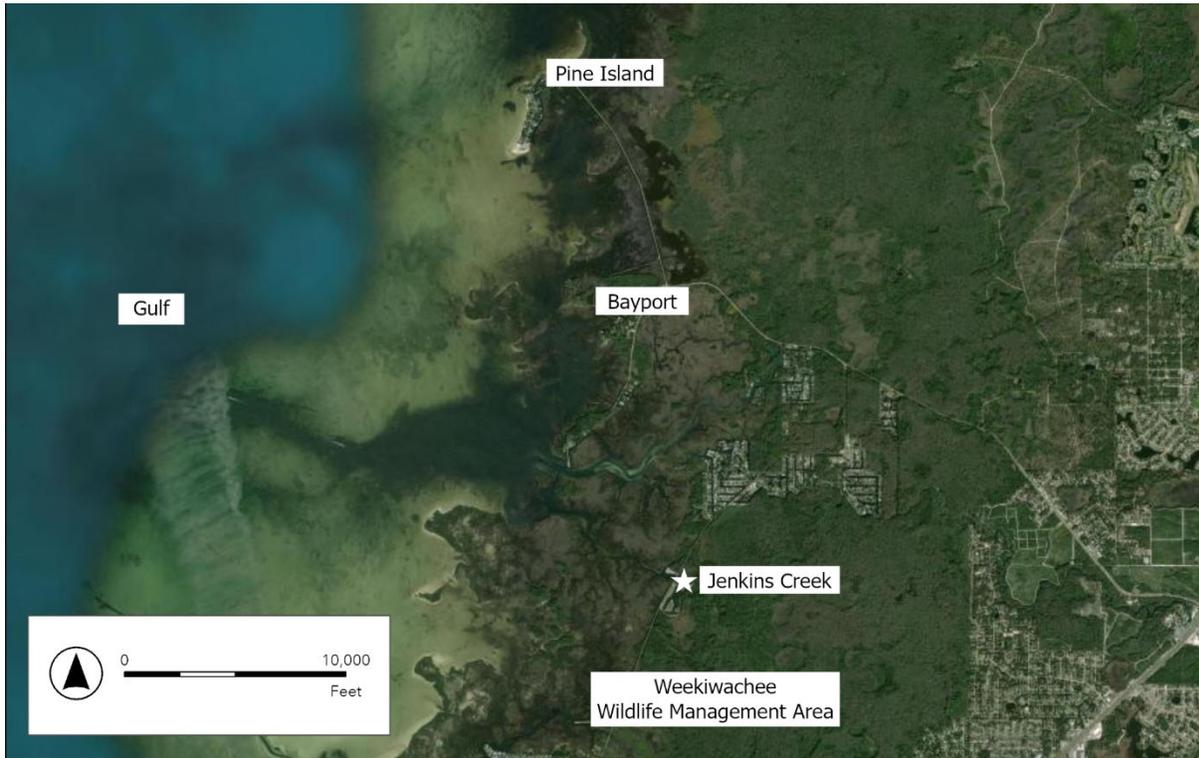


Figure 1 Study Area Overview

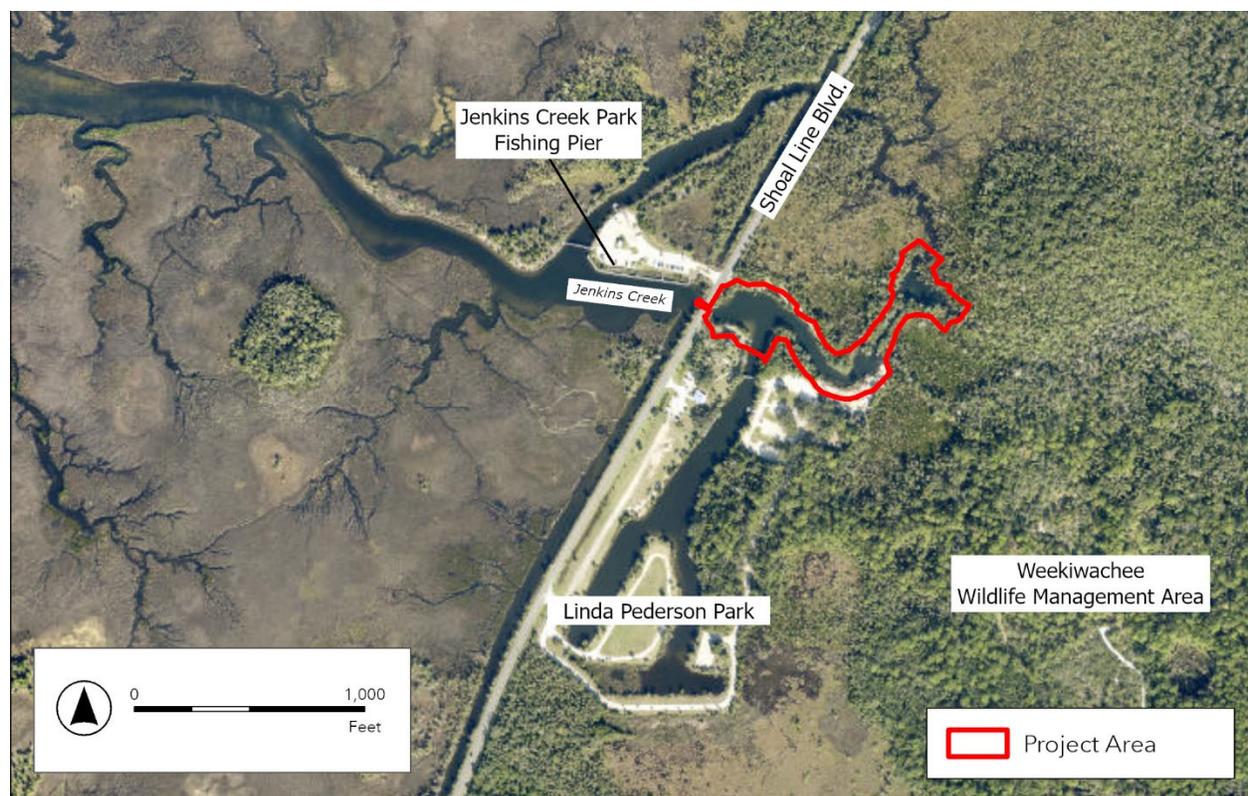


Figure 2 Study Area Detail

Sediment Sampling Methodology

In November 2025, ESA staff collected samples to characterize both the chemical and physical composition of soils within the project area at Jenkins Creek. Ten push core samples were collected on November 14th, 2025, and were the source of samples sent for chemical analyses. On November 19th, 2025, eight hammer core samples were collected and were the source of grab samples that were analyzed for moisture content and grain size distribution.

Push Cores

On November 14, 2025, ESA collected sediment samples from potential dredging areas utilizing push coring methods. The samples were collected at 10 discrete locations throughout the southern spring run west of Shoal Line Boulevard as shown in Figure 2. A representative field photo showing the typical sediment quality and thickness recovered is included as Figure 3 and photographs of each push core are provided in Attachment A. Note that some locations required multiple attempts as indicated by the A, B, C labeling within the field photographs. The push core samples were homogenized using a stainless-steel spoon sanitized between samples; then carefully transferred to glass jars wearing nitrile gloves. All samples were placed on ice (4 degrees C) and transported to the laboratory within 6 hours of collection. The preserved samples were transported to subcontractor Pace Analytical Services' laboratory where they underwent testing for the Resource Conservation and Recovery Act (RCRA) 8 Metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver.

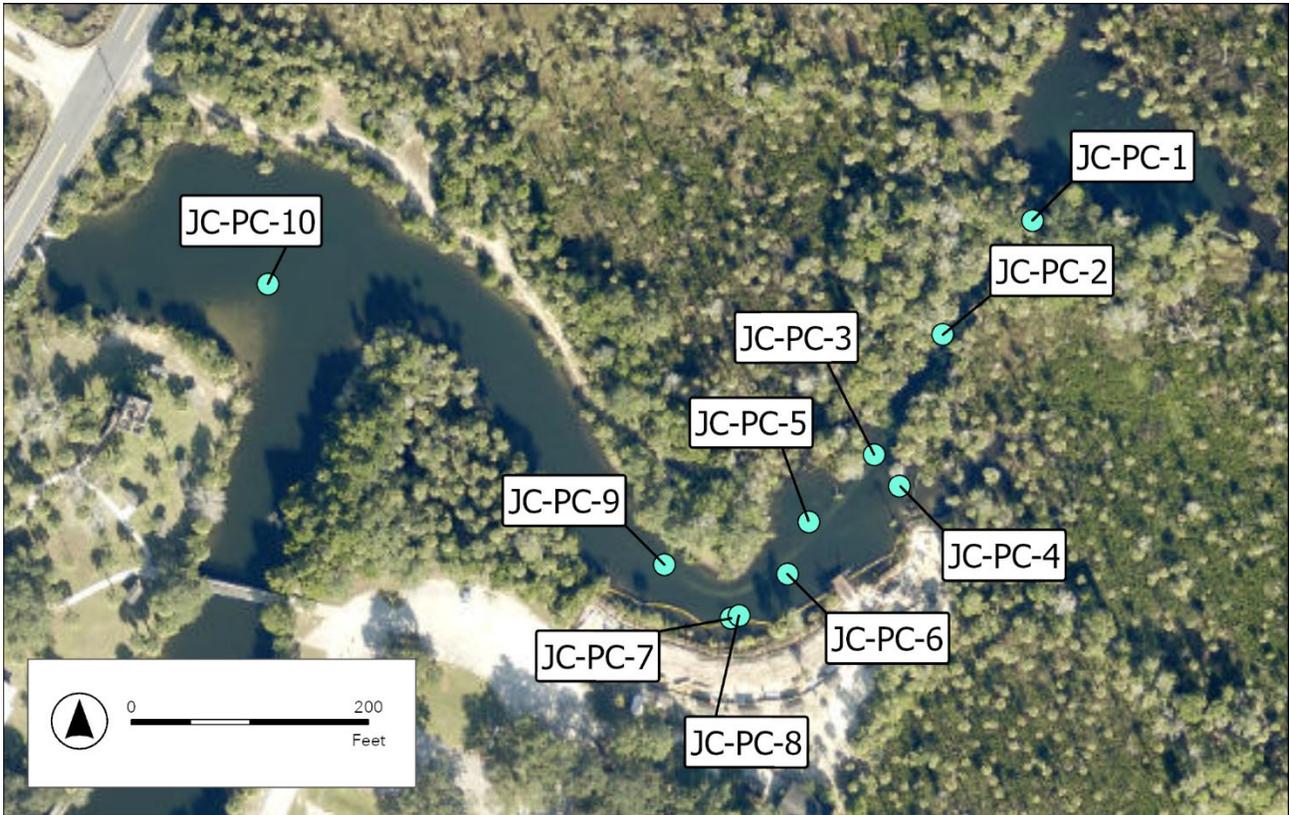


Figure 2 Push Core Sample Locations



Figure 3 Representative Photo of Push Core Field Collection

The sediment samples were also tested for volatile and semi-volatile organic compounds (VOCs & SVOCs). Elutriate testing was performed to determine if contaminants are present, whether they will resuspend in the water column during dredging. Toxicity Characteristic Leaching Procedure (TCLP) testing was also performed on the sediment samples to see if the contaminants would mobilize from the dredged material during dewatering and potentially impact the water table in the vicinity of the dewatering site, or the final resting site for the material. The presence of these contaminants will be the determining factor in whether the sediment can be beneficially reused to provide shoreline stability, or if the material needs to be disposed of in a landfill.

Hammer Cores

On November 19, 2025, ESA collected eight hammer cores throughout the study area as shown in Figure 4. Five cores were retrieved from the spring run and three were used to sample the streambanks. To obtain the sediment cores, a coring system utilizing a 30-pound impact hammer mounted on the top of a core barrel constructed of steel pipe and fitted with an internal plastic liner to contain the sediment core sample was used. The core barrel was manually driven into the bottom sediments and was retrieved for visual inspection of the recovered sediments. Core refusal was measured to occur where the core barrel was unable to penetrate further into the sediment and ranged from -2.0 to -10.1 ft. NAVD 88. Refusal can be the result of several conditions such as friction caused by the surrounding sediments or contact with limestone streambed materials.

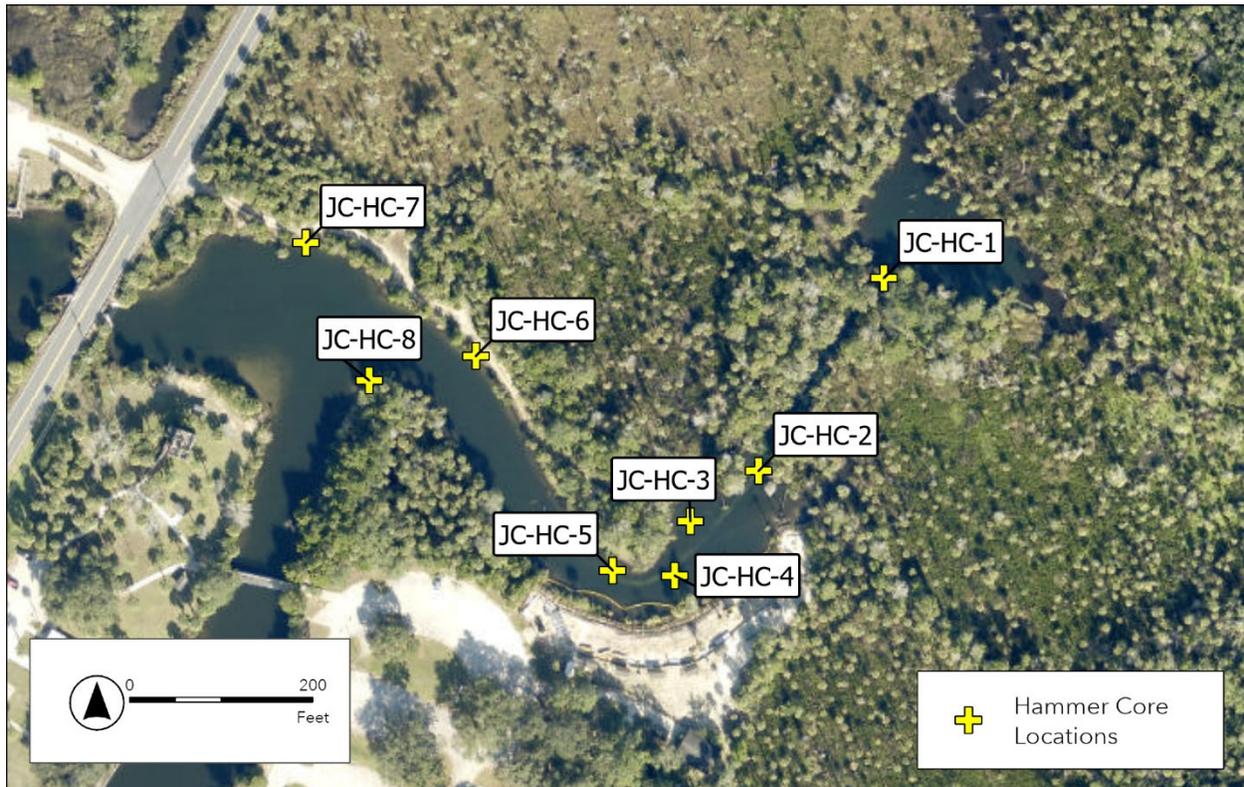


Figure 4 Hammer Core Sample Locations



Figure 5 Representative Photo of Hammer Core Field Collection

Sediment cores were split, visually inspected and sampled. A total of 16 representative samples were taken from unconsolidated material in the eight cores. Each sample was analyzed for grain size and moisture content by Ardaman & Associates’ certified geotechnical laboratory. Table 1 provides a summary of the hammer core observations including the blow count, refusal elevation, and consolidated material (rock) elevation.

**TABLE 1
 HAMMER CORE SUMMARY**

Core ID	Collection Time	# of Blows	Creek Bottom Elev. (ft, NAVD 88)	Core Refusal Elev. (ft, NAVD 88)	Unconsolidated Material Thickness (ft)	Visual Observations of Unconsolidated Material	Top of Consolidated Material Elev. (ft, NAVD 88)
JC-HC-1	10:45	49	-4.0	-5.6	1.4	sandy	-5.4
JC-HC-2	11:15	38	-3.7	-5.2	-4.1	sandy	-4.8
JC-HC-3	11:41	27	-3.9	-10.1	-9.0	sandy and organic	-10.1
JC-HC-4	11:57	30	-3.2	-6.8	-5.4	sandy and organic	-6.7
JC-HC-5	12:18	18	-3.0	-5.8	-5.1	organic	-5.6
JC-HC-6	12:41	40	-0.2	-3.5	-2.5	organic	-3.5
JC-HC-7	13:03	51	-0.2	-2.0	-1.0	organic	-2.0
JC-HC-8	13:25	35	-0.6	-2.0	-0.9	organic	-2.0

Laboratory Analyses

Chemical and geotechnical laboratory analyses were performed on the sediment samples collected in Jenkins Creek. The physical characteristics and the level of contamination of the bottom sediments will be important factors in the planning and feasibility analysis of dredging and beneficial reuse of materials for streambank stabilization. The contamination levels present will play a large role in determining costs, environmental impacts, and design options for both the dredging and material disposal. The results were compared to regulatory agency standards to assist in project planning.

Chemical Analyses

ESA collected ten sediment samples from potential dredging areas, which were preserved and transported to a lab where they underwent testing for the Resource Conservation and Recovery Act (RCRA) 8 Metals including Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver. The sediment samples were also tested for volatile and semi-volatile organic compounds (VOCs & SVOCs). Florida’s Department of Environmental Protection (FDEP) has established Cleanup Target Levels (CTLs) for anthropogenically contaminated groundwater and soils to protect human health in both residential and commercial settings. Groundwater Cleanup Target Levels (GCTLs) are determined using a lifetime excess cancer risk, which is defined as the amount of contaminant that must be consumed to result in a one in 1 million risk of cancer. Soil Cleanup Target Levels (SCTLs) are determined using a similar calculation. In this case, the levels are based on the soil acting as a source of contamination of groundwater or surface water through the process of leaching. Leaching is the process by which soluble constituents are transferred between two mediums. The SCTL describes the amount of contaminants necessary in a soil that, when leached into waters, will be equal to the GCTL standard (USEPA, 1996). SCTLs are typically higher because they reference effects in humans rather than effects in organisms.

Table 2 provides a summary of only those sediment analytical results that exceeded an applicable regulatory criterion and identifies which criterion was exceeded for each analyte/sample. For each sample ID and parameter, the table lists the test type (e.g., Elutriate, TCLP, or Total), the practical quantitation limit (PQL), the reported concentration and its units, and then the relevant comparison criteria from Florida Administrative Code (F.A.C.). Class III water-column criteria from FAC 62-302.530 are provided in mg/L (Fresh and Marine), while soil screening benchmarks from FAC 62-777 (Soil Cleanup Target Levels; SCTL) are provided in mg/kg for both residential and commercial scenarios. The “Max Concentration/Limit Ratio” column expresses the magnitude of exceedance as the reported concentration divided by the most restrictive applicable limit for that row. Blue shaded criterion cells indicate which specific limit was exceeded; “n/a” denotes that a given criterion does not apply to that test type. An asterisk denotes that the marine arsenic value shown reflects a threshold effect level (TEL) based limit (mg/kg).

Across the push-core sediment dataset, a total of 75 individual tests reported a compound above the PQL, and 24 of those tests had concentrations above the applicable F.A.C. threshold, including arsenic, chromium, mercury, and lead were detected above F.A.C. limits for Class III waters in this dataset.

**TABLE 2
 CHEMICAL TESTING EXCEEDANCE SUMMARY**

Sample ID	Parameter	Test Type	PQL	Reported Conc.	Units	Max Conc./ Limit Ratio	Class III Fresh Water Limit	Class III Marine Water Limit*	SCTL Residential	SCTL Commercial
JC-PC-1	Arsenic	TCLP	0.1	0.130	mg/L	2.6	0.05	0.05	n/a	n/a
	Chromium	Total	1.1	4.5	mg/kg	1.1	4.2	19	210	470
	Mercury	Total	0.037	0.05	mg/kg	5.0	0.01	0.03	3	17
	Arsenic	Total	2.2	124	mg/kg	59.0	n/a	41.6	2.1	12
JC-PC-2	Chromium	Total	0.44	4.4	mg/kg	1.0	4.2	19	210	470
	Lead	Elut.	0.01	0.033	mg/L	3.9	n/a	0.0085	n/a	n/a
	Arsenic	Total	0.87	3.3	mg/kg	1.6	n/a	41.6	2.1	12
JC-PC-3	Chromium	Total	0.45	4.4	mg/kg	1.0	4.2	19	210	470
	Arsenic	Total	0.9	2.9	mg/kg	1.4	n/a	41.6	2.1	12
JC-PC-4	Arsenic	Elut.	0.01	0.21	mg/L	4.2	0.05	0.05	n/a	n/a
	Arsenic	TCLP	0.1	0.16	mg/L	3.2	0.05	0.05	n/a	n/a
	Mercury	Total	0.018	0.044	mg/kg	4.4	0.01	0.03	3	17
	Arsenic	Total	1.3	40.4	mg/kg	19.2	n/a	41.6	2.1	12
JC-PC-5	Chromium	Total	0.61	6.9	mg/kg	1.6	4.2	19	210	470
	Mercury	Total	0.02	0.025	mg/kg	2.5	0.01	0.03	3	17
	Arsenic	Total	1.2	5.3	mg/kg	2.5	n/a	41.6	2.1	12
JC-PC-6	Chromium	Total	0.45	5.1	mg/kg	1.2	4.2	19	210	470
	Mercury	Total	0.012	0.017	mg/kg	1.7	0.01	0.03	3	17
	Arsenic	Total	0.91	9.7	mg/kg	4.6	n/a	41.6	2.1	12
JC-PC-8	Arsenic	Total	0.64	4.2	mg/kg	2.0	n/a	41.6	2.1	12
JC-PC-9	Chromium	Total	0.36	8.1	mg/kg	1.9	4.2	19	210	470
	Mercury	Total	0.011	0.012	mg/kg	1.2	0.01	0.03	3	17
	Arsenic	Total	0.73	3.1	mg/kg	1.5	n/a	41.6	2.1	12
JC-PC-10	Chromium	Total	0.3	5.4	mg/kg	1.3	4.2	19	210	470

- Notes: 1) Only results above applicable F.A.C. criteria are shown in this exceedance summary
 2) Conc. = Concentration
 3) Elut. = Elutriate
 4) Sample IDs were updated from JC# to JC-PC-# to indicate that sediment originated from push cores and for report clarity

Across the push-core sediment dataset, the exceedance table shows 24 flagged results spanning nine of the ten sampling locations (JC-PC-1, -2, -3, -4, -5, -6, -8, -9, and -10) and primarily involving arsenic, chromium, and mercury, with a single lead exceedance. Exceedances occur in both leaching-based tests (TCLP / Elutriate; mg/L) and bulk sediment results (Total; mg/kg). The “Max Concentration/Limit Ratio” indicates that exceedance magnitude ranges from ~1× (borderline) up to ~59× above the most restrictive applicable criterion.

Arsenic is the dominant exceedance in terms of severity and frequency. In leachate-style testing, arsenic TCLP results (0.13 mg/L at JC-PC-1 and 0.16 mg/L at JC-PC-4) and an elutriate arsenic result (0.21 mg/L at JC-PC-4) exceed the applicable water-column criterion (0.05 mg/L) for both fresh and marine waters, producing ratios of roughly 2.6× to 4.2×. In Total (mg/kg), arsenic concentrations range from ~2.9 to 124 mg/kg, with multiple exceedances of the SCTL Residential value (2.1 mg/kg) and at least one

clearly elevated result (40.4 mg/kg) that also exceeds the SCTL Commercial value (12 mg/kg); the highest observed ratio (~59×) relative to the residential benchmark corresponds to the 124 mg/kg arsenic at JC-PC-1.

For the other analytes, exceedances are generally lower magnitude but recurrent. Chromium (Total) is consistently just above the Fresh Water limit (4.2) across multiple samples (typically ~4.4–8.1 mg/kg), yielding ratios around ~1.0× to 1.9×. Mercury (Total) ranges from ~0.012 to 0.05 mg/kg and exceeds the Fresh Water criterion (0.01) in several samples, with ratios up to ~5×, while remaining well below the SCTL values shown. Lead appears as a single Elutriate exceedance (0.033 mg/L) relative to the applicable limit (0.0085 mg/L), about ~3.9× over, at JC-PC-2. Overall, the exceedance pattern is characterized by widespread arsenic exceedances (and the largest ratios), with chromium and mercury showing repeated, lower-magnitude exceedances across several samples.

Additionally, acetone, barium, benzene, cadmium, and carbon disulfide were detected above their PQLs but none exceeded the applicable regulatory limits. Acetone was detected in Total sediment (mg/kg) at JC-PC-1, -3, and -4, with reported concentrations of 0.0850–0.4100 mg/kg (PQL 0.07–0.31 mg/kg); all acetone detections were below the applicable SCTL-style criteria (Fresh/Marine = 6.8 mg/kg). Barium was detected in Elutriate (mg/L) at JC-PC-1–JC-PC-10 and a water sample, with concentrations ranging from 0.0179–0.0340 mg/L (PQL consistently 0.01 mg/L), and in Total (mg/kg) at JC-PC-1, -4, -6, -9, and -10 with concentrations of 0.7700–5.4000 mg/kg (PQL 0.59–2.2 mg/kg); these totals are well below the SCTL Residential/Commercial values shown (120 and 130,000 mg/kg). Benzene was detected in mg/L at JC10 (Elutriate) and JC5 and JC7 (TCLP) at 0.0012–0.0080 mg/L (PQL ~0.001 mg/L), all below the F.A.C. Class III Fresh/Marine limits shown (0.07128 mg/L). Cadmium was detected in Total (mg/kg) at JC-PC-1, -5, -6, -8, -9, and -10 at 0.0670–0.2400 mg/kg (PQL 0.059–0.22 mg/kg), remaining well below the SCTL Residential/Commercial values shown (82 and 1700 mg/kg). Carbon disulfide was detected in Total (mg/kg) at JC-PC-1, -3, -4, and -6 at 0.0073–0.0480 mg/kg (PQL 0.0070–0.031 mg/kg), and these detections are also well below the SCTL Residential/Commercial values shown (270 and 1500 mg/kg).

Acetone, carbon disulfide, and benzene detections may plausibly be influenced by incidental boating-related sources during field activities. These compounds can be associated with fuels and petroleum-related products commonly present in marine/boating settings (e.g., gasoline constituents such as benzene, fuel handling or minor spills, engine exhaust, and solvent-containing cleaners or degreasers that may include acetone). Because sampling was conducted from a boat, these constituents could reflect field-introduced or near-field operational inputs rather than site-related sediment contamination, particularly where detections are low and occur near reporting limits.

The three water-test samples included in the dataset showed no exceedances of the applicable criteria, and JC-PC-7 likewise had no exceedances across the analytes and purposes evaluated. As a result, those results are not included in the exceedance summary table, which is intentionally limited to only rows where the reported concentration was greater than the applicable limit. Full chemical analyses results are provided in Attachment C.

Geotechnical Analyses

ESA collected 16 representative grab samples from the eight Jenkins Creek hammer cores. Sample locations can be seen within the photographs of Attachment B. Sample IDs were updated from JC# to JC-HC-# to indicate that sediment originated from hammer cores and for report clarity. Moisture content and sieve analyses were performed on the 16 samples in a U.S. Army Corps of Engineers qualified and inspected geotechnical testing laboratory. A summary of the geotechnical sediment testing results are shown below in Table 3 and the sieve analysis report is provided as Attachment D. ESA's visual observations supported by the laboratory analyses, indicate that the majority of the sediment within the sampled area is composed of dark, silty sands atop a limestone streambed.

**TABLE 3
 GEOTECHNICAL TESTING SUMMARY**

Grab Sample ID	Sample Description	Fines Content (%)	Moisture Content (%)
JC-HC-1			
JC-HC-1A	Brown Fine Sand	2.3%	26.2%
JC-HC-1B	Brown Slightly Silty Fine Sand	13.2%	20.0%
JC-HC-2			
JC-HC-2A	Dark Gray Fine Sand	2.6%	40.8%
JC-HC-2B	Limerock	18.8%	35.3%
JC-HC-3			
JC-HC-3A	Dark Brown Fine Sand	4.0%	112%
JC-HC-3B	Brown Fine Sand	5.8%	16.9%
JC-HC-4			
JC-HC-4A	Dark Gray Fine Sand	3.2%	73.2%
JC-HC-4B	Brown Silty Fine Sand	4.0%	47.2%
JC-HC-5			
JC-HC-5A	Dark Gray Fine Sand	2.9%	35.8%
JC-HC-5B	Light Brown Fine Sand with Rock Fragments	12.2%	24.0%
JC-HC-6			
JC-HC-6A	Dark Grayish Brown Fine Sand	11.9%	65.8%
JC-HC-6B	Brown Silty Fine Sand	6.2%	53.2%
JC-HC-7			
JC-HC-7A	Dark Brown Fine Sand with Roots	17.0%	402.2%
JC-HC-7B	Dark Brown Silty Fine Sand	13.4%	357.3%
JC-HC-8			
JC-HC-8A	Dark Brown Silty Fine Sand with Roots	22.0%	293.2%
JC-HC-8B	Dark Brown Slightly Silty Fine Sand	8.0%	26.7%

Note: Fines content represents the percentage passing the No. 200 sieve

The material to be dredged from the waterway in cores JC-HC-1 through JC-HC-5 is consistent with the material on the existing shorelines represented by hammer cores JC-HC-6 through JC-HC-8. The root fragments in cores 7 and 8, likely contributed to the high moisture content results. The sieve analysis results suggest that the physical properties of the material would be suitable for reuse in shoreline stabilization measures.

Conclusions

These 2025 sediment analyses in combination with bathymetric and environmental assessments collected within the task assignment will serve as the basis for engineering design and regulatory discussions for potential creek dredging and shoreline stabilization activities. The coring activities aid in locating the boundary between unconsolidated sediments and streambed limestones and coupled with the bathymetry results will support volume calculations to determine quantities of material available for maintenance dredging. Laboratory analyses characterized the site-specific sediments, and these results indicate that while the material with less than 10% fines would generally be suitable for reuse in shoreline stabilization, the chemical composition of the sediment may require upland disposal or special handling during construction to be beneficially reused. Project planning and costs will be impacted by the need for special handling of the proposed dredge material.

Jenkins Creek Dredging & Shoreline
Stabilization Project
Sediment Analyses December 2025

Attachments

Attachment A

Figure A1. Push core JC1



Description: Push core JC1 with a measured length of 1.55 feet, consisting of clay, sand, and shell.

Figure A2. Push Core JC2



Description: Push Core JC2 with a measured length of 0.95 feet, consisting mostly of sand.

Figure A3. Push Core JC2b



Description: Push Core JC2b with a measured length of 0.95 feet, consisting mostly of sand.

Figure A4. Push Core JC3



Description: Push Core JC3 with a measured length of 1.10 feet, consisting of sand and peat.

Figure A5. Push Core JC4a



Description: Push Core JC4a with a measured length of 0.90 feet, consisting of sand and shell.

Figure A6. Push Core JC4b



Description: Push Core JC4b with a measured length of 0.75 feet, consisting of sand and shell.

Figure A7. Push Core JC5a



Description: Push Core JC5a with a measured length of 0.75 feet, consisting of sand, peat, and silt.

Figure A8. Push Core JC5b



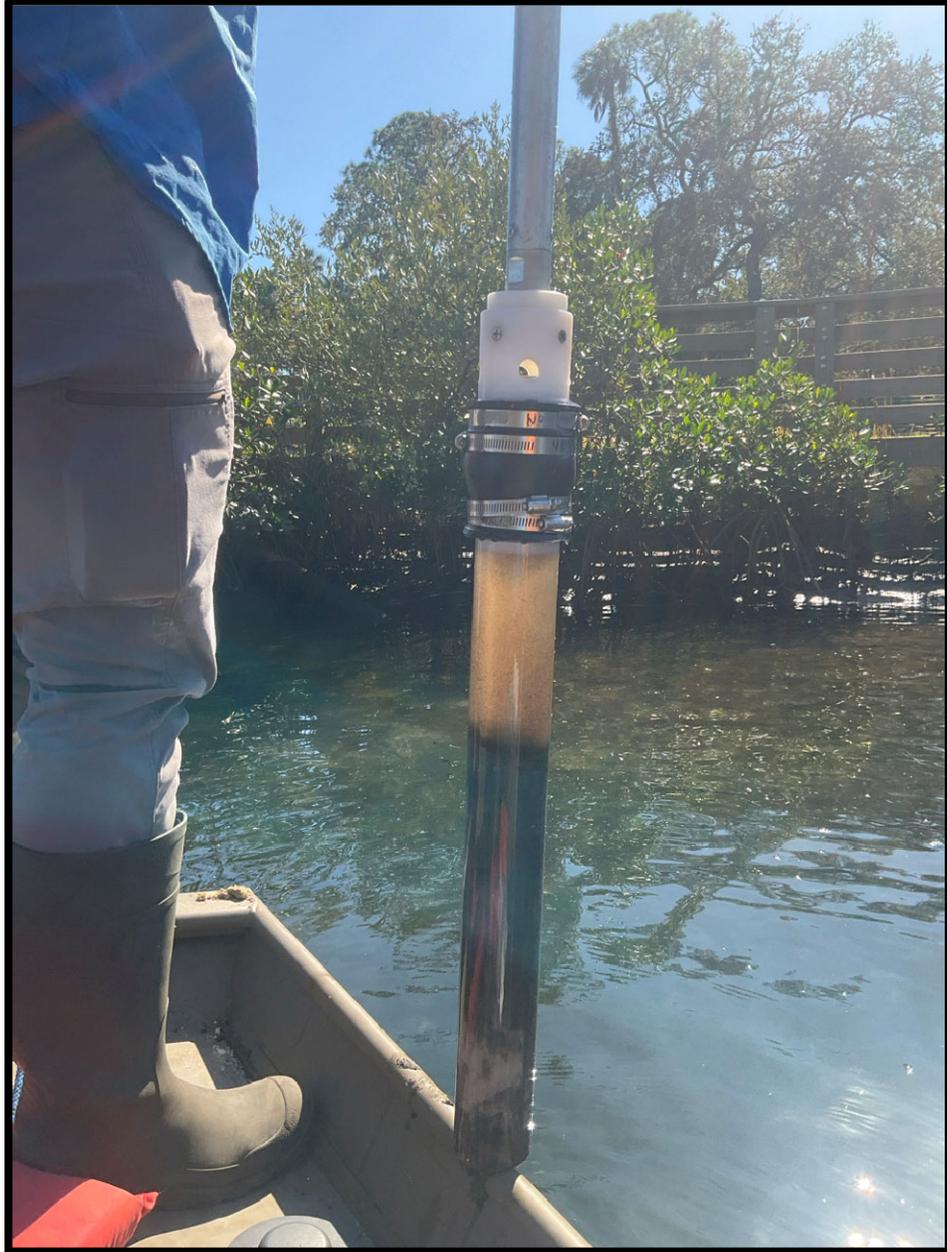
Description: Push Core JC5b, consisting of sand, peat, silt.

Figure A9. Push Core JC6



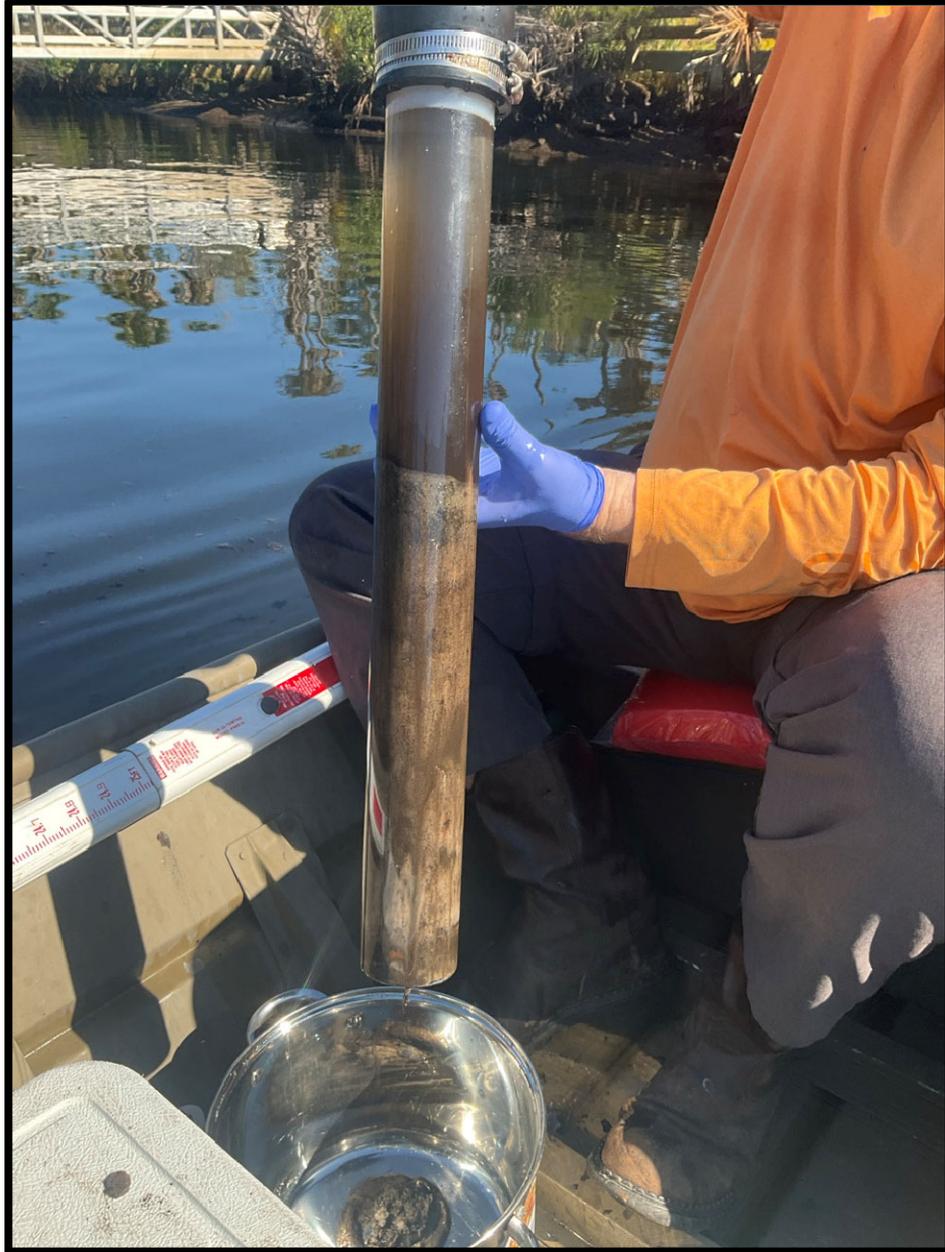
Description: Push Core JC6 with a measured length of 1.50 feet, consisting of sand and silt.

Figure A10. Push Core JC7



Description: Push Core JC7 with a measured length of 1.25 feet, consisting of sand and silt.

Figure A11. Push Core JC8



Description: Push Core JC8 with a measured length of 1.15 feet, consisting of sand and silt.

Figure A12. Push Core JC9



Description: Push Core JC9 with a measured length of 1.15 feet, consisting of sand and silt.

Figure A13. Push Core JC10a



Description: Push Core JC10a, consisting of peat and silt.

Figure A14. Push Core JC10b



Description: Push Core JC10b, consisting of peat and silt.

Figure A15. Push Core JC10c



Description: Push Core JC10c, consisting of peat and silt.

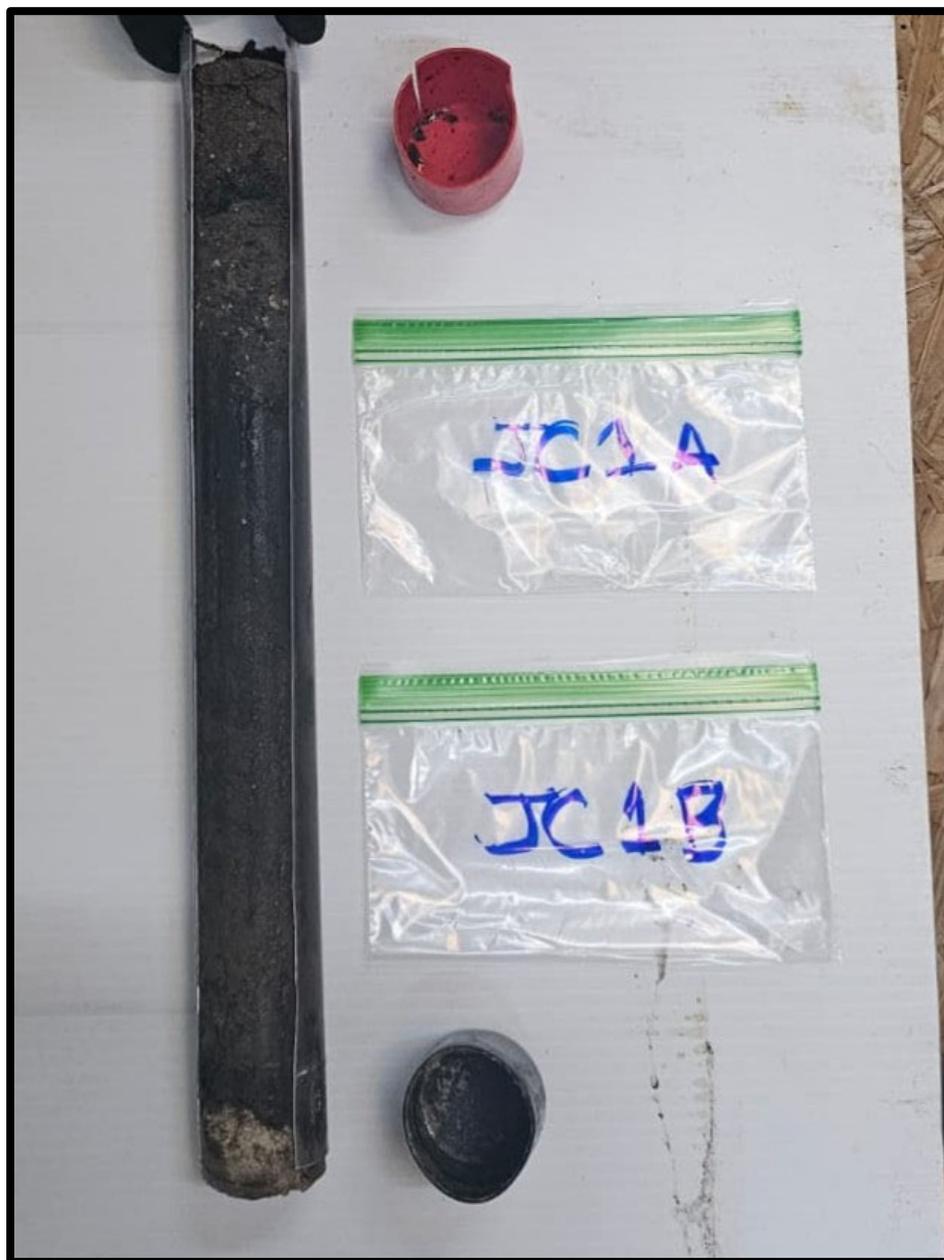
Attachment B

Figure B1. Hammer Core JC1



Description: Hammer Core JC1 with a measured length of 1.40 feet.

Figure B2. Hammer Core JC1



Description: Hammer Core JC1 after sample tube was cut.

Figure B3. Hammer Core JC1



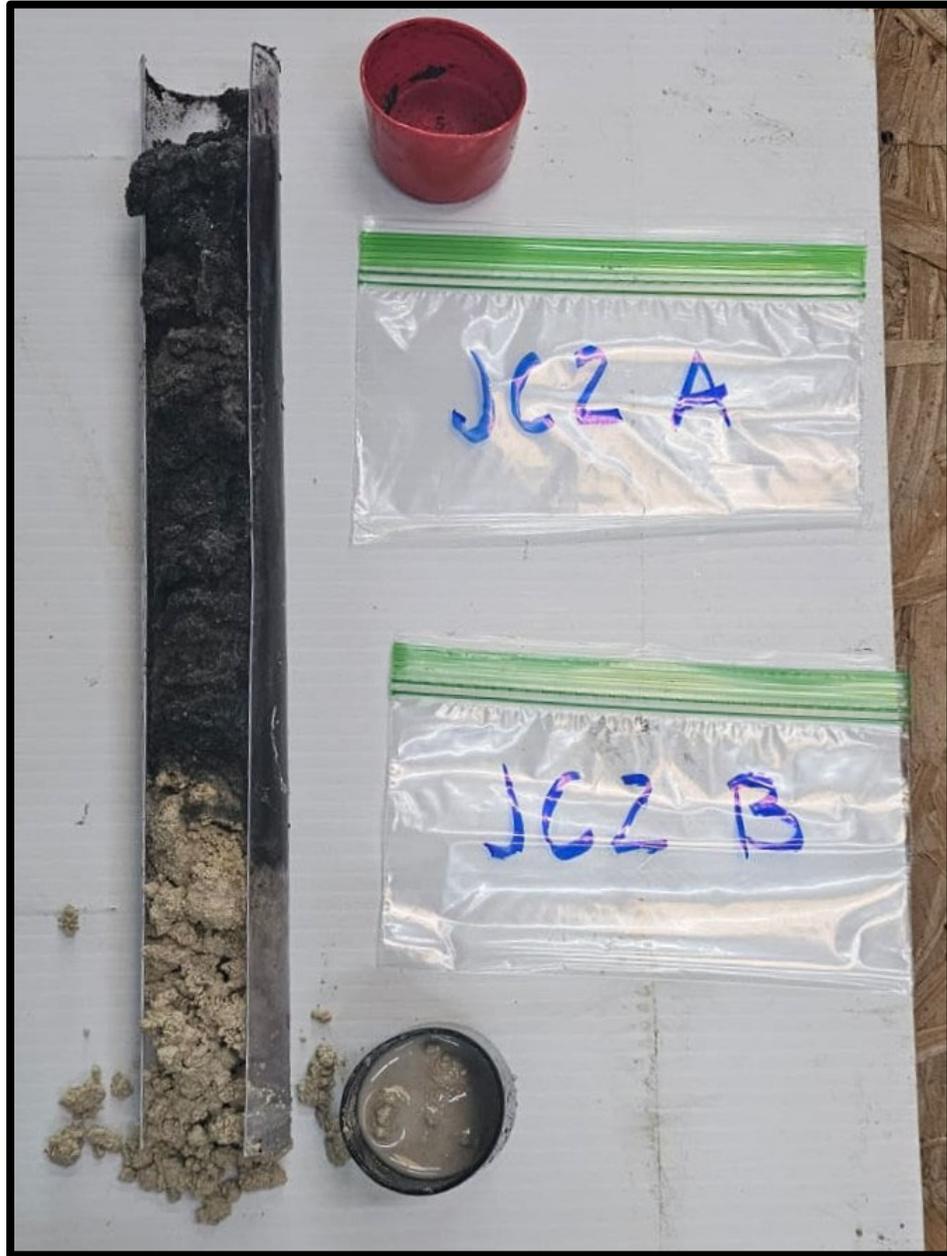
Description: Hammer Core JC1 after two soil samples were collected.

Figure B4. Hammer Core JC2



Description: Hammer Core JC2 with a measured length of 1.15 feet.

Figure B5. Hammer Core JC2



Description: Hammer Core JC2 after sample tube was cut.

Figure B6. Hammer Core JC2



Description: Hammer Core JC2 after two soil samples were collected.

Figure B7. Hammer Core JC3



Description: Hammer Core JC3 with a measured length of 1.10 feet.

Figure B8. Hammer Core JC3



Description: Hammer Core JC3 after sample tube was cut.

Figure B9. Hammer Core JC3



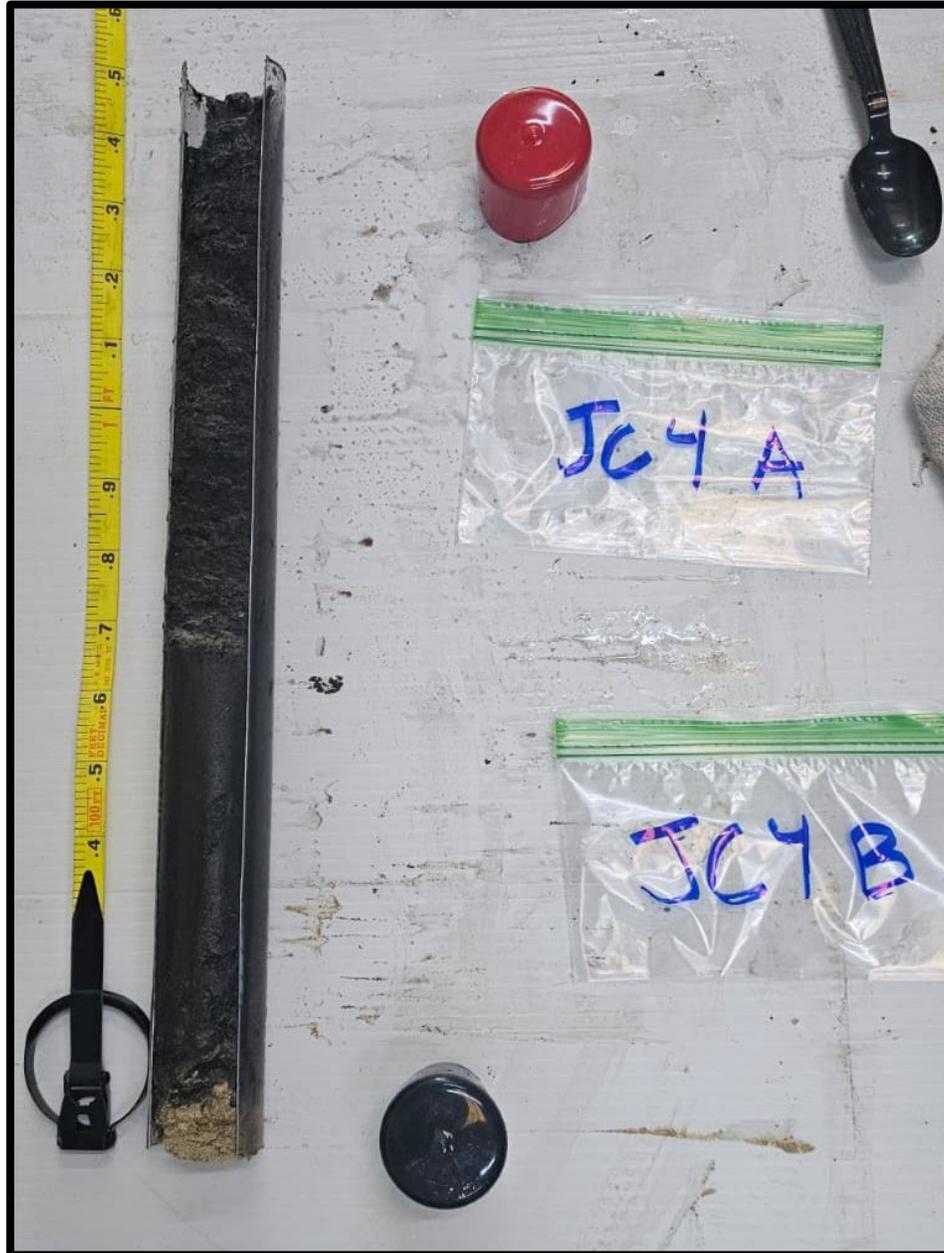
Description: Hammer Core JC3 after two soil samples were collected.

Figure B10. Hammer Core JC4



Description: Hammer Core JC4 with a measured length of 1.45 feet.

Figure B11. Hammer Core JC4



Description: Hammer Core JC4 after sample tube was cut.

Figure B12. Hammer Core JC4



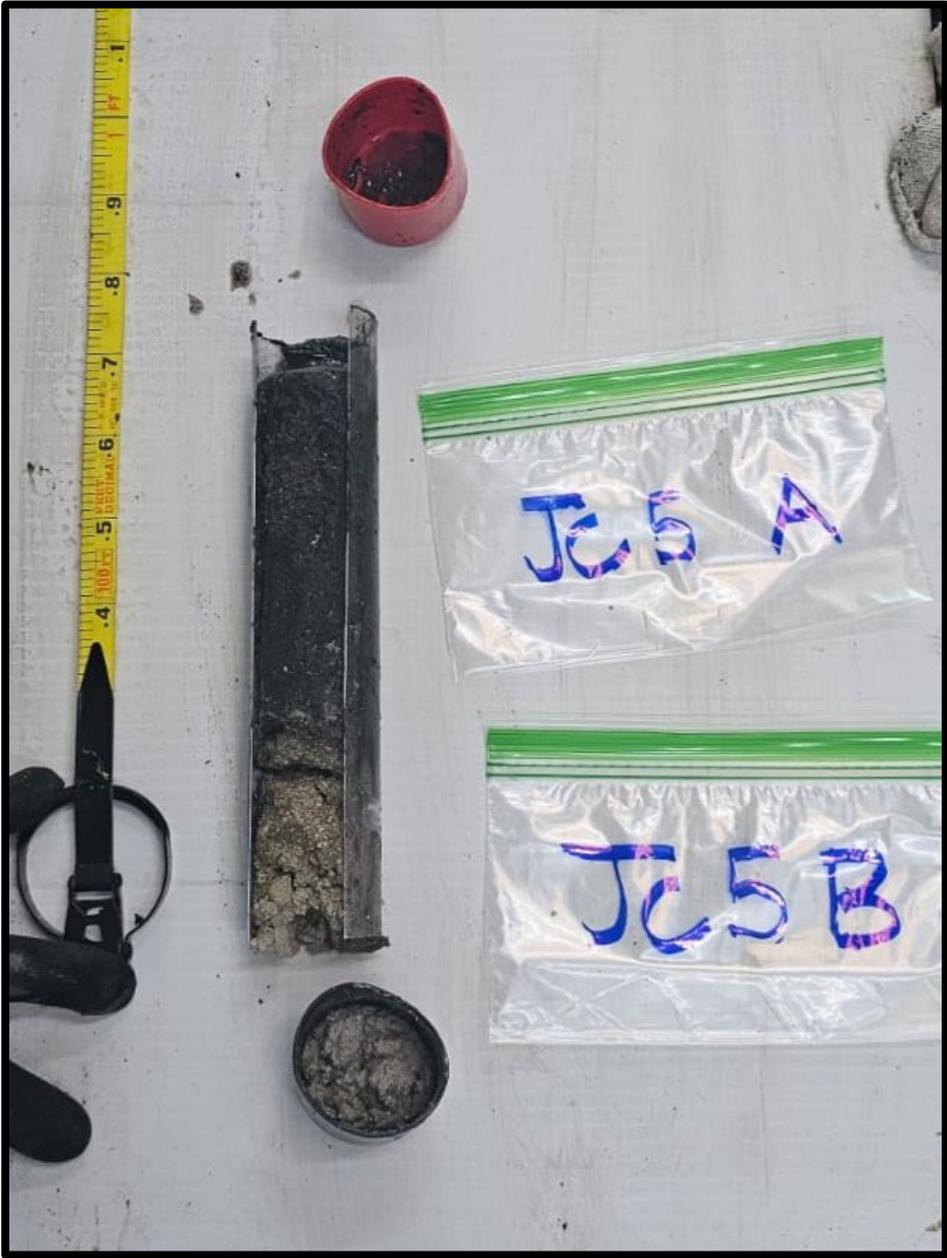
Description: Hammer Core JC4 after two soil samples were collected.

Figure B13. Hammer Core JC5



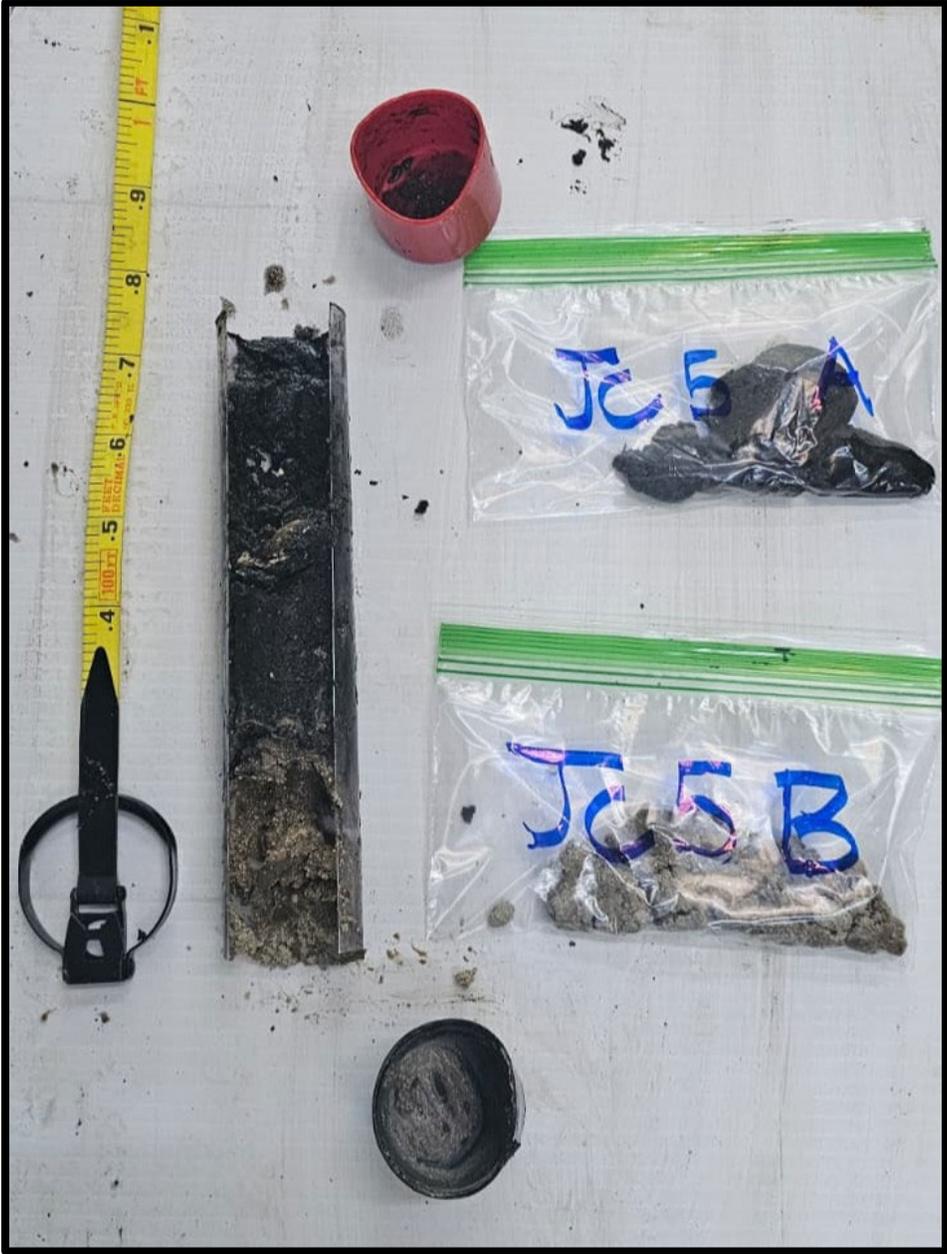
Description: Hammer Core JC5 with a measured length of 0.70 feet.

Figure B14. Hammer Core JC5



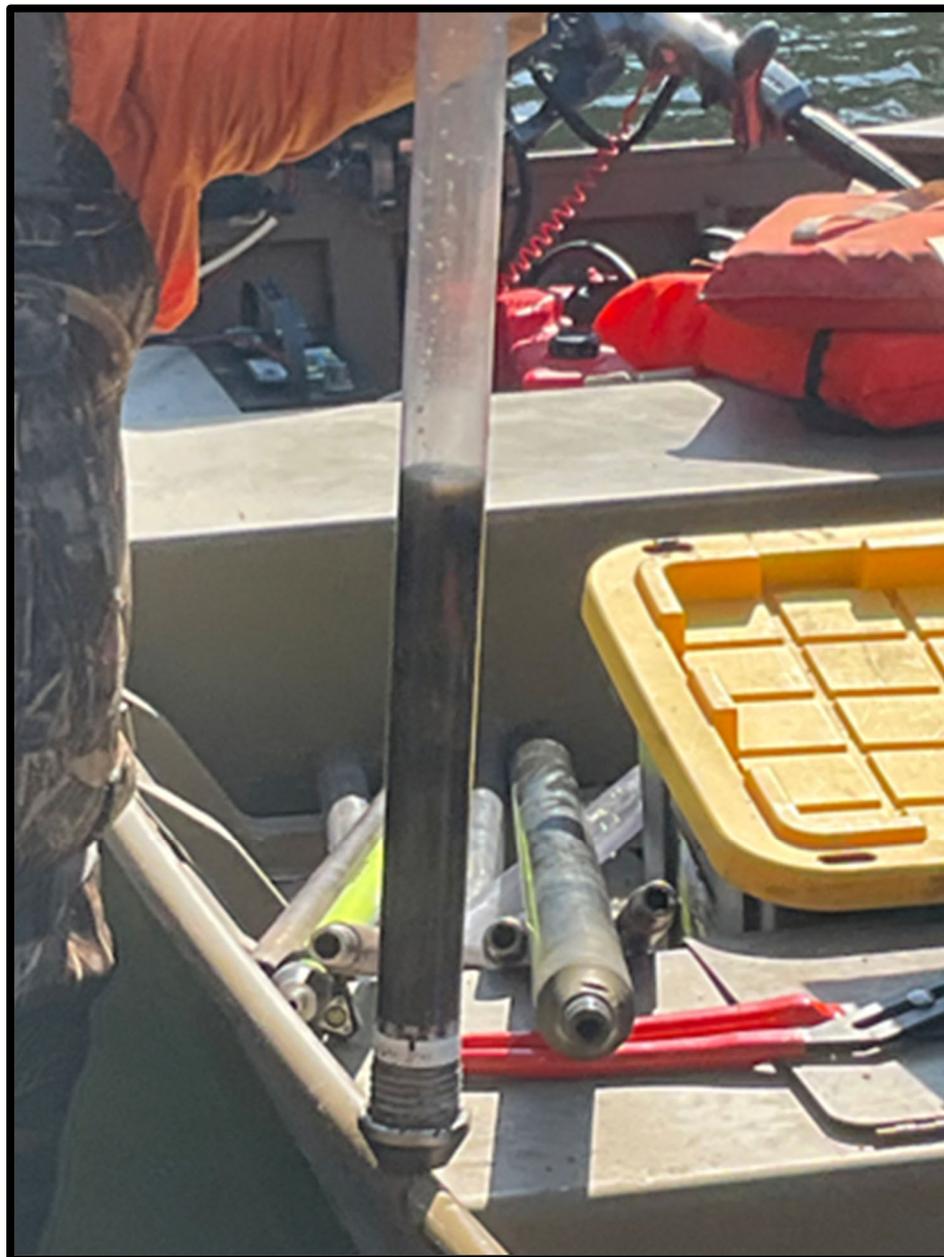
Description: Hammer Core JC5 after sample tube was cut.

Figure B15. Hammer Core JC5



Description: Hammer Core JC5 after two soil samples were collected.

Figure B16. Hammer Core JC6



Description: Hammer Core JC6 with a measured length of 0.95 feet.

Figure B17. Hammer Core JC6



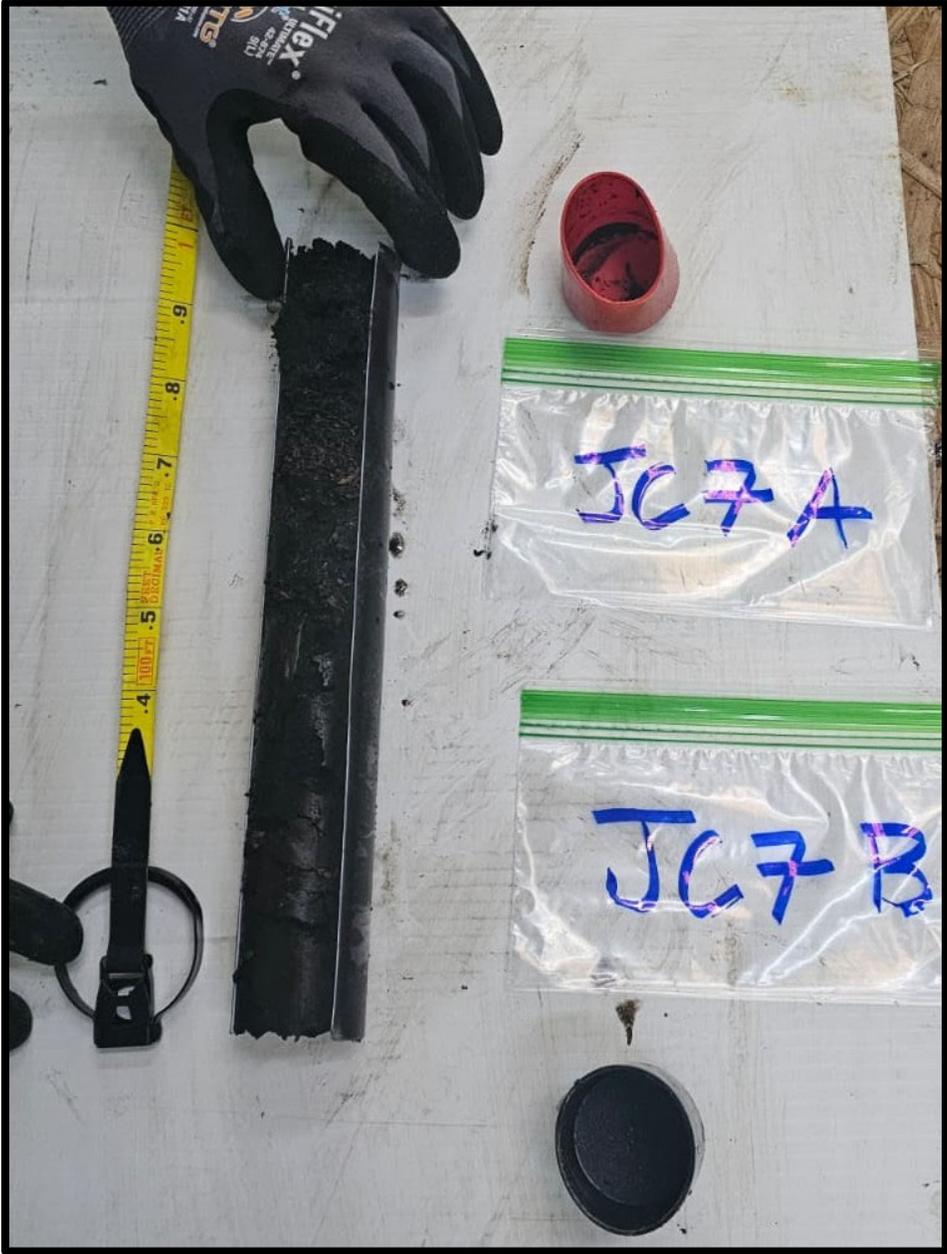
Description: Hammer Core JC6 after sample tube was cut.

Figure B18. Hammer Core JC7



Description: Hammer Core JC7 with a measured length of 1.00 foot.

Figure B19. Hammer Core JC7



Description: Hammer Core JC7 after sample tube was cut.

Figure B20. Hammer Core JC7



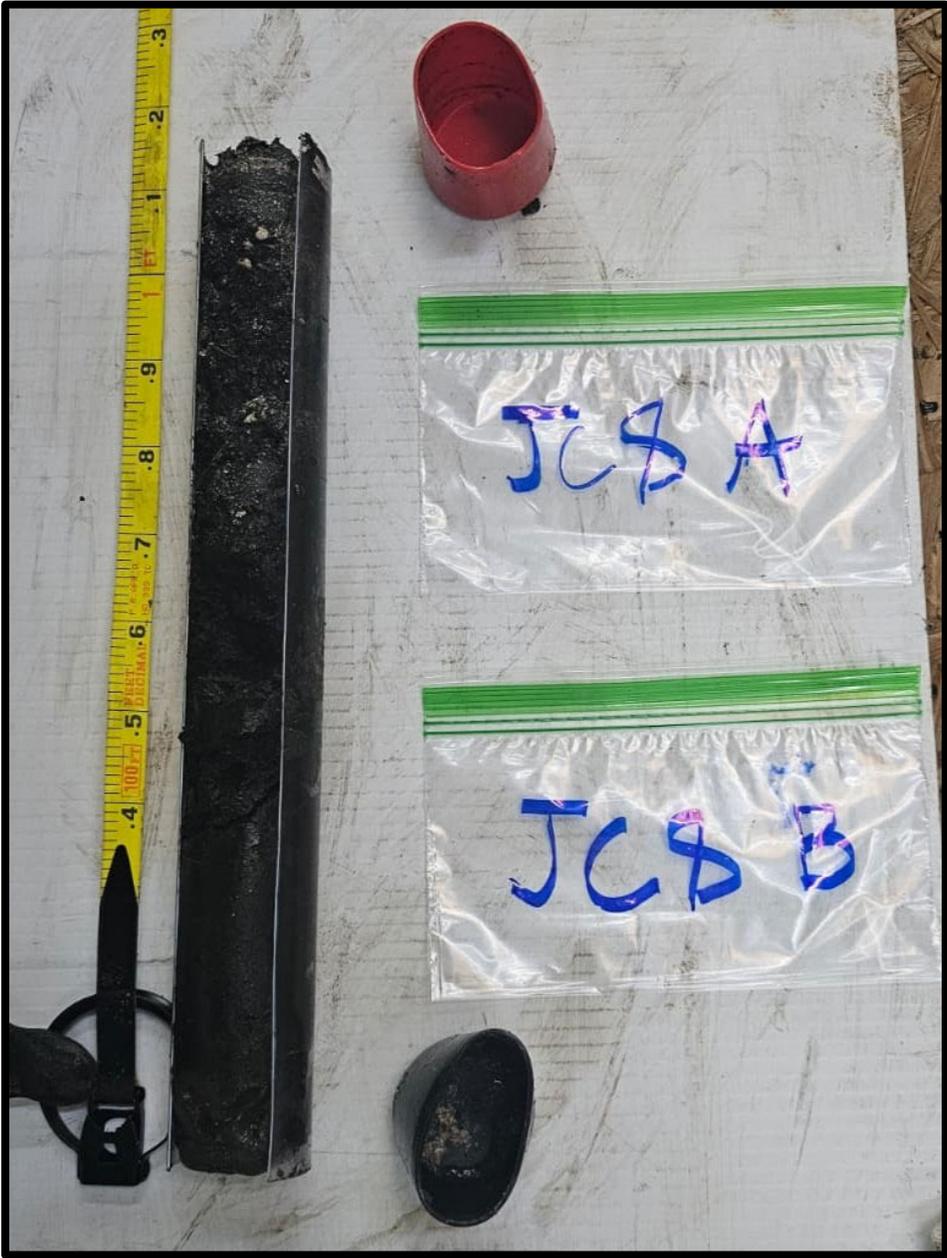
Description: Hammer Core JC7 after two soil samples were collected.

Figure B21. Hammer Core JC8



Description: Hammer Core JC8 with a measured length of 1.15 feet.

Figure B22. Hammer Core JC8



Description: Hammer Core JC8 after sample tube was cut.

Figure B23. Hammer Core JC8



Description: Hammer Core JC8 after two soil samples were collected.



December 05, 2025

Emily Keenan
Environmental Science Associates (ESA)
4200 West Cypress Street
Suite 450
Tampa, FL 33607

RE: Project: County Landfill
Pace Project No.: 35998109

Dear Emily Keenan:

Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

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

Sincerely,

Cameron Meynardie
cameron.meynardie@pacelabs.com
813-855-1844
Project Manager

Enclosures

cc: Bryan Flynn, Environmental Science Associates



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: County Landfill

Pace Project No.: 35998109

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #:ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

Nevada Certification: FL NELAC Reciprocity

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Utah FL NELAC Reciprocity

Utah

Virginia Environmental Certification #: 460165

Washington Certification #: C955

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35998109001	JC1	Solid	11/14/25 10:35	11/14/25 16:30
35998109002	JC2	Solid	11/14/25 11:15	11/14/25 16:30
35998109003	JC3	Solid	11/14/25 11:35	11/14/25 16:30
35998109004	JC4	Solid	11/14/25 11:55	11/14/25 16:30
35998109005	JC5	Solid	11/14/25 12:30	11/14/25 16:30
35998109006	JC6	Solid	11/14/25 12:50	11/14/25 16:30
35998109007	JC7	Solid	11/14/25 13:10	11/14/25 16:30
35998109008	JC8	Solid	11/14/25 13:25	11/14/25 16:30
35998109009	JC9	Solid	11/14/25 13:45	11/14/25 16:30
35998109010	JC10	Solid	11/14/25 14:00	11/14/25 16:30
35998109011	Water	Water	11/14/25 10:35	11/14/25 16:30
35998109012	Elutriate Water	Solid	11/14/25 10:35	11/14/25 16:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35998109001	JC1	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O
		EPA 8260 TCLP	AST	14	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	NP1	1	PASI-O
35998109002	JC2	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O
		EPA 8260 TCLP	CLT	14	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	NP1	1	PASI-O
35998109003	JC3	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O
		EPA 8260 TCLP	CLT	14	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	NP1	1	PASI-O
35998109004	JC4	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O
		EPA 8260 TCLP	CLT	14	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	NP1	1	PASI-O
35998109005	JC5	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O
		EPA 8260 TCLP	CLT	14	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	NP1	1	PASI-O
35998109006	JC6	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O
		EPA 8260 TCLP	CLT	14	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	NP1	1	PASI-O
35998109007	JC7	EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 6010	AF	7	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	BLB	74	PASI-O
		EPA 8270	BLB	18	PASI-O

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SAMPLE ANALYTE COUNT

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
35998109008	JC8	EPA 8260 TCLP	CLT	14	PASI-O		
		EPA 8260	CLT	55	PASI-O		
		ASTM D2974-87	NP1	1	PASI-O		
		EPA 6010	AF	7	PASI-O		
		EPA 6010	AF	7	PASI-O		
		EPA 6010	AF	7	PASI-O		
		EPA 7470	JNK	1	PASI-O		
		EPA 7470	JNK	1	PASI-O		
		EPA 7471	JNK	1	PASI-O		
		EPA 8270	BLB	74	PASI-O		
		EPA 8270	BLB	18	PASI-O		
		EPA 8260 TCLP	CLT	14	PASI-O		
		EPA 8260	CLT	55	PASI-O		
		ASTM D2974-87	NP1	1	PASI-O		
35998109009	JC9	EPA 6010	AF	7	PASI-O		
		EPA 6010	AF	7	PASI-O		
		EPA 6010	AF	7	PASI-O		
		EPA 7470	JNK	1	PASI-O		
		EPA 7470	JNK	1	PASI-O		
		EPA 7471	JNK	1	PASI-O		
		EPA 8270	BLB	74	PASI-O		
		EPA 8270	BLB	18	PASI-O		
		EPA 8260 TCLP	CLT	14	PASI-O		
		EPA 8260	CLT	55	PASI-O		
		ASTM D2974-87	NP1	1	PASI-O		
		EPA 6010	ASB	7	PASI-O		
		EPA 6010	AF	7	PASI-O		
		EPA 6010	AF	7	PASI-O		
35998109010	JC10	EPA 7470	JNK	1	PASI-O		
		EPA 7470	JNK	1	PASI-O		
		EPA 7471	JNK	1	PASI-O		
		EPA 8270	BLB	74	PASI-O		
		EPA 8270	BLB	18	PASI-O		
		EPA 8260 TCLP	CLT	14	PASI-O		
		EPA 8260	CLT	55	PASI-O		
		ASTM D2974-87	NP1	1	PASI-O		
		EPA 6010	ASB	7	PASI-O		
		35998109011	Water	ASTM D2974-87	NP1	1	PASI-O
				EPA 6010	ASB	7	PASI-O

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SAMPLE ANALYTE COUNT

Project: County Landfill
Pace Project No.: 35998109

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	JNK	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC1 Lab ID: 35998109001 Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	124	mg/kg	2.2	1.1	1	12/01/25 07:54	12/02/25 12:11	7440-38-2	
Barium	5.4	mg/kg	2.2	0.36	1	12/01/25 07:54	12/02/25 12:11	7440-39-3	
Cadmium	0.24	mg/kg	0.22	0.11	1	12/01/25 07:54	12/02/25 12:11	7440-43-9	
Chromium	4.5	mg/kg	1.1	0.54	1	12/01/25 07:54	12/02/25 12:11	7440-47-3	
Lead	3.4	mg/kg	2.2	1.1	1	12/01/25 07:54	12/02/25 12:11	7439-92-1	
Selenium	3.0 I	mg/kg	3.2	1.6	1	12/01/25 07:54	12/02/25 12:11	7782-49-2	
Silver	0.24 U	mg/kg	1.1	0.24	1	12/01/25 07:54	12/02/25 12:11	7440-22-4	
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.048	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 17:57	7440-38-2	
Barium	0.034	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 17:57	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 17:57	7440-43-9	
Chromium	0.0017 U	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 17:57	7440-47-3	
Lead	0.0021 U	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 17:57	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 17:57	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 17:57	7440-22-4	J(M1)
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.13	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 12:21	7440-38-2	
Barium	0.017 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 12:21	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 12:21	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 12:21	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 12:21	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 12:21	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 12:21	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:15	7439-97-6	Y
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:07	7439-97-6	Y
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.050	mg/kg	0.037	0.018	1	12/01/25 12:25	12/01/25 15:34	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC1 Lab ID: 35998109001 Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Acenaphthene	0.13 U	mg/kg	0.29	0.13	1	11/17/25 23:19	11/19/25 23:57	83-32-9	P1
Acenaphthylene	0.043 U	mg/kg	0.28	0.043	1	11/17/25 23:19	11/19/25 23:57	208-96-8	P1
Aniline	0.27 U	mg/kg	1.4	0.27	1	11/17/25 23:19	11/19/25 23:57	62-53-3	P1
Anthracene	0.038 U	mg/kg	0.29	0.038	1	11/17/25 23:19	11/19/25 23:57	120-12-7	P1
Benzo(a)anthracene	0.037 U	mg/kg	0.28	0.037	1	11/17/25 23:19	11/19/25 23:57	56-55-3	P1
Benzo(a)pyrene	0.069 U	mg/kg	0.28	0.069	1	11/17/25 23:19	11/19/25 23:57	50-32-8	P1
Benzo(b)fluoranthene	0.074 U	mg/kg	0.28	0.074	1	11/17/25 23:19	11/19/25 23:57	205-99-2	P1
Benzo(g,h,i)perylene	0.069 U	mg/kg	0.28	0.069	1	11/17/25 23:19	11/19/25 23:57	191-24-2	P1
Benzo(k)fluoranthene	0.074 U	mg/kg	0.28	0.074	1	11/17/25 23:19	11/19/25 23:57	207-08-9	P1
Benzyl alcohol	0.29 U	mg/kg	1.4	0.29	1	11/17/25 23:19	11/19/25 23:57	100-51-6	P1
4-Bromophenylphenyl ether	0.26 U	mg/kg	1.4	0.26	1	11/17/25 23:19	11/19/25 23:57	101-55-3	P1
Butylbenzylphthalate	0.28 U	mg/kg	1.4	0.28	1	11/17/25 23:19	11/19/25 23:57	85-68-7	P1
4-Chloro-3-methylphenol	0.82 U	mg/kg	5.5	0.82	1	11/17/25 23:19	11/19/25 23:57	59-50-7	P1
4-Chloroaniline	0.21 U	mg/kg	1.4	0.21	1	11/17/25 23:19	11/19/25 23:57	106-47-8	P1
bis(2-Chloroethoxy)methane	0.20 U	mg/kg	1.4	0.20	1	11/17/25 23:19	11/19/25 23:57	111-91-1	P1
bis(2-Chloroethyl) ether	0.090 U	mg/kg	1.4	0.090	1	11/17/25 23:19	11/19/25 23:57	111-44-4	P1
2-Chloronaphthalene	0.065 U	mg/kg	1.4	0.065	1	11/17/25 23:19	11/19/25 23:57	91-58-7	P1
2-Chlorophenol	0.22 U	mg/kg	1.4	0.22	1	11/17/25 23:19	11/19/25 23:57	95-57-8	P1
4-Chlorophenylphenyl ether	0.20 U	mg/kg	1.4	0.20	1	11/17/25 23:19	11/19/25 23:57	7005-72-3	P1
Chrysene	0.037 U	mg/kg	0.28	0.037	1	11/17/25 23:19	11/19/25 23:57	218-01-9	P1
Dibenz(a,h)anthracene	0.064 U	mg/kg	0.28	0.064	1	11/17/25 23:19	11/19/25 23:57	53-70-3	P1
Dibenzofuran	0.19 U	mg/kg	1.4	0.19	1	11/17/25 23:19	11/19/25 23:57	132-64-9	P1
1,2-Dichlorobenzene	0.20 U	mg/kg	1.4	0.20	1	11/17/25 23:19	11/19/25 23:57	95-50-1	P1
1,3-Dichlorobenzene	0.27 U	mg/kg	1.4	0.27	1	11/17/25 23:19	11/19/25 23:57	541-73-1	P1
1,4-Dichlorobenzene	0.20 U	mg/kg	1.4	0.20	1	11/17/25 23:19	11/19/25 23:57	106-46-7	P1
3,3'-Dichlorobenzidine	0.27 U	mg/kg	5.5	0.27	1	11/17/25 23:19	11/19/25 23:57	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.061 U	mg/kg	1.4	0.061	1	11/17/25 23:19	11/19/25 23:57	120-83-2	P1
Diethylphthalate	0.47 U	mg/kg	1.4	0.47	1	11/17/25 23:19	11/19/25 23:57	84-66-2	P1
2,4-Dimethylphenol	0.25 U	mg/kg	1.4	0.25	1	11/17/25 23:19	11/19/25 23:57	105-67-9	P1
Dimethylphthalate	0.22 U	mg/kg	1.4	0.22	1	11/17/25 23:19	11/19/25 23:57	131-11-3	P1
Di-n-butylphthalate	1.1 U	mg/kg	1.4	1.1	1	11/17/25 23:19	11/19/25 23:57	84-74-2	P1
4,6-Dinitro-2-methylphenol	1.8 U	mg/kg	5.5	1.8	1	11/17/25 23:19	11/19/25 23:57	534-52-1	P1
2,4-Dinitrophenol	2.2 U	mg/kg	5.5	2.2	1	11/17/25 23:19	11/19/25 23:57	51-28-5	P1
2,4-Dinitrotoluene	0.42 U	mg/kg	1.4	0.42	1	11/17/25 23:19	11/19/25 23:57	121-14-2	P1
2,6-Dinitrotoluene	0.27 U	mg/kg	1.4	0.27	1	11/17/25 23:19	11/19/25 23:57	606-20-2	P1
Di-n-octylphthalate	0.34 U	mg/kg	1.4	0.34	1	11/17/25 23:19	11/19/25 23:57	117-84-0	P1
1,2-Diphenylhydrazine	0.30 U	mg/kg	1.4	0.30	1	11/17/25 23:19	11/19/25 23:57	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.29 U	mg/kg	1.4	0.29	1	11/17/25 23:19	11/19/25 23:57	117-81-7	P1
Fluoranthene	0.090 U	mg/kg	0.28	0.090	1	11/17/25 23:19	11/19/25 23:57	206-44-0	P1
Fluorene	0.098 U	mg/kg	0.30	0.098	1	11/17/25 23:19	11/19/25 23:57	86-73-7	P1
Hexachloro-1,3-butadiene	0.098 U	mg/kg	1.4	0.098	1	11/17/25 23:19	11/19/25 23:57	87-68-3	P1
Hexachlorobenzene	0.054 U	mg/kg	1.4	0.054	1	11/17/25 23:19	11/19/25 23:57	118-74-1	P1
Hexachlorocyclopentadiene	1.0 U	mg/kg	5.5	1.0	1	11/17/25 23:19	11/19/25 23:57	77-47-4	P1
Hexachloroethane	0.21 U	mg/kg	1.4	0.21	1	11/17/25 23:19	11/19/25 23:57	67-72-1	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC1 Lab ID: 35998109001 Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Indeno(1,2,3-cd)pyrene	0.063 U	mg/kg	0.28	0.063	1	11/17/25 23:19	11/19/25 23:57	193-39-5	P1
Isophorone	0.24 U	mg/kg	1.4	0.24	1	11/17/25 23:19	11/19/25 23:57	78-59-1	P1
1-Methylnaphthalene	0.046 U	mg/kg	0.33	0.046	1	11/17/25 23:19	11/19/25 23:57	90-12-0	P1
2-Methylnaphthalene	0.043 U	mg/kg	0.32	0.043	1	11/17/25 23:19	11/19/25 23:57	91-57-6	P1
2-Methylphenol(o-Cresol)	0.066 U	mg/kg	1.4	0.066	1	11/17/25 23:19	11/19/25 23:57	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.063 U	mg/kg	1.4	0.063	1	11/17/25 23:19	11/19/25 23:57		P1
Naphthalene	0.098 U	mg/kg	0.29	0.098	1	11/17/25 23:19	11/19/25 23:57	91-20-3	P1
2-Nitroaniline	0.34 U	mg/kg	1.4	0.34	1	11/17/25 23:19	11/19/25 23:57	88-74-4	P1
3-Nitroaniline	0.30 U	mg/kg	1.4	0.30	1	11/17/25 23:19	11/19/25 23:57	99-09-2	P1
4-Nitroaniline	0.069 U	mg/kg	1.4	0.069	1	11/17/25 23:19	11/19/25 23:57	100-01-6	P1
Nitrobenzene	0.092 U	mg/kg	1.4	0.092	1	11/17/25 23:19	11/19/25 23:57	98-95-3	P1
2-Nitrophenol	0.44 U	mg/kg	1.4	0.44	1	11/17/25 23:19	11/19/25 23:57	88-75-5	P1
4-Nitrophenol	0.60 U	mg/kg	1.8	0.60	1	11/17/25 23:19	11/19/25 23:57	100-02-7	P1
N-Nitrosodimethylamine	0.090 U	mg/kg	1.4	0.090	1	11/17/25 23:19	11/19/25 23:57	62-75-9	P1
N-Nitroso-di-n-propylamine	0.054 U	mg/kg	1.4	0.054	1	11/17/25 23:19	11/19/25 23:57	621-64-7	P1
N-Nitrosodiphenylamine	0.18 U	mg/kg	1.4	0.18	1	11/17/25 23:19	11/19/25 23:57	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.28 U	mg/kg	1.4	0.28	1	11/17/25 23:19	11/19/25 23:57	108-60-1	P1
Pentachlorophenol	0.71 U	mg/kg	5.5	0.71	1	11/17/25 23:19	11/19/25 23:57	87-86-5	P1
Phenanthrene	0.039 U	mg/kg	0.28	0.039	1	11/17/25 23:19	11/19/25 23:57	85-01-8	P1
Phenol	0.26 U	mg/kg	1.4	0.26	1	11/17/25 23:19	11/19/25 23:57	108-95-2	P1
Pyrene	0.081 U	mg/kg	0.28	0.081	1	11/17/25 23:19	11/19/25 23:57	129-00-0	P1
1,2,4-Trichlorobenzene	0.20 U	mg/kg	1.4	0.20	1	11/17/25 23:19	11/19/25 23:57	120-82-1	P1
2,4,5-Trichlorophenol	0.055 U	mg/kg	1.4	0.055	1	11/17/25 23:19	11/19/25 23:57	95-95-4	P1
2,4,6-Trichlorophenol	0.075 U	mg/kg	1.4	0.075	1	11/17/25 23:19	11/19/25 23:57	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	55	%	24-98		1	11/17/25 23:19	11/19/25 23:57	4165-60-0	
2-Fluorobiphenyl (S)	29	%	29-101		1	11/17/25 23:19	11/19/25 23:57	321-60-8	
p-Terphenyl-d14 (S)	29	%	29-112		1	11/17/25 23:19	11/19/25 23:57	1718-51-0	
Phenol-d6 (S)	45	%	10-104		1	11/17/25 23:19	11/19/25 23:57	13127-88-3	
2-Fluorophenol (S)	46	%	19-95		1	11/17/25 23:19	11/19/25 23:57	367-12-4	
2,4,6-Tribromophenol (S)	53	%	23-110		1	11/17/25 23:19	11/19/25 23:57	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 16:38	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 16:38	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 16:38	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 16:38	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 16:38	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 16:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 16:38		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 16:38	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 16:38	87-86-5	J(v2)

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC1 Lab ID: 35998109001 Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 16:38	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 16:38	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 16:38	88-06-2	
Surrogates									
Phenol-d6 (S)	38	%	14-67		1	11/22/25 10:45	12/02/25 16:38	13127-88-3	
2-Fluorobiphenyl (S)	55	%	13-83		1	11/22/25 10:45	12/02/25 16:38	321-60-8	
Nitrobenzene-d5 (S)	51	%	11-95		1	11/22/25 10:45	12/02/25 16:38	4165-60-0	
p-Terphenyl-d14 (S)	63	%	36-129		1	11/22/25 10:45	12/02/25 16:38	1718-51-0	
2-Fluorophenol (S)	43	%	11-72		1	11/22/25 10:45	12/02/25 16:38	367-12-4	
2,4,6-Tribromophenol (S)	49	%	20-123		1	11/22/25 10:45	12/02/25 16:38	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/17/25 17:27									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		11/21/25 07:21	71-43-2	
2-Butanone (MEK)	0.012 I	mg/L	0.050	0.0067	1		11/21/25 07:21	78-93-3	V
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/21/25 07:21	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/21/25 07:21	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/21/25 07:21	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/21/25 07:21	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/21/25 07:21	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/21/25 07:21	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/21/25 07:21	127-18-4	
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/21/25 07:21	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/21/25 07:21	75-01-4	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		11/21/25 07:21	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/21/25 07:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/21/25 07:21	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.41	mg/kg	0.31	0.14	1	11/15/25 18:50	11/16/25 04:09	67-64-1	
Acetonitrile	0.092 U	mg/kg	0.31	0.092	1	11/15/25 18:50	11/16/25 04:09	75-05-8	
Benzene	0.0062 U	mg/kg	0.031	0.0062	1	11/15/25 18:50	11/16/25 04:09	71-43-2	
Bromochloromethane	0.0046 U	mg/kg	0.031	0.0046	1	11/15/25 18:50	11/16/25 04:09	74-97-5	
Bromodichloromethane	0.0068 U	mg/kg	0.031	0.0068	1	11/15/25 18:50	11/16/25 04:09	75-27-4	
Bromoform	0.0068 U	mg/kg	0.031	0.0068	1	11/15/25 18:50	11/16/25 04:09	75-25-2	
Bromomethane	0.011 U	mg/kg	0.031	0.011	1	11/15/25 18:50	11/16/25 04:09	74-83-9	
2-Butanone (MEK)	0.084 U	mg/kg	0.31	0.084	1	11/15/25 18:50	11/16/25 04:09	78-93-3	
Carbon disulfide	0.048	mg/kg	0.031	0.015	1	11/15/25 18:50	11/16/25 04:09	75-15-0	
Carbon tetrachloride	0.0074 U	mg/kg	0.031	0.0074	1	11/15/25 18:50	11/16/25 04:09	56-23-5	
Chlorobenzene	0.0058 U	mg/kg	0.031	0.0058	1	11/15/25 18:50	11/16/25 04:09	108-90-7	
Chloroethane	0.013 U	mg/kg	0.031	0.013	1	11/15/25 18:50	11/16/25 04:09	75-00-3	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC1 Lab ID: 35998109001 Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Chloroform	0.011 U	mg/kg	0.031	0.011	1	11/15/25 18:50	11/16/25 04:09	67-66-3	
Chloromethane	0.012 U	mg/kg	0.031	0.012	1	11/15/25 18:50	11/16/25 04:09	74-87-3	
1,2-Dibromo-3-chloropropane	0.0074 U	mg/kg	0.031	0.0074	1	11/15/25 18:50	11/16/25 04:09	96-12-8	
Dibromochloromethane	0.0054 U	mg/kg	0.031	0.0054	1	11/15/25 18:50	11/16/25 04:09	124-48-1	
1,2-Dibromoethane (EDB)	0.0046 U	mg/kg	0.031	0.0046	1	11/15/25 18:50	11/16/25 04:09	106-93-4	
Dibromomethane	0.0044 U	mg/kg	0.031	0.0044	1	11/15/25 18:50	11/16/25 04:09	74-95-3	
1,2-Dichlorobenzene	0.0047 U	mg/kg	0.031	0.0047	1	11/15/25 18:50	11/16/25 04:09	95-50-1	
1,4-Dichlorobenzene	0.0041 U	mg/kg	0.031	0.0041	1	11/15/25 18:50	11/16/25 04:09	106-46-7	
trans-1,4-Dichloro-2-butene	0.0074 U	mg/kg	0.031	0.0074	1	11/15/25 18:50	11/16/25 04:09	110-57-6	
1,1-Dichloroethane	0.0061 U	mg/kg	0.031	0.0061	1	11/15/25 18:50	11/16/25 04:09	75-34-3	
1,2-Dichloroethane	0.014 U	mg/kg	0.031	0.014	1	11/15/25 18:50	11/16/25 04:09	107-06-2	
1,2-Dichloroethene (Total)	0.019 U	mg/kg	0.031	0.019	1	11/15/25 18:50	11/16/25 04:09	540-59-0	
1,1-Dichloroethene	0.015 U	mg/kg	0.031	0.015	1	11/15/25 18:50	11/16/25 04:09	75-35-4	
cis-1,2-Dichloroethene	0.0068 U	mg/kg	0.031	0.0068	1	11/15/25 18:50	11/16/25 04:09	156-59-2	
trans-1,2-Dichloroethene	0.0080 U	mg/kg	0.031	0.0080	1	11/15/25 18:50	11/16/25 04:09	156-60-5	
1,2-Dichloropropane	0.0057 U	mg/kg	0.031	0.0057	1	11/15/25 18:50	11/16/25 04:09	78-87-5	
cis-1,3-Dichloropropene	0.0062 U	mg/kg	0.031	0.0062	1	11/15/25 18:50	11/16/25 04:09	10061-01-5	
trans-1,3-Dichloropropene	0.0061 U	mg/kg	0.031	0.0061	1	11/15/25 18:50	11/16/25 04:09	10061-02-6	
Ethylbenzene	0.0074 U	mg/kg	0.031	0.0074	1	11/15/25 18:50	11/16/25 04:09	100-41-4	
2-Hexanone	0.031 U	mg/kg	0.15	0.031	1	11/15/25 18:50	11/16/25 04:09	591-78-6	
Iodomethane	0.014 U	mg/kg	0.062	0.014	1	11/15/25 18:50	11/16/25 04:09	74-88-4	
Isopropylbenzene (Cumene)	0.0080 U	mg/kg	0.031	0.0080	1	11/15/25 18:50	11/16/25 04:09	98-82-8	
Methylene Chloride	0.027 U	mg/kg	0.031	0.027	1	11/15/25 18:50	11/16/25 04:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.031 U	mg/kg	0.15	0.031	1	11/15/25 18:50	11/16/25 04:09	108-10-1	
Methyl-tert-butyl ether	0.0093 U	mg/kg	0.031	0.0093	1	11/15/25 18:50	11/16/25 04:09	1634-04-4	
Styrene	0.015 U	mg/kg	0.031	0.015	1	11/15/25 18:50	11/16/25 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	0.0062 U	mg/kg	0.031	0.0062	1	11/15/25 18:50	11/16/25 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	0.0038 U	mg/kg	0.031	0.0038	1	11/15/25 18:50	11/16/25 04:09	79-34-5	
Tetrachloroethene	0.0074 U	mg/kg	0.031	0.0074	1	11/15/25 18:50	11/16/25 04:09	127-18-4	
Toluene	0.012 U	mg/kg	0.031	0.012	1	11/15/25 18:50	11/16/25 04:09	108-88-3	
1,1,1-Trichloroethane	0.0080 U	mg/kg	0.031	0.0080	1	11/15/25 18:50	11/16/25 04:09	71-55-6	
1,1,2-Trichloroethane	0.0037 U	mg/kg	0.031	0.0037	1	11/15/25 18:50	11/16/25 04:09	79-00-5	
Trichloroethene	0.0074 U	mg/kg	0.031	0.0074	1	11/15/25 18:50	11/16/25 04:09	79-01-6	
Trichlorofluoromethane	0.015 U	mg/kg	0.031	0.015	1	11/15/25 18:50	11/16/25 04:09	75-69-4	
1,2,3-Trichloropropane	0.0093 U	mg/kg	0.031	0.0093	1	11/15/25 18:50	11/16/25 04:09	96-18-4	
Vinyl acetate	0.0099 U	mg/kg	0.031	0.0099	1	11/15/25 18:50	11/16/25 04:09	108-05-4	J(v2)
Vinyl chloride	0.013 U	mg/kg	0.031	0.013	1	11/15/25 18:50	11/16/25 04:09	75-01-4	
Xylene (Total)	0.032 U	mg/kg	0.093	0.032	1	11/15/25 18:50	11/16/25 04:09	1330-20-7	
m&p-Xylene	0.032 U	mg/kg	0.062	0.032	1	11/15/25 18:50	11/16/25 04:09	179601-23-1	
o-Xylene	0.0059 U	mg/kg	0.031	0.0059	1	11/15/25 18:50	11/16/25 04:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	68-125		1	11/15/25 18:50	11/16/25 04:09	460-00-4	
Toluene-d8 (S)	95	%	70-130		1	11/15/25 18:50	11/16/25 04:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	11/15/25 18:50	11/16/25 04:09	2199-69-1	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC1 Lab ID: **35998109001** Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	76.5	%	0.10	0.10	1		12/01/25 11:37		

Sample: JC2 Lab ID: **35998109002** Collected: 11/14/25 11:15 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	3.3	mg/kg	0.87	0.44	1	12/01/25 07:54	12/02/25 16:54	7440-38-2	
Barium	0.79 I	mg/kg	0.87	0.15	1	12/01/25 07:54	12/02/25 16:54	7440-39-3	
Cadmium	0.044 U	mg/kg	0.087	0.044	1	12/01/25 07:54	12/02/25 16:54	7440-43-9	
Chromium	4.4	mg/kg	0.44	0.22	1	12/01/25 07:54	12/02/25 16:54	7440-47-3	
Lead	11.0	mg/kg	0.87	0.44	1	12/01/25 07:54	12/02/25 16:54	7439-92-1	
Selenium	0.65 U	mg/kg	1.3	0.65	1	12/01/25 07:54	12/02/25 16:54	7782-49-2	
Silver	0.096 U	mg/kg	0.44	0.096	1	12/01/25 07:54	12/02/25 16:54	7440-22-4	

6010 MET ICP, Elutriate Analytical Method: EPA 6010 Preparation Method: EPA 3005

Pace Analytical Services - Ormond Beach

Arsenic	0.0087 I	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:14	7440-38-2	
Barium	0.026	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:14	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:14	7440-43-9	
Chromium	0.0040 I	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:14	7440-47-3	
Lead	0.033	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:14	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:14	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:14	7440-22-4	

6010 MET ICP, TCLP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Leachate Method/Date: EPA 1311; 11/20/25 15:59

Pace Analytical Services - Ormond Beach

Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 12:47	7440-38-2	
Barium	0.010 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 12:47	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 12:47	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 12:47	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 12:47	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 12:47	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 12:47	7440-22-4	

7470 Mercury, Elutriate Analytical Method: EPA 7470 Preparation Method: EPA 7470

Pace Analytical Services - Ormond Beach

Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:22	7439-97-6	Y
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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC2 Lab ID: 35998109002 Collected: 11/14/25 11:15 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:23	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0073 U	mg/kg	0.015	0.0073	1	12/01/25 12:25	12/01/25 15:46	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.057 U	mg/kg	0.13	0.057	1	11/17/25 23:19	11/20/25 00:21	83-32-9	P1
Acenaphthylene	0.019 U	mg/kg	0.12	0.019	1	11/17/25 23:19	11/20/25 00:21	208-96-8	P1
Aniline	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	62-53-3	P1
Anthracene	0.016 U	mg/kg	0.13	0.016	1	11/17/25 23:19	11/20/25 00:21	120-12-7	P1
Benzo(a)anthracene	0.016 U	mg/kg	0.12	0.016	1	11/17/25 23:19	11/20/25 00:21	56-55-3	P1
Benzo(a)pyrene	0.030 U	mg/kg	0.12	0.030	1	11/17/25 23:19	11/20/25 00:21	50-32-8	P1
Benzo(b)fluoranthene	0.032 U	mg/kg	0.12	0.032	1	11/17/25 23:19	11/20/25 00:21	205-99-2	P1
Benzo(g,h,i)perylene	0.030 U	mg/kg	0.12	0.030	1	11/17/25 23:19	11/20/25 00:21	191-24-2	P1
Benzo(k)fluoranthene	0.032 U	mg/kg	0.12	0.032	1	11/17/25 23:19	11/20/25 00:21	207-08-9	P1
Benzyl alcohol	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	100-51-6	P1
4-Bromophenylphenyl ether	0.11 U	mg/kg	0.60	0.11	1	11/17/25 23:19	11/20/25 00:21	101-55-3	P1
Butylbenzylphthalate	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	85-68-7	P1
4-Chloro-3-methylphenol	0.36 U	mg/kg	2.4	0.36	1	11/17/25 23:19	11/20/25 00:21	59-50-7	P1
4-Chloroaniline	0.092 U	mg/kg	0.60	0.092	1	11/17/25 23:19	11/20/25 00:21	106-47-8	P1
bis(2-Chloroethoxy)methane	0.085 U	mg/kg	0.60	0.085	1	11/17/25 23:19	11/20/25 00:21	111-91-1	P1
bis(2-Chloroethyl) ether	0.039 U	mg/kg	0.60	0.039	1	11/17/25 23:19	11/20/25 00:21	111-44-4	P1
2-Chloronaphthalene	0.028 U	mg/kg	0.60	0.028	1	11/17/25 23:19	11/20/25 00:21	91-58-7	P1
2-Chlorophenol	0.096 U	mg/kg	0.60	0.096	1	11/17/25 23:19	11/20/25 00:21	95-57-8	P1
4-Chlorophenylphenyl ether	0.085 U	mg/kg	0.60	0.085	1	11/17/25 23:19	11/20/25 00:21	7005-72-3	P1
Chrysene	0.016 U	mg/kg	0.12	0.016	1	11/17/25 23:19	11/20/25 00:21	218-01-9	P1
Dibenz(a,h)anthracene	0.028 U	mg/kg	0.12	0.028	1	11/17/25 23:19	11/20/25 00:21	53-70-3	P1
Dibenzofuran	0.082 U	mg/kg	0.60	0.082	1	11/17/25 23:19	11/20/25 00:21	132-64-9	P1
1,2-Dichlorobenzene	0.085 U	mg/kg	0.60	0.085	1	11/17/25 23:19	11/20/25 00:21	95-50-1	P1
1,3-Dichlorobenzene	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	541-73-1	P1
1,4-Dichlorobenzene	0.085 U	mg/kg	0.60	0.085	1	11/17/25 23:19	11/20/25 00:21	106-46-7	P1
3,3'-Dichlorobenzidine	0.12 U	mg/kg	2.4	0.12	1	11/17/25 23:19	11/20/25 00:21	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.027 U	mg/kg	0.60	0.027	1	11/17/25 23:19	11/20/25 00:21	120-83-2	P1
Diethylphthalate	0.20 U	mg/kg	0.60	0.20	1	11/17/25 23:19	11/20/25 00:21	84-66-2	P1
2,4-Dimethylphenol	0.11 U	mg/kg	0.60	0.11	1	11/17/25 23:19	11/20/25 00:21	105-67-9	P1
Dimethylphthalate	0.096 U	mg/kg	0.60	0.096	1	11/17/25 23:19	11/20/25 00:21	131-11-3	P1
Di-n-butylphthalate	0.47 U	mg/kg	0.60	0.47	1	11/17/25 23:19	11/20/25 00:21	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.79 U	mg/kg	2.4	0.79	1	11/17/25 23:19	11/20/25 00:21	534-52-1	P1
2,4-Dinitrophenol	0.96 U	mg/kg	2.4	0.96	1	11/17/25 23:19	11/20/25 00:21	51-28-5	P1
2,4-Dinitrotoluene	0.18 U	mg/kg	0.60	0.18	1	11/17/25 23:19	11/20/25 00:21	121-14-2	P1
2,6-Dinitrotoluene	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	606-20-2	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC2 Lab ID: 35998109002 Collected: 11/14/25 11:15 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Di-n-octylphthalate	0.15 U	mg/kg	0.60	0.15	1	11/17/25 23:19	11/20/25 00:21	117-84-0	P1
1,2-Diphenylhydrazine	0.13 U	mg/kg	0.60	0.13	1	11/17/25 23:19	11/20/25 00:21	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	117-81-7	P1
Fluoranthene	0.039 U	mg/kg	0.12	0.039	1	11/17/25 23:19	11/20/25 00:21	206-44-0	P1
Fluorene	0.043 U	mg/kg	0.13	0.043	1	11/17/25 23:19	11/20/25 00:21	86-73-7	P1
Hexachloro-1,3-butadiene	0.043 U	mg/kg	0.60	0.043	1	11/17/25 23:19	11/20/25 00:21	87-68-3	P1
Hexachlorobenzene	0.024 U	mg/kg	0.60	0.024	1	11/17/25 23:19	11/20/25 00:21	118-74-1	P1
Hexachlorocyclopentadiene	0.44 U	mg/kg	2.4	0.44	1	11/17/25 23:19	11/20/25 00:21	77-47-4	P1
Hexachloroethane	0.092 U	mg/kg	0.60	0.092	1	11/17/25 23:19	11/20/25 00:21	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.027 U	mg/kg	0.12	0.027	1	11/17/25 23:19	11/20/25 00:21	193-39-5	P1
Isophorone	0.10 U	mg/kg	0.60	0.10	1	11/17/25 23:19	11/20/25 00:21	78-59-1	P1
1-Methylnaphthalene	0.020 U	mg/kg	0.14	0.020	1	11/17/25 23:19	11/20/25 00:21	90-12-0	P1
2-Methylnaphthalene	0.019 U	mg/kg	0.14	0.019	1	11/17/25 23:19	11/20/25 00:21	91-57-6	P1
2-Methylphenol(o-Cresol)	0.029 U	mg/kg	0.60	0.029	1	11/17/25 23:19	11/20/25 00:21	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.027 U	mg/kg	0.60	0.027	1	11/17/25 23:19	11/20/25 00:21		P1
Naphthalene	0.043 U	mg/kg	0.12	0.043	1	11/17/25 23:19	11/20/25 00:21	91-20-3	P1
2-Nitroaniline	0.15 U	mg/kg	0.60	0.15	1	11/17/25 23:19	11/20/25 00:21	88-74-4	P1
3-Nitroaniline	0.13 U	mg/kg	0.60	0.13	1	11/17/25 23:19	11/20/25 00:21	99-09-2	P1
4-Nitroaniline	0.030 U	mg/kg	0.60	0.030	1	11/17/25 23:19	11/20/25 00:21	100-01-6	P1
Nitrobenzene	0.040 U	mg/kg	0.60	0.040	1	11/17/25 23:19	11/20/25 00:21	98-95-3	P1
2-Nitrophenol	0.19 U	mg/kg	0.60	0.19	1	11/17/25 23:19	11/20/25 00:21	88-75-5	P1
4-Nitrophenol	0.26 U	mg/kg	0.78	0.26	1	11/17/25 23:19	11/20/25 00:21	100-02-7	P1
N-Nitrosodimethylamine	0.039 U	mg/kg	0.60	0.039	1	11/17/25 23:19	11/20/25 00:21	62-75-9	P1
N-Nitroso-di-n-propylamine	0.023 U	mg/kg	0.60	0.023	1	11/17/25 23:19	11/20/25 00:21	621-64-7	P1
N-Nitrosodiphenylamine	0.078 U	mg/kg	0.60	0.078	1	11/17/25 23:19	11/20/25 00:21	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.12 U	mg/kg	0.60	0.12	1	11/17/25 23:19	11/20/25 00:21	108-60-1	P1
Pentachlorophenol	0.31 U	mg/kg	2.4	0.31	1	11/17/25 23:19	11/20/25 00:21	87-86-5	P1
Phenanthrene	0.017 U	mg/kg	0.12	0.017	1	11/17/25 23:19	11/20/25 00:21	85-01-8	P1
Phenol	0.11 U	mg/kg	0.60	0.11	1	11/17/25 23:19	11/20/25 00:21	108-95-2	P1
Pyrene	0.035 U	mg/kg	0.12	0.035	1	11/17/25 23:19	11/20/25 00:21	129-00-0	P1
1,2,4-Trichlorobenzene	0.085 U	mg/kg	0.60	0.085	1	11/17/25 23:19	11/20/25 00:21	120-82-1	P1
2,4,5-Trichlorophenol	0.024 U	mg/kg	0.60	0.024	1	11/17/25 23:19	11/20/25 00:21	95-95-4	P1
2,4,6-Trichlorophenol	0.033 U	mg/kg	0.60	0.033	1	11/17/25 23:19	11/20/25 00:21	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	66	%	24-98		1	11/17/25 23:19	11/20/25 00:21	4165-60-0	
2-Fluorobiphenyl (S)	56	%	29-101		1	11/17/25 23:19	11/20/25 00:21	321-60-8	
p-Terphenyl-d14 (S)	64	%	29-112		1	11/17/25 23:19	11/20/25 00:21	1718-51-0	
Phenol-d6 (S)	58	%	10-104		1	11/17/25 23:19	11/20/25 00:21	13127-88-3	
2-Fluorophenol (S)	56	%	19-95		1	11/17/25 23:19	11/20/25 00:21	367-12-4	
2,4,6-Tribromophenol (S)	63	%	23-110		1	11/17/25 23:19	11/20/25 00:21	118-79-6	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC2 Lab ID: 35998109002 Collected: 11/14/25 11:15 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 17:01	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 17:01	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 17:01	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 17:01	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 17:01	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 17:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 17:01		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 17:01	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 17:01	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 17:01	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 17:01	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 17:01	88-06-2	
Surrogates									
Phenol-d6 (S)	39	%	14-67		1	11/22/25 10:45	12/02/25 17:01	13127-88-3	
2-Fluorobiphenyl (S)	52	%	13-83		1	11/22/25 10:45	12/02/25 17:01	321-60-8	
Nitrobenzene-d5 (S)	54	%	11-95		1	11/22/25 10:45	12/02/25 17:01	4165-60-0	
p-Terphenyl-d14 (S)	63	%	36-129		1	11/22/25 10:45	12/02/25 17:01	1718-51-0	
2-Fluorophenol (S)	43	%	11-72		1	11/22/25 10:45	12/02/25 17:01	367-12-4	
2,4,6-Tribromophenol (S)	48	%	20-123		1	11/22/25 10:45	12/02/25 17:01	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		11/26/25 01:54	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		11/26/25 01:54	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/26/25 01:54	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/26/25 01:54	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/26/25 01:54	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/26/25 01:54	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/26/25 01:54	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/26/25 01:54	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/26/25 01:54	127-18-4	J(v2)
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/26/25 01:54	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/26/25 01:54	75-01-4	J(v1)
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		11/26/25 01:54	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/26/25 01:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/26/25 01:54	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.066 I	mg/kg	0.077	0.034	1	11/15/25 18:50	11/16/25 04:32	67-64-1	
Acetonitrile	0.023 U	mg/kg	0.077	0.023	1	11/15/25 18:50	11/16/25 04:32	75-05-8	
Benzene	0.0015 U	mg/kg	0.0077	0.0015	1	11/15/25 18:50	11/16/25 04:32	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC2 Lab ID: 35998109002 Collected: 11/14/25 11:15 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Bromochloromethane	0.0011 U	mg/kg	0.0077	0.0011	1	11/15/25 18:50	11/16/25 04:32	74-97-5	
Bromodichloromethane	0.0017 U	mg/kg	0.0077	0.0017	1	11/15/25 18:50	11/16/25 04:32	75-27-4	
Bromoform	0.0017 U	mg/kg	0.0077	0.0017	1	11/15/25 18:50	11/16/25 04:32	75-25-2	
Bromomethane	0.0028 U	mg/kg	0.0077	0.0028	1	11/15/25 18:50	11/16/25 04:32	74-83-9	
2-Butanone (MEK)	0.021 U	mg/kg	0.077	0.021	1	11/15/25 18:50	11/16/25 04:32	78-93-3	
Carbon disulfide	0.0041 I	mg/kg	0.0077	0.0038	1	11/15/25 18:50	11/16/25 04:32	75-15-0	
Carbon tetrachloride	0.0018 U	mg/kg	0.0077	0.0018	1	11/15/25 18:50	11/16/25 04:32	56-23-5	
Chlorobenzene	0.0014 U	mg/kg	0.0077	0.0014	1	11/15/25 18:50	11/16/25 04:32	108-90-7	
Chloroethane	0.0032 U	mg/kg	0.0077	0.0032	1	11/15/25 18:50	11/16/25 04:32	75-00-3	
Chloroform	0.0028 U	mg/kg	0.0077	0.0028	1	11/15/25 18:50	11/16/25 04:32	67-66-3	
Chloromethane	0.0030 U	mg/kg	0.0077	0.0030	1	11/15/25 18:50	11/16/25 04:32	74-87-3	
1,2-Dibromo-3-chloropropane	0.0018 U	mg/kg	0.0077	0.0018	1	11/15/25 18:50	11/16/25 04:32	96-12-8	
Dibromochloromethane	0.0013 U	mg/kg	0.0077	0.0013	1	11/15/25 18:50	11/16/25 04:32	124-48-1	
1,2-Dibromoethane (EDB)	0.0011 U	mg/kg	0.0077	0.0011	1	11/15/25 18:50	11/16/25 04:32	106-93-4	
Dibromomethane	0.0011 U	mg/kg	0.0077	0.0011	1	11/15/25 18:50	11/16/25 04:32	74-95-3	
1,2-Dichlorobenzene	0.0012 U	mg/kg	0.0077	0.0012	1	11/15/25 18:50	11/16/25 04:32	95-50-1	J(IS)
1,4-Dichlorobenzene	0.0010 U	mg/kg	0.0077	0.0010	1	11/15/25 18:50	11/16/25 04:32	106-46-7	J(IS)
trans-1,4-Dichloro-2-butene	0.0018 U	mg/kg	0.0077	0.0018	1	11/15/25 18:50	11/16/25 04:32	110-57-6	
1,1-Dichloroethane	0.0015 U	mg/kg	0.0077	0.0015	1	11/15/25 18:50	11/16/25 04:32	75-34-3	
1,2-Dichloroethane	0.0034 U	mg/kg	0.0077	0.0034	1	11/15/25 18:50	11/16/25 04:32	107-06-2	
1,2-Dichloroethene (Total)	0.0047 U	mg/kg	0.0077	0.0047	1	11/15/25 18:50	11/16/25 04:32	540-59-0	
1,1-Dichloroethene	0.0038 U	mg/kg	0.0077	0.0038	1	11/15/25 18:50	11/16/25 04:32	75-35-4	
cis-1,2-Dichloroethene	0.0017 U	mg/kg	0.0077	0.0017	1	11/15/25 18:50	11/16/25 04:32	156-59-2	
trans-1,2-Dichloroethene	0.0020 U	mg/kg	0.0077	0.0020	1	11/15/25 18:50	11/16/25 04:32	156-60-5	
1,2-Dichloropropane	0.0014 U	mg/kg	0.0077	0.0014	1	11/15/25 18:50	11/16/25 04:32	78-87-5	
cis-1,3-Dichloropropene	0.0015 U	mg/kg	0.0077	0.0015	1	11/15/25 18:50	11/16/25 04:32	10061-01-5	
trans-1,3-Dichloropropene	0.0015 U	mg/kg	0.0077	0.0015	1	11/15/25 18:50	11/16/25 04:32	10061-02-6	
Ethylbenzene	0.0018 U	mg/kg	0.0077	0.0018	1	11/15/25 18:50	11/16/25 04:32	100-41-4	
2-Hexanone	0.0077 U	mg/kg	0.038	0.0077	1	11/15/25 18:50	11/16/25 04:32	591-78-6	J(IS)
Iodomethane	0.0034 U	mg/kg	0.015	0.0034	1	11/15/25 18:50	11/16/25 04:32	74-88-4	
Isopropylbenzene (Cumene)	0.0020 U	mg/kg	0.0077	0.0020	1	11/15/25 18:50	11/16/25 04:32	98-82-8	
Methylene Chloride	0.0068 U	mg/kg	0.0077	0.0068	1	11/15/25 18:50	11/16/25 04:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0077 U	mg/kg	0.038	0.0077	1	11/15/25 18:50	11/16/25 04:32	108-10-1	
Methyl-tert-butyl ether	0.0023 U	mg/kg	0.0077	0.0023	1	11/15/25 18:50	11/16/25 04:32	1634-04-4	
Styrene	0.0038 U	mg/kg	0.0077	0.0038	1	11/15/25 18:50	11/16/25 04:32	100-42-5	
1,1,1,2-Tetrachloroethane	0.0015 U	mg/kg	0.0077	0.0015	1	11/15/25 18:50	11/16/25 04:32	630-20-6	
1,1,2,2-Tetrachloroethane	0.00094 U	mg/kg	0.0077	0.00094	1	11/15/25 18:50	11/16/25 04:32	79-34-5	J(IS)
Tetrachloroethene	0.0018 U	mg/kg	0.0077	0.0018	1	11/15/25 18:50	11/16/25 04:32	127-18-4	
Toluene	0.0031 U	mg/kg	0.0077	0.0031	1	11/15/25 18:50	11/16/25 04:32	108-88-3	
1,1,1-Trichloroethane	0.0020 U	mg/kg	0.0077	0.0020	1	11/15/25 18:50	11/16/25 04:32	71-55-6	
1,1,2-Trichloroethane	0.00091 U	mg/kg	0.0077	0.00091	1	11/15/25 18:50	11/16/25 04:32	79-00-5	
Trichloroethene	0.0018 U	mg/kg	0.0077	0.0018	1	11/15/25 18:50	11/16/25 04:32	79-01-6	
Trichlorofluoromethane	0.0038 U	mg/kg	0.0077	0.0038	1	11/15/25 18:50	11/16/25 04:32	75-69-4	
1,2,3-Trichloropropane	0.0023 U	mg/kg	0.0077	0.0023	1	11/15/25 18:50	11/16/25 04:32	96-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC2 Lab ID: 35998109002 Collected: 11/14/25 11:15 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Vinyl acetate	0.0025 U	mg/kg	0.0077	0.0025	1	11/15/25 18:50	11/16/25 04:32	108-05-4	J(v2)
Vinyl chloride	0.0032 U	mg/kg	0.0077	0.0032	1	11/15/25 18:50	11/16/25 04:32	75-01-4	
Xylene (Total)	0.0079 U	mg/kg	0.023	0.0079	1	11/15/25 18:50	11/16/25 04:32	1330-20-7	
m&p-Xylene	0.0079 U	mg/kg	0.015	0.0079	1	11/15/25 18:50	11/16/25 04:32	179601-23-1	
o-Xylene	0.0015 U	mg/kg	0.0077	0.0015	1	11/15/25 18:50	11/16/25 04:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	68-125		1	11/15/25 18:50	11/16/25 04:32	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	11/15/25 18:50	11/16/25 04:32	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	91	%	70-130		1	11/15/25 18:50	11/16/25 04:32	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	44.7	%	0.10	0.10	1		12/01/25 11:37		

Sample: JC3 Lab ID: 35998109003 Collected: 11/14/25 11:35 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	2.9	mg/kg	0.90	0.45	1	12/01/25 07:54	12/02/25 16:57	7440-38-2	
Barium	0.72 I	mg/kg	0.90	0.15	1	12/01/25 07:54	12/02/25 16:57	7440-39-3	
Cadmium	0.086 I	mg/kg	0.090	0.045	1	12/01/25 07:54	12/02/25 16:57	7440-43-9	
Chromium	4.4	mg/kg	0.45	0.22	1	12/01/25 07:54	12/02/25 16:57	7440-47-3	
Lead	1.0	mg/kg	0.90	0.45	1	12/01/25 07:54	12/02/25 16:57	7439-92-1	
Selenium	0.85 I	mg/kg	1.3	0.67	1	12/01/25 07:54	12/02/25 16:57	7782-49-2	
Silver	0.099 U	mg/kg	0.45	0.099	1	12/01/25 07:54	12/02/25 16:57	7440-22-4	
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.0091 I	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:18	7440-38-2	
Barium	0.029	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:18	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:18	7440-43-9	
Chromium	0.0048 I	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:18	7440-47-3	
Lead	0.0029 I	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:18	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:18	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:18	7440-22-4	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC3 Lab ID: 35998109003 Collected: 11/14/25 11:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 12:51	7440-38-2	
Barium	0.0096 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 12:51	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 12:51	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 12:51	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 12:51	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 12:51	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 12:51	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:33	7439-97-6	Y
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:26	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0089 I	mg/kg	0.015	0.0074	1	12/01/25 12:25	12/01/25 15:48	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.050 U	mg/kg	0.11	0.050	1	11/17/25 23:19	11/20/25 00:45	83-32-9	P1
Acenaphthylene	0.017 U	mg/kg	0.11	0.017	1	11/17/25 23:19	11/20/25 00:45	208-96-8	P1
Aniline	0.10 U	mg/kg	0.53	0.10	1	11/17/25 23:19	11/20/25 00:45	62-53-3	P1
Anthracene	0.014 U	mg/kg	0.11	0.014	1	11/17/25 23:19	11/20/25 00:45	120-12-7	P1
Benzo(a)anthracene	0.014 U	mg/kg	0.11	0.014	1	11/17/25 23:19	11/20/25 00:45	56-55-3	P1
Benzo(a)pyrene	0.026 U	mg/kg	0.11	0.026	1	11/17/25 23:19	11/20/25 00:45	50-32-8	P1
Benzo(b)fluoranthene	0.028 U	mg/kg	0.11	0.028	1	11/17/25 23:19	11/20/25 00:45	205-99-2	P1
Benzo(g,h,i)perylene	0.027 U	mg/kg	0.11	0.027	1	11/17/25 23:19	11/20/25 00:45	191-24-2	P1
Benzo(k)fluoranthene	0.028 U	mg/kg	0.11	0.028	1	11/17/25 23:19	11/20/25 00:45	207-08-9	P1
Benzyl alcohol	0.11 U	mg/kg	0.53	0.11	1	11/17/25 23:19	11/20/25 00:45	100-51-6	P1
4-Bromophenylphenyl ether	0.10 U	mg/kg	0.53	0.10	1	11/17/25 23:19	11/20/25 00:45	101-55-3	P1
Butylbenzylphthalate	0.11 U	mg/kg	0.53	0.11	1	11/17/25 23:19	11/20/25 00:45	85-68-7	P1
4-Chloro-3-methylphenol	0.31 U	mg/kg	2.1	0.31	1	11/17/25 23:19	11/20/25 00:45	59-50-7	P1
4-Chloroaniline	0.081 U	mg/kg	0.53	0.081	1	11/17/25 23:19	11/20/25 00:45	106-47-8	P1
bis(2-Chloroethoxy)methane	0.075 U	mg/kg	0.53	0.075	1	11/17/25 23:19	11/20/25 00:45	111-91-1	P1
bis(2-Chloroethyl) ether	0.034 U	mg/kg	0.53	0.034	1	11/17/25 23:19	11/20/25 00:45	111-44-4	P1
2-Chloronaphthalene	0.025 U	mg/kg	0.53	0.025	1	11/17/25 23:19	11/20/25 00:45	91-58-7	P1
2-Chlorophenol	0.085 U	mg/kg	0.53	0.085	1	11/17/25 23:19	11/20/25 00:45	95-57-8	P1
4-Chlorophenylphenyl ether	0.075 U	mg/kg	0.53	0.075	1	11/17/25 23:19	11/20/25 00:45	7005-72-3	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC3 Lab ID: 35998109003 Collected: 11/14/25 11:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Chrysene	0.014 U	mg/kg	0.11	0.014	1	11/17/25 23:19	11/20/25 00:45	218-01-9	P1
Dibenz(a,h)anthracene	0.024 U	mg/kg	0.11	0.024	1	11/17/25 23:19	11/20/25 00:45	53-70-3	P1
Dibenzofuran	0.072 U	mg/kg	0.53	0.072	1	11/17/25 23:19	11/20/25 00:45	132-64-9	P1
1,2-Dichlorobenzene	0.075 U	mg/kg	0.53	0.075	1	11/17/25 23:19	11/20/25 00:45	95-50-1	P1
1,3-Dichlorobenzene	0.10 U	mg/kg	0.53	0.10	1	11/17/25 23:19	11/20/25 00:45	541-73-1	P1
1,4-Dichlorobenzene	0.075 U	mg/kg	0.53	0.075	1	11/17/25 23:19	11/20/25 00:45	106-46-7	P1
3,3'-Dichlorobenzidine	0.10 U	mg/kg	2.1	0.10	1	11/17/25 23:19	11/20/25 00:45	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.023 U	mg/kg	0.53	0.023	1	11/17/25 23:19	11/20/25 00:45	120-83-2	P1
Diethylphthalate	0.18 U	mg/kg	0.53	0.18	1	11/17/25 23:19	11/20/25 00:45	84-66-2	P1
2,4-Dimethylphenol	0.094 U	mg/kg	0.53	0.094	1	11/17/25 23:19	11/20/25 00:45	105-67-9	P1
Dimethylphthalate	0.085 U	mg/kg	0.53	0.085	1	11/17/25 23:19	11/20/25 00:45	131-11-3	P1
Di-n-butylphthalate	0.42 U	mg/kg	0.53	0.42	1	11/17/25 23:19	11/20/25 00:45	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.70 U	mg/kg	2.1	0.70	1	11/17/25 23:19	11/20/25 00:45	534-52-1	P1
2,4-Dinitrophenol	0.85 U	mg/kg	2.1	0.85	1	11/17/25 23:19	11/20/25 00:45	51-28-5	P1
2,4-Dinitrotoluene	0.16 U	mg/kg	0.53	0.16	1	11/17/25 23:19	11/20/25 00:45	121-14-2	P1
2,6-Dinitrotoluene	0.10 U	mg/kg	0.53	0.10	1	11/17/25 23:19	11/20/25 00:45	606-20-2	P1
Di-n-octylphthalate	0.13 U	mg/kg	0.53	0.13	1	11/17/25 23:19	11/20/25 00:45	117-84-0	P1
1,2-Diphenylhydrazine	0.12 U	mg/kg	0.53	0.12	1	11/17/25 23:19	11/20/25 00:45	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.11 U	mg/kg	0.53	0.11	1	11/17/25 23:19	11/20/25 00:45	117-81-7	P1
Fluoranthene	0.034 U	mg/kg	0.11	0.034	1	11/17/25 23:19	11/20/25 00:45	206-44-0	P1
Fluorene	0.038 U	mg/kg	0.12	0.038	1	11/17/25 23:19	11/20/25 00:45	86-73-7	P1
Hexachloro-1,3-butadiene	0.038 U	mg/kg	0.53	0.038	1	11/17/25 23:19	11/20/25 00:45	87-68-3	P1
Hexachlorobenzene	0.021 U	mg/kg	0.53	0.021	1	11/17/25 23:19	11/20/25 00:45	118-74-1	P1
Hexachlorocyclopentadiene	0.39 U	mg/kg	2.1	0.39	1	11/17/25 23:19	11/20/25 00:45	77-47-4	P1
Hexachloroethane	0.081 U	mg/kg	0.53	0.081	1	11/17/25 23:19	11/20/25 00:45	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.024 U	mg/kg	0.11	0.024	1	11/17/25 23:19	11/20/25 00:45	193-39-5	P1
Isophorone	0.091 U	mg/kg	0.53	0.091	1	11/17/25 23:19	11/20/25 00:45	78-59-1	P1
1-Methylnaphthalene	0.018 U	mg/kg	0.13	0.018	1	11/17/25 23:19	11/20/25 00:45	90-12-0	P1
2-Methylnaphthalene	0.017 U	mg/kg	0.12	0.017	1	11/17/25 23:19	11/20/25 00:45	91-57-6	P1
2-Methylphenol(o-Cresol)	0.025 U	mg/kg	0.53	0.025	1	11/17/25 23:19	11/20/25 00:45	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.024 U	mg/kg	0.53	0.024	1	11/17/25 23:19	11/20/25 00:45		P1
Naphthalene	0.038 U	mg/kg	0.11	0.038	1	11/17/25 23:19	11/20/25 00:45	91-20-3	P1
2-Nitroaniline	0.13 U	mg/kg	0.53	0.13	1	11/17/25 23:19	11/20/25 00:45	88-74-4	P1
3-Nitroaniline	0.12 U	mg/kg	0.53	0.12	1	11/17/25 23:19	11/20/25 00:45	99-09-2	P1
4-Nitroaniline	0.027 U	mg/kg	0.53	0.027	1	11/17/25 23:19	11/20/25 00:45	100-01-6	P1
Nitrobenzene	0.035 U	mg/kg	0.53	0.035	1	11/17/25 23:19	11/20/25 00:45	98-95-3	P1
2-Nitrophenol	0.17 U	mg/kg	0.53	0.17	1	11/17/25 23:19	11/20/25 00:45	88-75-5	P1
4-Nitrophenol	0.23 U	mg/kg	0.68	0.23	1	11/17/25 23:19	11/20/25 00:45	100-02-7	P1
N-Nitrosodimethylamine	0.034 U	mg/kg	0.53	0.034	1	11/17/25 23:19	11/20/25 00:45	62-75-9	P1
N-Nitroso-di-n-propylamine	0.021 U	mg/kg	0.53	0.021	1	11/17/25 23:19	11/20/25 00:45	621-64-7	P1
N-Nitrosodiphenylamine	0.069 U	mg/kg	0.53	0.069	1	11/17/25 23:19	11/20/25 00:45	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.11 U	mg/kg	0.53	0.11	1	11/17/25 23:19	11/20/25 00:45	108-60-1	P1
Pentachlorophenol	0.27 U	mg/kg	2.1	0.27	1	11/17/25 23:19	11/20/25 00:45	87-86-5	P1
Phenanthrene	0.015 U	mg/kg	0.11	0.015	1	11/17/25 23:19	11/20/25 00:45	85-01-8	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC3 Lab ID: 35998109003 Collected: 11/14/25 11:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Phenol	0.10 U	mg/kg	0.53	0.10	1	11/17/25 23:19	11/20/25 00:45	108-95-2	P1
Pyrene	0.031 U	mg/kg	0.11	0.031	1	11/17/25 23:19	11/20/25 00:45	129-00-0	P1
1,2,4-Trichlorobenzene	0.075 U	mg/kg	0.53	0.075	1	11/17/25 23:19	11/20/25 00:45	120-82-1	P1
2,4,5-Trichlorophenol	0.021 U	mg/kg	0.53	0.021	1	11/17/25 23:19	11/20/25 00:45	95-95-4	P1
2,4,6-Trichlorophenol	0.029 U	mg/kg	0.53	0.029	1	11/17/25 23:19	11/20/25 00:45	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	52	%	24-98		1	11/17/25 23:19	11/20/25 00:45	4165-60-0	
2-Fluorobiphenyl (S)	31	%	29-101		1	11/17/25 23:19	11/20/25 00:45	321-60-8	
p-Terphenyl-d14 (S)	30	%	29-112		1	11/17/25 23:19	11/20/25 00:45	1718-51-0	
Phenol-d6 (S)	47	%	10-104		1	11/17/25 23:19	11/20/25 00:45	13127-88-3	
2-Fluorophenol (S)	48	%	19-95		1	11/17/25 23:19	11/20/25 00:45	367-12-4	
2,4,6-Tribromophenol (S)	47	%	23-110		1	11/17/25 23:19	11/20/25 00:45	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 17:24	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 17:24	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 17:24	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 17:24	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 17:24	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 17:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 17:24		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 17:24	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 17:24	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 17:24	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 17:24	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 17:24	88-06-2	
Surrogates									
Phenol-d6 (S)	42	%	14-67		1	11/22/25 10:45	12/02/25 17:24	13127-88-3	
2-Fluorobiphenyl (S)	59	%	13-83		1	11/22/25 10:45	12/02/25 17:24	321-60-8	
Nitrobenzene-d5 (S)	61	%	11-95		1	11/22/25 10:45	12/02/25 17:24	4165-60-0	
p-Terphenyl-d14 (S)	66	%	36-129		1	11/22/25 10:45	12/02/25 17:24	1718-51-0	
2-Fluorophenol (S)	46	%	11-72		1	11/22/25 10:45	12/02/25 17:24	367-12-4	
2,4,6-Tribromophenol (S)	58	%	20-123		1	11/22/25 10:45	12/02/25 17:24	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		11/26/25 02:19	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		11/26/25 02:19	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/26/25 02:19	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/26/25 02:19	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/26/25 02:19	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/26/25 02:19	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC3 Lab ID: 35998109003 Collected: 11/14/25 11:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/26/25 02:19	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/26/25 02:19	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/26/25 02:19	127-18-4	J(v2)
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/26/25 02:19	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/26/25 02:19	75-01-4	J(v1)
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		11/26/25 02:19	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/26/25 02:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/26/25 02:19	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.085	mg/kg	0.070	0.030	1	11/15/25 18:50	11/16/25 04:55	67-64-1	
Acetonitrile	0.021 U	mg/kg	0.070	0.021	1	11/15/25 18:50	11/16/25 04:55	75-05-8	
Benzene	0.0014 U	mg/kg	0.0070	0.0014	1	11/15/25 18:50	11/16/25 04:55	71-43-2	
Bromochloromethane	0.0010 U	mg/kg	0.0070	0.0010	1	11/15/25 18:50	11/16/25 04:55	74-97-5	
Bromodichloromethane	0.0015 U	mg/kg	0.0070	0.0015	1	11/15/25 18:50	11/16/25 04:55	75-27-4	
Bromoform	0.0015 U	mg/kg	0.0070	0.0015	1	11/15/25 18:50	11/16/25 04:55	75-25-2	
Bromomethane	0.0025 U	mg/kg	0.0070	0.0025	1	11/15/25 18:50	11/16/25 04:55	74-83-9	
2-Butanone (MEK)	0.019 U	mg/kg	0.070	0.019	1	11/15/25 18:50	11/16/25 04:55	78-93-3	
Carbon disulfide	0.0073	mg/kg	0.0070	0.0035	1	11/15/25 18:50	11/16/25 04:55	75-15-0	
Carbon tetrachloride	0.0017 U	mg/kg	0.0070	0.0017	1	11/15/25 18:50	11/16/25 04:55	56-23-5	
Chlorobenzene	0.0013 U	mg/kg	0.0070	0.0013	1	11/15/25 18:50	11/16/25 04:55	108-90-7	
Chloroethane	0.0029 U	mg/kg	0.0070	0.0029	1	11/15/25 18:50	11/16/25 04:55	75-00-3	
Chloroform	0.0025 U	mg/kg	0.0070	0.0025	1	11/15/25 18:50	11/16/25 04:55	67-66-3	
Chloromethane	0.0027 U	mg/kg	0.0070	0.0027	1	11/15/25 18:50	11/16/25 04:55	74-87-3	
1,2-Dibromo-3-chloropropane	0.0017 U	mg/kg	0.0070	0.0017	1	11/15/25 18:50	11/16/25 04:55	96-12-8	
Dibromochloromethane	0.0012 U	mg/kg	0.0070	0.0012	1	11/15/25 18:50	11/16/25 04:55	124-48-1	
1,2-Dibromoethane (EDB)	0.0010 U	mg/kg	0.0070	0.0010	1	11/15/25 18:50	11/16/25 04:55	106-93-4	
Dibromomethane	0.00099 U	mg/kg	0.0070	0.00099	1	11/15/25 18:50	11/16/25 04:55	74-95-3	
1,2-Dichlorobenzene	0.0011 U	mg/kg	0.0070	0.0011	1	11/15/25 18:50	11/16/25 04:55	95-50-1	
1,4-Dichlorobenzene	0.00093 U	mg/kg	0.0070	0.00093	1	11/15/25 18:50	11/16/25 04:55	106-46-7	
trans-1,4-Dichloro-2-butene	0.0017 U	mg/kg	0.0070	0.0017	1	11/15/25 18:50	11/16/25 04:55	110-57-6	
1,1-Dichloroethane	0.0014 U	mg/kg	0.0070	0.0014	1	11/15/25 18:50	11/16/25 04:55	75-34-3	
1,2-Dichloroethane	0.0031 U	mg/kg	0.0070	0.0031	1	11/15/25 18:50	11/16/25 04:55	107-06-2	
1,2-Dichloroethene (Total)	0.0042 U	mg/kg	0.0070	0.0042	1	11/15/25 18:50	11/16/25 04:55	540-59-0	
1,1-Dichloroethene	0.0035 U	mg/kg	0.0070	0.0035	1	11/15/25 18:50	11/16/25 04:55	75-35-4	
cis-1,2-Dichloroethene	0.0015 U	mg/kg	0.0070	0.0015	1	11/15/25 18:50	11/16/25 04:55	156-59-2	
trans-1,2-Dichloroethene	0.0018 U	mg/kg	0.0070	0.0018	1	11/15/25 18:50	11/16/25 04:55	156-60-5	
1,2-Dichloropropane	0.0013 U	mg/kg	0.0070	0.0013	1	11/15/25 18:50	11/16/25 04:55	78-87-5	
cis-1,3-Dichloropropene	0.0014 U	mg/kg	0.0070	0.0014	1	11/15/25 18:50	11/16/25 04:55	10061-01-5	
trans-1,3-Dichloropropene	0.0014 U	mg/kg	0.0070	0.0014	1	11/15/25 18:50	11/16/25 04:55	10061-02-6	
Ethylbenzene	0.0017 U	mg/kg	0.0070	0.0017	1	11/15/25 18:50	11/16/25 04:55	100-41-4	
2-Hexanone	0.0070 U	mg/kg	0.035	0.0070	1	11/15/25 18:50	11/16/25 04:55	591-78-6	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC3 Lab ID: 35998109003 Collected: 11/14/25 11:35 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Iodomethane	0.0031 U	mg/kg	0.014	0.0031	1	11/15/25 18:50	11/16/25 04:55	74-88-4	
Isopropylbenzene (Cumene)	0.0018 U	mg/kg	0.0070	0.0018	1	11/15/25 18:50	11/16/25 04:55	98-82-8	
Methylene Chloride	0.0061 U	mg/kg	0.0070	0.0061	1	11/15/25 18:50	11/16/25 04:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0070 U	mg/kg	0.035	0.0070	1	11/15/25 18:50	11/16/25 04:55	108-10-1	
Methyl-tert-butyl ether	0.0021 U	mg/kg	0.0070	0.0021	1	11/15/25 18:50	11/16/25 04:55	1634-04-4	
Styrene	0.0035 U	mg/kg	0.0070	0.0035	1	11/15/25 18:50	11/16/25 04:55	100-42-5	
1,1,1,2-Tetrachloroethane	0.0014 U	mg/kg	0.0070	0.0014	1	11/15/25 18:50	11/16/25 04:55	630-20-6	
1,1,2,2-Tetrachloroethane	0.00085 U	mg/kg	0.0070	0.00085	1	11/15/25 18:50	11/16/25 04:55	79-34-5	
Tetrachloroethene	0.0017 U	mg/kg	0.0070	0.0017	1	11/15/25 18:50	11/16/25 04:55	127-18-4	
Toluene	0.0028 U	mg/kg	0.0070	0.0028	1	11/15/25 18:50	11/16/25 04:55	108-88-3	
1,1,1-Trichloroethane	0.0018 U	mg/kg	0.0070	0.0018	1	11/15/25 18:50	11/16/25 04:55	71-55-6	
1,1,2-Trichloroethane	0.00082 U	mg/kg	0.0070	0.00082	1	11/15/25 18:50	11/16/25 04:55	79-00-5	
Trichloroethene	0.0017 U	mg/kg	0.0070	0.0017	1	11/15/25 18:50	11/16/25 04:55	79-01-6	
Trichlorofluoromethane	0.0035 U	mg/kg	0.0070	0.0035	1	11/15/25 18:50	11/16/25 04:55	75-69-4	
1,2,3-Trichloropropane	0.0021 U	mg/kg	0.0070	0.0021	1	11/15/25 18:50	11/16/25 04:55	96-18-4	
Vinyl acetate	0.0022 U	mg/kg	0.0070	0.0022	1	11/15/25 18:50	11/16/25 04:55	108-05-4	J(v2)
Vinyl chloride	0.0029 U	mg/kg	0.0070	0.0029	1	11/15/25 18:50	11/16/25 04:55	75-01-4	
Xylene (Total)	0.0072 U	mg/kg	0.021	0.0072	1	11/15/25 18:50	11/16/25 04:55	1330-20-7	
m&p-Xylene	0.0072 U	mg/kg	0.014	0.0072	1	11/15/25 18:50	11/16/25 04:55	179601-23-1	
o-Xylene	0.0013 U	mg/kg	0.0070	0.0013	1	11/15/25 18:50	11/16/25 04:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	68-125		1	11/15/25 18:50	11/16/25 04:55	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	11/15/25 18:50	11/16/25 04:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	11/15/25 18:50	11/16/25 04:55	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Ormond Beach

Percent Moisture 37.7 % 0.10 0.10 1 12/01/25 11:37

Sample: JC4 Lab ID: 35998109004 Collected: 11/14/25 11:55 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	40.4	mg/kg	1.3	0.66	1	12/01/25 07:54	12/02/25 17:00	7440-38-2	
Barium	1.8	mg/kg	1.3	0.22	1	12/01/25 07:54	12/02/25 17:00	7440-39-3	
Cadmium	0.082 I	mg/kg	0.13	0.066	1	12/01/25 07:54	12/02/25 17:00	7440-43-9	
Chromium	3.0	mg/kg	0.66	0.33	1	12/01/25 07:54	12/02/25 17:00	7440-47-3	
Lead	0.91 I	mg/kg	1.3	0.66	1	12/01/25 07:54	12/02/25 17:00	7439-92-1	
Selenium	1.7 I	mg/kg	2.0	0.99	1	12/01/25 07:54	12/02/25 17:00	7782-49-2	
Silver	0.15 U	mg/kg	0.66	0.15	1	12/01/25 07:54	12/02/25 17:00	7440-22-4	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC4 Lab ID: 35998109004 Collected: 11/14/25 11:55 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.21	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:23	7440-38-2	
Barium	0.032	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:23	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:23	7440-43-9	
Chromium	0.0020 I	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:23	7440-47-3	
Lead	0.0021 U	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:23	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:23	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:23	7440-22-4	
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.16	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 12:56	7440-38-2	
Barium	0.015 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 12:56	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 12:56	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 12:56	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 12:56	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 12:56	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 12:56	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:36	7439-97-6	Y
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:28	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.044	mg/kg	0.018	0.0092	1	12/01/25 12:25	12/01/25 15:50	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.066 U	mg/kg	0.15	0.066	1	11/17/25 23:19	11/20/25 01:09	83-32-9	P1
Acenaphthylene	0.022 U	mg/kg	0.14	0.022	1	11/17/25 23:19	11/20/25 01:09	208-96-8	P1
Aniline	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	62-53-3	P1
Anthracene	0.019 U	mg/kg	0.15	0.019	1	11/17/25 23:19	11/20/25 01:09	120-12-7	P1
Benzo(a)anthracene	0.018 U	mg/kg	0.14	0.018	1	11/17/25 23:19	11/20/25 01:09	56-55-3	P1
Benzo(a)pyrene	0.034 U	mg/kg	0.14	0.034	1	11/17/25 23:19	11/20/25 01:09	50-32-8	P1
Benzo(b)fluoranthene	0.037 U	mg/kg	0.14	0.037	1	11/17/25 23:19	11/20/25 01:09	205-99-2	P1
Benzo(g,h,i)perylene	0.035 U	mg/kg	0.14	0.035	1	11/17/25 23:19	11/20/25 01:09	191-24-2	P1
Benzo(k)fluoranthene	0.037 U	mg/kg	0.14	0.037	1	11/17/25 23:19	11/20/25 01:09	207-08-9	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC4 Lab ID: 35998109004 Collected: 11/14/25 11:55 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Benzyl alcohol	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	100-51-6	P1
4-Bromophenylphenyl ether	0.13 U	mg/kg	0.70	0.13	1	11/17/25 23:19	11/20/25 01:09	101-55-3	P1
Butylbenzylphthalate	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	85-68-7	P1
4-Chloro-3-methylphenol	0.41 U	mg/kg	2.7	0.41	1	11/17/25 23:19	11/20/25 01:09	59-50-7	P1
4-Chloroaniline	0.11 U	mg/kg	0.70	0.11	1	11/17/25 23:19	11/20/25 01:09	106-47-8	P1
bis(2-Chloroethoxy)methane	0.098 U	mg/kg	0.70	0.098	1	11/17/25 23:19	11/20/25 01:09	111-91-1	P1
bis(2-Chloroethyl) ether	0.045 U	mg/kg	0.70	0.045	1	11/17/25 23:19	11/20/25 01:09	111-44-4	P1
2-Chloronaphthalene	0.033 U	mg/kg	0.70	0.033	1	11/17/25 23:19	11/20/25 01:09	91-58-7	P1
2-Chlorophenol	0.11 U	mg/kg	0.70	0.11	1	11/17/25 23:19	11/20/25 01:09	95-57-8	P1
4-Chlorophenylphenyl ether	0.098 U	mg/kg	0.70	0.098	1	11/17/25 23:19	11/20/25 01:09	7005-72-3	P1
Chrysene	0.018 U	mg/kg	0.14	0.018	1	11/17/25 23:19	11/20/25 01:09	218-01-9	P1
Dibenz(a,h)anthracene	0.032 U	mg/kg	0.14	0.032	1	11/17/25 23:19	11/20/25 01:09	53-70-3	P1
Dibenzofuran	0.094 U	mg/kg	0.70	0.094	1	11/17/25 23:19	11/20/25 01:09	132-64-9	P1
1,2-Dichlorobenzene	0.098 U	mg/kg	0.70	0.098	1	11/17/25 23:19	11/20/25 01:09	95-50-1	P1
1,3-Dichlorobenzene	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	541-73-1	P1
1,4-Dichlorobenzene	0.098 U	mg/kg	0.70	0.098	1	11/17/25 23:19	11/20/25 01:09	106-46-7	P1
3,3'-Dichlorobenzidine	0.14 U	mg/kg	2.7	0.14	1	11/17/25 23:19	11/20/25 01:09	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.031 U	mg/kg	0.70	0.031	1	11/17/25 23:19	11/20/25 01:09	120-83-2	P1
Diethylphthalate	0.23 U	mg/kg	0.70	0.23	1	11/17/25 23:19	11/20/25 01:09	84-66-2	P1
2,4-Dimethylphenol	0.12 U	mg/kg	0.70	0.12	1	11/17/25 23:19	11/20/25 01:09	105-67-9	P1
Dimethylphthalate	0.11 U	mg/kg	0.70	0.11	1	11/17/25 23:19	11/20/25 01:09	131-11-3	P1
Di-n-butylphthalate	0.54 U	mg/kg	0.70	0.54	1	11/17/25 23:19	11/20/25 01:09	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.91 U	mg/kg	2.7	0.91	1	11/17/25 23:19	11/20/25 01:09	534-52-1	P1
2,4-Dinitrophenol	1.1 U	mg/kg	2.7	1.1	1	11/17/25 23:19	11/20/25 01:09	51-28-5	P1
2,4-Dinitrotoluene	0.21 U	mg/kg	0.70	0.21	1	11/17/25 23:19	11/20/25 01:09	121-14-2	P1
2,6-Dinitrotoluene	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	606-20-2	P1
Di-n-octylphthalate	0.17 U	mg/kg	0.70	0.17	1	11/17/25 23:19	11/20/25 01:09	117-84-0	P1
1,2-Diphenylhydrazine	0.15 U	mg/kg	0.70	0.15	1	11/17/25 23:19	11/20/25 01:09	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	117-81-7	P1
Fluoranthene	0.045 U	mg/kg	0.14	0.045	1	11/17/25 23:19	11/20/25 01:09	206-44-0	P1
Fluorene	0.049 U	mg/kg	0.15	0.049	1	11/17/25 23:19	11/20/25 01:09	86-73-7	P1
Hexachloro-1,3-butadiene	0.049 U	mg/kg	0.70	0.049	1	11/17/25 23:19	11/20/25 01:09	87-68-3	P1
Hexachlorobenzene	0.027 U	mg/kg	0.70	0.027	1	11/17/25 23:19	11/20/25 01:09	118-74-1	P1
Hexachlorocyclopentadiene	0.50 U	mg/kg	2.7	0.50	1	11/17/25 23:19	11/20/25 01:09	77-47-4	P1
Hexachloroethane	0.11 U	mg/kg	0.70	0.11	1	11/17/25 23:19	11/20/25 01:09	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.032 U	mg/kg	0.14	0.032	1	11/17/25 23:19	11/20/25 01:09	193-39-5	P1
Isophorone	0.12 U	mg/kg	0.70	0.12	1	11/17/25 23:19	11/20/25 01:09	78-59-1	P1
1-Methylnaphthalene	0.023 U	mg/kg	0.16	0.023	1	11/17/25 23:19	11/20/25 01:09	90-12-0	P1
2-Methylnaphthalene	0.022 U	mg/kg	0.16	0.022	1	11/17/25 23:19	11/20/25 01:09	91-57-6	P1
2-Methylphenol(o-Cresol)	0.033 U	mg/kg	0.70	0.033	1	11/17/25 23:19	11/20/25 01:09	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.032 U	mg/kg	0.70	0.032	1	11/17/25 23:19	11/20/25 01:09		P1
Naphthalene	0.049 U	mg/kg	0.14	0.049	1	11/17/25 23:19	11/20/25 01:09	91-20-3	P1
2-Nitroaniline	0.17 U	mg/kg	0.70	0.17	1	11/17/25 23:19	11/20/25 01:09	88-74-4	P1
3-Nitroaniline	0.15 U	mg/kg	0.70	0.15	1	11/17/25 23:19	11/20/25 01:09	99-09-2	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC4 Lab ID: 35998109004 Collected: 11/14/25 11:55 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
4-Nitroaniline	0.035 U	mg/kg	0.70	0.035	1	11/17/25 23:19	11/20/25 01:09	100-01-6	P1
Nitrobenzene	0.046 U	mg/kg	0.70	0.046	1	11/17/25 23:19	11/20/25 01:09	98-95-3	P1
2-Nitrophenol	0.22 U	mg/kg	0.70	0.22	1	11/17/25 23:19	11/20/25 01:09	88-75-5	P1
4-Nitrophenol	0.30 U	mg/kg	0.89	0.30	1	11/17/25 23:19	11/20/25 01:09	100-02-7	P1
N-Nitrosodimethylamine	0.045 U	mg/kg	0.70	0.045	1	11/17/25 23:19	11/20/25 01:09	62-75-9	P1
N-Nitroso-di-n-propylamine	0.027 U	mg/kg	0.70	0.027	1	11/17/25 23:19	11/20/25 01:09	621-64-7	P1
N-Nitrosodiphenylamine	0.090 U	mg/kg	0.70	0.090	1	11/17/25 23:19	11/20/25 01:09	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.14 U	mg/kg	0.70	0.14	1	11/17/25 23:19	11/20/25 01:09	108-60-1	P1
Pentachlorophenol	0.36 U	mg/kg	2.7	0.36	1	11/17/25 23:19	11/20/25 01:09	87-86-5	P1
Phenanthrene	0.020 U	mg/kg	0.14	0.020	1	11/17/25 23:19	11/20/25 01:09	85-01-8	P1
Phenol	0.13 U	mg/kg	0.70	0.13	1	11/17/25 23:19	11/20/25 01:09	108-95-2	P1
Pyrene	0.041 U	mg/kg	0.14	0.041	1	11/17/25 23:19	11/20/25 01:09	129-00-0	P1
1,2,4-Trichlorobenzene	0.098 U	mg/kg	0.70	0.098	1	11/17/25 23:19	11/20/25 01:09	120-82-1	P1
2,4,5-Trichlorophenol	0.027 U	mg/kg	0.70	0.027	1	11/17/25 23:19	11/20/25 01:09	95-95-4	P1
2,4,6-Trichlorophenol	0.038 U	mg/kg	0.70	0.038	1	11/17/25 23:19	11/20/25 01:09	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	44	%	24-98		1	11/17/25 23:19	11/20/25 01:09	4165-60-0	
2-Fluorobiphenyl (S)	28	%	29-101		1	11/17/25 23:19	11/20/25 01:09	321-60-8	J(S0)
p-Terphenyl-d14 (S)	33	%	29-112		1	11/17/25 23:19	11/20/25 01:09	1718-51-0	
Phenol-d6 (S)	42	%	10-104		1	11/17/25 23:19	11/20/25 01:09	13127-88-3	
2-Fluorophenol (S)	40	%	19-95		1	11/17/25 23:19	11/20/25 01:09	367-12-4	
2,4,6-Tribromophenol (S)	52	%	23-110		1	11/17/25 23:19	11/20/25 01:09	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 17:47	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 17:47	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 17:47	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 17:47	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 17:47	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 17:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 17:47		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 17:47	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 17:47	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 17:47	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 17:47	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 17:47	88-06-2	
Surrogates									
Phenol-d6 (S)	43	%	14-67		1	11/22/25 10:45	12/02/25 17:47	13127-88-3	
2-Fluorobiphenyl (S)	58	%	13-83		1	11/22/25 10:45	12/02/25 17:47	321-60-8	
Nitrobenzene-d5 (S)	62	%	11-95		1	11/22/25 10:45	12/02/25 17:47	4165-60-0	
p-Terphenyl-d14 (S)	66	%	36-129		1	11/22/25 10:45	12/02/25 17:47	1718-51-0	
2-Fluorophenol (S)	49	%	11-72		1	11/22/25 10:45	12/02/25 17:47	367-12-4	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC4 Lab ID: 35998109004 Collected: 11/14/25 11:55 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	54	%	20-123		1	11/22/25 10:45	12/02/25 17:47	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		11/26/25 02:43	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		11/26/25 02:43	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/26/25 02:43	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/26/25 02:43	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/26/25 02:43	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/26/25 02:43	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/26/25 02:43	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/26/25 02:43	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/26/25 02:43	127-18-4	J(v2)
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/26/25 02:43	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/26/25 02:43	75-01-4	J(v1)
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/26/25 02:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/26/25 02:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/26/25 02:43	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.16	mg/kg	0.12	0.054	1	11/17/25 11:10	11/17/25 17:06	67-64-1	
Acetonitrile	0.036 U	mg/kg	0.12	0.036	1	11/17/25 11:10	11/17/25 17:06	75-05-8	
Benzene	0.0025 U	mg/kg	0.012	0.0025	1	11/17/25 11:10	11/17/25 17:06	71-43-2	
Bromochloromethane	0.0018 U	mg/kg	0.012	0.0018	1	11/17/25 11:10	11/17/25 17:06	74-97-5	
Bromodichloromethane	0.0027 U	mg/kg	0.012	0.0027	1	11/17/25 11:10	11/17/25 17:06	75-27-4	
Bromoform	0.0027 U	mg/kg	0.012	0.0027	1	11/17/25 11:10	11/17/25 17:06	75-25-2	
Bromomethane	0.0044 U	mg/kg	0.012	0.0044	1	11/17/25 11:10	11/17/25 17:06	74-83-9	
2-Butanone (MEK)	0.033 U	mg/kg	0.12	0.033	1	11/17/25 11:10	11/17/25 17:06	78-93-3	
Carbon disulfide	0.019	mg/kg	0.012	0.0062	1	11/17/25 11:10	11/17/25 17:06	75-15-0	
Carbon tetrachloride	0.0030 U	mg/kg	0.012	0.0030	1	11/17/25 11:10	11/17/25 17:06	56-23-5	
Chlorobenzene	0.0023 U	mg/kg	0.012	0.0023	1	11/17/25 11:10	11/17/25 17:06	108-90-7	
Chloroethane	0.0052 U	mg/kg	0.012	0.0052	1	11/17/25 11:10	11/17/25 17:06	75-00-3	
Chloroform	0.0045 U	mg/kg	0.012	0.0045	1	11/17/25 11:10	11/17/25 17:06	67-66-3	
Chloromethane	0.0048 U	mg/kg	0.012	0.0048	1	11/17/25 11:10	11/17/25 17:06	74-87-3	
1,2-Dibromo-3-chloropropane	0.0030 U	mg/kg	0.012	0.0030	1	11/17/25 11:10	11/17/25 17:06	96-12-8	
Dibromochloromethane	0.0021 U	mg/kg	0.012	0.0021	1	11/17/25 11:10	11/17/25 17:06	124-48-1	
1,2-Dibromoethane (EDB)	0.0018 U	mg/kg	0.012	0.0018	1	11/17/25 11:10	11/17/25 17:06	106-93-4	
Dibromomethane	0.0017 U	mg/kg	0.012	0.0017	1	11/17/25 11:10	11/17/25 17:06	74-95-3	
1,2-Dichlorobenzene	0.0019 U	mg/kg	0.012	0.0019	1	11/17/25 11:10	11/17/25 17:06	95-50-1	J(IS)
1,4-Dichlorobenzene	0.0016 U	mg/kg	0.012	0.0016	1	11/17/25 11:10	11/17/25 17:06	106-46-7	J(IS)

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC4 Lab ID: 35998109004 Collected: 11/14/25 11:55 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
trans-1,4-Dichloro-2-butene	0.0030 U	mg/kg	0.012	0.0030	1	11/17/25 11:10	11/17/25 17:06	110-57-6	J(IS)
1,1-Dichloroethane	0.0024 U	mg/kg	0.012	0.0024	1	11/17/25 11:10	11/17/25 17:06	75-34-3	
1,2-Dichloroethane	0.0054 U	mg/kg	0.012	0.0054	1	11/17/25 11:10	11/17/25 17:06	107-06-2	
1,2-Dichloroethene (Total)	0.0075 U	mg/kg	0.012	0.0075	1	11/17/25 11:10	11/17/25 17:06	540-59-0	
1,1-Dichloroethene	0.0062 U	mg/kg	0.012	0.0062	1	11/17/25 11:10	11/17/25 17:06	75-35-4	
cis-1,2-Dichloroethene	0.0027 U	mg/kg	0.012	0.0027	1	11/17/25 11:10	11/17/25 17:06	156-59-2	
trans-1,2-Dichloroethene	0.0032 U	mg/kg	0.012	0.0032	1	11/17/25 11:10	11/17/25 17:06	156-60-5	
1,2-Dichloropropane	0.0023 U	mg/kg	0.012	0.0023	1	11/17/25 11:10	11/17/25 17:06	78-87-5	
cis-1,3-Dichloropropene	0.0025 U	mg/kg	0.012	0.0025	1	11/17/25 11:10	11/17/25 17:06	10061-01-5	
trans-1,3-Dichloropropene	0.0024 U	mg/kg	0.012	0.0024	1	11/17/25 11:10	11/17/25 17:06	10061-02-6	
Ethylbenzene	0.0030 U	mg/kg	0.012	0.0030	1	11/17/25 11:10	11/17/25 17:06	100-41-4	
2-Hexanone	0.012 U	mg/kg	0.062	0.012	1	11/17/25 11:10	11/17/25 17:06	591-78-6	
Iodomethane	0.0055 U	mg/kg	0.025	0.0055	1	11/17/25 11:10	11/17/25 17:06	74-88-4	
Isopropylbenzene (Cumene)	0.0032 U	mg/kg	0.012	0.0032	1	11/17/25 11:10	11/17/25 17:06	98-82-8	
Methylene Chloride	0.011 U	mg/kg	0.012	0.011	1	11/17/25 11:10	11/17/25 17:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.012 U	mg/kg	0.062	0.012	1	11/17/25 11:10	11/17/25 17:06	108-10-1	
Methyl-tert-butyl ether	0.0037 U	mg/kg	0.012	0.0037	1	11/17/25 11:10	11/17/25 17:06	1634-04-4	
Styrene	0.0062 U	mg/kg	0.012	0.0062	1	11/17/25 11:10	11/17/25 17:06	100-42-5	
1,1,1,2-Tetrachloroethane	0.0025 U	mg/kg	0.012	0.0025	1	11/17/25 11:10	11/17/25 17:06	630-20-6	
1,1,2,2-Tetrachloroethane	0.0015 U	mg/kg	0.012	0.0015	1	11/17/25 11:10	11/17/25 17:06	79-34-5	J(IS)
Tetrachloroethene	0.0030 U	mg/kg	0.012	0.0030	1	11/17/25 11:10	11/17/25 17:06	127-18-4	
Toluene	0.0049 U	mg/kg	0.012	0.0049	1	11/17/25 11:10	11/17/25 17:06	108-88-3	
1,1,1-Trichloroethane	0.0032 U	mg/kg	0.012	0.0032	1	11/17/25 11:10	11/17/25 17:06	71-55-6	
1,1,2-Trichloroethane	0.0015 U	mg/kg	0.012	0.0015	1	11/17/25 11:10	11/17/25 17:06	79-00-5	
Trichloroethene	0.0030 U	mg/kg	0.012	0.0030	1	11/17/25 11:10	11/17/25 17:06	79-01-6	
Trichlorofluoromethane	0.0062 U	mg/kg	0.012	0.0062	1	11/17/25 11:10	11/17/25 17:06	75-69-4	
1,2,3-Trichloropropane	0.0037 U	mg/kg	0.012	0.0037	1	11/17/25 11:10	11/17/25 17:06	96-18-4	J(IS)
Vinyl acetate	0.0039 U	mg/kg	0.012	0.0039	1	11/17/25 11:10	11/17/25 17:06	108-05-4	
Vinyl chloride	0.0051 U	mg/kg	0.012	0.0051	1	11/17/25 11:10	11/17/25 17:06	75-01-4	
Xylene (Total)	0.013 U	mg/kg	0.037	0.013	1	11/17/25 11:10	11/17/25 17:06	1330-20-7	
m&p-Xylene	0.013 U	mg/kg	0.025	0.013	1	11/17/25 11:10	11/17/25 17:06	179601-23-1	
o-Xylene	0.0024 U	mg/kg	0.012	0.0024	1	11/17/25 11:10	11/17/25 17:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	68-125		1	11/17/25 11:10	11/17/25 17:06	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	11/17/25 11:10	11/17/25 17:06	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	11/17/25 11:10	11/17/25 17:06	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Ormond Beach

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	54.1	%	0.10	0.10	1		12/01/25 11:37		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC5 Lab ID: 35998109005 Collected: 11/14/25 12:30 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	5.3	mg/kg	1.2	0.61	1	12/01/25 07:54	12/02/25 17:03	7440-38-2	
Barium	1.2 I	mg/kg	1.2	0.21	1	12/01/25 07:54	12/02/25 17:03	7440-39-3	
Cadmium	0.14	mg/kg	0.12	0.061	1	12/01/25 07:54	12/02/25 17:03	7440-43-9	
Chromium	6.9	mg/kg	0.61	0.31	1	12/01/25 07:54	12/02/25 17:03	7440-47-3	
Lead	1.5	mg/kg	1.2	0.61	1	12/01/25 07:54	12/02/25 17:03	7439-92-1	
Selenium	1.1 I	mg/kg	1.8	0.92	1	12/01/25 07:54	12/02/25 17:03	7782-49-2	
Silver	0.13 U	mg/kg	0.61	0.13	1	12/01/25 07:54	12/02/25 17:03	7440-22-4	
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.010	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:27	7440-38-2	
Barium	0.021	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:27	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:27	7440-43-9	
Chromium	0.0048 I	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:27	7440-47-3	
Lead	0.0033 I	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:27	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:27	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:27	7440-22-4	
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 13:00	7440-38-2	
Barium	0.0084 U	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 13:00	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 13:00	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 13:00	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 13:00	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 13:00	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 13:00	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:38	7439-97-6	Y
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:30	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.025	mg/kg	0.020	0.0098	1	12/01/25 12:25	12/01/25 15:53	7439-97-6	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC5 Lab ID: 35998109005 Collected: 11/14/25 12:30 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.064 U	mg/kg	0.15	0.064	1	11/17/25 23:19	11/20/25 01:33	83-32-9	P1
Acenaphthylene	0.021 U	mg/kg	0.14	0.021	1	11/17/25 23:19	11/20/25 01:33	208-96-8	P1
Aniline	0.13 U	mg/kg	0.69	0.13	1	11/17/25 23:19	11/20/25 01:33	62-53-3	P1
Anthracene	0.019 U	mg/kg	0.15	0.019	1	11/17/25 23:19	11/20/25 01:33	120-12-7	P1
Benzo(a)anthracene	0.018 U	mg/kg	0.14	0.018	1	11/17/25 23:19	11/20/25 01:33	56-55-3	P1
Benzo(a)pyrene	0.034 U	mg/kg	0.14	0.034	1	11/17/25 23:19	11/20/25 01:33	50-32-8	P1
Benzo(b)fluoranthene	0.036 U	mg/kg	0.14	0.036	1	11/17/25 23:19	11/20/25 01:33	205-99-2	P1
Benzo(g,h,i)perylene	0.034 U	mg/kg	0.14	0.034	1	11/17/25 23:19	11/20/25 01:33	191-24-2	P1
Benzo(k)fluoranthene	0.036 U	mg/kg	0.14	0.036	1	11/17/25 23:19	11/20/25 01:33	207-08-9	P1
Benzyl alcohol	0.14 U	mg/kg	0.69	0.14	1	11/17/25 23:19	11/20/25 01:33	100-51-6	P1
4-Bromophenylphenyl ether	0.13 U	mg/kg	0.69	0.13	1	11/17/25 23:19	11/20/25 01:33	101-55-3	P1
Butylbenzylphthalate	0.14 U	mg/kg	0.69	0.14	1	11/17/25 23:19	11/20/25 01:33	85-68-7	P1
4-Chloro-3-methylphenol	0.40 U	mg/kg	2.7	0.40	1	11/17/25 23:19	11/20/25 01:33	59-50-7	P1
4-Chloroaniline	0.10 U	mg/kg	0.69	0.10	1	11/17/25 23:19	11/20/25 01:33	106-47-8	P1
bis(2-Chloroethoxy)methane	0.097 U	mg/kg	0.69	0.097	1	11/17/25 23:19	11/20/25 01:33	111-91-1	P1
bis(2-Chloroethyl) ether	0.044 U	mg/kg	0.69	0.044	1	11/17/25 23:19	11/20/25 01:33	111-44-4	P1
2-Chloronaphthalene	0.032 U	mg/kg	0.69	0.032	1	11/17/25 23:19	11/20/25 01:33	91-58-7	P1
2-Chlorophenol	0.11 U	mg/kg	0.69	0.11	1	11/17/25 23:19	11/20/25 01:33	95-57-8	P1
4-Chlorophenylphenyl ether	0.097 U	mg/kg	0.69	0.097	1	11/17/25 23:19	11/20/25 01:33	7005-72-3	P1
Chrysene	0.018 U	mg/kg	0.14	0.018	1	11/17/25 23:19	11/20/25 01:33	218-01-9	P1
Dibenz(a,h)anthracene	0.031 U	mg/kg	0.14	0.031	1	11/17/25 23:19	11/20/25 01:33	53-70-3	P1
Dibenzofuran	0.093 U	mg/kg	0.69	0.093	1	11/17/25 23:19	11/20/25 01:33	132-64-9	P1
1,2-Dichlorobenzene	0.097 U	mg/kg	0.69	0.097	1	11/17/25 23:19	11/20/25 01:33	95-50-1	P1
1,3-Dichlorobenzene	0.13 U	mg/kg	0.69	0.13	1	11/17/25 23:19	11/20/25 01:33	541-73-1	P1
1,4-Dichlorobenzene	0.097 U	mg/kg	0.69	0.097	1	11/17/25 23:19	11/20/25 01:33	106-46-7	P1
3,3'-Dichlorobenzidine	0.13 U	mg/kg	2.7	0.13	1	11/17/25 23:19	11/20/25 01:33	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.030 U	mg/kg	0.69	0.030	1	11/17/25 23:19	11/20/25 01:33	120-83-2	P1
Diethylphthalate	0.23 U	mg/kg	0.69	0.23	1	11/17/25 23:19	11/20/25 01:33	84-66-2	P1
2,4-Dimethylphenol	0.12 U	mg/kg	0.69	0.12	1	11/17/25 23:19	11/20/25 01:33	105-67-9	P1
Dimethylphthalate	0.11 U	mg/kg	0.69	0.11	1	11/17/25 23:19	11/20/25 01:33	131-11-3	P1
Di-n-butylphthalate	0.54 U	mg/kg	0.69	0.54	1	11/17/25 23:19	11/20/25 01:33	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.89 U	mg/kg	2.7	0.89	1	11/17/25 23:19	11/20/25 01:33	534-52-1	P1
2,4-Dinitrophenol	1.1 U	mg/kg	2.7	1.1	1	11/17/25 23:19	11/20/25 01:33	51-28-5	P1
2,4-Dinitrotoluene	0.21 U	mg/kg	0.69	0.21	1	11/17/25 23:19	11/20/25 01:33	121-14-2	P1
2,6-Dinitrotoluene	0.13 U	mg/kg	0.69	0.13	1	11/17/25 23:19	11/20/25 01:33	606-20-2	P1
Di-n-octylphthalate	0.17 U	mg/kg	0.69	0.17	1	11/17/25 23:19	11/20/25 01:33	117-84-0	P1
1,2-Diphenylhydrazine	0.15 U	mg/kg	0.69	0.15	1	11/17/25 23:19	11/20/25 01:33	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.14 U	mg/kg	0.69	0.14	1	11/17/25 23:19	11/20/25 01:33	117-81-7	P1
Fluoranthene	0.044 U	mg/kg	0.14	0.044	1	11/17/25 23:19	11/20/25 01:33	206-44-0	P1
Fluorene	0.048 U	mg/kg	0.15	0.048	1	11/17/25 23:19	11/20/25 01:33	86-73-7	P1
Hexachloro-1,3-butadiene	0.048 U	mg/kg	0.69	0.048	1	11/17/25 23:19	11/20/25 01:33	87-68-3	P1
Hexachlorobenzene	0.027 U	mg/kg	0.69	0.027	1	11/17/25 23:19	11/20/25 01:33	118-74-1	P1
Hexachlorocyclopentadiene	0.50 U	mg/kg	2.7	0.50	1	11/17/25 23:19	11/20/25 01:33	77-47-4	P1
Hexachloroethane	0.10 U	mg/kg	0.69	0.10	1	11/17/25 23:19	11/20/25 01:33	67-72-1	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC5 Lab ID: 35998109005 Collected: 11/14/25 12:30 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Indeno(1,2,3-cd)pyrene	0.031 U	mg/kg	0.14	0.031	1	11/17/25 23:19	11/20/25 01:33	193-39-5	P1
Isophorone	0.12 U	mg/kg	0.69	0.12	1	11/17/25 23:19	11/20/25 01:33	78-59-1	P1
1-Methylnaphthalene	0.023 U	mg/kg	0.16	0.023	1	11/17/25 23:19	11/20/25 01:33	90-12-0	P1
2-Methylnaphthalene	0.021 U	mg/kg	0.16	0.021	1	11/17/25 23:19	11/20/25 01:33	91-57-6	P1
2-Methylphenol(o-Cresol)	0.033 U	mg/kg	0.69	0.033	1	11/17/25 23:19	11/20/25 01:33	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.031 U	mg/kg	0.69	0.031	1	11/17/25 23:19	11/20/25 01:33		P1
Naphthalene	0.048 U	mg/kg	0.14	0.048	1	11/17/25 23:19	11/20/25 01:33	91-20-3	P1
2-Nitroaniline	0.17 U	mg/kg	0.69	0.17	1	11/17/25 23:19	11/20/25 01:33	88-74-4	P1
3-Nitroaniline	0.15 U	mg/kg	0.69	0.15	1	11/17/25 23:19	11/20/25 01:33	99-09-2	P1
4-Nitroaniline	0.034 U	mg/kg	0.69	0.034	1	11/17/25 23:19	11/20/25 01:33	100-01-6	P1
Nitrobenzene	0.045 U	mg/kg	0.69	0.045	1	11/17/25 23:19	11/20/25 01:33	98-95-3	P1
2-Nitrophenol	0.22 U	mg/kg	0.69	0.22	1	11/17/25 23:19	11/20/25 01:33	88-75-5	P1
4-Nitrophenol	0.29 U	mg/kg	0.88	0.29	1	11/17/25 23:19	11/20/25 01:33	100-02-7	P1
N-Nitrosodimethylamine	0.044 U	mg/kg	0.69	0.044	1	11/17/25 23:19	11/20/25 01:33	62-75-9	P1
N-Nitroso-di-n-propylamine	0.027 U	mg/kg	0.69	0.027	1	11/17/25 23:19	11/20/25 01:33	621-64-7	P1
N-Nitrosodiphenylamine	0.089 U	mg/kg	0.69	0.089	1	11/17/25 23:19	11/20/25 01:33	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.14 U	mg/kg	0.69	0.14	1	11/17/25 23:19	11/20/25 01:33	108-60-1	P1
Pentachlorophenol	0.35 U	mg/kg	2.7	0.35	1	11/17/25 23:19	11/20/25 01:33	87-86-5	P1
Phenanthrene	0.019 U	mg/kg	0.14	0.019	1	11/17/25 23:19	11/20/25 01:33	85-01-8	P1
Phenol	0.13 U	mg/kg	0.69	0.13	1	11/17/25 23:19	11/20/25 01:33	108-95-2	P1
Pyrene	0.040 U	mg/kg	0.14	0.040	1	11/17/25 23:19	11/20/25 01:33	129-00-0	P1
1,2,4-Trichlorobenzene	0.097 U	mg/kg	0.69	0.097	1	11/17/25 23:19	11/20/25 01:33	120-82-1	P1
2,4,5-Trichlorophenol	0.027 U	mg/kg	0.69	0.027	1	11/17/25 23:19	11/20/25 01:33	95-95-4	P1
2,4,6-Trichlorophenol	0.037 U	mg/kg	0.69	0.037	1	11/17/25 23:19	11/20/25 01:33	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	63	%	24-98		1	11/17/25 23:19	11/20/25 01:33	4165-60-0	
2-Fluorobiphenyl (S)	54	%	29-101		1	11/17/25 23:19	11/20/25 01:33	321-60-8	
p-Terphenyl-d14 (S)	56	%	29-112		1	11/17/25 23:19	11/20/25 01:33	1718-51-0	
Phenol-d6 (S)	56	%	10-104		1	11/17/25 23:19	11/20/25 01:33	13127-88-3	
2-Fluorophenol (S)	55	%	19-95		1	11/17/25 23:19	11/20/25 01:33	367-12-4	
2,4,6-Tribromophenol (S)	67	%	23-110		1	11/17/25 23:19	11/20/25 01:33	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 18:10	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 18:10	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 18:10	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 18:10	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 18:10	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 18:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 18:10		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 18:10	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 18:10	87-86-5	J(v2)

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC5 Lab ID: 35998109005 Collected: 11/14/25 12:30 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 18:10	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 18:10	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 18:10	88-06-2	
Surrogates									
Phenol-d6 (S)	34	%	14-67		1	11/22/25 10:45	12/02/25 18:10	13127-88-3	
2-Fluorobiphenyl (S)	50	%	13-83		1	11/22/25 10:45	12/02/25 18:10	321-60-8	
Nitrobenzene-d5 (S)	49	%	11-95		1	11/22/25 10:45	12/02/25 18:10	4165-60-0	
p-Terphenyl-d14 (S)	57	%	36-129		1	11/22/25 10:45	12/02/25 18:10	1718-51-0	
2-Fluorophenol (S)	37	%	11-72		1	11/22/25 10:45	12/02/25 18:10	367-12-4	
2,4,6-Tribromophenol (S)	50	%	20-123		1	11/22/25 10:45	12/02/25 18:10	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
Benzene	0.0051	mg/L	0.0010	0.00030	1		11/26/25 03:07	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		11/26/25 03:07	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/26/25 03:07	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/26/25 03:07	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/26/25 03:07	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/26/25 03:07	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/26/25 03:07	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/26/25 03:07	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/26/25 03:07	127-18-4	J(v2)
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/26/25 03:07	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/26/25 03:07	75-01-4	J(v1)
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/26/25 03:07	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/26/25 03:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/26/25 03:07	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.048 I	mg/kg	0.084	0.037	1	11/20/25 13:06	11/20/25 17:12	67-64-1	
Acetonitrile	0.025 U	mg/kg	0.084	0.025	1	11/20/25 13:06	11/20/25 17:12	75-05-8	
Benzene	0.0017 U	mg/kg	0.0084	0.0017	1	11/20/25 13:06	11/20/25 17:12	71-43-2	
Bromochloromethane	0.0012 U	mg/kg	0.0084	0.0012	1	11/20/25 13:06	11/20/25 17:12	74-97-5	
Bromodichloromethane	0.0019 U	mg/kg	0.0084	0.0019	1	11/20/25 13:06	11/20/25 17:12	75-27-4	
Bromoform	0.0019 U	mg/kg	0.0084	0.0019	1	11/20/25 13:06	11/20/25 17:12	75-25-2	
Bromomethane	0.0030 U	mg/kg	0.0084	0.0030	1	11/20/25 13:06	11/20/25 17:12	74-83-9	
2-Butanone (MEK)	0.023 U	mg/kg	0.084	0.023	1	11/20/25 13:06	11/20/25 17:12	78-93-3	
Carbon disulfide	0.0067 I	mg/kg	0.0084	0.0042	1	11/20/25 13:06	11/20/25 17:12	75-15-0	
Carbon tetrachloride	0.0020 U	mg/kg	0.0084	0.0020	1	11/20/25 13:06	11/20/25 17:12	56-23-5	
Chlorobenzene	0.0016 U	mg/kg	0.0084	0.0016	1	11/20/25 13:06	11/20/25 17:12	108-90-7	
Chloroethane	0.0035 U	mg/kg	0.0084	0.0035	1	11/20/25 13:06	11/20/25 17:12	75-00-3	J(v1)

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC5 Lab ID: 35998109005 Collected: 11/14/25 12:30 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Chloroform	0.0031 U	mg/kg	0.0084	0.0031	1	11/20/25 13:06	11/20/25 17:12	67-66-3	
Chloromethane	0.0033 U	mg/kg	0.0084	0.0033	1	11/20/25 13:06	11/20/25 17:12	74-87-3	J(v1),L3
1,2-Dibromo-3-chloropropane	0.0020 U	mg/kg	0.0084	0.0020	1	11/20/25 13:06	11/20/25 17:12	96-12-8	
Dibromochloromethane	0.0015 U	mg/kg	0.0084	0.0015	1	11/20/25 13:06	11/20/25 17:12	124-48-1	
1,2-Dibromoethane (EDB)	0.0012 U	mg/kg	0.0084	0.0012	1	11/20/25 13:06	11/20/25 17:12	106-93-4	
Dibromomethane	0.0012 U	mg/kg	0.0084	0.0012	1	11/20/25 13:06	11/20/25 17:12	74-95-3	
1,2-Dichlorobenzene	0.0013 U	mg/kg	0.0084	0.0013	1	11/20/25 13:06	11/20/25 17:12	95-50-1	J(IS)
1,4-Dichlorobenzene	0.0011 U	mg/kg	0.0084	0.0011	1	11/20/25 13:06	11/20/25 17:12	106-46-7	J(IS)
trans-1,4-Dichloro-2-butene	0.0020 U	mg/kg	0.0084	0.0020	1	11/20/25 13:06	11/20/25 17:12	110-57-6	J(v1)
1,1-Dichloroethane	0.0017 U	mg/kg	0.0084	0.0017	1	11/20/25 13:06	11/20/25 17:12	75-34-3	
1,2-Dichloroethane	0.0037 U	mg/kg	0.0084	0.0037	1	11/20/25 13:06	11/20/25 17:12	107-06-2	
1,2-Dichloroethene (Total)	0.0051 U	mg/kg	0.0084	0.0051	1	11/20/25 13:06	11/20/25 17:12	540-59-0	
1,1-Dichloroethene	0.0042 U	mg/kg	0.0084	0.0042	1	11/20/25 13:06	11/20/25 17:12	75-35-4	
cis-1,2-Dichloroethene	0.0019 U	mg/kg	0.0084	0.0019	1	11/20/25 13:06	11/20/25 17:12	156-59-2	
trans-1,2-Dichloroethene	0.0022 U	mg/kg	0.0084	0.0022	1	11/20/25 13:06	11/20/25 17:12	156-60-5	
1,2-Dichloropropane	0.0015 U	mg/kg	0.0084	0.0015	1	11/20/25 13:06	11/20/25 17:12	78-87-5	
cis-1,3-Dichloropropene	0.0017 U	mg/kg	0.0084	0.0017	1	11/20/25 13:06	11/20/25 17:12	10061-01-5	
trans-1,3-Dichloropropene	0.0017 U	mg/kg	0.0084	0.0017	1	11/20/25 13:06	11/20/25 17:12	10061-02-6	
Ethylbenzene	0.0020 U	mg/kg	0.0084	0.0020	1	11/20/25 13:06	11/20/25 17:12	100-41-4	
2-Hexanone	0.0084 U	mg/kg	0.042	0.0084	1	11/20/25 13:06	11/20/25 17:12	591-78-6	J(IS)
Iodomethane	0.0038 U	mg/kg	0.017	0.0038	1	11/20/25 13:06	11/20/25 17:12	74-88-4	
Isopropylbenzene (Cumene)	0.0022 U	mg/kg	0.0084	0.0022	1	11/20/25 13:06	11/20/25 17:12	98-82-8	
Methylene Chloride	0.0074 U	mg/kg	0.0084	0.0074	1	11/20/25 13:06	11/20/25 17:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0084 U	mg/kg	0.042	0.0084	1	11/20/25 13:06	11/20/25 17:12	108-10-1	
Methyl-tert-butyl ether	0.0025 U	mg/kg	0.0084	0.0025	1	11/20/25 13:06	11/20/25 17:12	1634-04-4	
Styrene	0.0042 U	mg/kg	0.0084	0.0042	1	11/20/25 13:06	11/20/25 17:12	100-42-5	
1,1,1,2-Tetrachloroethane	0.0017 U	mg/kg	0.0084	0.0017	1	11/20/25 13:06	11/20/25 17:12	630-20-6	
1,1,2,2-Tetrachloroethane	0.0010 U	mg/kg	0.0084	0.0010	1	11/20/25 13:06	11/20/25 17:12	79-34-5	J(IS), J(v1)
Tetrachloroethene	0.0020 U	mg/kg	0.0084	0.0020	1	11/20/25 13:06	11/20/25 17:12	127-18-4	
Toluene	0.0034 U	mg/kg	0.0084	0.0034	1	11/20/25 13:06	11/20/25 17:12	108-88-3	
1,1,1-Trichloroethane	0.0022 U	mg/kg	0.0084	0.0022	1	11/20/25 13:06	11/20/25 17:12	71-55-6	
1,1,2-Trichloroethane	0.00099 U	mg/kg	0.0084	0.00099	1	11/20/25 13:06	11/20/25 17:12	79-00-5	
Trichloroethene	0.0020 U	mg/kg	0.0084	0.0020	1	11/20/25 13:06	11/20/25 17:12	79-01-6	
Trichlorofluoromethane	0.0042 U	mg/kg	0.0084	0.0042	1	11/20/25 13:06	11/20/25 17:12	75-69-4	
1,2,3-Trichloropropane	0.0025 U	mg/kg	0.0084	0.0025	1	11/20/25 13:06	11/20/25 17:12	96-18-4	J(v1)
Vinyl acetate	0.0027 U	mg/kg	0.0084	0.0027	1	11/20/25 13:06	11/20/25 17:12	108-05-4	
Vinyl chloride	0.0035 U	mg/kg	0.0084	0.0035	1	11/20/25 13:06	11/20/25 17:12	75-01-4	J(v1),L3
Xylene (Total)	0.0087 U	mg/kg	0.025	0.0087	1	11/20/25 13:06	11/20/25 17:12	1330-20-7	
m&p-Xylene	0.0087 U	mg/kg	0.017	0.0087	1	11/20/25 13:06	11/20/25 17:12	179601-23-1	
o-Xylene	0.0016 U	mg/kg	0.0084	0.0016	1	11/20/25 13:06	11/20/25 17:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	77	%	68-125		1	11/20/25 13:06	11/20/25 17:12	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	11/20/25 13:06	11/20/25 17:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	11/20/25 13:06	11/20/25 17:12	2199-69-1	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC5 **Lab ID: 35998109005** Collected: 11/14/25 12:30 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	53.1	%	0.10	0.10	1		12/01/25 11:37		

Sample: JC6 **Lab ID: 35998109006** Collected: 11/14/25 12:50 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	9.7	mg/kg	0.91	0.45	1	12/01/25 07:54	12/02/25 17:07	7440-38-2	
Barium	1.0	mg/kg	0.91	0.15	1	12/01/25 07:54	12/02/25 17:07	7440-39-3	
Cadmium	0.18	mg/kg	0.091	0.045	1	12/01/25 07:54	12/02/25 17:07	7440-43-9	
Chromium	5.1	mg/kg	0.45	0.23	1	12/01/25 07:54	12/02/25 17:07	7440-47-3	
Lead	1.2	mg/kg	0.91	0.45	1	12/01/25 07:54	12/02/25 17:07	7439-92-1	
Selenium	1.2 I	mg/kg	1.4	0.68	1	12/01/25 07:54	12/02/25 17:07	7782-49-2	
Silver	0.10 U	mg/kg	0.45	0.10	1	12/01/25 07:54	12/02/25 17:07	7440-22-4	

6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.015	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:40	7440-38-2	
Barium	0.028	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:40	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:40	7440-43-9	
Chromium	0.0073	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:40	7440-47-3	
Lead	0.0029 I	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:40	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:40	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:40	7440-22-4	

6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 13:04	7440-38-2	
Barium	0.010 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 13:04	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 13:04	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 13:04	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 13:04	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 13:04	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 13:04	7440-22-4	

7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:40	7439-97-6	Y

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC6 Lab ID: 35998109006 Collected: 11/14/25 12:50 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 11/20/25 15:59 Pace Analytical Services - Ormond Beach								
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:32	7439-97-6	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	0.017	mg/kg	0.012	0.0061	1	12/01/25 12:25	12/01/25 15:59	7439-97-6	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	0.52 U	mg/kg	1.2	0.52	10	11/17/25 23:19	11/20/25 01:57	83-32-9	P1
Acenaphthylene	0.17 U	mg/kg	1.1	0.17	10	11/17/25 23:19	11/20/25 01:57	208-96-8	P1
Aniline	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	62-53-3	P1
Anthracene	0.15 U	mg/kg	1.2	0.15	10	11/17/25 23:19	11/20/25 01:57	120-12-7	P1
Benzo(a)anthracene	0.15 U	mg/kg	1.1	0.15	10	11/17/25 23:19	11/20/25 01:57	56-55-3	P1
Benzo(a)pyrene	0.27 U	mg/kg	1.1	0.27	10	11/17/25 23:19	11/20/25 01:57	50-32-8	P1
Benzo(b)fluoranthene	0.29 U	mg/kg	1.1	0.29	10	11/17/25 23:19	11/20/25 01:57	205-99-2	P1
Benzo(g,h,i)perylene	0.28 U	mg/kg	1.1	0.28	10	11/17/25 23:19	11/20/25 01:57	191-24-2	P1
Benzo(k)fluoranthene	0.29 U	mg/kg	1.1	0.29	10	11/17/25 23:19	11/20/25 01:57	207-08-9	P1
Benzyl alcohol	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	100-51-6	P1
4-Bromophenylphenyl ether	1.0 U	mg/kg	5.6	1.0	10	11/17/25 23:19	11/20/25 01:57	101-55-3	P1
Butylbenzylphthalate	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	85-68-7	P1
4-Chloro-3-methylphenol	3.3 U	mg/kg	21.9	3.3	10	11/17/25 23:19	11/20/25 01:57	59-50-7	P1
4-Chloroaniline	0.85 U	mg/kg	5.6	0.85	10	11/17/25 23:19	11/20/25 01:57	106-47-8	P1
bis(2-Chloroethoxy)methane	0.79 U	mg/kg	5.6	0.79	10	11/17/25 23:19	11/20/25 01:57	111-91-1	P1
bis(2-Chloroethyl) ether	0.36 U	mg/kg	5.6	0.36	10	11/17/25 23:19	11/20/25 01:57	111-44-4	P1
2-Chloronaphthalene	0.26 U	mg/kg	5.6	0.26	10	11/17/25 23:19	11/20/25 01:57	91-58-7	P1
2-Chlorophenol	0.88 U	mg/kg	5.6	0.88	10	11/17/25 23:19	11/20/25 01:57	95-57-8	P1
4-Chlorophenylphenyl ether	0.79 U	mg/kg	5.6	0.79	10	11/17/25 23:19	11/20/25 01:57	7005-72-3	P1
Chrysene	0.15 U	mg/kg	1.1	0.15	10	11/17/25 23:19	11/20/25 01:57	218-01-9	P1
Dibenz(a,h)anthracene	0.26 U	mg/kg	1.1	0.26	10	11/17/25 23:19	11/20/25 01:57	53-70-3	P1
Dibenzofuran	0.75 U	mg/kg	5.6	0.75	10	11/17/25 23:19	11/20/25 01:57	132-64-9	P1
1,2-Dichlorobenzene	0.79 U	mg/kg	5.6	0.79	10	11/17/25 23:19	11/20/25 01:57	95-50-1	P1
1,3-Dichlorobenzene	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	541-73-1	P1
1,4-Dichlorobenzene	0.79 U	mg/kg	5.6	0.79	10	11/17/25 23:19	11/20/25 01:57	106-46-7	P1
3,3'-Dichlorobenzidine	1.1 U	mg/kg	21.9	1.1	10	11/17/25 23:19	11/20/25 01:57	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.25 U	mg/kg	5.6	0.25	10	11/17/25 23:19	11/20/25 01:57	120-83-2	P1
Diethylphthalate	1.9 U	mg/kg	5.6	1.9	10	11/17/25 23:19	11/20/25 01:57	84-66-2	P1
2,4-Dimethylphenol	0.98 U	mg/kg	5.6	0.98	10	11/17/25 23:19	11/20/25 01:57	105-67-9	P1
Dimethylphthalate	0.88 U	mg/kg	5.6	0.88	10	11/17/25 23:19	11/20/25 01:57	131-11-3	P1
Di-n-butylphthalate	4.4 U	mg/kg	5.6	4.4	10	11/17/25 23:19	11/20/25 01:57	84-74-2	P1
4,6-Dinitro-2-methylphenol	7.3 U	mg/kg	21.9	7.3	10	11/17/25 23:19	11/20/25 01:57	534-52-1	P1
2,4-Dinitrophenol	8.9 U	mg/kg	21.9	8.9	10	11/17/25 23:19	11/20/25 01:57	51-28-5	P1
2,4-Dinitrotoluene	1.7 U	mg/kg	5.6	1.7	10	11/17/25 23:19	11/20/25 01:57	121-14-2	P1
2,6-Dinitrotoluene	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	606-20-2	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC6 Lab ID: 35998109006 Collected: 11/14/25 12:50 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Di-n-octylphthalate	1.3 U	mg/kg	5.6	1.3	10	11/17/25 23:19	11/20/25 01:57	117-84-0	P1
1,2-Diphenylhydrazine	1.2 U	mg/kg	5.6	1.2	10	11/17/25 23:19	11/20/25 01:57	122-66-7	P1
bis(2-Ethylhexyl)phthalate	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	117-81-7	P1
Fluoranthene	0.36 U	mg/kg	1.1	0.36	10	11/17/25 23:19	11/20/25 01:57	206-44-0	P1
Fluorene	0.39 U	mg/kg	1.2	0.39	10	11/17/25 23:19	11/20/25 01:57	86-73-7	P1
Hexachloro-1,3-butadiene	0.39 U	mg/kg	5.6	0.39	10	11/17/25 23:19	11/20/25 01:57	87-68-3	P1
Hexachlorobenzene	0.22 U	mg/kg	5.6	0.22	10	11/17/25 23:19	11/20/25 01:57	118-74-1	P1
Hexachlorocyclopentadiene	4.0 U	mg/kg	21.9	4.0	10	11/17/25 23:19	11/20/25 01:57	77-47-4	P1
Hexachloroethane	0.85 U	mg/kg	5.6	0.85	10	11/17/25 23:19	11/20/25 01:57	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.25 U	mg/kg	1.1	0.25	10	11/17/25 23:19	11/20/25 01:57	193-39-5	P1
Isophorone	0.95 U	mg/kg	5.6	0.95	10	11/17/25 23:19	11/20/25 01:57	78-59-1	P1
1-Methylnaphthalene	0.18 U	mg/kg	1.3	0.18	10	11/17/25 23:19	11/20/25 01:57	90-12-0	P1
2-Methylnaphthalene	0.17 U	mg/kg	1.3	0.17	10	11/17/25 23:19	11/20/25 01:57	91-57-6	P1
2-Methylphenol(o-Cresol)	0.27 U	mg/kg	5.6	0.27	10	11/17/25 23:19	11/20/25 01:57	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.25 U	mg/kg	5.6	0.25	10	11/17/25 23:19	11/20/25 01:57		P1
Naphthalene	0.39 U	mg/kg	1.1	0.39	10	11/17/25 23:19	11/20/25 01:57	91-20-3	P1
2-Nitroaniline	1.4 U	mg/kg	5.6	1.4	10	11/17/25 23:19	11/20/25 01:57	88-74-4	P1
3-Nitroaniline	1.2 U	mg/kg	5.6	1.2	10	11/17/25 23:19	11/20/25 01:57	99-09-2	P1
4-Nitroaniline	0.28 U	mg/kg	5.6	0.28	10	11/17/25 23:19	11/20/25 01:57	100-01-6	P1
Nitrobenzene	0.37 U	mg/kg	5.6	0.37	10	11/17/25 23:19	11/20/25 01:57	98-95-3	P1
2-Nitrophenol	1.8 U	mg/kg	5.6	1.8	10	11/17/25 23:19	11/20/25 01:57	88-75-5	P1
4-Nitrophenol	2.4 U	mg/kg	7.1	2.4	10	11/17/25 23:19	11/20/25 01:57	100-02-7	P1
N-Nitrosodimethylamine	0.36 U	mg/kg	5.6	0.36	10	11/17/25 23:19	11/20/25 01:57	62-75-9	P1
N-Nitroso-di-n-propylamine	0.22 U	mg/kg	5.6	0.22	10	11/17/25 23:19	11/20/25 01:57	621-64-7	P1
N-Nitrosodiphenylamine	0.72 U	mg/kg	5.6	0.72	10	11/17/25 23:19	11/20/25 01:57	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	1.1 U	mg/kg	5.6	1.1	10	11/17/25 23:19	11/20/25 01:57	108-60-1	P1
Pentachlorophenol	2.8 U	mg/kg	21.9	2.8	10	11/17/25 23:19	11/20/25 01:57	87-86-5	P1
Phenanthrene	0.16 U	mg/kg	1.1	0.16	10	11/17/25 23:19	11/20/25 01:57	85-01-8	P1
Phenol	1.0 U	mg/kg	5.6	1.0	10	11/17/25 23:19	11/20/25 01:57	108-95-2	P1
Pyrene	0.32 U	mg/kg	1.1	0.32	10	11/17/25 23:19	11/20/25 01:57	129-00-0	P1
1,2,4-Trichlorobenzene	0.79 U	mg/kg	5.6	0.79	10	11/17/25 23:19	11/20/25 01:57	120-82-1	P1
2,4,5-Trichlorophenol	0.22 U	mg/kg	5.6	0.22	10	11/17/25 23:19	11/20/25 01:57	95-95-4	P1
2,4,6-Trichlorophenol	0.30 U	mg/kg	5.6	0.30	10	11/17/25 23:19	11/20/25 01:57	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	52	%	24-98		10	11/17/25 23:19	11/20/25 01:57	4165-60-0	
2-Fluorobiphenyl (S)	27	%	29-101		10	11/17/25 23:19	11/20/25 01:57	321-60-8	S4
p-Terphenyl-d14 (S)	29	%	29-112		10	11/17/25 23:19	11/20/25 01:57	1718-51-0	
Phenol-d6 (S)	47	%	10-104		10	11/17/25 23:19	11/20/25 01:57	13127-88-3	
2-Fluorophenol (S)	49	%	19-95		10	11/17/25 23:19	11/20/25 01:57	367-12-4	
2,4,6-Tribromophenol (S)	42	%	23-110		10	11/17/25 23:19	11/20/25 01:57	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC6 Lab ID: 35998109006 Collected: 11/14/25 12:50 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 18:33	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 18:33	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 18:33	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 18:33	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 18:33	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 18:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 18:33		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 18:33	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 18:33	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 18:33	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 18:33	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 18:33	88-06-2	
Surrogates									
Phenol-d6 (S)	37	%	14-67		1	11/22/25 10:45	12/02/25 18:33	13127-88-3	
2-Fluorobiphenyl (S)	50	%	13-83		1	11/22/25 10:45	12/02/25 18:33	321-60-8	
Nitrobenzene-d5 (S)	52	%	11-95		1	11/22/25 10:45	12/02/25 18:33	4165-60-0	
p-Terphenyl-d14 (S)	60	%	36-129		1	11/22/25 10:45	12/02/25 18:33	1718-51-0	
2-Fluorophenol (S)	43	%	11-72		1	11/22/25 10:45	12/02/25 18:33	367-12-4	
2,4,6-Tribromophenol (S)	44	%	20-123		1	11/22/25 10:45	12/02/25 18:33	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		11/26/25 03:31	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		11/26/25 03:31	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/26/25 03:31	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/26/25 03:31	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/26/25 03:31	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/26/25 03:31	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/26/25 03:31	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/26/25 03:31	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/26/25 03:31	127-18-4	J(v2)
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/26/25 03:31	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/26/25 03:31	75-01-4	J(v1)
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		11/26/25 03:31	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		11/26/25 03:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/26/25 03:31	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.043 I	mg/kg	0.088	0.039	1	11/17/25 11:10	11/17/25 17:52	67-64-1	
Acetonitrile	0.026 U	mg/kg	0.088	0.026	1	11/17/25 11:10	11/17/25 17:52	75-05-8	
Benzene	0.0018 U	mg/kg	0.0088	0.0018	1	11/17/25 11:10	11/17/25 17:52	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC6 Lab ID: 35998109006 Collected: 11/14/25 12:50 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Bromochloromethane	0.0013 U	mg/kg	0.0088	0.0013	1	11/17/25 11:10	11/17/25 17:52	74-97-5	
Bromodichloromethane	0.0019 U	mg/kg	0.0088	0.0019	1	11/17/25 11:10	11/17/25 17:52	75-27-4	
Bromoform	0.0019 U	mg/kg	0.0088	0.0019	1	11/17/25 11:10	11/17/25 17:52	75-25-2	
Bromomethane	0.0032 U	mg/kg	0.0088	0.0032	1	11/17/25 11:10	11/17/25 17:52	74-83-9	
2-Butanone (MEK)	0.024 U	mg/kg	0.088	0.024	1	11/17/25 11:10	11/17/25 17:52	78-93-3	
Carbon disulfide	0.010	mg/kg	0.0088	0.0044	1	11/17/25 11:10	11/17/25 17:52	75-15-0	
Carbon tetrachloride	0.0021 U	mg/kg	0.0088	0.0021	1	11/17/25 11:10	11/17/25 17:52	56-23-5	
Chlorobenzene	0.0016 U	mg/kg	0.0088	0.0016	1	11/17/25 11:10	11/17/25 17:52	108-90-7	
Chloroethane	0.0037 U	mg/kg	0.0088	0.0037	1	11/17/25 11:10	11/17/25 17:52	75-00-3	
Chloroform	0.0032 U	mg/kg	0.0088	0.0032	1	11/17/25 11:10	11/17/25 17:52	67-66-3	
Chloromethane	0.0034 U	mg/kg	0.0088	0.0034	1	11/17/25 11:10	11/17/25 17:52	74-87-3	
1,2-Dibromo-3-chloropropane	0.0021 U	mg/kg	0.0088	0.0021	1	11/17/25 11:10	11/17/25 17:52	96-12-8	
Dibromochloromethane	0.0015 U	mg/kg	0.0088	0.0015	1	11/17/25 11:10	11/17/25 17:52	124-48-1	
1,2-Dibromoethane (EDB)	0.0013 U	mg/kg	0.0088	0.0013	1	11/17/25 11:10	11/17/25 17:52	106-93-4	
Dibromomethane	0.0013 U	mg/kg	0.0088	0.0013	1	11/17/25 11:10	11/17/25 17:52	74-95-3	
1,2-Dichlorobenzene	0.0013 U	mg/kg	0.0088	0.0013	1	11/17/25 11:10	11/17/25 17:52	95-50-1	
1,4-Dichlorobenzene	0.0012 U	mg/kg	0.0088	0.0012	1	11/17/25 11:10	11/17/25 17:52	106-46-7	
trans-1,4-Dichloro-2-butene	0.0021 U	mg/kg	0.0088	0.0021	1	11/17/25 11:10	11/17/25 17:52	110-57-6	
1,1-Dichloroethane	0.0017 U	mg/kg	0.0088	0.0017	1	11/17/25 11:10	11/17/25 17:52	75-34-3	
1,2-Dichloroethane	0.0039 U	mg/kg	0.0088	0.0039	1	11/17/25 11:10	11/17/25 17:52	107-06-2	
1,2-Dichloroethene (Total)	0.0054 U	mg/kg	0.0088	0.0054	1	11/17/25 11:10	11/17/25 17:52	540-59-0	
1,1-Dichloroethene	0.0044 U	mg/kg	0.0088	0.0044	1	11/17/25 11:10	11/17/25 17:52	75-35-4	
cis-1,2-Dichloroethene	0.0019 U	mg/kg	0.0088	0.0019	1	11/17/25 11:10	11/17/25 17:52	156-59-2	
trans-1,2-Dichloroethene	0.0023 U	mg/kg	0.0088	0.0023	1	11/17/25 11:10	11/17/25 17:52	156-60-5	
1,2-Dichloropropane	0.0016 U	mg/kg	0.0088	0.0016	1	11/17/25 11:10	11/17/25 17:52	78-87-5	
cis-1,3-Dichloropropene	0.0018 U	mg/kg	0.0088	0.0018	1	11/17/25 11:10	11/17/25 17:52	10061-01-5	
trans-1,3-Dichloropropene	0.0018 U	mg/kg	0.0088	0.0018	1	11/17/25 11:10	11/17/25 17:52	10061-02-6	
Ethylbenzene	0.0021 U	mg/kg	0.0088	0.0021	1	11/17/25 11:10	11/17/25 17:52	100-41-4	
2-Hexanone	0.0088 U	mg/kg	0.044	0.0088	1	11/17/25 11:10	11/17/25 17:52	591-78-6	
Iodomethane	0.0040 U	mg/kg	0.018	0.0040	1	11/17/25 11:10	11/17/25 17:52	74-88-4	
Isopropylbenzene (Cumene)	0.0023 U	mg/kg	0.0088	0.0023	1	11/17/25 11:10	11/17/25 17:52	98-82-8	
Methylene Chloride	0.0078 U	mg/kg	0.0088	0.0078	1	11/17/25 11:10	11/17/25 17:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0088 U	mg/kg	0.044	0.0088	1	11/17/25 11:10	11/17/25 17:52	108-10-1	
Methyl-tert-butyl ether	0.0027 U	mg/kg	0.0088	0.0027	1	11/17/25 11:10	11/17/25 17:52	1634-04-4	
Styrene	0.0044 U	mg/kg	0.0088	0.0044	1	11/17/25 11:10	11/17/25 17:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.0018 U	mg/kg	0.0088	0.0018	1	11/17/25 11:10	11/17/25 17:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.0011 U	mg/kg	0.0088	0.0011	1	11/17/25 11:10	11/17/25 17:52	79-34-5	
Tetrachloroethene	0.0021 U	mg/kg	0.0088	0.0021	1	11/17/25 11:10	11/17/25 17:52	127-18-4	
Toluene	0.0035 U	mg/kg	0.0088	0.0035	1	11/17/25 11:10	11/17/25 17:52	108-88-3	
1,1,1-Trichloroethane	0.0023 U	mg/kg	0.0088	0.0023	1	11/17/25 11:10	11/17/25 17:52	71-55-6	
1,1,2-Trichloroethane	0.0010 U	mg/kg	0.0088	0.0010	1	11/17/25 11:10	11/17/25 17:52	79-00-5	
Trichloroethene	0.0021 U	mg/kg	0.0088	0.0021	1	11/17/25 11:10	11/17/25 17:52	79-01-6	
Trichlorofluoromethane	0.0044 U	mg/kg	0.0088	0.0044	1	11/17/25 11:10	11/17/25 17:52	75-69-4	
1,2,3-Trichloropropane	0.0027 U	mg/kg	0.0088	0.0027	1	11/17/25 11:10	11/17/25 17:52	96-18-4	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC6 **Lab ID: 35998109006** Collected: 11/14/25 12:50 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Vinyl acetate	0.0028 U	mg/kg	0.0088	0.0028	1	11/17/25 11:10	11/17/25 17:52	108-05-4	
Vinyl chloride	0.0037 U	mg/kg	0.0088	0.0037	1	11/17/25 11:10	11/17/25 17:52	75-01-4	
Xylene (Total)	0.0091 U	mg/kg	0.027	0.0091	1	11/17/25 11:10	11/17/25 17:52	1330-20-7	
m&p-Xylene	0.0091 U	mg/kg	0.018	0.0091	1	11/17/25 11:10	11/17/25 17:52	179601-23-1	
o-Xylene	0.0017 U	mg/kg	0.0088	0.0017	1	11/17/25 11:10	11/17/25 17:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	68-125		1	11/17/25 11:10	11/17/25 17:52	460-00-4	
Toluene-d8 (S)	93	%	70-130		1	11/17/25 11:10	11/17/25 17:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1	11/17/25 11:10	11/17/25 17:52	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	39.3	%	0.10	0.10	1		12/01/25 11:37		J(D6)

Sample: JC7 **Lab ID: 35998109007** Collected: 11/14/25 13:10 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.88	mg/kg	0.64	0.32	1	12/01/25 07:54	12/02/25 17:16	7440-38-2	
Barium	0.49 I	mg/kg	0.64	0.11	1	12/01/25 07:54	12/02/25 17:16	7440-39-3	
Cadmium	0.045 I	mg/kg	0.064	0.032	1	12/01/25 07:54	12/02/25 17:16	7440-43-9	
Chromium	2.7	mg/kg	0.32	0.16	1	12/01/25 07:54	12/02/25 17:16	7440-47-3	
Lead	0.58 I	mg/kg	0.64	0.32	1	12/01/25 07:54	12/02/25 17:16	7439-92-1	
Selenium	0.57 I	mg/kg	0.96	0.48	1	12/01/25 07:54	12/02/25 17:16	7782-49-2	
Silver	0.070 U	mg/kg	0.32	0.070	1	12/01/25 07:54	12/02/25 17:16	7440-22-4	
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.013	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:44	7440-38-2	
Barium	0.024	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:44	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:44	7440-43-9	
Chromium	0.0072	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:44	7440-47-3	
Lead	0.0026 I	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:44	7439-92-1	
Selenium	0.0080 I	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:44	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:44	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC7 Lab ID: 35998109007 Collected: 11/14/25 13:10 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 13:09	7440-38-2	
Barium	0.0084 U	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 13:09	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 13:09	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 13:09	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 13:09	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 13:09	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 13:09	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:42	7439-97-6	Y
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:35	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0061 U	mg/kg	0.012	0.0061	1	12/01/25 12:25	12/01/25 16:02	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.039 U	mg/kg	0.087	0.039	1	11/17/25 23:19	11/20/25 02:21	83-32-9	P1
Acenaphthylene	0.013 U	mg/kg	0.082	0.013	1	11/17/25 23:19	11/20/25 02:21	208-96-8	P1
Aniline	0.080 U	mg/kg	0.41	0.080	1	11/17/25 23:19	11/20/25 02:21	62-53-3	P1
Anthracene	0.011 U	mg/kg	0.087	0.011	1	11/17/25 23:19	11/20/25 02:21	120-12-7	P1
Benzo(a)anthracene	0.011 U	mg/kg	0.082	0.011	1	11/17/25 23:19	11/20/25 02:21	56-55-3	P1
Benzo(a)pyrene	0.020 U	mg/kg	0.082	0.020	1	11/17/25 23:19	11/20/25 02:21	50-32-8	P1
Benzo(b)fluoranthene	0.022 U	mg/kg	0.082	0.022	1	11/17/25 23:19	11/20/25 02:21	205-99-2	P1
Benzo(g,h,i)perylene	0.021 U	mg/kg	0.082	0.021	1	11/17/25 23:19	11/20/25 02:21	191-24-2	P1
Benzo(k)fluoranthene	0.022 U	mg/kg	0.082	0.022	1	11/17/25 23:19	11/20/25 02:21	207-08-9	P1
Benzyl alcohol	0.085 U	mg/kg	0.41	0.085	1	11/17/25 23:19	11/20/25 02:21	100-51-6	P1
4-Bromophenylphenyl ether	0.078 U	mg/kg	0.41	0.078	1	11/17/25 23:19	11/20/25 02:21	101-55-3	P1
Butylbenzylphthalate	0.082 U	mg/kg	0.41	0.082	1	11/17/25 23:19	11/20/25 02:21	85-68-7	P1
4-Chloro-3-methylphenol	0.24 U	mg/kg	1.6	0.24	1	11/17/25 23:19	11/20/25 02:21	59-50-7	P1
4-Chloroaniline	0.063 U	mg/kg	0.41	0.063	1	11/17/25 23:19	11/20/25 02:21	106-47-8	P1
bis(2-Chloroethoxy)methane	0.058 U	mg/kg	0.41	0.058	1	11/17/25 23:19	11/20/25 02:21	111-91-1	P1
bis(2-Chloroethyl) ether	0.027 U	mg/kg	0.41	0.027	1	11/17/25 23:19	11/20/25 02:21	111-44-4	P1
2-Chloronaphthalene	0.019 U	mg/kg	0.41	0.019	1	11/17/25 23:19	11/20/25 02:21	91-58-7	P1
2-Chlorophenol	0.066 U	mg/kg	0.41	0.066	1	11/17/25 23:19	11/20/25 02:21	95-57-8	P1
4-Chlorophenylphenyl ether	0.058 U	mg/kg	0.41	0.058	1	11/17/25 23:19	11/20/25 02:21	7005-72-3	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC7 Lab ID: 35998109007 Collected: 11/14/25 13:10 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Chrysene	0.011 U	mg/kg	0.082	0.011	1	11/17/25 23:19	11/20/25 02:21	218-01-9	P1
Dibenz(a,h)anthracene	0.019 U	mg/kg	0.082	0.019	1	11/17/25 23:19	11/20/25 02:21	53-70-3	P1
Dibenzofuran	0.056 U	mg/kg	0.41	0.056	1	11/17/25 23:19	11/20/25 02:21	132-64-9	P1
1,2-Dichlorobenzene	0.058 U	mg/kg	0.41	0.058	1	11/17/25 23:19	11/20/25 02:21	95-50-1	P1
1,3-Dichlorobenzene	0.080 U	mg/kg	0.41	0.080	1	11/17/25 23:19	11/20/25 02:21	541-73-1	P1
1,4-Dichlorobenzene	0.058 U	mg/kg	0.41	0.058	1	11/17/25 23:19	11/20/25 02:21	106-46-7	P1
3,3'-Dichlorobenzidine	0.080 U	mg/kg	1.6	0.080	1	11/17/25 23:19	11/20/25 02:21	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.018 U	mg/kg	0.41	0.018	1	11/17/25 23:19	11/20/25 02:21	120-83-2	P1
Diethylphthalate	0.14 U	mg/kg	0.41	0.14	1	11/17/25 23:19	11/20/25 02:21	84-66-2	P1
2,4-Dimethylphenol	0.073 U	mg/kg	0.41	0.073	1	11/17/25 23:19	11/20/25 02:21	105-67-9	P1
Dimethylphthalate	0.066 U	mg/kg	0.41	0.066	1	11/17/25 23:19	11/20/25 02:21	131-11-3	P1
Di-n-butylphthalate	0.32 U	mg/kg	0.41	0.32	1	11/17/25 23:19	11/20/25 02:21	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.54 U	mg/kg	1.6	0.54	1	11/17/25 23:19	11/20/25 02:21	534-52-1	P1
2,4-Dinitrophenol	0.66 U	mg/kg	1.6	0.66	1	11/17/25 23:19	11/20/25 02:21	51-28-5	P1
2,4-Dinitrotoluene	0.12 U	mg/kg	0.41	0.12	1	11/17/25 23:19	11/20/25 02:21	121-14-2	P1
2,6-Dinitrotoluene	0.081 U	mg/kg	0.41	0.081	1	11/17/25 23:19	11/20/25 02:21	606-20-2	P1
Di-n-octylphthalate	0.099 U	mg/kg	0.41	0.099	1	11/17/25 23:19	11/20/25 02:21	117-84-0	P1
1,2-Diphenylhydrazine	0.090 U	mg/kg	0.41	0.090	1	11/17/25 23:19	11/20/25 02:21	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.085 U	mg/kg	0.41	0.085	1	11/17/25 23:19	11/20/25 02:21	117-81-7	P1
Fluoranthene	0.027 U	mg/kg	0.082	0.027	1	11/17/25 23:19	11/20/25 02:21	206-44-0	P1
Fluorene	0.029 U	mg/kg	0.090	0.029	1	11/17/25 23:19	11/20/25 02:21	86-73-7	P1
Hexachloro-1,3-butadiene	0.029 U	mg/kg	0.41	0.029	1	11/17/25 23:19	11/20/25 02:21	87-68-3	P1
Hexachlorobenzene	0.016 U	mg/kg	0.41	0.016	1	11/17/25 23:19	11/20/25 02:21	118-74-1	P1
Hexachlorocyclopentadiene	0.30 U	mg/kg	1.6	0.30	1	11/17/25 23:19	11/20/25 02:21	77-47-4	P1
Hexachloroethane	0.063 U	mg/kg	0.41	0.063	1	11/17/25 23:19	11/20/25 02:21	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.019 U	mg/kg	0.082	0.019	1	11/17/25 23:19	11/20/25 02:21	193-39-5	P1
Isophorone	0.070 U	mg/kg	0.41	0.070	1	11/17/25 23:19	11/20/25 02:21	78-59-1	P1
1-Methylnaphthalene	0.014 U	mg/kg	0.097	0.014	1	11/17/25 23:19	11/20/25 02:21	90-12-0	P1
2-Methylnaphthalene	0.013 U	mg/kg	0.095	0.013	1	11/17/25 23:19	11/20/25 02:21	91-57-6	P1
2-Methylphenol(o-Cresol)	0.020 U	mg/kg	0.41	0.020	1	11/17/25 23:19	11/20/25 02:21	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.019 U	mg/kg	0.41	0.019	1	11/17/25 23:19	11/20/25 02:21		P1
Naphthalene	0.029 U	mg/kg	0.085	0.029	1	11/17/25 23:19	11/20/25 02:21	91-20-3	P1
2-Nitroaniline	0.10 U	mg/kg	0.41	0.10	1	11/17/25 23:19	11/20/25 02:21	88-74-4	P1
3-Nitroaniline	0.090 U	mg/kg	0.41	0.090	1	11/17/25 23:19	11/20/25 02:21	99-09-2	P1
4-Nitroaniline	0.021 U	mg/kg	0.41	0.021	1	11/17/25 23:19	11/20/25 02:21	100-01-6	P1
Nitrobenzene	0.027 U	mg/kg	0.41	0.027	1	11/17/25 23:19	11/20/25 02:21	98-95-3	P1
2-Nitrophenol	0.13 U	mg/kg	0.41	0.13	1	11/17/25 23:19	11/20/25 02:21	88-75-5	P1
4-Nitrophenol	0.18 U	mg/kg	0.53	0.18	1	11/17/25 23:19	11/20/25 02:21	100-02-7	P1
N-Nitrosodimethylamine	0.027 U	mg/kg	0.41	0.027	1	11/17/25 23:19	11/20/25 02:21	62-75-9	P1
N-Nitroso-di-n-propylamine	0.016 U	mg/kg	0.41	0.016	1	11/17/25 23:19	11/20/25 02:21	621-64-7	P1
N-Nitrosodiphenylamine	0.053 U	mg/kg	0.41	0.053	1	11/17/25 23:19	11/20/25 02:21	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.082 U	mg/kg	0.41	0.082	1	11/17/25 23:19	11/20/25 02:21	108-60-1	P1
Pentachlorophenol	0.21 U	mg/kg	1.6	0.21	1	11/17/25 23:19	11/20/25 02:21	87-86-5	P1
Phenanthrene	0.012 U	mg/kg	0.082	0.012	1	11/17/25 23:19	11/20/25 02:21	85-01-8	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC7 Lab ID: 35998109007 Collected: 11/14/25 13:10 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Phenol	0.078 U	mg/kg	0.41	0.078	1	11/17/25 23:19	11/20/25 02:21	108-95-2	P1
Pyrene	0.024 U	mg/kg	0.082	0.024	1	11/17/25 23:19	11/20/25 02:21	129-00-0	P1
1,2,4-Trichlorobenzene	0.058 U	mg/kg	0.41	0.058	1	11/17/25 23:19	11/20/25 02:21	120-82-1	P1
2,4,5-Trichlorophenol	0.016 U	mg/kg	0.41	0.016	1	11/17/25 23:19	11/20/25 02:21	95-95-4	P1
2,4,6-Trichlorophenol	0.022 U	mg/kg	0.41	0.022	1	11/17/25 23:19	11/20/25 02:21	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	65	%	24-98		1	11/17/25 23:19	11/20/25 02:21	4165-60-0	
2-Fluorobiphenyl (S)	58	%	29-101		1	11/17/25 23:19	11/20/25 02:21	321-60-8	
p-Terphenyl-d14 (S)	72	%	29-112		1	11/17/25 23:19	11/20/25 02:21	1718-51-0	
Phenol-d6 (S)	58	%	10-104		1	11/17/25 23:19	11/20/25 02:21	13127-88-3	
2-Fluorophenol (S)	57	%	19-95		1	11/17/25 23:19	11/20/25 02:21	367-12-4	
2,4,6-Tribromophenol (S)	60	%	23-110		1	11/17/25 23:19	11/20/25 02:21	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 18:56	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 18:56	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 18:56	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 18:56	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 18:56	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 18:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 18:56	12-02-5	
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 18:56	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 18:56	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 18:56	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 18:56	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 18:56	88-06-2	
Surrogates									
Phenol-d6 (S)	33	%	14-67		1	11/22/25 10:45	12/02/25 18:56	13127-88-3	
2-Fluorobiphenyl (S)	49	%	13-83		1	11/22/25 10:45	12/02/25 18:56	321-60-8	
Nitrobenzene-d5 (S)	49	%	11-95		1	11/22/25 10:45	12/02/25 18:56	4165-60-0	
p-Terphenyl-d14 (S)	62	%	36-129		1	11/22/25 10:45	12/02/25 18:56	1718-51-0	
2-Fluorophenol (S)	42	%	11-72		1	11/22/25 10:45	12/02/25 18:56	367-12-4	
2,4,6-Tribromophenol (S)	49	%	20-123		1	11/22/25 10:45	12/02/25 18:56	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
Benzene	0.0012	mg/L	0.0010	0.00030	1		11/26/25 03:55	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		11/26/25 03:55	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		11/26/25 03:55	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		11/26/25 03:55	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		11/26/25 03:55	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		11/26/25 03:55	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC7 Lab ID: 35998109007 Collected: 11/14/25 13:10 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/24/25 17:28									
Pace Analytical Services - Ormond Beach									
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		11/26/25 03:55	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		11/26/25 03:55	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		11/26/25 03:55	127-18-4	J(v2)
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		11/26/25 03:55	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		11/26/25 03:55	75-01-4	J(v1)
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		11/26/25 03:55	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		11/26/25 03:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/26/25 03:55	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.025 U	mg/kg	0.057	0.025	1	11/17/25 11:10	11/17/25 18:15	67-64-1	
Acetonitrile	0.017 U	mg/kg	0.057	0.017	1	11/17/25 11:10	11/17/25 18:15	75-05-8	
Benzene	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	71-43-2	
Bromochloromethane	0.00085 U	mg/kg	0.0057	0.00085	1	11/17/25 11:10	11/17/25 18:15	74-97-5	
Bromodichloromethane	0.0013 U	mg/kg	0.0057	0.0013	1	11/17/25 11:10	11/17/25 18:15	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0057	0.0013	1	11/17/25 11:10	11/17/25 18:15	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0057	0.0021	1	11/17/25 11:10	11/17/25 18:15	74-83-9	
2-Butanone (MEK)	0.016 U	mg/kg	0.057	0.016	1	11/17/25 11:10	11/17/25 18:15	78-93-3	
Carbon disulfide	0.0029 U	mg/kg	0.0057	0.0029	1	11/17/25 11:10	11/17/25 18:15	75-15-0	
Carbon tetrachloride	0.0014 U	mg/kg	0.0057	0.0014	1	11/17/25 11:10	11/17/25 18:15	56-23-5	
Chlorobenzene	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	108-90-7	
Chloroethane	0.0024 U	mg/kg	0.0057	0.0024	1	11/17/25 11:10	11/17/25 18:15	75-00-3	
Chloroform	0.0021 U	mg/kg	0.0057	0.0021	1	11/17/25 11:10	11/17/25 18:15	67-66-3	
Chloromethane	0.0022 U	mg/kg	0.0057	0.0022	1	11/17/25 11:10	11/17/25 18:15	74-87-3	
1,2-Dibromo-3-chloropropane	0.0014 U	mg/kg	0.0057	0.0014	1	11/17/25 11:10	11/17/25 18:15	96-12-8	
Dibromochloromethane	0.0010 U	mg/kg	0.0057	0.0010	1	11/17/25 11:10	11/17/25 18:15	124-48-1	
1,2-Dibromoethane (EDB)	0.00085 U	mg/kg	0.0057	0.00085	1	11/17/25 11:10	11/17/25 18:15	106-93-4	
Dibromomethane	0.00081 U	mg/kg	0.0057	0.00081	1	11/17/25 11:10	11/17/25 18:15	74-95-3	
1,2-Dichlorobenzene	0.00087 U	mg/kg	0.0057	0.00087	1	11/17/25 11:10	11/17/25 18:15	95-50-1	
1,4-Dichlorobenzene	0.00077 U	mg/kg	0.0057	0.00077	1	11/17/25 11:10	11/17/25 18:15	106-46-7	
trans-1,4-Dichloro-2-butene	0.0014 U	mg/kg	0.0057	0.0014	1	11/17/25 11:10	11/17/25 18:15	110-57-6	
1,1-Dichloroethane	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	75-34-3	
1,2-Dichloroethane	0.0025 U	mg/kg	0.0057	0.0025	1	11/17/25 11:10	11/17/25 18:15	107-06-2	
1,2-Dichloroethene (Total)	0.0035 U	mg/kg	0.0057	0.0035	1	11/17/25 11:10	11/17/25 18:15	540-59-0	
1,1-Dichloroethene	0.0029 U	mg/kg	0.0057	0.0029	1	11/17/25 11:10	11/17/25 18:15	75-35-4	
cis-1,2-Dichloroethene	0.0013 U	mg/kg	0.0057	0.0013	1	11/17/25 11:10	11/17/25 18:15	156-59-2	
trans-1,2-Dichloroethene	0.0015 U	mg/kg	0.0057	0.0015	1	11/17/25 11:10	11/17/25 18:15	156-60-5	
1,2-Dichloropropane	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	78-87-5	
cis-1,3-Dichloropropene	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	10061-02-6	
Ethylbenzene	0.0014 U	mg/kg	0.0057	0.0014	1	11/17/25 11:10	11/17/25 18:15	100-41-4	
2-Hexanone	0.0057 U	mg/kg	0.029	0.0057	1	11/17/25 11:10	11/17/25 18:15	591-78-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC7 Lab ID: 35998109007 Collected: 11/14/25 13:10 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Iodomethane	0.0026 U	mg/kg	0.011	0.0026	1	11/17/25 11:10	11/17/25 18:15	74-88-4	
Isopropylbenzene (Cumene)	0.0015 U	mg/kg	0.0057	0.0015	1	11/17/25 11:10	11/17/25 18:15	98-82-8	
Methylene Chloride	0.0050 U	mg/kg	0.0057	0.0050	1	11/17/25 11:10	11/17/25 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0057 U	mg/kg	0.029	0.0057	1	11/17/25 11:10	11/17/25 18:15	108-10-1	
Methyl-tert-butyl ether	0.0017 U	mg/kg	0.0057	0.0017	1	11/17/25 11:10	11/17/25 18:15	1634-04-4	
Styrene	0.0029 U	mg/kg	0.0057	0.0029	1	11/17/25 11:10	11/17/25 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	0.00070 U	mg/kg	0.0057	0.00070	1	11/17/25 11:10	11/17/25 18:15	79-34-5	
Tetrachloroethene	0.0014 U	mg/kg	0.0057	0.0014	1	11/17/25 11:10	11/17/25 18:15	127-18-4	
Toluene	0.0023 U	mg/kg	0.0057	0.0023	1	11/17/25 11:10	11/17/25 18:15	108-88-3	
1,1,1-Trichloroethane	0.0015 U	mg/kg	0.0057	0.0015	1	11/17/25 11:10	11/17/25 18:15	71-55-6	
1,1,2-Trichloroethane	0.00068 U	mg/kg	0.0057	0.00068	1	11/17/25 11:10	11/17/25 18:15	79-00-5	
Trichloroethene	0.0014 U	mg/kg	0.0057	0.0014	1	11/17/25 11:10	11/17/25 18:15	79-01-6	
Trichlorofluoromethane	0.0029 U	mg/kg	0.0057	0.0029	1	11/17/25 11:10	11/17/25 18:15	75-69-4	
1,2,3-Trichloropropane	0.0017 U	mg/kg	0.0057	0.0017	1	11/17/25 11:10	11/17/25 18:15	96-18-4	
Vinyl acetate	0.0018 U	mg/kg	0.0057	0.0018	1	11/17/25 11:10	11/17/25 18:15	108-05-4	
Vinyl chloride	0.0024 U	mg/kg	0.0057	0.0024	1	11/17/25 11:10	11/17/25 18:15	75-01-4	
Xylene (Total)	0.0059 U	mg/kg	0.017	0.0059	1	11/17/25 11:10	11/17/25 18:15	1330-20-7	
m&p-Xylene	0.0059 U	mg/kg	0.011	0.0059	1	11/17/25 11:10	11/17/25 18:15	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0057	0.0011	1	11/17/25 11:10	11/17/25 18:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	68-125		1	11/17/25 11:10	11/17/25 18:15	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	11/17/25 11:10	11/17/25 18:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1	11/17/25 11:10	11/17/25 18:15	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Ormond Beach

Percent Moisture 22.2 % 0.10 0.10 1 12/01/25 11:37

Sample: JC8 Lab ID: 35998109008 Collected: 11/14/25 13:25 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	4.2	mg/kg	0.64	0.32	1	12/01/25 07:54	12/02/25 17:20	7440-38-2	
Barium	0.42 I	mg/kg	0.64	0.11	1	12/01/25 07:54	12/02/25 17:20	7440-39-3	
Cadmium	0.067	mg/kg	0.064	0.032	1	12/01/25 07:54	12/02/25 17:20	7440-43-9	
Chromium	3.1	mg/kg	0.32	0.16	1	12/01/25 07:54	12/02/25 17:20	7440-47-3	
Lead	0.61 I	mg/kg	0.64	0.32	1	12/01/25 07:54	12/02/25 17:20	7439-92-1	
Selenium	0.64 I	mg/kg	0.96	0.48	1	12/01/25 07:54	12/02/25 17:20	7782-49-2	
Silver	0.071 U	mg/kg	0.32	0.071	1	12/01/25 07:54	12/02/25 17:20	7440-22-4	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC8 Lab ID: 35998109008 Collected: 11/14/25 13:25 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.021	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:49	7440-38-2	
Barium	0.023	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:49	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:49	7440-43-9	
Chromium	0.0078	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:49	7440-47-3	
Lead	0.0024 I	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:49	7439-92-1	
Selenium	0.0066 I	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:49	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:49	7440-22-4	
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 13:13	7440-38-2	
Barium	0.010 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 13:13	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 13:13	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 13:13	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 13:13	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 13:13	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 13:13	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:49	7439-97-6	
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:37	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0054 U	mg/kg	0.011	0.0054	1	12/01/25 12:25	12/01/25 16:04	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.041 U	mg/kg	0.093	0.041	1	11/17/25 23:19	11/20/25 02:46	83-32-9	P1
Acenaphthylene	0.014 U	mg/kg	0.088	0.014	1	11/17/25 23:19	11/20/25 02:46	208-96-8	P1
Aniline	0.085 U	mg/kg	0.44	0.085	1	11/17/25 23:19	11/20/25 02:46	62-53-3	P1
Anthracene	0.012 U	mg/kg	0.093	0.012	1	11/17/25 23:19	11/20/25 02:46	120-12-7	P1
Benzo(a)anthracene	0.012 U	mg/kg	0.088	0.012	1	11/17/25 23:19	11/20/25 02:46	56-55-3	P1
Benzo(a)pyrene	0.022 U	mg/kg	0.088	0.022	1	11/17/25 23:19	11/20/25 02:46	50-32-8	P1
Benzo(b)fluoranthene	0.023 U	mg/kg	0.088	0.023	1	11/17/25 23:19	11/20/25 02:46	205-99-2	P1
Benzo(g,h,i)perylene	0.022 U	mg/kg	0.088	0.022	1	11/17/25 23:19	11/20/25 02:46	191-24-2	P1
Benzo(k)fluoranthene	0.023 U	mg/kg	0.088	0.023	1	11/17/25 23:19	11/20/25 02:46	207-08-9	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC8 Lab ID: 35998109008 Collected: 11/14/25 13:25 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Benzyl alcohol	0.091 U	mg/kg	0.44	0.091	1	11/17/25 23:19	11/20/25 02:46	100-51-6	P1
4-Bromophenylphenyl ether	0.083 U	mg/kg	0.44	0.083	1	11/17/25 23:19	11/20/25 02:46	101-55-3	P1
Butylbenzylphthalate	0.088 U	mg/kg	0.44	0.088	1	11/17/25 23:19	11/20/25 02:46	85-68-7	P1
4-Chloro-3-methylphenol	0.26 U	mg/kg	1.7	0.26	1	11/17/25 23:19	11/20/25 02:46	59-50-7	P1
4-Chloroaniline	0.067 U	mg/kg	0.44	0.067	1	11/17/25 23:19	11/20/25 02:46	106-47-8	P1
bis(2-Chloroethoxy)methane	0.062 U	mg/kg	0.44	0.062	1	11/17/25 23:19	11/20/25 02:46	111-91-1	P1
bis(2-Chloroethyl) ether	0.028 U	mg/kg	0.44	0.028	1	11/17/25 23:19	11/20/25 02:46	111-44-4	P1
2-Chloronaphthalene	0.021 U	mg/kg	0.44	0.021	1	11/17/25 23:19	11/20/25 02:46	91-58-7	P1
2-Chlorophenol	0.070 U	mg/kg	0.44	0.070	1	11/17/25 23:19	11/20/25 02:46	95-57-8	P1
4-Chlorophenylphenyl ether	0.062 U	mg/kg	0.44	0.062	1	11/17/25 23:19	11/20/25 02:46	7005-72-3	P1
Chrysene	0.012 U	mg/kg	0.088	0.012	1	11/17/25 23:19	11/20/25 02:46	218-01-9	P1
Dibenz(a,h)anthracene	0.020 U	mg/kg	0.088	0.020	1	11/17/25 23:19	11/20/25 02:46	53-70-3	P1
Dibenzofuran	0.060 U	mg/kg	0.44	0.060	1	11/17/25 23:19	11/20/25 02:46	132-64-9	P1
1,2-Dichlorobenzene	0.062 U	mg/kg	0.44	0.062	1	11/17/25 23:19	11/20/25 02:46	95-50-1	P1
1,3-Dichlorobenzene	0.085 U	mg/kg	0.44	0.085	1	11/17/25 23:19	11/20/25 02:46	541-73-1	P1
1,4-Dichlorobenzene	0.062 U	mg/kg	0.44	0.062	1	11/17/25 23:19	11/20/25 02:46	106-46-7	P1
3,3'-Dichlorobenzidine	0.085 U	mg/kg	1.7	0.085	1	11/17/25 23:19	11/20/25 02:46	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.019 U	mg/kg	0.44	0.019	1	11/17/25 23:19	11/20/25 02:46	120-83-2	P1
Diethylphthalate	0.15 U	mg/kg	0.44	0.15	1	11/17/25 23:19	11/20/25 02:46	84-66-2	P1
2,4-Dimethylphenol	0.078 U	mg/kg	0.44	0.078	1	11/17/25 23:19	11/20/25 02:46	105-67-9	P1
Dimethylphthalate	0.070 U	mg/kg	0.44	0.070	1	11/17/25 23:19	11/20/25 02:46	131-11-3	P1
Di-n-butylphthalate	0.34 U	mg/kg	0.44	0.34	1	11/17/25 23:19	11/20/25 02:46	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.57 U	mg/kg	1.7	0.57	1	11/17/25 23:19	11/20/25 02:46	534-52-1	P1
2,4-Dinitrophenol	0.70 U	mg/kg	1.7	0.70	1	11/17/25 23:19	11/20/25 02:46	51-28-5	P1
2,4-Dinitrotoluene	0.13 U	mg/kg	0.44	0.13	1	11/17/25 23:19	11/20/25 02:46	121-14-2	P1
2,6-Dinitrotoluene	0.086 U	mg/kg	0.44	0.086	1	11/17/25 23:19	11/20/25 02:46	606-20-2	P1
Di-n-octylphthalate	0.11 U	mg/kg	0.44	0.11	1	11/17/25 23:19	11/20/25 02:46	117-84-0	P1
1,2-Diphenylhydrazine	0.096 U	mg/kg	0.44	0.096	1	11/17/25 23:19	11/20/25 02:46	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.091 U	mg/kg	0.44	0.091	1	11/17/25 23:19	11/20/25 02:46	117-81-7	P1
Fluoranthene	0.028 U	mg/kg	0.088	0.028	1	11/17/25 23:19	11/20/25 02:46	206-44-0	P1
Fluorene	0.031 U	mg/kg	0.096	0.031	1	11/17/25 23:19	11/20/25 02:46	86-73-7	P1
Hexachloro-1,3-butadiene	0.031 U	mg/kg	0.44	0.031	1	11/17/25 23:19	11/20/25 02:46	87-68-3	P1
Hexachlorobenzene	0.017 U	mg/kg	0.44	0.017	1	11/17/25 23:19	11/20/25 02:46	118-74-1	P1
Hexachlorocyclopentadiene	0.32 U	mg/kg	1.7	0.32	1	11/17/25 23:19	11/20/25 02:46	77-47-4	P1
Hexachloroethane	0.067 U	mg/kg	0.44	0.067	1	11/17/25 23:19	11/20/25 02:46	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.020 U	mg/kg	0.088	0.020	1	11/17/25 23:19	11/20/25 02:46	193-39-5	P1
Isophorone	0.075 U	mg/kg	0.44	0.075	1	11/17/25 23:19	11/20/25 02:46	78-59-1	P1
1-Methylnaphthalene	0.014 U	mg/kg	0.10	0.014	1	11/17/25 23:19	11/20/25 02:46	90-12-0	P1
2-Methylnaphthalene	0.014 U	mg/kg	0.10	0.014	1	11/17/25 23:19	11/20/25 02:46	91-57-6	P1
2-Methylphenol(o-Cresol)	0.021 U	mg/kg	0.44	0.021	1	11/17/25 23:19	11/20/25 02:46	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.020 U	mg/kg	0.44	0.020	1	11/17/25 23:19	11/20/25 02:46		P1
Naphthalene	0.031 U	mg/kg	0.091	0.031	1	11/17/25 23:19	11/20/25 02:46	91-20-3	P1
2-Nitroaniline	0.11 U	mg/kg	0.44	0.11	1	11/17/25 23:19	11/20/25 02:46	88-74-4	P1
3-Nitroaniline	0.096 U	mg/kg	0.44	0.096	1	11/17/25 23:19	11/20/25 02:46	99-09-2	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC8 Lab ID: 35998109008 Collected: 11/14/25 13:25 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
4-Nitroaniline	0.022 U	mg/kg	0.44	0.022	1	11/17/25 23:19	11/20/25 02:46	100-01-6	P1
Nitrobenzene	0.029 U	mg/kg	0.44	0.029	1	11/17/25 23:19	11/20/25 02:46	98-95-3	P1
2-Nitrophenol	0.14 U	mg/kg	0.44	0.14	1	11/17/25 23:19	11/20/25 02:46	88-75-5	P1
4-Nitrophenol	0.19 U	mg/kg	0.56	0.19	1	11/17/25 23:19	11/20/25 02:46	100-02-7	P1
N-Nitrosodimethylamine	0.028 U	mg/kg	0.44	0.028	1	11/17/25 23:19	11/20/25 02:46	62-75-9	P1
N-Nitroso-di-n-propylamine	0.017 U	mg/kg	0.44	0.017	1	11/17/25 23:19	11/20/25 02:46	621-64-7	P1
N-Nitrosodiphenylamine	0.057 U	mg/kg	0.44	0.057	1	11/17/25 23:19	11/20/25 02:46	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.088 U	mg/kg	0.44	0.088	1	11/17/25 23:19	11/20/25 02:46	108-60-1	P1
Pentachlorophenol	0.23 U	mg/kg	1.7	0.23	1	11/17/25 23:19	11/20/25 02:46	87-86-5	P1
Phenanthrene	0.012 U	mg/kg	0.088	0.012	1	11/17/25 23:19	11/20/25 02:46	85-01-8	P1
Phenol	0.083 U	mg/kg	0.44	0.083	1	11/17/25 23:19	11/20/25 02:46	108-95-2	P1
Pyrene	0.026 U	mg/kg	0.088	0.026	1	11/17/25 23:19	11/20/25 02:46	129-00-0	P1
1,2,4-Trichlorobenzene	0.062 U	mg/kg	0.44	0.062	1	11/17/25 23:19	11/20/25 02:46	120-82-1	P1
2,4,5-Trichlorophenol	0.017 U	mg/kg	0.44	0.017	1	11/17/25 23:19	11/20/25 02:46	95-95-4	P1
2,4,6-Trichlorophenol	0.024 U	mg/kg	0.44	0.024	1	11/17/25 23:19	11/20/25 02:46	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	60	%	24-98		1	11/17/25 23:19	11/20/25 02:46	4165-60-0	
2-Fluorobiphenyl (S)	53	%	29-101		1	11/17/25 23:19	11/20/25 02:46	321-60-8	
p-Terphenyl-d14 (S)	63	%	29-112		1	11/17/25 23:19	11/20/25 02:46	1718-51-0	
Phenol-d6 (S)	53	%	10-104		1	11/17/25 23:19	11/20/25 02:46	13127-88-3	
2-Fluorophenol (S)	53	%	19-95		1	11/17/25 23:19	11/20/25 02:46	367-12-4	
2,4,6-Tribromophenol (S)	55	%	23-110		1	11/17/25 23:19	11/20/25 02:46	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 19:18	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 19:18	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 19:18	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 19:18	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 19:18	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 19:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 19:18		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 19:18	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 19:18	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 19:18	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 19:18	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 19:18	88-06-2	
Surrogates									
Phenol-d6 (S)	38	%	14-67		1	11/22/25 10:45	12/02/25 19:18	13127-88-3	
2-Fluorobiphenyl (S)	55	%	13-83		1	11/22/25 10:45	12/02/25 19:18	321-60-8	
Nitrobenzene-d5 (S)	56	%	11-95		1	11/22/25 10:45	12/02/25 19:18	4165-60-0	
p-Terphenyl-d14 (S)	62	%	36-129		1	11/22/25 10:45	12/02/25 19:18	1718-51-0	
2-Fluorophenol (S)	40	%	11-72		1	11/22/25 10:45	12/02/25 19:18	367-12-4	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC8 Lab ID: 35998109008 Collected: 11/14/25 13:25 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	51	%	20-123		1	11/22/25 10:45	12/02/25 19:18	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/25/25 18:25									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		12/03/25 01:45	71-43-2	J(M1)
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		12/03/25 01:45	78-93-3	J(M1)
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		12/03/25 01:45	56-23-5	J(M1)
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		12/03/25 01:45	108-90-7	J(M1)
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		12/03/25 01:45	67-66-3	J(M1)
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		12/03/25 01:45	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		12/03/25 01:45	107-06-2	J(M1)
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		12/03/25 01:45	75-35-4	J(M1)
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		12/03/25 01:45	127-18-4	
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		12/03/25 01:45	79-01-6	J(M1)
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		12/03/25 01:45	75-01-4	J(M1)
Surrogates									
Toluene-d8 (S)	107	%	70-130		1		12/03/25 01:45	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		12/03/25 01:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		12/03/25 01:45	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.039 I	mg/kg	0.047	0.021	1	11/17/25 11:10	11/17/25 18:38	67-64-1	
Acetonitrile	0.014 U	mg/kg	0.047	0.014	1	11/17/25 11:10	11/17/25 18:38	75-05-8	
Benzene	0.00095 U	mg/kg	0.0047	0.00095	1	11/17/25 11:10	11/17/25 18:38	71-43-2	
Bromochloromethane	0.00070 U	mg/kg	0.0047	0.00070	1	11/17/25 11:10	11/17/25 18:38	74-97-5	
Bromodichloromethane	0.0010 U	mg/kg	0.0047	0.0010	1	11/17/25 11:10	11/17/25 18:38	75-27-4	
Bromoform	0.0010 U	mg/kg	0.0047	0.0010	1	11/17/25 11:10	11/17/25 18:38	75-25-2	
Bromomethane	0.0017 U	mg/kg	0.0047	0.0017	1	11/17/25 11:10	11/17/25 18:38	74-83-9	
2-Butanone (MEK)	0.013 U	mg/kg	0.047	0.013	1	11/17/25 11:10	11/17/25 18:38	78-93-3	
Carbon disulfide	0.0025 I	mg/kg	0.0047	0.0024	1	11/17/25 11:10	11/17/25 18:38	75-15-0	
Carbon tetrachloride	0.0011 U	mg/kg	0.0047	0.0011	1	11/17/25 11:10	11/17/25 18:38	56-23-5	
Chlorobenzene	0.00088 U	mg/kg	0.0047	0.00088	1	11/17/25 11:10	11/17/25 18:38	108-90-7	
Chloroethane	0.0020 U	mg/kg	0.0047	0.0020	1	11/17/25 11:10	11/17/25 18:38	75-00-3	
Chloroform	0.0017 U	mg/kg	0.0047	0.0017	1	11/17/25 11:10	11/17/25 18:38	67-66-3	
Chloromethane	0.0019 U	mg/kg	0.0047	0.0019	1	11/17/25 11:10	11/17/25 18:38	74-87-3	
1,2-Dibromo-3-chloropropane	0.0011 U	mg/kg	0.0047	0.0011	1	11/17/25 11:10	11/17/25 18:38	96-12-8	
Dibromochloromethane	0.00083 U	mg/kg	0.0047	0.00083	1	11/17/25 11:10	11/17/25 18:38	124-48-1	
1,2-Dibromoethane (EDB)	0.00070 U	mg/kg	0.0047	0.00070	1	11/17/25 11:10	11/17/25 18:38	106-93-4	
Dibromomethane	0.00067 U	mg/kg	0.0047	0.00067	1	11/17/25 11:10	11/17/25 18:38	74-95-3	
1,2-Dichlorobenzene	0.00072 U	mg/kg	0.0047	0.00072	1	11/17/25 11:10	11/17/25 18:38	95-50-1	
1,4-Dichlorobenzene	0.00064 U	mg/kg	0.0047	0.00064	1	11/17/25 11:10	11/17/25 18:38	106-46-7	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC8 Lab ID: 35998109008 Collected: 11/14/25 13:25 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
trans-1,4-Dichloro-2-butene	0.0011 U	mg/kg	0.0047	0.0011	1	11/17/25 11:10	11/17/25 18:38	110-57-6	
1,1-Dichloroethane	0.00093 U	mg/kg	0.0047	0.00093	1	11/17/25 11:10	11/17/25 18:38	75-34-3	
1,2-Dichloroethane	0.0021 U	mg/kg	0.0047	0.0021	1	11/17/25 11:10	11/17/25 18:38	107-06-2	
1,2-Dichloroethene (Total)	0.0029 U	mg/kg	0.0047	0.0029	1	11/17/25 11:10	11/17/25 18:38	540-59-0	
1,1-Dichloroethene	0.0024 U	mg/kg	0.0047	0.0024	1	11/17/25 11:10	11/17/25 18:38	75-35-4	
cis-1,2-Dichloroethene	0.0010 U	mg/kg	0.0047	0.0010	1	11/17/25 11:10	11/17/25 18:38	156-59-2	
trans-1,2-Dichloroethene	0.0012 U	mg/kg	0.0047	0.0012	1	11/17/25 11:10	11/17/25 18:38	156-60-5	
1,2-Dichloropropane	0.00087 U	mg/kg	0.0047	0.00087	1	11/17/25 11:10	11/17/25 18:38	78-87-5	
cis-1,3-Dichloropropene	0.00095 U	mg/kg	0.0047	0.00095	1	11/17/25 11:10	11/17/25 18:38	10061-01-5	
trans-1,3-Dichloropropene	0.00094 U	mg/kg	0.0047	0.00094	1	11/17/25 11:10	11/17/25 18:38	10061-02-6	
Ethylbenzene	0.0011 U	mg/kg	0.0047	0.0011	1	11/17/25 11:10	11/17/25 18:38	100-41-4	
2-Hexanone	0.0047 U	mg/kg	0.024	0.0047	1	11/17/25 11:10	11/17/25 18:38	591-78-6	
Iodomethane	0.0021 U	mg/kg	0.0095	0.0021	1	11/17/25 11:10	11/17/25 18:38	74-88-4	
Isopropylbenzene (Cumene)	0.0012 U	mg/kg	0.0047	0.0012	1	11/17/25 11:10	11/17/25 18:38	98-82-8	
Methylene Chloride	0.0042 U	mg/kg	0.0047	0.0042	1	11/17/25 11:10	11/17/25 18:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0047 U	mg/kg	0.024	0.0047	1	11/17/25 11:10	11/17/25 18:38	108-10-1	
Methyl-tert-butyl ether	0.0014 U	mg/kg	0.0047	0.0014	1	11/17/25 11:10	11/17/25 18:38	1634-04-4	
Styrene	0.0024 U	mg/kg	0.0047	0.0024	1	11/17/25 11:10	11/17/25 18:38	100-42-5	
1,1,1,2-Tetrachloroethane	0.00095 U	mg/kg	0.0047	0.00095	1	11/17/25 11:10	11/17/25 18:38	630-20-6	
1,1,1,2-Tetrachloroethane	0.00058 U	mg/kg	0.0047	0.00058	1	11/17/25 11:10	11/17/25 18:38	79-34-5	
Tetrachloroethene	0.0011 U	mg/kg	0.0047	0.0011	1	11/17/25 11:10	11/17/25 18:38	127-18-4	
Toluene	0.0019 U	mg/kg	0.0047	0.0019	1	11/17/25 11:10	11/17/25 18:38	108-88-3	
1,1,1-Trichloroethane	0.0012 U	mg/kg	0.0047	0.0012	1	11/17/25 11:10	11/17/25 18:38	71-55-6	
1,1,2-Trichloroethane	0.00056 U	mg/kg	0.0047	0.00056	1	11/17/25 11:10	11/17/25 18:38	79-00-5	
Trichloroethene	0.0011 U	mg/kg	0.0047	0.0011	1	11/17/25 11:10	11/17/25 18:38	79-01-6	
Trichlorofluoromethane	0.0024 U	mg/kg	0.0047	0.0024	1	11/17/25 11:10	11/17/25 18:38	75-69-4	
1,2,3-Trichloropropane	0.0014 U	mg/kg	0.0047	0.0014	1	11/17/25 11:10	11/17/25 18:38	96-18-4	
Vinyl acetate	0.0015 U	mg/kg	0.0047	0.0015	1	11/17/25 11:10	11/17/25 18:38	108-05-4	
Vinyl chloride	0.0020 U	mg/kg	0.0047	0.0020	1	11/17/25 11:10	11/17/25 18:38	75-01-4	
Xylene (Total)	0.0049 U	mg/kg	0.014	0.0049	1	11/17/25 11:10	11/17/25 18:38	1330-20-7	
m&p-Xylene	0.0049 U	mg/kg	0.0095	0.0049	1	11/17/25 11:10	11/17/25 18:38	179601-23-1	
o-Xylene	0.00091 U	mg/kg	0.0047	0.00091	1	11/17/25 11:10	11/17/25 18:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	68-125		1	11/17/25 11:10	11/17/25 18:38	460-00-4	
Toluene-d8 (S)	95	%	70-130		1	11/17/25 11:10	11/17/25 18:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	11/17/25 11:10	11/17/25 18:38	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Ormond Beach

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	25.1	%	0.10	0.10	1		12/01/25 11:39		

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC9 Lab ID: 35998109009 Collected: 11/14/25 13:45 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	3.1	mg/kg	0.73	0.36	1	11/20/25 06:53	11/21/25 07:36	7440-38-2	
Barium	1.0	mg/kg	0.73	0.12	1	11/20/25 06:53	11/21/25 07:36	7440-39-3	
Cadmium	0.20	mg/kg	0.073	0.036	1	11/20/25 06:53	11/21/25 07:36	7440-43-9	
Chromium	8.1	mg/kg	0.36	0.18	1	11/20/25 06:53	11/21/25 07:36	7440-47-3	
Lead	0.87	mg/kg	0.73	0.36	1	11/20/25 06:53	11/21/25 07:36	7439-92-1	
Selenium	0.79 I	mg/kg	1.1	0.55	1	11/20/25 06:53	11/21/25 07:36	7782-49-2	
Silver	0.080 U	mg/kg	0.36	0.080	1	11/20/25 06:53	11/21/25 07:36	7440-22-4	
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.010	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:53	7440-38-2	
Barium	0.025	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:53	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:53	7440-43-9	
Chromium	0.0050	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:53	7440-47-3	
Lead	0.0022 I	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:53	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:53	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:53	7440-22-4	
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 13:17	7440-38-2	
Barium	0.013 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 13:17	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 13:17	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 13:17	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 13:17	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 13:17	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 13:17	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:52	7439-97-6	
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:44	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.012	mg/kg	0.011	0.0053	1	12/01/25 12:25	12/01/25 16:06	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC9 Lab ID: 35998109009 Collected: 11/14/25 13:45 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Acenaphthene	0.044 U	mg/kg	0.099	0.044	1	11/17/25 23:19	11/20/25 03:10	83-32-9	P1
Acenaphthylene	0.015 U	mg/kg	0.094	0.015	1	11/17/25 23:19	11/20/25 03:10	208-96-8	P1
Aniline	0.091 U	mg/kg	0.47	0.091	1	11/17/25 23:19	11/20/25 03:10	62-53-3	P1
Anthracene	0.013 U	mg/kg	0.099	0.013	1	11/17/25 23:19	11/20/25 03:10	120-12-7	P1
Benzo(a)anthracene	0.012 U	mg/kg	0.094	0.012	1	11/17/25 23:19	11/20/25 03:10	56-55-3	P1
Benzo(a)pyrene	0.023 U	mg/kg	0.094	0.023	1	11/17/25 23:19	11/20/25 03:10	50-32-8	P1
Benzo(b)fluoranthene	0.025 U	mg/kg	0.094	0.025	1	11/17/25 23:19	11/20/25 03:10	205-99-2	P1
Benzo(g,h,i)perylene	0.023 U	mg/kg	0.094	0.023	1	11/17/25 23:19	11/20/25 03:10	191-24-2	P1
Benzo(k)fluoranthene	0.025 U	mg/kg	0.094	0.025	1	11/17/25 23:19	11/20/25 03:10	207-08-9	P1
Benzyl alcohol	0.097 U	mg/kg	0.47	0.097	1	11/17/25 23:19	11/20/25 03:10	100-51-6	P1
4-Bromophenylphenyl ether	0.088 U	mg/kg	0.47	0.088	1	11/17/25 23:19	11/20/25 03:10	101-55-3	P1
Butylbenzylphthalate	0.094 U	mg/kg	0.47	0.094	1	11/17/25 23:19	11/20/25 03:10	85-68-7	P1
4-Chloro-3-methylphenol	0.28 U	mg/kg	1.8	0.28	1	11/17/25 23:19	11/20/25 03:10	59-50-7	P1
4-Chloroaniline	0.072 U	mg/kg	0.47	0.072	1	11/17/25 23:19	11/20/25 03:10	106-47-8	P1
bis(2-Chloroethoxy)methane	0.066 U	mg/kg	0.47	0.066	1	11/17/25 23:19	11/20/25 03:10	111-91-1	P1
bis(2-Chloroethyl) ether	0.030 U	mg/kg	0.47	0.030	1	11/17/25 23:19	11/20/25 03:10	111-44-4	P1
2-Chloronaphthalene	0.022 U	mg/kg	0.47	0.022	1	11/17/25 23:19	11/20/25 03:10	91-58-7	P1
2-Chlorophenol	0.074 U	mg/kg	0.47	0.074	1	11/17/25 23:19	11/20/25 03:10	95-57-8	P1
4-Chlorophenylphenyl ether	0.066 U	mg/kg	0.47	0.066	1	11/17/25 23:19	11/20/25 03:10	7005-72-3	P1
Chrysene	0.012 U	mg/kg	0.094	0.012	1	11/17/25 23:19	11/20/25 03:10	218-01-9	P1
Dibenz(a,h)anthracene	0.022 U	mg/kg	0.094	0.022	1	11/17/25 23:19	11/20/25 03:10	53-70-3	P1
Dibenzofuran	0.063 U	mg/kg	0.47	0.063	1	11/17/25 23:19	11/20/25 03:10	132-64-9	P1
1,2-Dichlorobenzene	0.066 U	mg/kg	0.47	0.066	1	11/17/25 23:19	11/20/25 03:10	95-50-1	P1
1,3-Dichlorobenzene	0.091 U	mg/kg	0.47	0.091	1	11/17/25 23:19	11/20/25 03:10	541-73-1	P1
1,4-Dichlorobenzene	0.066 U	mg/kg	0.47	0.066	1	11/17/25 23:19	11/20/25 03:10	106-46-7	P1
3,3'-Dichlorobenzidine	0.091 U	mg/kg	1.8	0.091	1	11/17/25 23:19	11/20/25 03:10	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.021 U	mg/kg	0.47	0.021	1	11/17/25 23:19	11/20/25 03:10	120-83-2	P1
Diethylphthalate	0.16 U	mg/kg	0.47	0.16	1	11/17/25 23:19	11/20/25 03:10	84-66-2	P1
2,4-Dimethylphenol	0.083 U	mg/kg	0.47	0.083	1	11/17/25 23:19	11/20/25 03:10	105-67-9	P1
Dimethylphthalate	0.074 U	mg/kg	0.47	0.074	1	11/17/25 23:19	11/20/25 03:10	131-11-3	P1
Di-n-butylphthalate	0.37 U	mg/kg	0.47	0.37	1	11/17/25 23:19	11/20/25 03:10	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.61 U	mg/kg	1.8	0.61	1	11/17/25 23:19	11/20/25 03:10	534-52-1	P1
2,4-Dinitrophenol	0.75 U	mg/kg	1.8	0.75	1	11/17/25 23:19	11/20/25 03:10	51-28-5	P1
2,4-Dinitrotoluene	0.14 U	mg/kg	0.47	0.14	1	11/17/25 23:19	11/20/25 03:10	121-14-2	P1
2,6-Dinitrotoluene	0.092 U	mg/kg	0.47	0.092	1	11/17/25 23:19	11/20/25 03:10	606-20-2	P1
Di-n-octylphthalate	0.11 U	mg/kg	0.47	0.11	1	11/17/25 23:19	11/20/25 03:10	117-84-0	P1
1,2-Diphenylhydrazine	0.10 U	mg/kg	0.47	0.10	1	11/17/25 23:19	11/20/25 03:10	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.097 U	mg/kg	0.47	0.097	1	11/17/25 23:19	11/20/25 03:10	117-81-7	P1
Fluoranthene	0.030 U	mg/kg	0.094	0.030	1	11/17/25 23:19	11/20/25 03:10	206-44-0	P1
Fluorene	0.033 U	mg/kg	0.10	0.033	1	11/17/25 23:19	11/20/25 03:10	86-73-7	P1
Hexachloro-1,3-butadiene	0.033 U	mg/kg	0.47	0.033	1	11/17/25 23:19	11/20/25 03:10	87-68-3	P1
Hexachlorobenzene	0.018 U	mg/kg	0.47	0.018	1	11/17/25 23:19	11/20/25 03:10	118-74-1	P1
Hexachlorocyclopentadiene	0.34 U	mg/kg	1.8	0.34	1	11/17/25 23:19	11/20/25 03:10	77-47-4	P1
Hexachloroethane	0.072 U	mg/kg	0.47	0.072	1	11/17/25 23:19	11/20/25 03:10	67-72-1	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC9 Lab ID: 35998109009 Collected: 11/14/25 13:45 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Indeno(1,2,3-cd)pyrene	0.021 U	mg/kg	0.094	0.021	1	11/17/25 23:19	11/20/25 03:10	193-39-5	P1
Isophorone	0.080 U	mg/kg	0.47	0.080	1	11/17/25 23:19	11/20/25 03:10	78-59-1	P1
1-Methylnaphthalene	0.015 U	mg/kg	0.11	0.015	1	11/17/25 23:19	11/20/25 03:10	90-12-0	P1
2-Methylnaphthalene	0.015 U	mg/kg	0.11	0.015	1	11/17/25 23:19	11/20/25 03:10	91-57-6	P1
2-Methylphenol(o-Cresol)	0.022 U	mg/kg	0.47	0.022	1	11/17/25 23:19	11/20/25 03:10	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.021 U	mg/kg	0.47	0.021	1	11/17/25 23:19	11/20/25 03:10		P1
Naphthalene	0.033 U	mg/kg	0.097	0.033	1	11/17/25 23:19	11/20/25 03:10	91-20-3	P1
2-Nitroaniline	0.12 U	mg/kg	0.47	0.12	1	11/17/25 23:19	11/20/25 03:10	88-74-4	P1
3-Nitroaniline	0.10 U	mg/kg	0.47	0.10	1	11/17/25 23:19	11/20/25 03:10	99-09-2	P1
4-Nitroaniline	0.023 U	mg/kg	0.47	0.023	1	11/17/25 23:19	11/20/25 03:10	100-01-6	P1
Nitrobenzene	0.031 U	mg/kg	0.47	0.031	1	11/17/25 23:19	11/20/25 03:10	98-95-3	P1
2-Nitrophenol	0.15 U	mg/kg	0.47	0.15	1	11/17/25 23:19	11/20/25 03:10	88-75-5	P1
4-Nitrophenol	0.20 U	mg/kg	0.60	0.20	1	11/17/25 23:19	11/20/25 03:10	100-02-7	P1
N-Nitrosodimethylamine	0.030 U	mg/kg	0.47	0.030	1	11/17/25 23:19	11/20/25 03:10	62-75-9	P1
N-Nitroso-di-n-propylamine	0.018 U	mg/kg	0.47	0.018	1	11/17/25 23:19	11/20/25 03:10	621-64-7	P1
N-Nitrosodiphenylamine	0.061 U	mg/kg	0.47	0.061	1	11/17/25 23:19	11/20/25 03:10	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.094 U	mg/kg	0.47	0.094	1	11/17/25 23:19	11/20/25 03:10	108-60-1	P1
Pentachlorophenol	0.24 U	mg/kg	1.8	0.24	1	11/17/25 23:19	11/20/25 03:10	87-86-5	P1
Phenanthrene	0.013 U	mg/kg	0.094	0.013	1	11/17/25 23:19	11/20/25 03:10	85-01-8	P1
Phenol	0.088 U	mg/kg	0.47	0.088	1	11/17/25 23:19	11/20/25 03:10	108-95-2	P1
Pyrene	0.027 U	mg/kg	0.094	0.027	1	11/17/25 23:19	11/20/25 03:10	129-00-0	P1
1,2,4-Trichlorobenzene	0.066 U	mg/kg	0.47	0.066	1	11/17/25 23:19	11/20/25 03:10	120-82-1	P1
2,4,5-Trichlorophenol	0.018 U	mg/kg	0.47	0.018	1	11/17/25 23:19	11/20/25 03:10	95-95-4	P1
2,4,6-Trichlorophenol	0.025 U	mg/kg	0.47	0.025	1	11/17/25 23:19	11/20/25 03:10	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	63	%	24-98		1	11/17/25 23:19	11/20/25 03:10	4165-60-0	
2-Fluorobiphenyl (S)	57	%	29-101		1	11/17/25 23:19	11/20/25 03:10	321-60-8	
p-Terphenyl-d14 (S)	66	%	29-112		1	11/17/25 23:19	11/20/25 03:10	1718-51-0	
Phenol-d6 (S)	56	%	10-104		1	11/17/25 23:19	11/20/25 03:10	13127-88-3	
2-Fluorophenol (S)	56	%	19-95		1	11/17/25 23:19	11/20/25 03:10	367-12-4	
2,4,6-Tribromophenol (S)	61	%	23-110		1	11/17/25 23:19	11/20/25 03:10	118-79-6	
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 19:41	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 19:41	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 19:41	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 19:41	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 19:41	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 19:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 19:41		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 19:41	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 19:41	87-86-5	J(v2)

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC9 Lab ID: 35998109009 Collected: 11/14/25 13:45 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 19:41	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 19:41	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 19:41	88-06-2	
Surrogates									
Phenol-d6 (S)	43	%	14-67		1	11/22/25 10:45	12/02/25 19:41	13127-88-3	
2-Fluorobiphenyl (S)	61	%	13-83		1	11/22/25 10:45	12/02/25 19:41	321-60-8	
Nitrobenzene-d5 (S)	67	%	11-95		1	11/22/25 10:45	12/02/25 19:41	4165-60-0	
p-Terphenyl-d14 (S)	68	%	36-129		1	11/22/25 10:45	12/02/25 19:41	1718-51-0	
2-Fluorophenol (S)	50	%	11-72		1	11/22/25 10:45	12/02/25 19:41	367-12-4	
2,4,6-Tribromophenol (S)	61	%	20-123		1	11/22/25 10:45	12/02/25 19:41	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/25/25 18:25									
Pace Analytical Services - Ormond Beach									
Benzene	0.00030 U	mg/L	0.0010	0.00030	1		12/03/25 02:57	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		12/03/25 02:57	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		12/03/25 02:57	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		12/03/25 02:57	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		12/03/25 02:57	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		12/03/25 02:57	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		12/03/25 02:57	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		12/03/25 02:57	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		12/03/25 02:57	127-18-4	
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		12/03/25 02:57	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		12/03/25 02:57	75-01-4	
Surrogates									
Toluene-d8 (S)	108	%	70-130		1		12/03/25 02:57	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		12/03/25 02:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/03/25 02:57	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.028 I	mg/kg	0.059	0.026	1	11/17/25 11:10	11/17/25 19:01	67-64-1	
Acetonitrile	0.017 U	mg/kg	0.059	0.017	1	11/17/25 11:10	11/17/25 19:01	75-05-8	
Benzene	0.0012 U	mg/kg	0.0059	0.0012	1	11/17/25 11:10	11/17/25 19:01	71-43-2	
Bromochloromethane	0.00087 U	mg/kg	0.0059	0.00087	1	11/17/25 11:10	11/17/25 19:01	74-97-5	
Bromodichloromethane	0.0013 U	mg/kg	0.0059	0.0013	1	11/17/25 11:10	11/17/25 19:01	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0059	0.0013	1	11/17/25 11:10	11/17/25 19:01	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0059	0.0021	1	11/17/25 11:10	11/17/25 19:01	74-83-9	
2-Butanone (MEK)	0.016 U	mg/kg	0.059	0.016	1	11/17/25 11:10	11/17/25 19:01	78-93-3	
Carbon disulfide	0.0036 I	mg/kg	0.0059	0.0029	1	11/17/25 11:10	11/17/25 19:01	75-15-0	
Carbon tetrachloride	0.0014 U	mg/kg	0.0059	0.0014	1	11/17/25 11:10	11/17/25 19:01	56-23-5	
Chlorobenzene	0.0011 U	mg/kg	0.0059	0.0011	1	11/17/25 11:10	11/17/25 19:01	108-90-7	
Chloroethane	0.0025 U	mg/kg	0.0059	0.0025	1	11/17/25 11:10	11/17/25 19:01	75-00-3	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC9 Lab ID: 35998109009 Collected: 11/14/25 13:45 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Chloroform	0.0021 U	mg/kg	0.0059	0.0021	1	11/17/25 11:10	11/17/25 19:01	67-66-3	
Chloromethane	0.0023 U	mg/kg	0.0059	0.0023	1	11/17/25 11:10	11/17/25 19:01	74-87-3	
1,2-Dibromo-3-chloropropane	0.0014 U	mg/kg	0.0059	0.0014	1	11/17/25 11:10	11/17/25 19:01	96-12-8	
Dibromochloromethane	0.0010 U	mg/kg	0.0059	0.0010	1	11/17/25 11:10	11/17/25 19:01	124-48-1	
1,2-Dibromoethane (EDB)	0.00087 U	mg/kg	0.0059	0.00087	1	11/17/25 11:10	11/17/25 19:01	106-93-4	
Dibromomethane	0.00083 U	mg/kg	0.0059	0.00083	1	11/17/25 11:10	11/17/25 19:01	74-95-3	
1,2-Dichlorobenzene	0.00089 U	mg/kg	0.0059	0.00089	1	11/17/25 11:10	11/17/25 19:01	95-50-1	
1,4-Dichlorobenzene	0.00079 U	mg/kg	0.0059	0.00079	1	11/17/25 11:10	11/17/25 19:01	106-46-7	
trans-1,4-Dichloro-2-butene	0.0014 U	mg/kg	0.0059	0.0014	1	11/17/25 11:10	11/17/25 19:01	110-57-6	
1,1-Dichloroethane	0.0011 U	mg/kg	0.0059	0.0011	1	11/17/25 11:10	11/17/25 19:01	75-34-3	
1,2-Dichloroethane	0.0026 U	mg/kg	0.0059	0.0026	1	11/17/25 11:10	11/17/25 19:01	107-06-2	
1,2-Dichloroethene (Total)	0.0036 U	mg/kg	0.0059	0.0036	1	11/17/25 11:10	11/17/25 19:01	540-59-0	
1,1-Dichloroethene	0.0029 U	mg/kg	0.0059	0.0029	1	11/17/25 11:10	11/17/25 19:01	75-35-4	
cis-1,2-Dichloroethene	0.0013 U	mg/kg	0.0059	0.0013	1	11/17/25 11:10	11/17/25 19:01	156-59-2	
trans-1,2-Dichloroethene	0.0015 U	mg/kg	0.0059	0.0015	1	11/17/25 11:10	11/17/25 19:01	156-60-5	
1,2-Dichloropropane	0.0011 U	mg/kg	0.0059	0.0011	1	11/17/25 11:10	11/17/25 19:01	78-87-5	
cis-1,3-Dichloropropene	0.0012 U	mg/kg	0.0059	0.0012	1	11/17/25 11:10	11/17/25 19:01	10061-01-5	
trans-1,3-Dichloropropene	0.0012 U	mg/kg	0.0059	0.0012	1	11/17/25 11:10	11/17/25 19:01	10061-02-6	
Ethylbenzene	0.0014 U	mg/kg	0.0059	0.0014	1	11/17/25 11:10	11/17/25 19:01	100-41-4	
2-Hexanone	0.0059 U	mg/kg	0.029	0.0059	1	11/17/25 11:10	11/17/25 19:01	591-78-6	
Iodomethane	0.0026 U	mg/kg	0.012	0.0026	1	11/17/25 11:10	11/17/25 19:01	74-88-4	
Isopropylbenzene (Cumene)	0.0015 U	mg/kg	0.0059	0.0015	1	11/17/25 11:10	11/17/25 19:01	98-82-8	
Methylene Chloride	0.0052 U	mg/kg	0.0059	0.0052	1	11/17/25 11:10	11/17/25 19:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0059 U	mg/kg	0.029	0.0059	1	11/17/25 11:10	11/17/25 19:01	108-10-1	
Methyl-tert-butyl ether	0.0018 U	mg/kg	0.0059	0.0018	1	11/17/25 11:10	11/17/25 19:01	1634-04-4	
Styrene	0.0029 U	mg/kg	0.0059	0.0029	1	11/17/25 11:10	11/17/25 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	0.0012 U	mg/kg	0.0059	0.0012	1	11/17/25 11:10	11/17/25 19:01	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.00072 U	mg/kg	0.0059	0.00072	1	11/17/25 11:10	11/17/25 19:01	79-34-5	
Tetrachloroethene	0.0014 U	mg/kg	0.0059	0.0014	1	11/17/25 11:10	11/17/25 19:01	127-18-4	
Toluene	0.0023 U	mg/kg	0.0059	0.0023	1	11/17/25 11:10	11/17/25 19:01	108-88-3	
1,1,1-Trichloroethane	0.0015 U	mg/kg	0.0059	0.0015	1	11/17/25 11:10	11/17/25 19:01	71-55-6	
1,1,2-Trichloroethane	0.00069 U	mg/kg	0.0059	0.00069	1	11/17/25 11:10	11/17/25 19:01	79-00-5	
Trichloroethene	0.0014 U	mg/kg	0.0059	0.0014	1	11/17/25 11:10	11/17/25 19:01	79-01-6	
Trichlorofluoromethane	0.0029 U	mg/kg	0.0059	0.0029	1	11/17/25 11:10	11/17/25 19:01	75-69-4	
1,2,3-Trichloropropane	0.0018 U	mg/kg	0.0059	0.0018	1	11/17/25 11:10	11/17/25 19:01	96-18-4	
Vinyl acetate	0.0019 U	mg/kg	0.0059	0.0019	1	11/17/25 11:10	11/17/25 19:01	108-05-4	
Vinyl chloride	0.0025 U	mg/kg	0.0059	0.0025	1	11/17/25 11:10	11/17/25 19:01	75-01-4	
Xylene (Total)	0.0060 U	mg/kg	0.018	0.0060	1	11/17/25 11:10	11/17/25 19:01	1330-20-7	
m&p-Xylene	0.0060 U	mg/kg	0.012	0.0060	1	11/17/25 11:10	11/17/25 19:01	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0059	0.0011	1	11/17/25 11:10	11/17/25 19:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	68-125		1	11/17/25 11:10	11/17/25 19:01	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	11/17/25 11:10	11/17/25 19:01	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	94	%	70-130		1	11/17/25 11:10	11/17/25 19:01	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC9 Lab ID: 35998109009 Collected: 11/14/25 13:45 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	30.0	%	0.10	0.10	1		12/01/25 11:39		

Sample: JC10 Lab ID: 35998109010 Collected: 11/14/25 14:00 Received: 11/14/25 16:30 Matrix: Solid*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	1.8	mg/kg	0.59	0.30	1	11/20/25 06:53	11/21/25 18:39	7440-38-2	
Barium	0.77	mg/kg	0.59	0.10	1	11/20/25 06:53	11/21/25 18:39	7440-39-3	
Cadmium	0.13	mg/kg	0.059	0.030	1	11/20/25 06:53	11/21/25 18:39	7440-43-9	
Chromium	5.4	mg/kg	0.30	0.15	1	11/20/25 06:53	11/21/25 18:39	7440-47-3	
Lead	0.89	mg/kg	0.59	0.30	1	11/20/25 06:53	11/21/25 18:39	7439-92-1	
Selenium	0.45 U	mg/kg	0.89	0.45	1	11/20/25 06:53	11/21/25 18:39	7782-49-2	
Silver	0.065 U	mg/kg	0.30	0.065	1	11/20/25 06:53	11/21/25 18:39	7440-22-4	
6010 MET ICP, Elutriate									
Analytical Method: EPA 6010 Preparation Method: EPA 3005									
Pace Analytical Services - Ormond Beach									
Arsenic	0.0049 I	mg/L	0.010	0.0034	1	11/24/25 10:32	12/02/25 18:57	7440-38-2	
Barium	0.020	mg/L	0.010	0.00084	1	11/24/25 10:32	12/02/25 18:57	7440-39-3	
Cadmium	0.00033 U	mg/L	0.0010	0.00033	1	11/24/25 10:32	12/02/25 18:57	7440-43-9	
Chromium	0.0028 I	mg/L	0.0050	0.0017	1	11/24/25 10:32	12/02/25 18:57	7440-47-3	
Lead	0.0021 U	mg/L	0.010	0.0021	1	11/24/25 10:32	12/02/25 18:57	7439-92-1	
Selenium	0.0039 U	mg/L	0.015	0.0039	1	11/24/25 10:32	12/02/25 18:57	7782-49-2	
Silver	0.0010 U	mg/L	0.0050	0.0010	1	11/24/25 10:32	12/02/25 18:57	7440-22-4	
6010 MET ICP, TCLP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Arsenic	0.034 U	mg/L	0.10	0.034	1	11/22/25 04:51	12/02/25 13:30	7440-38-2	
Barium	0.013 I	mg/L	0.10	0.0084	1	11/22/25 04:51	12/02/25 13:30	7440-39-3	
Cadmium	0.0033 U	mg/L	0.010	0.0033	1	11/22/25 04:51	12/02/25 13:30	7440-43-9	
Chromium	0.017 U	mg/L	0.050	0.017	1	11/22/25 04:51	12/02/25 13:30	7440-47-3	
Lead	0.021 U	mg/L	0.10	0.021	1	11/22/25 04:51	12/02/25 13:30	7439-92-1	
Selenium	0.039 U	mg/L	0.15	0.039	1	11/22/25 04:51	12/02/25 13:30	7782-49-2	
Silver	0.010 U	mg/L	0.050	0.010	1	11/22/25 04:51	12/02/25 13:30	7440-22-4	
7470 Mercury, Elutriate									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	11/26/25 09:35	12/01/25 17:54	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC10 Lab ID: 35998109010 Collected: 11/14/25 14:00 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, TCLP									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
Mercury	0.0014 U	mg/L	0.0020	0.0014	1	11/25/25 15:14	11/26/25 11:46	7439-97-6	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0074 I	mg/kg	0.011	0.0053	1	12/01/25 12:25	12/01/25 16:09	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.041 U	mg/kg	0.092	0.041	1	11/17/25 23:19	11/20/25 03:34	83-32-9	P1
Acenaphthylene	0.014 U	mg/kg	0.087	0.014	1	11/17/25 23:19	11/20/25 03:34	208-96-8	P1
Aniline	0.084 U	mg/kg	0.43	0.084	1	11/17/25 23:19	11/20/25 03:34	62-53-3	P1
Anthracene	0.012 U	mg/kg	0.092	0.012	1	11/17/25 23:19	11/20/25 03:34	120-12-7	P1
Benzo(a)anthracene	0.012 U	mg/kg	0.087	0.012	1	11/17/25 23:19	11/20/25 03:34	56-55-3	P1
Benzo(a)pyrene	0.021 U	mg/kg	0.087	0.021	1	11/17/25 23:19	11/20/25 03:34	50-32-8	P1
Benzo(b)fluoranthene	0.023 U	mg/kg	0.087	0.023	1	11/17/25 23:19	11/20/25 03:34	205-99-2	P1
Benzo(g,h,i)perylene	0.022 U	mg/kg	0.087	0.022	1	11/17/25 23:19	11/20/25 03:34	191-24-2	P1
Benzo(k)fluoranthene	0.023 U	mg/kg	0.087	0.023	1	11/17/25 23:19	11/20/25 03:34	207-08-9	P1
Benzyl alcohol	0.090 U	mg/kg	0.43	0.090	1	11/17/25 23:19	11/20/25 03:34	100-51-6	P1
4-Bromophenylphenyl ether	0.082 U	mg/kg	0.43	0.082	1	11/17/25 23:19	11/20/25 03:34	101-55-3	P1
Butylbenzylphthalate	0.087 U	mg/kg	0.43	0.087	1	11/17/25 23:19	11/20/25 03:34	85-68-7	P1
4-Chloro-3-methylphenol	0.26 U	mg/kg	1.7	0.26	1	11/17/25 23:19	11/20/25 03:34	59-50-7	P1
4-Chloroaniline	0.067 U	mg/kg	0.43	0.067	1	11/17/25 23:19	11/20/25 03:34	106-47-8	P1
bis(2-Chloroethoxy)methane	0.061 U	mg/kg	0.43	0.061	1	11/17/25 23:19	11/20/25 03:34	111-91-1	P1
bis(2-Chloroethyl) ether	0.028 U	mg/kg	0.43	0.028	1	11/17/25 23:19	11/20/25 03:34	111-44-4	P1
2-Chloronaphthalene	0.020 U	mg/kg	0.43	0.020	1	11/17/25 23:19	11/20/25 03:34	91-58-7	P1
2-Chlorophenol	0.069 U	mg/kg	0.43	0.069	1	11/17/25 23:19	11/20/25 03:34	95-57-8	P1
4-Chlorophenylphenyl ether	0.061 U	mg/kg	0.43	0.061	1	11/17/25 23:19	11/20/25 03:34	7005-72-3	P1
Chrysene	0.012 U	mg/kg	0.087	0.012	1	11/17/25 23:19	11/20/25 03:34	218-01-9	P1
Dibenz(a,h)anthracene	0.020 U	mg/kg	0.087	0.020	1	11/17/25 23:19	11/20/25 03:34	53-70-3	P1
Dibenzofuran	0.059 U	mg/kg	0.43	0.059	1	11/17/25 23:19	11/20/25 03:34	132-64-9	P1
1,2-Dichlorobenzene	0.061 U	mg/kg	0.43	0.061	1	11/17/25 23:19	11/20/25 03:34	95-50-1	P1
1,3-Dichlorobenzene	0.084 U	mg/kg	0.43	0.084	1	11/17/25 23:19	11/20/25 03:34	541-73-1	P1
1,4-Dichlorobenzene	0.061 U	mg/kg	0.43	0.061	1	11/17/25 23:19	11/20/25 03:34	106-46-7	P1
3,3'-Dichlorobenzidine	0.084 U	mg/kg	1.7	0.084	1	11/17/25 23:19	11/20/25 03:34	91-94-1	J(v2),P1
2,4-Dichlorophenol	0.019 U	mg/kg	0.43	0.019	1	11/17/25 23:19	11/20/25 03:34	120-83-2	P1
Diethylphthalate	0.15 U	mg/kg	0.43	0.15	1	11/17/25 23:19	11/20/25 03:34	84-66-2	P1
2,4-Dimethylphenol	0.077 U	mg/kg	0.43	0.077	1	11/17/25 23:19	11/20/25 03:34	105-67-9	P1
Dimethylphthalate	0.069 U	mg/kg	0.43	0.069	1	11/17/25 23:19	11/20/25 03:34	131-11-3	P1
Di-n-butylphthalate	0.34 U	mg/kg	0.43	0.34	1	11/17/25 23:19	11/20/25 03:34	84-74-2	P1
4,6-Dinitro-2-methylphenol	0.57 U	mg/kg	1.7	0.57	1	11/17/25 23:19	11/20/25 03:34	534-52-1	P1
2,4-Dinitrophenol	0.69 U	mg/kg	1.7	0.69	1	11/17/25 23:19	11/20/25 03:34	51-28-5	P1
2,4-Dinitrotoluene	0.13 U	mg/kg	0.43	0.13	1	11/17/25 23:19	11/20/25 03:34	121-14-2	P1
2,6-Dinitrotoluene	0.085 U	mg/kg	0.43	0.085	1	11/17/25 23:19	11/20/25 03:34	606-20-2	P1

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC10 Lab ID: 35998109010 Collected: 11/14/25 14:00 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Di-n-octylphthalate	0.10 U	mg/kg	0.43	0.10	1	11/17/25 23:19	11/20/25 03:34	117-84-0	P1
1,2-Diphenylhydrazine	0.095 U	mg/kg	0.43	0.095	1	11/17/25 23:19	11/20/25 03:34	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.090 U	mg/kg	0.43	0.090	1	11/17/25 23:19	11/20/25 03:34	117-81-7	P1
Fluoranthene	0.028 U	mg/kg	0.087	0.028	1	11/17/25 23:19	11/20/25 03:34	206-44-0	P1
Fluorene	0.031 U	mg/kg	0.095	0.031	1	11/17/25 23:19	11/20/25 03:34	86-73-7	P1
Hexachloro-1,3-butadiene	0.031 U	mg/kg	0.43	0.031	1	11/17/25 23:19	11/20/25 03:34	87-68-3	P1
Hexachlorobenzene	0.017 U	mg/kg	0.43	0.017	1	11/17/25 23:19	11/20/25 03:34	118-74-1	P1
Hexachlorocyclopentadiene	0.31 U	mg/kg	1.7	0.31	1	11/17/25 23:19	11/20/25 03:34	77-47-4	P1
Hexachloroethane	0.067 U	mg/kg	0.43	0.067	1	11/17/25 23:19	11/20/25 03:34	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.020 U	mg/kg	0.087	0.020	1	11/17/25 23:19	11/20/25 03:34	193-39-5	P1
Isophorone	0.074 U	mg/kg	0.43	0.074	1	11/17/25 23:19	11/20/25 03:34	78-59-1	P1
1-Methylnaphthalene	0.014 U	mg/kg	0.10	0.014	1	11/17/25 23:19	11/20/25 03:34	90-12-0	P1
2-Methylnaphthalene	0.014 U	mg/kg	0.10	0.014	1	11/17/25 23:19	11/20/25 03:34	91-57-6	P1
2-Methylphenol(o-Cresol)	0.021 U	mg/kg	0.43	0.021	1	11/17/25 23:19	11/20/25 03:34	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.020 U	mg/kg	0.43	0.020	1	11/17/25 23:19	11/20/25 03:34		P1
Naphthalene	0.031 U	mg/kg	0.090	0.031	1	11/17/25 23:19	11/20/25 03:34	91-20-3	P1
2-Nitroaniline	0.11 U	mg/kg	0.43	0.11	1	11/17/25 23:19	11/20/25 03:34	88-74-4	P1
3-Nitroaniline	0.095 U	mg/kg	0.43	0.095	1	11/17/25 23:19	11/20/25 03:34	99-09-2	P1
4-Nitroaniline	0.022 U	mg/kg	0.43	0.022	1	11/17/25 23:19	11/20/25 03:34	100-01-6	P1
Nitrobenzene	0.029 U	mg/kg	0.43	0.029	1	11/17/25 23:19	11/20/25 03:34	98-95-3	P1
2-Nitrophenol	0.14 U	mg/kg	0.43	0.14	1	11/17/25 23:19	11/20/25 03:34	88-75-5	P1
4-Nitrophenol	0.19 U	mg/kg	0.56	0.19	1	11/17/25 23:19	11/20/25 03:34	100-02-7	P1
N-Nitrosodimethylamine	0.028 U	mg/kg	0.43	0.028	1	11/17/25 23:19	11/20/25 03:34	62-75-9	P1
N-Nitroso-di-n-propylamine	0.017 U	mg/kg	0.43	0.017	1	11/17/25 23:19	11/20/25 03:34	621-64-7	P1
N-Nitrosodiphenylamine	0.056 U	mg/kg	0.43	0.056	1	11/17/25 23:19	11/20/25 03:34	86-30-6	P1
2,2'-Oxybis(1-chloropropane)	0.087 U	mg/kg	0.43	0.087	1	11/17/25 23:19	11/20/25 03:34	108-60-1	P1
Pentachlorophenol	0.22 U	mg/kg	1.7	0.22	1	11/17/25 23:19	11/20/25 03:34	87-86-5	P1
Phenanthrene	0.012 U	mg/kg	0.087	0.012	1	11/17/25 23:19	11/20/25 03:34	85-01-8	P1
Phenol	0.082 U	mg/kg	0.43	0.082	1	11/17/25 23:19	11/20/25 03:34	108-95-2	P1
Pyrene	0.025 U	mg/kg	0.087	0.025	1	11/17/25 23:19	11/20/25 03:34	129-00-0	P1
1,2,4-Trichlorobenzene	0.061 U	mg/kg	0.43	0.061	1	11/17/25 23:19	11/20/25 03:34	120-82-1	P1
2,4,5-Trichlorophenol	0.017 U	mg/kg	0.43	0.017	1	11/17/25 23:19	11/20/25 03:34	95-95-4	P1
2,4,6-Trichlorophenol	0.024 U	mg/kg	0.43	0.024	1	11/17/25 23:19	11/20/25 03:34	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	63	%	24-98		1	11/17/25 23:19	11/20/25 03:34	4165-60-0	
2-Fluorobiphenyl (S)	51	%	29-101		1	11/17/25 23:19	11/20/25 03:34	321-60-8	
p-Terphenyl-d14 (S)	51	%	29-112		1	11/17/25 23:19	11/20/25 03:34	1718-51-0	
Phenol-d6 (S)	60	%	10-104		1	11/17/25 23:19	11/20/25 03:34	13127-88-3	
2-Fluorophenol (S)	59	%	19-95		1	11/17/25 23:19	11/20/25 03:34	367-12-4	
2,4,6-Tribromophenol (S)	58	%	23-110		1	11/17/25 23:19	11/20/25 03:34	118-79-6	

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC10 Lab ID: 35998109010 Collected: 11/14/25 14:00 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Leachate Method/Date: EPA 1311; 11/20/25 15:59									
Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.0015 U	mg/L	0.0050	0.0015	1	11/22/25 10:45	12/02/25 16:15	106-46-7	
2,4-Dinitrotoluene	0.0012 U	mg/L	0.013	0.0012	1	11/22/25 10:45	12/02/25 16:15	121-14-2	
Hexachloro-1,3-butadiene	0.00035 U	mg/L	0.0050	0.00035	1	11/22/25 10:45	12/02/25 16:15	87-68-3	
Hexachlorobenzene	0.00029 U	mg/L	0.0050	0.00029	1	11/22/25 10:45	12/02/25 16:15	118-74-1	
Hexachloroethane	0.0014 U	mg/L	0.0050	0.0014	1	11/22/25 10:45	12/02/25 16:15	67-72-1	
2-Methylphenol(o-Cresol)	0.00030 U	mg/L	0.0050	0.00030	1	11/22/25 10:45	12/02/25 16:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.00022 U	mg/L	0.010	0.00022	1	11/22/25 10:45	12/02/25 16:15		
Nitrobenzene	0.00037 U	mg/L	0.0050	0.00037	1	11/22/25 10:45	12/02/25 16:15	98-95-3	
Pentachlorophenol	0.0034 U	mg/L	0.020	0.0034	1	11/22/25 10:45	12/02/25 16:15	87-86-5	J(v2)
Pyridine	0.0011 U	mg/L	0.020	0.0011	1	11/22/25 10:45	12/02/25 16:15	110-86-1	
2,4,5-Trichlorophenol	0.00023 U	mg/L	0.0050	0.00023	1	11/22/25 10:45	12/02/25 16:15	95-95-4	
2,4,6-Trichlorophenol	0.00036 U	mg/L	0.0050	0.00036	1	11/22/25 10:45	12/02/25 16:15	88-06-2	
Surrogates									
Phenol-d6 (S)	38	%	14-67		1	11/22/25 10:45	12/02/25 16:15	13127-88-3	
2-Fluorobiphenyl (S)	61	%	13-83		1	11/22/25 10:45	12/02/25 16:15	321-60-8	
Nitrobenzene-d5 (S)	63	%	11-95		1	11/22/25 10:45	12/02/25 16:15	4165-60-0	
p-Terphenyl-d14 (S)	64	%	36-129		1	11/22/25 10:45	12/02/25 16:15	1718-51-0	
2-Fluorophenol (S)	46	%	11-72		1	11/22/25 10:45	12/02/25 16:15	367-12-4	
2,4,6-Tribromophenol (S)	59	%	20-123		1	11/22/25 10:45	12/02/25 16:15	118-79-6	
8260 MSV TCLP									
Analytical Method: EPA 8260 TCLP Leachate Method/Date: EPA 1311; 11/25/25 18:25									
Pace Analytical Services - Ormond Beach									
Benzene	0.0080	mg/L	0.0010	0.00030	1		12/03/25 03:20	71-43-2	
2-Butanone (MEK)	0.0067 U	mg/L	0.050	0.0067	1		12/03/25 03:20	78-93-3	
Carbon tetrachloride	0.00044 U	mg/L	0.0030	0.00044	1		12/03/25 03:20	56-23-5	
Chlorobenzene	0.00035 U	mg/L	0.0010	0.00035	1		12/03/25 03:20	108-90-7	
Chloroform	0.00056 U	mg/L	0.0010	0.00056	1		12/03/25 03:20	67-66-3	
1,4-Dichlorobenzene	0.00028 U	mg/L	0.0010	0.00028	1		12/03/25 03:20	106-46-7	
1,2-Dichloroethane	0.00027 U	mg/L	0.0010	0.00027	1		12/03/25 03:20	107-06-2	
1,1-Dichloroethene	0.00059 U	mg/L	0.0010	0.00059	1		12/03/25 03:20	75-35-4	
Tetrachloroethene	0.00038 U	mg/L	0.0010	0.00038	1		12/03/25 03:20	127-18-4	
Trichloroethene	0.00036 U	mg/L	0.0010	0.00036	1		12/03/25 03:20	79-01-6	
Vinyl chloride	0.00039 U	mg/L	0.0010	0.00039	1		12/03/25 03:20	75-01-4	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		12/03/25 03:20	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		12/03/25 03:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		12/03/25 03:20	2199-69-1	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.023 U	mg/kg	0.053	0.023	1	11/17/25 11:10	11/17/25 19:24	67-64-1	
Acetonitrile	0.016 U	mg/kg	0.053	0.016	1	11/17/25 11:10	11/17/25 19:24	75-05-8	
Benzene	0.0011 U	mg/kg	0.0053	0.0011	1	11/17/25 11:10	11/17/25 19:24	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC10 Lab ID: 35998109010 Collected: 11/14/25 14:00 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Bromochloromethane	0.00079 U	mg/kg	0.0053	0.00079	1	11/17/25 11:10	11/17/25 19:24	74-97-5	
Bromodichloromethane	0.0012 U	mg/kg	0.0053	0.0012	1	11/17/25 11:10	11/17/25 19:24	75-27-4	
Bromoform	0.0012 U	mg/kg	0.0053	0.0012	1	11/17/25 11:10	11/17/25 19:24	75-25-2	
Bromomethane	0.0019 U	mg/kg	0.0053	0.0019	1	11/17/25 11:10	11/17/25 19:24	74-83-9	
2-Butanone (MEK)	0.014 U	mg/kg	0.053	0.014	1	11/17/25 11:10	11/17/25 19:24	78-93-3	
Carbon disulfide	0.0027 U	mg/kg	0.0053	0.0027	1	11/17/25 11:10	11/17/25 19:24	75-15-0	
Carbon tetrachloride	0.0013 U	mg/kg	0.0053	0.0013	1	11/17/25 11:10	11/17/25 19:24	56-23-5	
Chlorobenzene	0.00099 U	mg/kg	0.0053	0.00099	1	11/17/25 11:10	11/17/25 19:24	108-90-7	
Chloroethane	0.0022 U	mg/kg	0.0053	0.0022	1	11/17/25 11:10	11/17/25 19:24	75-00-3	
Chloroform	0.0020 U	mg/kg	0.0053	0.0020	1	11/17/25 11:10	11/17/25 19:24	67-66-3	
Chloromethane	0.0021 U	mg/kg	0.0053	0.0021	1	11/17/25 11:10	11/17/25 19:24	74-87-3	
1,2-Dibromo-3-chloropropane	0.0013 U	mg/kg	0.0053	0.0013	1	11/17/25 11:10	11/17/25 19:24	96-12-8	
Dibromochloromethane	0.00093 U	mg/kg	0.0053	0.00093	1	11/17/25 11:10	11/17/25 19:24	124-48-1	
1,2-Dibromoethane (EDB)	0.00079 U	mg/kg	0.0053	0.00079	1	11/17/25 11:10	11/17/25 19:24	106-93-4	
Dibromomethane	0.00076 U	mg/kg	0.0053	0.00076	1	11/17/25 11:10	11/17/25 19:24	74-95-3	
1,2-Dichlorobenzene	0.00081 U	mg/kg	0.0053	0.00081	1	11/17/25 11:10	11/17/25 19:24	95-50-1	
1,4-Dichlorobenzene	0.00072 U	mg/kg	0.0053	0.00072	1	11/17/25 11:10	11/17/25 19:24	106-46-7	
trans-1,4-Dichloro-2-butene	0.0013 U	mg/kg	0.0053	0.0013	1	11/17/25 11:10	11/17/25 19:24	110-57-6	
1,1-Dichloroethane	0.0010 U	mg/kg	0.0053	0.0010	1	11/17/25 11:10	11/17/25 19:24	75-34-3	
1,2-Dichloroethane	0.0024 U	mg/kg	0.0053	0.0024	1	11/17/25 11:10	11/17/25 19:24	107-06-2	
1,2-Dichloroethene (Total)	0.0033 U	mg/kg	0.0053	0.0033	1	11/17/25 11:10	11/17/25 19:24	540-59-0	
1,1-Dichloroethene	0.0027 U	mg/kg	0.0053	0.0027	1	11/17/25 11:10	11/17/25 19:24	75-35-4	
cis-1,2-Dichloroethene	0.0012 U	mg/kg	0.0053	0.0012	1	11/17/25 11:10	11/17/25 19:24	156-59-2	
trans-1,2-Dichloroethene	0.0014 U	mg/kg	0.0053	0.0014	1	11/17/25 11:10	11/17/25 19:24	156-60-5	
1,2-Dichloropropane	0.00098 U	mg/kg	0.0053	0.00098	1	11/17/25 11:10	11/17/25 19:24	78-87-5	
cis-1,3-Dichloropropene	0.0011 U	mg/kg	0.0053	0.0011	1	11/17/25 11:10	11/17/25 19:24	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0053	0.0011	1	11/17/25 11:10	11/17/25 19:24	10061-02-6	
Ethylbenzene	0.0013 U	mg/kg	0.0053	0.0013	1	11/17/25 11:10	11/17/25 19:24	100-41-4	
2-Hexanone	0.0053 U	mg/kg	0.027	0.0053	1	11/17/25 11:10	11/17/25 19:24	591-78-6	
Iodomethane	0.0024 U	mg/kg	0.011	0.0024	1	11/17/25 11:10	11/17/25 19:24	74-88-4	
Isopropylbenzene (Cumene)	0.0014 U	mg/kg	0.0053	0.0014	1	11/17/25 11:10	11/17/25 19:24	98-82-8	
Methylene Chloride	0.0047 U	mg/kg	0.0053	0.0047	1	11/17/25 11:10	11/17/25 19:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0053 U	mg/kg	0.027	0.0053	1	11/17/25 11:10	11/17/25 19:24	108-10-1	
Methyl-tert-butyl ether	0.0016 U	mg/kg	0.0053	0.0016	1	11/17/25 11:10	11/17/25 19:24	1634-04-4	
Styrene	0.0027 U	mg/kg	0.0053	0.0027	1	11/17/25 11:10	11/17/25 19:24	100-42-5	
1,1,1,2-Tetrachloroethane	0.0011 U	mg/kg	0.0053	0.0011	1	11/17/25 11:10	11/17/25 19:24	630-20-6	
1,1,2,2-Tetrachloroethane	0.00065 U	mg/kg	0.0053	0.00065	1	11/17/25 11:10	11/17/25 19:24	79-34-5	
Tetrachloroethene	0.0013 U	mg/kg	0.0053	0.0013	1	11/17/25 11:10	11/17/25 19:24	127-18-4	
Toluene	0.0021 U	mg/kg	0.0053	0.0021	1	11/17/25 11:10	11/17/25 19:24	108-88-3	
1,1,1-Trichloroethane	0.0014 U	mg/kg	0.0053	0.0014	1	11/17/25 11:10	11/17/25 19:24	71-55-6	
1,1,2-Trichloroethane	0.00063 U	mg/kg	0.0053	0.00063	1	11/17/25 11:10	11/17/25 19:24	79-00-5	
Trichloroethene	0.0013 U	mg/kg	0.0053	0.0013	1	11/17/25 11:10	11/17/25 19:24	79-01-6	
Trichlorofluoromethane	0.0027 U	mg/kg	0.0053	0.0027	1	11/17/25 11:10	11/17/25 19:24	75-69-4	
1,2,3-Trichloropropane	0.0016 U	mg/kg	0.0053	0.0016	1	11/17/25 11:10	11/17/25 19:24	96-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: County Landfill

Pace Project No.: 35998109

Sample: JC10 **Lab ID: 35998109010** Collected: 11/14/25 14:00 Received: 11/14/25 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Vinyl acetate	0.0017 U	mg/kg	0.0053	0.0017	1	11/17/25 11:10	11/17/25 19:24	108-05-4	
Vinyl chloride	0.0022 U	mg/kg	0.0053	0.0022	1	11/17/25 11:10	11/17/25 19:24	75-01-4	
Xylene (Total)	0.0055 U	mg/kg	0.016	0.0055	1	11/17/25 11:10	11/17/25 19:24	1330-20-7	
m&p-Xylene	0.0055 U	mg/kg	0.011	0.0055	1	11/17/25 11:10	11/17/25 19:24	179601-23-1	
o-Xylene	0.0010 U	mg/kg	0.0053	0.0010	1	11/17/25 11:10	11/17/25 19:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	68-125		1	11/17/25 11:10	11/17/25 19:24	460-00-4	
Toluene-d8 (S)	96	%	70-130		1	11/17/25 11:10	11/17/25 19:24	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	11/17/25 11:10	11/17/25 19:24	2199-69-1	

Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	25.9	%	0.10	0.10	1		12/01/25 11:39		

Sample: Water **Lab ID: 35998109011** Collected: 11/14/25 10:35 Received: 11/14/25 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Ormond Beach									
Arsenic	3.4 U	ug/L	10.0	3.4	1	11/18/25 09:39	11/20/25 16:15	7440-38-2	
Barium	17.9	ug/L	10.0	0.84	1	11/18/25 09:39	11/20/25 16:15	7440-39-3	
Cadmium	0.33 U	ug/L	1.0	0.33	1	11/18/25 09:39	11/20/25 16:15	7440-43-9	
Chromium	1.7 U	ug/L	5.0	1.7	1	11/18/25 09:39	11/20/25 16:15	7440-47-3	
Lead	2.1 U	ug/L	10.0	2.1	1	11/18/25 09:39	11/20/25 16:15	7439-92-1	
Selenium	3.9 U	ug/L	15.0	3.9	1	11/18/25 09:39	11/20/25 16:15	7782-49-2	J(CU)
Silver	1.0 U	ug/L	5.0	1.0	1	11/18/25 09:39	11/20/25 16:15	7440-22-4	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Pace Analytical Services - Ormond Beach									
Mercury	0.14 U	ug/L	0.20	0.14	1	12/01/25 15:19	12/02/25 10:46	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1147988 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Elutriate
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6292992 Matrix: Water
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.14 U	0.20	0.14	12/01/25 17:10	

LABORATORY CONTROL SAMPLE: 6292993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6292994 6292995

Parameter	Units	35998109002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.14 U	2	2	2.0	2.0	100	100	75-125	0	20	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1147305 Analysis Method: EPA 7470
 QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6285196 Matrix: Water
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00014 U	0.00020	0.00014	11/26/25 11:03	

LABORATORY CONTROL SAMPLE: 6289287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0020	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6289288 6289289

Parameter	Units	35998109001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.0014 U	0.02	0.02	0.021	0.020	104	100	75-125	3	20	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1148786	Analysis Method: EPA 7470
QC Batch Method: EPA 7470	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109011

METHOD BLANK: 6295899 Matrix: Water

Associated Lab Samples: 35998109011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.14 U	0.20	0.14	12/02/25 10:41	

LABORATORY CONTROL SAMPLE: 6295900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6295901 6295902

Parameter	Units	6295901		6295902		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35998109011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	ug/L	0.14 U	2	2	2.0	2.0	98	98	75-125	1	20

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1148662 Analysis Method: EPA 7471
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6295395 Matrix: Solid
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.0045 U	0.0091	0.0045	12/01/25 15:25	

LABORATORY CONTROL SAMPLE: 6295396

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.092	0.093	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6295397 6295398

Parameter	Units	35998109001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.050	0.34	0.35	0.35	0.37	87	89	80-120	4	20	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1146382	Analysis Method: EPA 6010
QC Batch Method: EPA 3050	Analysis Description: 6010 MET Solid
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109009, 35998109010

METHOD BLANK: 6284833 Matrix: Solid

Associated Lab Samples: 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.31 U	0.61	0.31	11/21/25 14:05	
Barium	mg/kg	0.10 U	0.61	0.10	11/21/25 14:05	
Cadmium	mg/kg	0.031 U	0.061	0.031	11/21/25 14:05	
Chromium	mg/kg	0.15 U	0.31	0.15	11/21/25 14:05	
Lead	mg/kg	0.31 U	0.61	0.31	11/21/25 14:05	
Selenium	mg/kg	0.46 U	0.92	0.46	11/21/25 07:26	
Silver	mg/kg	0.067 U	0.31	0.067	11/21/25 14:05	

LABORATORY CONTROL SAMPLE: 6284834

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	13.4	12.8	96	80-120	
Barium	mg/kg	13.4	13.8	103	80-120	
Cadmium	mg/kg	1.3	1.4	103	80-120	
Chromium	mg/kg	13.4	13.9	104	80-120	
Lead	mg/kg	13.4	13.6	101	80-120	
Selenium	mg/kg	13.4	10.9	82	80-120	
Silver	mg/kg	1.3	1.2	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6284835 6284836

Parameter	Units	6284835		6284836		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Arsenic	mg/kg	3.1	16.6	17.7	18.6	93	91	75-125	4	20	
Barium	mg/kg	1.0	16.6	17.7	18.2	103	103	75-125	6	20	
Cadmium	mg/kg	0.20	1.7	1.7	1.7	91	93	75-125	7	20	
Chromium	mg/kg	8.1	16.6	17.7	25.7	106	108	75-125	6	20	
Lead	mg/kg	0.87	16.6	17.7	17.4	99	104	75-125	10	20	
Selenium	mg/kg	0.79 I	16.6	17.7	14.2	81	82	75-125	7	20	
Silver	mg/kg	0.080 U	1.7	1.7	1.5	92	92	75-125	7	20	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1148635 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET Solid
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008

METHOD BLANK: 6295354 Matrix: Solid
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.24 U	0.48	0.24	12/02/25 12:27	
Barium	mg/kg	0.081 U	0.48	0.081	12/02/25 12:27	
Cadmium	mg/kg	0.024 U	0.048	0.024	12/02/25 12:27	
Chromium	mg/kg	0.12 U	0.24	0.12	12/02/25 12:27	
Lead	mg/kg	0.24 U	0.48	0.24	12/02/25 12:27	
Selenium	mg/kg	0.36 U	0.73	0.36	12/02/25 12:27	
Silver	mg/kg	0.053 U	0.24	0.053	12/02/25 12:27	

LABORATORY CONTROL SAMPLE: 6295355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	11.4	10.3	90	80-120	
Barium	mg/kg	11.4	12.0	105	80-120	
Cadmium	mg/kg	1.1	1.1	97	80-120	
Chromium	mg/kg	11.4	11.4	100	80-120	
Lead	mg/kg	11.4	11.1	97	80-120	
Selenium	mg/kg	11.4	10.1	89	80-120	
Silver	mg/kg	1.1	1.1	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6295356 6295357

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35998109001 Result	Spike Conc.	Spike Conc.	Conc.								
Arsenic	mg/kg	124	56.2	60.9	187	199	111	123	75-125	6	20		
Barium	mg/kg	5.4	56.2	60.9	61.7	65.3	100	99	75-125	6	20	J(CL)	
Cadmium	mg/kg	0.24	5.5	6	5.7	6.2	96	97	75-125	8	20		
Chromium	mg/kg	4.5	56.2	60.9	59.1	63.9	97	98	75-125	8	20		
Lead	mg/kg	3.4	56.2	60.9	55.3	60.3	92	94	75-125	9	20		
Selenium	mg/kg	3.0 I	56.2	60.9	53.7	58.0	90	91	75-125	8	20		
Silver	mg/kg	0.24 U	5.5	6	5.0	5.4	88	89	75-125	8	20	J(CL)	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1147365 Analysis Method: EPA 6010
 QC Batch Method: EPA 3005 Analysis Description: 6010 MET Elutriate
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6289421 Matrix: Water
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	0.0034 U	0.010	0.0034	12/02/25 17:48	
Barium	mg/L	0.00084 U	0.010	0.00084	12/02/25 17:48	
Cadmium	mg/L	0.00033 U	0.0010	0.00033	12/02/25 17:48	
Chromium	mg/L	0.0017 U	0.0050	0.0017	12/02/25 17:48	
Lead	mg/L	0.0021 U	0.010	0.0021	12/02/25 17:48	
Selenium	mg/L	0.0039 U	0.015	0.0039	12/02/25 17:48	
Silver	mg/L	0.0010 U	0.0050	0.0010	12/02/25 17:48	

LABORATORY CONTROL SAMPLE: 6289422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.25	0.22	88	80-120	
Barium	mg/L	0.25	0.23	92	80-120	
Cadmium	mg/L	0.025	0.023	94	80-120	
Chromium	mg/L	0.25	0.23	94	80-120	
Lead	mg/L	0.25	0.22	87	80-120	
Selenium	mg/L	0.25	0.22	87	80-120	
Silver	mg/L	0.025	0.023	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6289423 6289424

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35998109001 Result	Spike Conc.	Spike Conc.	Result						
Arsenic	mg/L	0.13	0.25	0.25	0.29	96	91	75-125	4	20	
Barium	mg/L	0.017 I	0.25	0.25	0.31	110	103	75-125	6	20	
Cadmium	mg/L	0.0033 U	0.025	0.025	0.022	88	85	75-125	3	20	
Chromium	mg/L	0.017 U	0.25	0.25	0.24	96	93	75-125	3	20	
Lead	mg/L	0.021 U	0.25	0.25	0.26	104	100	75-125	3	20	
Selenium	mg/L	0.039 U	0.25	0.25	0.24	95	90	75-125	5	20	
Silver	mg/L	0.010 U	0.025	0.025	0.033	131	124	75-125	5	20	J(M1)

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1147021 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6285196 Matrix: Water
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	0.0059 I	0.010	0.0034	12/02/25 12:13	
Barium	mg/L	0.0018 I	0.010	0.00084	12/02/25 12:13	
Cadmium	mg/L	0.00033 U	0.0010	0.00033	12/02/25 12:13	
Chromium	mg/L	0.0017 U	0.0050	0.0017	12/02/25 12:13	
Lead	mg/L	0.0021 U	0.010	0.0021	12/02/25 12:13	
Selenium	mg/L	0.014 I	0.015	0.0039	12/02/25 12:13	
Silver	mg/L	0.0010 U	0.0050	0.0010	12/02/25 12:13	

LABORATORY CONTROL SAMPLE: 6288384

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.25	0.25	99	80-120	
Barium	mg/L	0.25	0.27	107	80-120	
Cadmium	mg/L	0.025	0.023	94	80-120	
Chromium	mg/L	0.25	0.24	97	80-120	
Lead	mg/L	0.25	0.25	102	80-120	
Selenium	mg/L	0.25	0.26	104	80-120	
Silver	mg/L	0.025	0.028	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6288385 6288386

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result								
Arsenic	mg/L	0.13	2.5	2.5	2.5	2.5	2.5	95	94	75-125	1	20	
Barium	mg/L	0.017 I	2.5	2.5	2.6	2.5	2.5	102	100	75-125	2	20	
Cadmium	mg/L	0.0033 U	0.25	0.25	0.25	0.24	0.24	99	98	75-125	1	20	
Chromium	mg/L	0.017 U	2.5	2.5	2.5	2.4	2.4	99	98	75-125	1	20	
Lead	mg/L	0.021 U	2.5	2.5	2.4	2.4	2.4	97	97	75-125	1	20	
Selenium	mg/L	0.039 U	2.5	2.5	2.4	2.3	2.3	94	92	75-125	2	20	
Silver	mg/L	0.010 U	0.25	0.25	0.25	0.25	0.25	102	99	75-125	3	20	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch:	1145726	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109011

METHOD BLANK: 6279976 Matrix: Water

Associated Lab Samples: 35998109011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	ug/L	3.4 U	10.0	3.4	11/20/25 13:09	
Barium	ug/L	0.84 U	10.0	0.84	11/20/25 13:09	
Cadmium	ug/L	0.33 U	1.0	0.33	11/20/25 13:09	
Chromium	ug/L	1.7 U	5.0	1.7	11/20/25 13:09	
Lead	ug/L	2.1 U	10.0	2.1	11/20/25 13:09	
Selenium	ug/L	3.9 U	15.0	3.9	11/20/25 13:09	
Silver	ug/L	1.0 U	5.0	1.0	11/20/25 13:09	

LABORATORY CONTROL SAMPLE: 6279977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	259	104	80-120	
Barium	ug/L	250	257	103	80-120	
Cadmium	ug/L	25	26.0	104	80-120	
Chromium	ug/L	250	259	104	80-120	
Lead	ug/L	250	258	103	80-120	
Selenium	ug/L	250	277	111	80-120	
Silver	ug/L	25	26.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6279978 6279979

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92828791001 Result	Spike Conc.	Spike Conc.	Result						
Arsenic	ug/L	ND	250	250	257	253	103	101	75-125	2	20
Barium	ug/L	ND	250	250	258	256	103	102	75-125	1	20
Cadmium	ug/L	ND	25	25	26.0	25.7	104	103	75-125	1	20
Chromium	ug/L	ND	250	250	260	255	103	102	75-125	2	20
Lead	ug/L	ND	250	250	256	252	103	101	75-125	2	20
Selenium	ug/L	ND	250	250	268	263	107	105	75-125	2	20
Silver	ug/L	ND	25	25	26.3	25.5	102	99	75-125	3	20

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1146698

Analysis Method: EPA 8260 TCLP

QC Batch Method: EPA 8260 TCLP

Analysis Description: 8260 MSV TCLP

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109001

METHOD BLANK: 6269576

Matrix: Solid

Associated Lab Samples: 35998109001

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

METHOD BLANK: 6279160

Matrix: Solid

Associated Lab Samples: 35998109001

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6286458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	0.02	0.019	97	66-133	
1,2-Dichloroethane	mg/L	0.02	0.020	98	70-130	
1,4-Dichlorobenzene	mg/L	0.02	0.019	94	70-130	
2-Butanone (MEK)	mg/L	0.1	0.097	97	47-143	
Benzene	mg/L	0.02	0.019	97	70-130	
Carbon tetrachloride	mg/L	0.02	0.018	92	63-126	
Chlorobenzene	mg/L	0.02	0.019	93	70-130	
Chloroform	mg/L	0.02	0.021	103	70-130	
Tetrachloroethene	mg/L	0.02	0.018	89	64-134	
Trichloroethene	mg/L	0.02	0.019	97	70-130	
Vinyl chloride	mg/L	0.02	0.023	115	68-131	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6286471 6286472

Parameter	Units	6286471		6286472		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		35995896001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1-Dichloroethene	mg/L	0.00059 U	0.02	0.02	0.021	0.018	104	92	66-133	12	40	Q
1,2-Dichloroethane	mg/L	0.00027 U	0.02	0.02	0.019	0.018	94	89	70-130	5	40	Q
1,4-Dichlorobenzene	mg/L	0.00028 U	0.02	0.02	0.015	0.014	75	69	70-130	8	40	J(M1), Q
2-Butanone (MEK)	mg/L	0.022 I	0.1	0.1	0.12	0.13	100	104	47-143	3	40	L, Q
Benzene	mg/L	0.00030 U	0.02	0.02	0.020	0.019	100	93	70-130	8	40	Q
Carbon tetrachloride	mg/L	0.00044 U	0.02	0.02	0.020	0.019	102	94	63-126	8	40	Q
Chlorobenzene	mg/L	0.00035 U	0.02	0.02	0.017	0.016	87	80	70-130	9	40	Q
Chloroform	mg/L	0.00056 U	0.02	0.02	0.021	0.019	103	97	70-130	6	40	Q
Tetrachloroethene	mg/L	0.00038 U	0.02	0.02	0.016	0.014	79	72	64-134	9	40	Q
Trichloroethene	mg/L	0.00036 U	0.02	0.02	0.019	0.017	96	83	70-130	15	40	Q
Vinyl chloride	mg/L	0.00039 U	0.02	0.02	0.020	0.019	98	97	68-131	0	40	Q
1,2-Dichlorobenzene-d4 (S)	%						98	100	70-130			
4-Bromofluorobenzene (S)	%						101	102	70-130			
Toluene-d8 (S)	%						102	103	70-130			

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch:	1147896	Analysis Method:	EPA 8260 TCLP
QC Batch Method:	EPA 8260 TCLP	Analysis Description:	8260 MSV TCLP
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007

METHOD BLANK: 6289406 Matrix: Solid

Associated Lab Samples: 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	0.00059 U	0.0010	0.00059	11/26/25 00:17	
1,2-Dichloroethane	mg/L	0.00027 U	0.0010	0.00027	11/26/25 00:17	
1,4-Dichlorobenzene	mg/L	0.00028 U	0.0010	0.00028	11/26/25 00:17	
2-Butanone (MEK)	mg/L	0.0067 U	0.050	0.0067	11/26/25 00:17	
Benzene	mg/L	0.00030 U	0.0010	0.00030	11/26/25 00:17	
Carbon tetrachloride	mg/L	0.00044 U	0.0030	0.00044	11/26/25 00:17	
Chlorobenzene	mg/L	0.00035 U	0.0010	0.00035	11/26/25 00:17	
Chloroform	mg/L	0.00056 U	0.0010	0.00056	11/26/25 00:17	
Tetrachloroethene	mg/L	0.00038 U	0.0010	0.00038	11/26/25 00:17	J(v2)
Trichloroethene	mg/L	0.00036 U	0.0010	0.00036	11/26/25 00:17	
Vinyl chloride	mg/L	0.00039 U	0.0010	0.00039	11/26/25 00:17	J(v1)
1,2-Dichlorobenzene-d4 (S)	%	101	70-130		11/26/25 00:17	
4-Bromofluorobenzene (S)	%	95	70-130		11/26/25 00:17	
Toluene-d8 (S)	%	101	70-130		11/26/25 00:17	

LABORATORY CONTROL SAMPLE: 6292503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	0.02	0.019	97	66-133	
1,2-Dichloroethane	mg/L	0.02	0.020	102	70-130	
1,4-Dichlorobenzene	mg/L	0.02	0.024	120	70-130	
2-Butanone (MEK)	mg/L	0.1	0.087	87	47-143	
Benzene	mg/L	0.02	0.020	101	70-130	
Carbon tetrachloride	mg/L	0.02	0.022	108	63-126	
Chlorobenzene	mg/L	0.02	0.023	116	70-130	
Chloroform	mg/L	0.02	0.021	104	70-130	
Tetrachloroethene	mg/L	0.02	0.016	80	64-134	J(v3)
Trichloroethene	mg/L	0.02	0.021	107	70-130	
Vinyl chloride	mg/L	0.02	0.024	121	68-131	J(v1)
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

Parameter	Units	6292504		6292505		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35998488001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1-Dichloroethene	mg/L	0.00059 U	0.02	0.02	0.034	0.029	168	146	66-133	14	40	J(M1)	
1,2-Dichloroethane	mg/L	0.00027 U	0.02	0.02	0.034	0.030	172	152	70-130	12	40	J(M1)	
1,4-Dichlorobenzene	mg/L	0.00028 U	0.02	0.02	0.036	0.030	180	149	70-130	18	40	J(M1)	
2-Butanone (MEK)	mg/L	0.015 I	0.1	0.1	0.18	0.15	160	136	47-143	15	40	J(M1)	
Benzene	mg/L	0.00034 I	0.02	0.02	0.034	0.030	170	147	70-130	15	40	J(M1)	
Carbon tetrachloride	mg/L	0.00044 U	0.02	0.02	0.037	0.032	183	161	63-126	13	40	J(M1)	
Chlorobenzene	mg/L	0.00035 U	0.02	0.02	0.038	0.032	190	160	70-130	17	40	J(M1)	
Chloroform	mg/L	0.00056 U	0.02	0.02	0.035	0.031	177	153	70-130	15	40	J(M1)	
Tetrachloroethene	mg/L	0.00038 U	0.02	0.02	0.023	0.019	116	95	64-134	20	40	J(v3)	
Trichloroethene	mg/L	0.00036 U	0.02	0.02	0.035	0.029	173	147	70-130	16	40	J(M1)	
Vinyl chloride	mg/L	0.00039 U	0.02	0.02	0.037	0.038	184	190	68-131	3	40	J(M1), J(v1)	
1,2-Dichlorobenzene-d4 (S)	%						99	99	70-130				
4-Bromofluorobenzene (S)	%						97	99	70-130				
Toluene-d8 (S)	%						94	95	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1149169 Analysis Method: EPA 8260 TCLP
 QC Batch Method: EPA 8260 TCLP Analysis Description: 8260 MSV TCLP
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109008, 35998109009, 35998109010

METHOD BLANK: 6290889 Matrix: Solid
 Associated Lab Samples: 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	0.00059 U	0.0010	0.00059	12/03/25 00:56	
1,2-Dichloroethane	mg/L	0.00027 U	0.0010	0.00027	12/03/25 00:56	
1,4-Dichlorobenzene	mg/L	0.00028 U	0.0010	0.00028	12/03/25 00:56	
2-Butanone (MEK)	mg/L	0.0067 U	0.050	0.0067	12/03/25 00:56	
Benzene	mg/L	0.00030 U	0.0010	0.00030	12/03/25 00:56	
Carbon tetrachloride	mg/L	0.00044 U	0.0030	0.00044	12/03/25 00:56	
Chlorobenzene	mg/L	0.00035 U	0.0010	0.00035	12/03/25 00:56	
Chloroform	mg/L	0.00056 U	0.0010	0.00056	12/03/25 00:56	
Tetrachloroethene	mg/L	0.00038 U	0.0010	0.00038	12/03/25 00:56	
Trichloroethene	mg/L	0.00036 U	0.0010	0.00036	12/03/25 00:56	
Vinyl chloride	mg/L	0.00039 U	0.0010	0.00039	12/03/25 00:56	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130		12/03/25 00:56	
4-Bromofluorobenzene (S)	%	99	70-130		12/03/25 00:56	
Toluene-d8 (S)	%	105	70-130		12/03/25 00:56	

METHOD BLANK: 6295754 Matrix: Solid
 Associated Lab Samples: 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1-Dichloroethene	mg/L	0.00059 U	0.0010	0.00059	12/03/25 01:20	
1,2-Dichloroethane	mg/L	0.00027 U	0.0010	0.00027	12/03/25 01:20	
1,4-Dichlorobenzene	mg/L	0.00028 U	0.0010	0.00028	12/03/25 01:20	
2-Butanone (MEK)	mg/L	0.0067 U	0.050	0.0067	12/03/25 01:20	
Benzene	mg/L	0.00030 U	0.0010	0.00030	12/03/25 01:20	
Carbon tetrachloride	mg/L	0.00044 U	0.0030	0.00044	12/03/25 01:20	
Chlorobenzene	mg/L	0.00035 U	0.0010	0.00035	12/03/25 01:20	
Chloroform	mg/L	0.00056 U	0.0010	0.00056	12/03/25 01:20	
Tetrachloroethene	mg/L	0.00038 U	0.0010	0.00038	12/03/25 01:20	
Trichloroethene	mg/L	0.00036 U	0.0010	0.00036	12/03/25 01:20	
Vinyl chloride	mg/L	0.00039 U	0.0010	0.00039	12/03/25 01:20	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130		12/03/25 01:20	
4-Bromofluorobenzene (S)	%	97	70-130		12/03/25 01:20	
Toluene-d8 (S)	%	107	70-130		12/03/25 01:20	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6298005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/L	0.02	0.020	102	66-133	
1,2-Dichloroethane	mg/L	0.02	0.019	94	70-130	
1,4-Dichlorobenzene	mg/L	0.02	0.019	96	70-130	
2-Butanone (MEK)	mg/L	0.1	0.092	92	47-143	
Benzene	mg/L	0.02	0.020	100	70-130	
Carbon tetrachloride	mg/L	0.02	0.021	104	63-126	
Chlorobenzene	mg/L	0.02	0.020	100	70-130	
Chloroform	mg/L	0.02	0.019	97	70-130	
Tetrachloroethene	mg/L	0.02	0.018	92	64-134	
Trichloroethene	mg/L	0.02	0.021	103	70-130	
Vinyl chloride	mg/L	0.02	0.019	96	68-131	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6298006 6298007

Parameter	Units	6298006		6298007		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		35998109008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1-Dichloroethene	mg/L	0.00059 U	0.02	0.02	0.030	0.024	151	119	66-133	24	40	J(M1), Q
1,2-Dichloroethane	mg/L	0.00027 U	0.02	0.02	0.029	0.022	143	110	70-130	26	40	J(M1), Q
1,4-Dichlorobenzene	mg/L	0.00028 U	0.02	0.02	0.026	0.021	128	106	70-130	19	40	Q
2-Butanone (MEK)	mg/L	0.0067 U	0.1	0.1	0.14	0.11	144	106	47-143	30	40	J(M1), Q
Benzene	mg/L	0.00030 U	0.02	0.02	0.031	0.023	153	114	70-130	29	40	J(M1), Q
Carbon tetrachloride	mg/L	0.00044 U	0.02	0.02	0.030	0.024	151	122	63-126	21	40	J(M1), Q
Chlorobenzene	mg/L	0.00035 U	0.02	0.02	0.029	0.022	144	109	70-130	27	40	J(M1), Q
Chloroform	mg/L	0.00056 U	0.02	0.02	0.029	0.022	145	109	70-130	29	40	J(M1), Q
Tetrachloroethene	mg/L	0.00038 U	0.02	0.02	0.023	0.020	117	99	64-134	16	40	Q
Trichloroethene	mg/L	0.00036 U	0.02	0.02	0.030	0.024	149	119	70-130	22	40	J(M1), Q
Vinyl chloride	mg/L	0.00039 U	0.02	0.02	0.030	0.024	149	118	68-131	23	40	J(M1), Q
1,2-Dichlorobenzene-d4 (S)	%						100	100	70-130			
4-Bromofluorobenzene (S)	%						101	101	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1145308

Analysis Method: EPA 8260

QC Batch Method: EPA 5035

Analysis Description: 8260 MSV 5035

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109001, 35998109002, 35998109003

METHOD BLANK: 6278175

Matrix: Solid

Associated Lab Samples: 35998109001, 35998109002, 35998109003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0010 U	0.0050	0.0010	11/15/25 20:08	
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	11/15/25 20:08	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	11/15/25 20:08	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	11/15/25 20:08	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	11/15/25 20:08	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	11/15/25 20:08	
1,2,3-Trichloropropane	mg/kg	0.0015 U	0.0050	0.0015	11/15/25 20:08	
1,2-Dibromo-3-chloropropane	mg/kg	0.0012 U	0.0050	0.0012	11/15/25 20:08	
1,2-Dibromoethane (EDB)	mg/kg	0.00074 U	0.0050	0.00074	11/15/25 20:08	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	11/15/25 20:08	
1,2-Dichloroethane	mg/kg	0.0022 U	0.0050	0.0022	11/15/25 20:08	
1,2-Dichloroethene (Total)	mg/kg	0.0030 U	0.0050	0.0030	11/15/25 20:08	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	11/15/25 20:08	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	11/15/25 20:08	
2-Butanone (MEK)	mg/kg	0.014 U	0.050	0.014	11/15/25 20:08	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	11/15/25 20:08	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	11/15/25 20:08	
Acetone	mg/kg	0.022 U	0.050	0.022	11/15/25 20:08	
Acetonitrile	mg/kg	0.015 U	0.050	0.015	11/15/25 20:08	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	11/15/25 20:08	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	11/15/25 20:08	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	11/15/25 20:08	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	11/15/25 20:08	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	11/15/25 20:08	
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	11/15/25 20:08	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	11/15/25 20:08	
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	11/15/25 20:08	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	11/15/25 20:08	
Chloroform	mg/kg	0.0018 U	0.0050	0.0018	11/15/25 20:08	
Chloromethane	mg/kg	0.0020 U	0.0050	0.0020	11/15/25 20:08	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	11/15/25 20:08	
cis-1,3-Dichloropropene	mg/kg	0.0010 U	0.0050	0.0010	11/15/25 20:08	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	11/15/25 20:08	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	11/15/25 20:08	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	11/15/25 20:08	
Iodomethane	mg/kg	0.0022 U	0.010	0.0022	11/15/25 20:08	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	11/15/25 20:08	
m&p-Xylene	mg/kg	0.0051 U	0.010	0.0051	11/15/25 20:08	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	11/15/25 20:08	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	11/15/25 20:08	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

METHOD BLANK: 6278175 Matrix: Solid

Associated Lab Samples: 35998109001, 35998109002, 35998109003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
o-Xylene	mg/kg	0.00096 U	0.0050	0.00096	11/15/25 20:08	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	11/15/25 20:08	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	11/15/25 20:08	
Toluene	mg/kg	0.0020 U	0.0050	0.0020	11/15/25 20:08	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	11/15/25 20:08	
trans-1,3-Dichloropropene	mg/kg	0.00099 U	0.0050	0.00099	11/15/25 20:08	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	11/15/25 20:08	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	11/15/25 20:08	
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	11/15/25 20:08	
Vinyl acetate	mg/kg	0.0016 U	0.0050	0.0016	11/15/25 20:08	J(v2)
Vinyl chloride	mg/kg	0.0021 U	0.0050	0.0021	11/15/25 20:08	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	11/15/25 20:08	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		11/15/25 20:08	
4-Bromofluorobenzene (S)	%	102	68-125		11/15/25 20:08	
Toluene-d8 (S)	%	97	70-130		11/15/25 20:08	

LABORATORY CONTROL SAMPLE: 6278176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.019	97	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.019	93	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.022	108	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.021	103	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.019	97	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.021	107	62-131	
1,2,3-Trichloropropane	mg/kg	0.02	0.022	111	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.02	0.019	96	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.02	0.020	102	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.021	105	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	93	70-130	
1,2-Dichloroethene (Total)	mg/kg	0.04	0.041	103	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.020	99	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.022	110	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.096	96	64-121	
2-Hexanone	mg/kg	0.1	0.11	109	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.11	110	70-130	
Acetone	mg/kg	0.1	0.098	98	68-146	
Acetonitrile	mg/kg	0.1	0.093	93	68-131	
Benzene	mg/kg	0.02	0.020	99	70-130	
Bromochloromethane	mg/kg	0.02	0.020	102	70-130	
Bromodichloromethane	mg/kg	0.02	0.018	91	70-130	
Bromoform	mg/kg	0.02	0.020	99	54-129	
Bromomethane	mg/kg	0.02	0.019	97	58-144	
Carbon disulfide	mg/kg	0.02	0.022	109	57-133	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6278176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/kg	0.02	0.023	114	63-137	
Chlorobenzene	mg/kg	0.02	0.021	107	70-130	
Chloroethane	mg/kg	0.02	0.022	108	40-165	
Chloroform	mg/kg	0.02	0.018	92	70-130	
Chloromethane	mg/kg	0.02	0.021	106	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.021	107	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.019	97	70-130	
Dibromochloromethane	mg/kg	0.02	0.019	97	70-130	
Dibromomethane	mg/kg	0.02	0.019	93	70-130	
Ethylbenzene	mg/kg	0.02	0.021	107	70-130	
Iodomethane	mg/kg	0.02	0.020	102	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.022	111	70-130	
m&p-Xylene	mg/kg	0.04	0.043	108	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	91	65-124	
Methylene Chloride	mg/kg	0.02	0.019	93	51-142	
o-Xylene	mg/kg	0.02	0.022	108	70-130	
Styrene	mg/kg	0.02	0.021	104	70-130	
Tetrachloroethene	mg/kg	0.02	0.022	111	70-130	
Toluene	mg/kg	0.02	0.021	106	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.020	98	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.021	103	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.021	104	65-142 J(v3)	
Trichloroethene	mg/kg	0.02	0.020	101	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.019	94	60-148	
Vinyl acetate	mg/kg	0.02	0.015	77	70-130 J(v3)	
Vinyl chloride	mg/kg	0.02	0.022	108	69-124	
Xylene (Total)	mg/kg	0.06	0.065	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			98	68-125	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6278177 6278178

Parameter	Units	6278177		6278178		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		35997297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	mg/kg	1.4 U ug/kg	0.029	0.026	0.022	0.019	78	73	70-130	13	40	
1,1,1-Trichloroethane	mg/kg	1.9 U ug/kg	0.029	0.026	0.018	0.015	63	58	70-130	15	40	J(M1)
1,1,2,2-Tetrachloroethane	mg/kg	0.88 U ug/kg	0.029	0.026	0.027	0.025	98	97	70-130	8	40	
1,1,2-Trichloroethane	mg/kg	0.85 U ug/kg	0.029	0.026	0.024	0.023	87	87	70-130	7	40	
1,1-Dichloroethane	mg/kg	1.4 U ug/kg	0.029	0.026	0.020	0.017	71	65	70-130	16	40	J(M1)
1,1-Dichloroethene	mg/kg	3.6 U ug/kg	0.029	0.026	0.019	0.017	68	63	62-131	14	40	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

Parameter	Units	35997297003		6278177		6278178		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2,3-Trichloropropane	mg/kg	2.2 U ug/kg	0.029	0.026	0.024	0.023	87	88	72-137	6	40			
1,2-Dibromo-3-chloropropane	mg/kg	1.7 U ug/kg	0.029	0.026	0.025	0.024	89	92	65-132	4	40			
1,2-Dibromoethane (EDB)	mg/kg	1.1 U ug/kg	0.029	0.026	0.025	0.023	88	88	70-130	6	40			
1,2-Dichlorobenzene	mg/kg	1.1 U ug/kg	0.029	0.026	0.024	0.021	85	79	70-130	14	40			
1,2-Dichloroethane	mg/kg	3.2 U ug/kg	0.029	0.026	0.022	0.020	80	76	70-130	11	40			
1,2-Dichloroethene (Total)	mg/kg	4.4 U ug/kg	0.056	0.052	0.040	0.037	72	70	70-130	10	40			
1,2-Dichloropropane	mg/kg	1.3 U ug/kg	0.029	0.026	0.023	0.020	80	75	70-130	14	40			
1,4-Dichlorobenzene	mg/kg	0.97 U ug/kg	0.029	0.026	0.024	0.021	86	79	70-130	15	40			
2-Butanone (MEK)	mg/kg	19.6 U ug/kg	0.14	0.13	0.12	0.12	89	91	64-121	4	40			
2-Hexanone	mg/kg	7.2 U ug/kg	0.14	0.13	0.13	0.13	95	98	59-137	4	40			
4-Methyl-2-pentanone (MIBK)	mg/kg	7.2 U ug/kg	0.14	0.13	0.13	0.13	95	98	70-130	3	40			
Acetone	mg/kg	46.3 l ug/kg	0.14	0.13	0.17	0.16	89	88	68-146	6	40			
Acetonitrile	mg/kg	21.4 U ug/kg	0.14	0.13	0.12	0.10	82	78	68-131	11	40			
Benzene	mg/kg	1.4 U ug/kg	0.029	0.026	0.021	0.018	73	68	70-130	14	40	J(M1)		
Bromochloromethane	mg/kg	1.1 U ug/kg	0.029	0.026	0.023	0.021	83	81	70-130	9	40			
Bromodichloromethane	mg/kg	1.6 U ug/kg	0.029	0.026	0.021	0.018	75	68	70-130	16	40	J(M1)		
Bromoform	mg/kg	1.6 U ug/kg	0.029	0.026	0.024	0.023	85	86	54-129	5	40			
Bromomethane	mg/kg	2.6 U ug/kg	0.029	0.026	0.019	0.016	67	62	58-144	14	40			
Carbon disulfide	mg/kg	3.6 U ug/kg	0.029	0.026	0.020	0.015	70	57	57-133	26	40			
Carbon tetrachloride	mg/kg	1.7 U ug/kg	0.029	0.026	0.022	0.018	77	68	63-137	19	40			
Chlorobenzene	mg/kg	1.3 U ug/kg	0.029	0.026	0.023	0.020	81	77	70-130	11	40			
Chloroethane	mg/kg	3.0 U ug/kg	0.029	0.026	0.020	0.016	71	62	40-165	20	40			
Chloroform	mg/kg	2.6 U ug/kg	0.029	0.026	0.021	0.018	74	69	70-130	13	40	J(M1)		
Chloromethane	mg/kg	2.8 U ug/kg	0.029	0.026	0.020	0.018	71	68	64-127	11	40			
cis-1,2-Dichloroethene	mg/kg	1.6 U ug/kg	0.029	0.026	0.020	0.019	73	73	70-130	6	40			
cis-1,3-Dichloropropene	mg/kg	1.4 U ug/kg	0.029	0.026	0.021	0.019	76	73	70-130	11	40			
Dibromochloromethane	mg/kg	1.3 U ug/kg	0.029	0.026	0.023	0.020	81	75	70-130	15	40			

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

Parameter	Units	6278177		6278178		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		35997297003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Dibromomethane	mg/kg	1.0 U ug/kg	0.029	0.026	0.022	0.021	80	80	70-130	7	40	
Ethylbenzene	mg/kg	1.7 U ug/kg	0.029	0.026	0.022	0.019	79	72	70-130	16	40	
Iodomethane	mg/kg	3.2 U ug/kg	0.029	0.026	0.022	0.020	79	75	58-137	12	40	
Isopropylbenzene (Cumene)	mg/kg	1.9 U ug/kg	0.029	0.026	0.022	0.019	78	72	70-130	14	40	
m&p-Xylene	mg/kg	7.4 U ug/kg	0.056	0.052	0.045	0.039	79	74	70-130	14	40	
Methyl-tert-butyl ether	mg/kg	2.2 U ug/kg	0.029	0.026	0.023	0.020	82	77	65-124	12	40	
Methylene Chloride	mg/kg	6.4 U ug/kg	0.029	0.026	0.023	0.020	73	68	51-142	11	40	
o-Xylene	mg/kg	1.4 U ug/kg	0.029	0.026	0.022	0.020	80	75	70-130	13	40	
Styrene	mg/kg	3.6 U ug/kg	0.029	0.026	0.023	0.020	81	77	70-130	12	40	
Tetrachloroethene	mg/kg	1.7 U ug/kg	0.029	0.026	0.022	0.019	77	71	70-130	15	40	
Toluene	mg/kg	2.9 U ug/kg	0.029	0.026	0.022	0.020	79	74	70-130	13	40	
trans-1,2-Dichloroethene	mg/kg	1.9 U ug/kg	0.029	0.026	0.020	0.017	71	66	70-130	14	40	J(M1)
trans-1,3-Dichloropropene	mg/kg	1.4 U ug/kg	0.029	0.026	0.023	0.021	83	81	70-130	9	40	
trans-1,4-Dichloro-2-butene	mg/kg	1.7 U ug/kg	0.029	0.026	0.026	0.023	94	87	65-142	14	40	
Trichloroethene	mg/kg	1.7 U ug/kg	0.029	0.026	0.020	0.017	72	66	70-130	15	40	J(M1)
Trichlorofluoromethane	mg/kg	3.6 U ug/kg	0.029	0.026	0.017	0.014	60	55	60-148	15	40	J(M1)
Vinyl acetate	mg/kg	2.3 U ug/kg	0.029	0.026	0.015	0.013	54	49	70-130	17	40	J(M1), J(v3)
Vinyl chloride	mg/kg	3.0 U ug/kg	0.029	0.026	0.020	0.016	71	60	69-124	22	40	J(M1)
Xylene (Total)	mg/kg	7.4 U ug/kg	0.085	0.078	0.067	0.059	80	74	70-130	13	40	
1,2-Dichlorobenzene-d4 (S)	%						98	101	70-130		40	
4-Bromofluorobenzene (S)	%						99	100	68-125		40	
Toluene-d8 (S)	%						95	94	70-130		40	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1145495

Analysis Method: EPA 8260

QC Batch Method: EPA 5035

Analysis Description: 8260 MSV 5035

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109004, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6278591

Matrix: Solid

Associated Lab Samples: 35998109004, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

METHOD BLANK: 6278591

Matrix: Solid

Associated Lab Samples: 35998109004, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
o-Xylene	mg/kg	0.00093 U	0.0048	0.00093	11/17/25 09:29	
Styrene	mg/kg	0.0024 U	0.0048	0.0024	11/17/25 09:29	
Tetrachloroethene	mg/kg	0.0012 U	0.0048	0.0012	11/17/25 09:29	
Toluene	mg/kg	0.0019 U	0.0048	0.0019	11/17/25 09:29	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0048	0.0013	11/17/25 09:29	
trans-1,3-Dichloropropene	mg/kg	0.00096 U	0.0048	0.00096	11/17/25 09:29	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0048	0.0012	11/17/25 09:29	
Trichloroethene	mg/kg	0.0012 U	0.0048	0.0012	11/17/25 09:29	
Trichlorofluoromethane	mg/kg	0.0024 U	0.0048	0.0024	11/17/25 09:29	
Vinyl acetate	mg/kg	0.0016 U	0.0048	0.0016	11/17/25 09:29	
Vinyl chloride	mg/kg	0.0020 U	0.0048	0.0020	11/17/25 09:29	
Xylene (Total)	mg/kg	0.0050 U	0.015	0.0050	11/17/25 09:29	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130		11/17/25 09:29	
4-Bromofluorobenzene (S)	%	98	68-125		11/17/25 09:29	
Toluene-d8 (S)	%	97	70-130		11/17/25 09:29	

LABORATORY CONTROL SAMPLE: 6278592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.019	0.020	103	70-130	
1,1,1-Trichloroethane	mg/kg	0.019	0.018	96	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.019	0.023	119	70-130	
1,1,2-Trichloroethane	mg/kg	0.019	0.020	106	70-130	
1,1-Dichloroethane	mg/kg	0.019	0.020	104	70-130	
1,1-Dichloroethene	mg/kg	0.019	0.020	104	62-131	
1,2,3-Trichloropropane	mg/kg	0.019	0.023	117	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.019	0.021	108	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.019	0.021	107	70-130	
1,2-Dichlorobenzene	mg/kg	0.019	0.022	112	70-130	
1,2-Dichloroethane	mg/kg	0.019	0.019	97	70-130	
1,2-Dichloroethene (Total)	mg/kg	0.038	0.040	103	70-130	
1,2-Dichloropropane	mg/kg	0.019	0.020	106	70-130	
1,4-Dichlorobenzene	mg/kg	0.019	0.022	112	70-130	
2-Butanone (MEK)	mg/kg	0.096	0.093	97	64-121	
2-Hexanone	mg/kg	0.096	0.11	111	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.096	0.11	112	70-130	
Acetone	mg/kg	0.096	0.098	102	68-146	
Acetonitrile	mg/kg	0.096	0.086	89	68-131	
Benzene	mg/kg	0.019	0.020	105	70-130	
Bromochloromethane	mg/kg	0.019	0.020	105	70-130	
Bromodichloromethane	mg/kg	0.019	0.019	100	70-130	
Bromoform	mg/kg	0.019	0.022	112	54-129	
Bromomethane	mg/kg	0.019	0.018	94	58-144	
Carbon disulfide	mg/kg	0.019	0.021	108	57-133	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6278592

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/kg	0.019	0.023	120	63-137	
Chlorobenzene	mg/kg	0.019	0.021	111	70-130	
Chloroethane	mg/kg	0.019	0.021	108	40-165	
Chloroform	mg/kg	0.019	0.020	104	70-130	
Chloromethane	mg/kg	0.019	0.019	99	64-127	
cis-1,2-Dichloroethene	mg/kg	0.019	0.019	98	70-130	
cis-1,3-Dichloropropene	mg/kg	0.019	0.020	103	70-130	
Dibromochloromethane	mg/kg	0.019	0.020	105	70-130	
Dibromomethane	mg/kg	0.019	0.019	99	70-130	
Ethylbenzene	mg/kg	0.019	0.022	114	70-130	
Iodomethane	mg/kg	0.019	0.021	109	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.019	0.022	117	70-130	
m&p-Xylene	mg/kg	0.038	0.044	113	70-130	
Methyl-tert-butyl ether	mg/kg	0.019	0.018	95	65-124	
Methylene Chloride	mg/kg	0.019	0.019	96	51-142	
o-Xylene	mg/kg	0.019	0.022	112	70-130	
Styrene	mg/kg	0.019	0.021	111	70-130	
Tetrachloroethene	mg/kg	0.019	0.022	115	70-130	
Toluene	mg/kg	0.019	0.022	113	70-130	
trans-1,2-Dichloroethene	mg/kg	0.019	0.021	108	70-130	
trans-1,3-Dichloropropene	mg/kg	0.019	0.021	111	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.019	0.022	114	65-142	
Trichloroethene	mg/kg	0.019	0.020	105	70-130	
Trichlorofluoromethane	mg/kg	0.019	0.017	90	60-148	
Vinyl acetate	mg/kg	0.019	0.016	82	70-130	
Vinyl chloride	mg/kg	0.019	0.020	105	69-124	
Xylene (Total)	mg/kg	0.058	0.065	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	68-125	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE SAMPLE: 6278594

Parameter	Units	35998087009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0010 U	0.023	0.017	73	70-130	
1,1,1-Trichloroethane	mg/kg	0.0014 U	0.023	0.018	78	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00064 U	0.023	0.020	84	70-130	
1,1,2-Trichloroethane	mg/kg	0.00062 U	0.023	0.018	78	70-130	
1,1-Dichloroethane	mg/kg	0.0010 U	0.023	0.019	81	70-130	
1,1-Dichloroethene	mg/kg	0.0026 U	0.023	0.020	86	62-131	
1,2,3-Trichloropropane	mg/kg	0.0016 U	0.023	0.018	79	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.0013 U	0.023	0.015	65	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.00077 U	0.023	0.018	78	70-130	
1,2-Dichlorobenzene	mg/kg	0.00080 U	0.023	0.016	70	70-130	
1,2-Dichloroethane	mg/kg	0.0023 U	0.023	0.017	73	70-130	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

MATRIX SPIKE SAMPLE: 6278594		35998087009	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethene (Total)	mg/kg	0.0032 U	0.046	0.038	81	70-130	
1,2-Dichloropropane	mg/kg	0.00096 U	0.023	0.019	80	70-130	
1,4-Dichlorobenzene	mg/kg	0.00070 U	0.023	0.016	69	70-130	J(M1)
2-Butanone (MEK)	mg/kg	0.014 U	0.12	0.073	63	64-121	J(M1)
2-Hexanone	mg/kg	0.0052 U	0.12	0.084	72	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0052 U	0.12	0.087	74	70-130	
Acetone	mg/kg	0.023 U	0.12	0.077	66	68-146	J(M1)
Acetonitrile	mg/kg	0.015 U	0.12	0.078	67	68-131	J(M1)
Benzene	mg/kg	0.0010 U	0.023	0.019	81	70-130	
Bromochloromethane	mg/kg	0.00077 U	0.023	0.018	78	70-130	
Bromodichloromethane	mg/kg	0.0012 U	0.023	0.017	75	70-130	
Bromoform	mg/kg	0.0012 U	0.023	0.017	75	54-129	
Bromomethane	mg/kg	0.0019 U	0.023	0.017	73	58-144	
Carbon disulfide	mg/kg	0.0026 U	0.023	0.020	86	57-133	
Carbon tetrachloride	mg/kg	0.0013 U	0.023	0.023	98	63-137	
Chlorobenzene	mg/kg	0.00097 U	0.023	0.018	78	70-130	
Chloroethane	mg/kg	0.0022 U	0.023	0.019	80	40-165	
Chloroform	mg/kg	0.0019 U	0.023	0.019	82	70-130	
Chloromethane	mg/kg	0.0020 U	0.023	0.020	87	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0012 U	0.023	0.019	79	70-130	
cis-1,3-Dichloropropene	mg/kg	0.0010 U	0.023	0.016	70	70-130	
Dibromochloromethane	mg/kg	0.00091 U	0.023	0.017	74	70-130	
Dibromomethane	mg/kg	0.00074 U	0.023	0.017	73	70-130	
Ethylbenzene	mg/kg	0.0013 U	0.023	0.019	80	70-130	
Iodomethane	mg/kg	0.0023 U	0.023	0.020	86	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.0014 U	0.023	0.018	76	70-130	
m&p-Xylene	mg/kg	0.0054 U	0.046	0.036	75	70-130	
Methyl-tert-butyl ether	mg/kg	0.0016 U	0.023	0.016	69	65-124	
Methylene Chloride	mg/kg	0.0046 U	0.023	0.017	74	51-142	
o-Xylene	mg/kg	0.0010 U	0.023	0.018	77	70-130	
Styrene	mg/kg	0.0026 U	0.023	0.017	74	70-130	
Tetrachloroethene	mg/kg	0.0013 U	0.023	0.021	89	70-130	
Toluene	mg/kg	0.0021 U	0.023	0.020	87	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0014 U	0.023	0.019	83	70-130	
trans-1,3-Dichloropropene	mg/kg	0.0010 U	0.023	0.017	75	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.0013 U	0.023	0.016	70	65-142	
Trichloroethene	mg/kg	0.0013 U	0.023	0.019	80	70-130	
Trichlorofluoromethane	mg/kg	0.0026 U	0.023	0.019	83	60-148	
Vinyl acetate	mg/kg	0.0017 U	0.023	0.013	54	70-130	J(M1)
Vinyl chloride	mg/kg	0.0022 U	0.023	0.022	95	69-124	
Xylene (Total)	mg/kg	0.0054 U	0.07	0.055	78	70-130	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				98	68-125	
Toluene-d8 (S)	%				95	70-130	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

SAMPLE DUPLICATE: 6278593

Parameter	Units	35998087008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0023 U	0.0017 U		40	
1,1,1-Trichloroethane	mg/kg	0.0030 U	0.0022 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.0014 U	0.0010 U		40	J(IS)
1,1,2-Trichloroethane	mg/kg	0.0014 U	0.00098 U		40	
1,1-Dichloroethane	mg/kg	0.0023 U	0.0016 U		40	
1,1-Dichloroethene	mg/kg	0.0058 U	0.0042 U		40	
1,2,3-Trichloropropane	mg/kg	0.0035 U	0.0025 U		40	J(IS)
1,2-Dibromo-3-chloropropane	mg/kg	0.0028 U	0.0020 U		40	
1,2-Dibromoethane (EDB)	mg/kg	0.0017 U	0.0012 U		40	
1,2-Dichlorobenzene	mg/kg	0.0018 U	0.0013 U		40	J(IS)
1,2-Dichloroethane	mg/kg	0.0051 U	0.0037 U		40	
1,2-Dichloroethene (Total)	mg/kg	0.0070 U	0.0051 U		40	
1,2-Dichloropropane	mg/kg	0.0021 U	0.0015 U		40	
1,4-Dichlorobenzene	mg/kg	0.0015 U	0.0011 U		40	J(IS)
2-Butanone (MEK)	mg/kg	0.031 U	0.023 U		40	
2-Hexanone	mg/kg	0.012 U	0.0083 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.012 U	0.0083 U		40	
Acetone	mg/kg	0.14	0.17	17	40	
Acetonitrile	mg/kg	0.034 U	0.025 U		40	
Benzene	mg/kg	0.0023 U	0.0017 U		40	
Bromochloromethane	mg/kg	0.0017 U	0.0012 U		40	
Bromodichloromethane	mg/kg	0.0025 U	0.0018 U		40	
Bromoform	mg/kg	0.0025 U	0.0018 U		40	
Bromomethane	mg/kg	0.0041 U	0.0030 U		40	
Carbon disulfide	mg/kg	0.0058 U	0.0042 U		40	
Carbon tetrachloride	mg/kg	0.0028 U	0.0020 U		40	
Chlorobenzene	mg/kg	0.0021 U	0.0016 U		40	
Chloroethane	mg/kg	0.0048 U	0.0035 U		40	
Chloroform	mg/kg	0.0042 U	0.0031 U		40	
Chloromethane	mg/kg	0.0045 U	0.0033 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0025 U	0.0044 I		40	
cis-1,3-Dichloropropene	mg/kg	0.0023 U	0.0017 U		40	
Dibromochloromethane	mg/kg	0.0020 U	0.0015 U		40	
Dibromomethane	mg/kg	0.0016 U	0.0012 U		40	
Ethylbenzene	mg/kg	0.0028 U	0.0020 U		40	
Iodomethane	mg/kg	0.0052 U	0.0037 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0030 U	0.0022 U		40	
m&p-Xylene	mg/kg	0.012 U	0.0086 U		40	
Methyl-tert-butyl ether	mg/kg	0.0035 U	0.0025 U		40	
Methylene Chloride	mg/kg	0.010 U	0.0073 U		40	
o-Xylene	mg/kg	0.0022 U	0.0016 U		40	
Styrene	mg/kg	0.0058 U	0.0042 U		40	
Tetrachloroethene	mg/kg	2.7	0.91	56	40	L
Toluene	mg/kg	0.0046 U	0.0033 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0030 U	0.0022 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0023 U	0.0017 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0028 U	0.0020 U		40	J(IS)

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

SAMPLE DUPLICATE: 6278593

Parameter	Units	35998087008 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	mg/kg	0.043	0.060	33	40	
Trichlorofluoromethane	mg/kg	0.0058 U	0.0042 U		40	
Vinyl acetate	mg/kg	0.0037 U	0.0027 U		40	
Vinyl chloride	mg/kg	0.0048 U	0.0035 U		40	
Xylene (Total)	mg/kg	0.012 U	0.0086 U		40	
1,2-Dichlorobenzene-d4 (S)	%	95	89		40	
4-Bromofluorobenzene (S)	%	89	76		40	
Toluene-d8 (S)	%	93	87		40	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1146478

Analysis Method: EPA 8260

QC Batch Method: EPA 5035

Analysis Description: 8260 MSV 5035

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109005

METHOD BLANK: 6285116

Matrix: Solid

Associated Lab Samples: 35998109005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00099 U	0.0050	0.00099	11/20/25 09:40	
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	11/20/25 09:40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00060 U	0.0050	0.00060	11/20/25 09:40	J(v1)
1,1,2-Trichloroethane	mg/kg	0.00058 U	0.0050	0.00058	11/20/25 09:40	
1,1-Dichloroethane	mg/kg	0.00097 U	0.0050	0.00097	11/20/25 09:40	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	11/20/25 09:40	
1,2,3-Trichloropropane	mg/kg	0.0015 U	0.0050	0.0015	11/20/25 09:40	J(v1)
1,2-Dibromo-3-chloropropane	mg/kg	0.0012 U	0.0050	0.0012	11/20/25 09:40	
1,2-Dibromoethane (EDB)	mg/kg	0.00073 U	0.0050	0.00073	11/20/25 09:40	
1,2-Dichlorobenzene	mg/kg	0.00075 U	0.0050	0.00075	11/20/25 09:40	
1,2-Dichloroethane	mg/kg	0.0022 U	0.0050	0.0022	11/20/25 09:40	
1,2-Dichloroethene (Total)	mg/kg	0.0030 U	0.0050	0.0030	11/20/25 09:40	
1,2-Dichloropropane	mg/kg	0.00091 U	0.0050	0.00091	11/20/25 09:40	
1,4-Dichlorobenzene	mg/kg	0.00066 U	0.0050	0.00066	11/20/25 09:40	
2-Butanone (MEK)	mg/kg	0.013 U	0.050	0.013	11/20/25 09:40	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	11/20/25 09:40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	11/20/25 09:40	
Acetone	mg/kg	0.022 U	0.050	0.022	11/20/25 09:40	
Acetonitrile	mg/kg	0.015 U	0.050	0.015	11/20/25 09:40	
Benzene	mg/kg	0.00099 U	0.0050	0.00099	11/20/25 09:40	
Bromochloromethane	mg/kg	0.00073 U	0.0050	0.00073	11/20/25 09:40	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	11/20/25 09:40	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	11/20/25 09:40	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	11/20/25 09:40	
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	11/20/25 09:40	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	11/20/25 09:40	
Chlorobenzene	mg/kg	0.00092 U	0.0050	0.00092	11/20/25 09:40	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	11/20/25 09:40	J(v1)
Chloroform	mg/kg	0.0018 U	0.0050	0.0018	11/20/25 09:40	
Chloromethane	mg/kg	0.0019 U	0.0050	0.0019	11/20/25 09:40	J(v1)
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	11/20/25 09:40	
cis-1,3-Dichloropropene	mg/kg	0.00099 U	0.0050	0.00099	11/20/25 09:40	
Dibromochloromethane	mg/kg	0.00086 U	0.0050	0.00086	11/20/25 09:40	
Dibromomethane	mg/kg	0.00070 U	0.0050	0.00070	11/20/25 09:40	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	11/20/25 09:40	
Iodomethane	mg/kg	0.0022 U	0.0099	0.0022	11/20/25 09:40	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	11/20/25 09:40	
m&p-Xylene	mg/kg	0.0051 U	0.0099	0.0051	11/20/25 09:40	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	11/20/25 09:40	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	11/20/25 09:40	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

METHOD BLANK: 6285116

Matrix: Solid

Associated Lab Samples: 35998109005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
o-Xylene	mg/kg	0.00095 U	0.0050	0.00095	11/20/25 09:40	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	11/20/25 09:40	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	11/20/25 09:40	
Toluene	mg/kg	0.0020 U	0.0050	0.0020	11/20/25 09:40	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	11/20/25 09:40	
trans-1,3-Dichloropropene	mg/kg	0.00098 U	0.0050	0.00098	11/20/25 09:40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	11/20/25 09:40	J(v1)
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	11/20/25 09:40	
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	11/20/25 09:40	
Vinyl acetate	mg/kg	0.0016 U	0.0050	0.0016	11/20/25 09:40	
Vinyl chloride	mg/kg	0.0021 U	0.0050	0.0021	11/20/25 09:40	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	11/20/25 09:40	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130		11/20/25 09:40	
4-Bromofluorobenzene (S)	%	97	68-125		11/20/25 09:40	
Toluene-d8 (S)	%	97	70-130		11/20/25 09:40	

LABORATORY CONTROL SAMPLE: 6285117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.018	91	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.018	91	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.024	120	70-130	J(v1)
1,1,2-Trichloroethane	mg/kg	0.02	0.020	102	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.020	101	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.020	101	62-131	
1,2,3-Trichloropropane	mg/kg	0.02	0.024	124	72-137	J(v1)
1,2-Dibromo-3-chloropropane	mg/kg	0.02	0.021	106	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.02	0.020	100	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.022	112	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	94	70-130	
1,2-Dichloroethene (Total)	mg/kg	0.039	0.039	99	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.020	101	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.023	116	70-130	
2-Butanone (MEK)	mg/kg	0.099	0.099	100	64-121	
2-Hexanone	mg/kg	0.099	0.12	118	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.099	0.12	119	70-130	
Acetone	mg/kg	0.099	0.098	100	68-146	
Acetonitrile	mg/kg	0.099	0.089	90	68-131	
Benzene	mg/kg	0.02	0.020	99	70-130	
Bromochloromethane	mg/kg	0.02	0.019	95	70-130	
Bromodichloromethane	mg/kg	0.02	0.018	89	70-130	
Bromoform	mg/kg	0.02	0.018	90	54-129	
Bromomethane	mg/kg	0.02	0.022	111	58-144	
Carbon disulfide	mg/kg	0.02	0.020	103	57-133	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6285117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/kg	0.02	0.021	107	63-137	
Chlorobenzene	mg/kg	0.02	0.020	104	70-130	
Chloroethane	mg/kg	0.02	0.027	135	40-165	J(v1)
Chloroform	mg/kg	0.02	0.018	93	70-130	
Chloromethane	mg/kg	0.02	0.027	139	64-127	J(L1),J(v1)
cis-1,2-Dichloroethene	mg/kg	0.02	0.019	99	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.019	97	70-130	
Dibromochloromethane	mg/kg	0.02	0.017	87	70-130	
Dibromomethane	mg/kg	0.02	0.018	90	70-130	
Ethylbenzene	mg/kg	0.02	0.022	112	70-130	
Iodomethane	mg/kg	0.02	0.020	100	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.023	115	70-130	
m&p-Xylene	mg/kg	0.039	0.044	112	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.019	96	65-124	
Methylene Chloride	mg/kg	0.02	0.020	100	51-142	
o-Xylene	mg/kg	0.02	0.022	109	70-130	
Styrene	mg/kg	0.02	0.021	107	70-130	
Tetrachloroethene	mg/kg	0.02	0.020	102	70-130	
Toluene	mg/kg	0.02	0.018	92	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.020	100	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.020	104	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.024	123	65-142	J(v1)
Trichloroethene	mg/kg	0.02	0.019	97	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.021	105	60-148	
Vinyl acetate	mg/kg	0.02	0.016	81	70-130	
Vinyl chloride	mg/kg	0.02	0.028	141	69-124	J(L1)
Xylene (Total)	mg/kg	0.059	0.066	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			93	68-125	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE SAMPLE: 6285119

Parameter	Units	35998985003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0014	U 0.029	0.016	56	70-130	J(M1)
1,1,1-Trichloroethane	mg/kg	0.0019	U 0.029	0.022	76	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00087	U 0.029	0.026	87	70-130	J(IS),J(v1)
1,1,2-Trichloroethane	mg/kg	0.00085	U 0.029	0.022	74	70-130	
1,1-Dichloroethane	mg/kg	0.0014	U 0.029	0.030	101	70-130	
1,1-Dichloroethene	mg/kg	0.0036	U 0.029	0.034	116	62-131	
1,2,3-Trichloropropane	mg/kg	0.0021	U 0.029	0.026	89	72-137	J(IS),J(v1)
1,2-Dibromo-3-chloropropane	mg/kg	0.0017	U 0.029	0.021	72	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.0011	U 0.029	0.019	65	70-130	J(M1)
1,2-Dichlorobenzene	mg/kg	0.0011	U 0.029	0.013	46	70-130	J(IS),J(M1)
1,2-Dichloroethane	mg/kg	0.0032	U 0.029	0.023	79	70-130	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

MATRIX SPIKE SAMPLE:	6285119	35998985003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethene (Total)	mg/kg	0.0044 U	0.058	0.052	89	70-130	
1,2-Dichloropropane	mg/kg	0.0013 U	0.029	0.023	77	70-130	
1,4-Dichlorobenzene	mg/kg	0.00096 U	0.029	0.014	47	70-130	J(IS),J(M1)
2-Butanone (MEK)	mg/kg	0.019 U	0.15	0.075	52	64-121	J(M1)
2-Hexanone	mg/kg	0.0072 U	0.15	0.077	53	59-137	J(IS),J(M1)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0072 U	0.15	0.11	76	70-130	
Acetone	mg/kg	0.031 U	0.15	0.11	75	68-146	
Acetonitrile	mg/kg	0.021 U	0.15	0.081	55	68-131	J(M1)
Benzene	mg/kg	0.0014 U	0.029	0.021	71	70-130	
Bromochloromethane	mg/kg	0.0011 U	0.029	0.021	72	70-130	
Bromodichloromethane	mg/kg	0.0016 U	0.029	0.018	63	70-130	J(M1)
Bromoform	mg/kg	0.0016 U	0.029	0.012	42	54-129	J(M1)
Bromomethane	mg/kg	0.0026 U	0.029	0.021	73	58-144	
Carbon disulfide	mg/kg	0.0036 U	0.029	0.031	107	57-133	
Carbon tetrachloride	mg/kg	0.0017 U	0.029	0.025	87	63-137	
Chlorobenzene	mg/kg	0.0013 U	0.029	0.016	55	70-130	J(M1)
Chloroethane	mg/kg	0.0030 U	0.029	0.041	141	40-165	J(v1)
Chloroform	mg/kg	0.0026 U	0.029	0.021	73	70-130	
Chloromethane	mg/kg	0.0028 U	0.029	0.030	103	64-127	J(v1)
cis-1,2-Dichloroethene	mg/kg	0.0016 U	0.029	0.021	71	70-130	
cis-1,3-Dichloropropene	mg/kg	0.0014 U	0.029	0.014	47	70-130	J(M1)
Dibromochloromethane	mg/kg	0.0012 U	0.029	0.017	57	70-130	J(M1)
Dibromomethane	mg/kg	0.0010 U	0.029	0.018	63	70-130	J(M1)
Ethylbenzene	mg/kg	0.0017 U	0.029	0.017	57	70-130	J(M1)
Iodomethane	mg/kg	0.0032 U	0.029	0.017	58	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.0019 U	0.029	0.015	50	70-130	J(M1)
m&p-Xylene	mg/kg	0.0074 U	0.058	0.032	54	70-130	J(M1)
Methyl-tert-butyl ether	mg/kg	0.0021 U	0.029	0.028	96	65-124	
Methylene Chloride	mg/kg	0.0063 U	0.029	0.029	100	51-142	
o-Xylene	mg/kg	0.0014 U	0.029	0.016	53	70-130	J(M1)
Styrene	mg/kg	0.0036 U	0.029	0.013	45	70-130	J(M1)
Tetrachloroethene	mg/kg	0.0017 U	0.029	0.018	60	70-130	J(M1)
Toluene	mg/kg	0.0029 U	0.029	0.021	71	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0019 U	0.029	0.031	106	70-130	
trans-1,3-Dichloropropene	mg/kg	0.0014 U	0.029	0.015	52	70-130	J(M1)
trans-1,4-Dichloro-2-butene	mg/kg	0.0017 U	0.029	0.0083	28	65-142	J(M1),J(v1)
Trichloroethene	mg/kg	0.0017 U	0.029	0.019	65	70-130	J(M1)
Trichlorofluoromethane	mg/kg	0.0036 U	0.029	0.038	129	60-148	
Vinyl acetate	mg/kg	0.0023 U	0.029	0.0023 U	0	70-130	J(M1)
Vinyl chloride	mg/kg	0.0030 U	0.029	0.038	129	69-124	J(M0),J(v1)
Xylene (Total)	mg/kg	0.0074 U	0.088	0.047	54	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				97	70-130	
4-Bromofluorobenzene (S)	%				77	68-125	
Toluene-d8 (S)	%				97	70-130	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

SAMPLE DUPLICATE: 6285118

Parameter	Units	35998985002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0012 U	0.0012 U		40	J(IS)
1,1,1-Trichloroethane	mg/kg	0.0016 U	0.0015 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00073 U	0.00072 U		40	J(IS),J(v1)
1,1,2-Trichloroethane	mg/kg	0.00071 U	0.00070 U		40	
1,1-Dichloroethane	mg/kg	0.0012 U	0.0012 U		40	
1,1-Dichloroethene	mg/kg	0.0030 U	0.0030 U		40	
1,2,3-Trichloropropane	mg/kg	0.0018 U	0.0018 U		40	J(IS),J(v1)
1,2-Dibromo-3-chloropropane	mg/kg	0.0014 U	0.0014 U		40	
1,2-Dibromoethane (EDB)	mg/kg	0.00089 U	0.00088 U		40	J(IS)
1,2-Dichlorobenzene	mg/kg	0.00091 U	0.00090 U		40	J(IS)
1,2-Dichloroethane	mg/kg	0.0026 U	0.0026 U		40	
1,2-Dichloroethene (Total)	mg/kg	0.0037 U	0.0036 U		40	
1,2-Dichloropropane	mg/kg	0.0011 U	0.0011 U		40	
1,4-Dichlorobenzene	mg/kg	0.00081 U	0.00079 U		40	J(IS)
2-Butanone (MEK)	mg/kg	0.016 U	0.016 U		40	
2-Hexanone	mg/kg	0.0060 U	0.0059 U		40	J(IS)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0060 U	0.0059 U		40	J(IS)
Acetone	mg/kg	0.026 U	0.026 U		40	
Acetonitrile	mg/kg	0.018 U	0.018 U		40	
Benzene	mg/kg	0.0012 U	0.0012 U		40	
Bromochloromethane	mg/kg	0.00089 U	0.00088 U		40	
Bromodichloromethane	mg/kg	0.0013 U	0.0013 U		40	
Bromoform	mg/kg	0.0013 U	0.0013 U		40	J(IS)
Bromomethane	mg/kg	0.0022 U	0.0021 U		40	
Carbon disulfide	mg/kg	0.0030 U	0.0030 U		40	
Carbon tetrachloride	mg/kg	0.0014 U	0.0014 U		40	
Chlorobenzene	mg/kg	0.0011 U	0.0011 U		40	J(IS)
Chloroethane	mg/kg	0.0025 U	0.0025 U		40	J(v1)
Chloroform	mg/kg	0.0022 U	0.0022 U		40	
Chloromethane	mg/kg	0.0023 U	0.0023 U		40	J(v1)
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.0013 U		40	
cis-1,3-Dichloropropene	mg/kg	0.0012 U	0.0012 U		40	
Dibromochloromethane	mg/kg	0.0010 U	0.0010 U		40	J(IS)
Dibromomethane	mg/kg	0.00085 U	0.00084 U		40	
Ethylbenzene	mg/kg	0.0014 U	0.0014 U		40	J(IS)
Iodomethane	mg/kg	0.0027 U	0.0027 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0016 U	0.0015 U		40	J(IS)
m&p-Xylene	mg/kg	0.0062 U	0.0061 U		40	J(IS)
Methyl-tert-butyl ether	mg/kg	0.0018 U	0.0018 U		40	
Methylene Chloride	mg/kg	0.0053 U	0.0052 U		40	
o-Xylene	mg/kg	0.0012 U	0.0011 U		40	J(IS)
Styrene	mg/kg	0.0030 U	0.0030 U		40	J(IS)
Tetrachloroethene	mg/kg	0.0014 U	0.0014 U		40	J(IS)
Toluene	mg/kg	0.0024 U	0.0024 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0016 U	0.0015 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0012 U	0.0012 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0014 U	0.0014 U		40	J(IS),J(v1)

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

SAMPLE DUPLICATE: 6285118

Parameter	Units	35998985002 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	mg/kg	0.0014 U	0.0014 U		40	
Trichlorofluoromethane	mg/kg	0.0030 U	0.0030 U		40	
Vinyl acetate	mg/kg	0.0019 U	0.0019 U		40	
Vinyl chloride	mg/kg	0.0025 U	0.0025 U		40	
Xylene (Total)	mg/kg	0.0062 U	0.0061 U		40	ES
1,2-Dichlorobenzene-d4 (S)	%	99	101		40	
4-Bromofluorobenzene (S)	%	78	69		40	
Toluene-d8 (S)	%	96	97		40	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1145601 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid Full List MSSV Microwave
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6279428 Matrix: Solid
Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

METHOD BLANK: 6279428

Matrix: Solid

Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzyl alcohol	mg/kg	0.035 U	0.17	0.035	11/19/25 21:32	
bis(2-Chloroethoxy)methane	mg/kg	0.024 U	0.17	0.024	11/19/25 21:32	
bis(2-Chloroethyl) ether	mg/kg	0.011 U	0.17	0.011	11/19/25 21:32	
bis(2-Ethylhexyl)phthalate	mg/kg	0.035 U	0.17	0.035	11/19/25 21:32	
Butylbenzylphthalate	mg/kg	0.034 U	0.17	0.034	11/19/25 21:32	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	11/19/25 21:32	
Di-n-butylphthalate	mg/kg	0.13 U	0.17	0.13	11/19/25 21:32	
Di-n-octylphthalate	mg/kg	0.041 U	0.17	0.041	11/19/25 21:32	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	11/19/25 21:32	
Dibenzofuran	mg/kg	0.023 U	0.17	0.023	11/19/25 21:32	
Diethylphthalate	mg/kg	0.057 U	0.17	0.057	11/19/25 21:32	
Dimethylphthalate	mg/kg	0.027 U	0.17	0.027	11/19/25 21:32	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	11/19/25 21:32	
Fluorene	mg/kg	0.012 U	0.037	0.012	11/19/25 21:32	
Hexachloro-1,3-butadiene	mg/kg	0.012 U	0.17	0.012	11/19/25 21:32	
Hexachlorobenzene	mg/kg	0.0066 U	0.17	0.0066	11/19/25 21:32	
Hexachlorocyclopentadiene	mg/kg	0.12 U	0.67	0.12	11/19/25 21:32	
Hexachloroethane	mg/kg	0.026 U	0.17	0.026	11/19/25 21:32	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	11/19/25 21:32	
Isophorone	mg/kg	0.029 U	0.17	0.029	11/19/25 21:32	
N-Nitroso-di-n-propylamine	mg/kg	0.0066 U	0.17	0.0066	11/19/25 21:32	
N-Nitrosodimethylamine	mg/kg	0.011 U	0.17	0.011	11/19/25 21:32	
N-Nitrosodiphenylamine	mg/kg	0.022 U	0.17	0.022	11/19/25 21:32	
Naphthalene	mg/kg	0.012 U	0.035	0.012	11/19/25 21:32	
Nitrobenzene	mg/kg	0.011 U	0.17	0.011	11/19/25 21:32	
Pentachlorophenol	mg/kg	0.087 U	0.67	0.087	11/19/25 21:32	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	11/19/25 21:32	
Phenol	mg/kg	0.032 U	0.17	0.032	11/19/25 21:32	
Pyrene	mg/kg	0.0099 U	0.034	0.0099	11/19/25 21:32	
2,4,6-Tribromophenol (S)	%	65	23-110		11/19/25 21:32	
2-Fluorobiphenyl (S)	%	63	29-101		11/19/25 21:32	
2-Fluorophenol (S)	%	63	19-95		11/19/25 21:32	
Nitrobenzene-d5 (S)	%	71	24-98		11/19/25 21:32	
p-Terphenyl-d14 (S)	%	77	29-112		11/19/25 21:32	
Phenol-d6 (S)	%	65	10-104		11/19/25 21:32	

LABORATORY CONTROL SAMPLE: 6279429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	1.7	0.97	58	47-93	
1,2-Dichlorobenzene	mg/kg	1.7	0.92	56	46-91	
1,2-Diphenylhydrazine	mg/kg	1.7	0.94	57	47-100	
1,3-Dichlorobenzene	mg/kg	1.7	0.92	56	46-91	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6279429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/kg	1.7	0.92	55	45-92	
1-Methylnaphthalene	mg/kg	1.7	0.97	58	38-115	
2,2'-Oxybis(1-chloropropane)	mg/kg	1.7	0.97	59	29-107	
2,4,5-Trichlorophenol	mg/kg	1.7	1.0	62	51-99	
2,4,6-Trichlorophenol	mg/kg	1.7	1.0	61	51-98	
2,4-Dichlorophenol	mg/kg	1.7	0.98	59	50-96	
2,4-Dimethylphenol	mg/kg	1.7	0.94	57	49-96	
2,4-Dinitrophenol	mg/kg	1.7	0.34 l	21	10-126	
2,4-Dinitrotoluene	mg/kg	1.7	1.1	68	54-108	
2,6-Dinitrotoluene	mg/kg	1.7	1.1	63	52-103	
2-Chloronaphthalene	mg/kg	1.7	0.95	58	46-96	
2-Chlorophenol	mg/kg	1.7	0.94	57	48-92	
2-Methylnaphthalene	mg/kg	1.7	0.97	58	37-115	
2-Methylphenol(o-Cresol)	mg/kg	1.7	0.94	57	49-93	
2-Nitroaniline	mg/kg	1.7	1.1	63	53-104	
2-Nitrophenol	mg/kg	1.7	0.97	59	51-100	
3&4-Methylphenol(m&p Cresol)	mg/kg	1.7	0.96	58	49-94	
3,3'-Dichlorobenzidine	mg/kg	1.7	1.1	66	53-106 J(v2)	
3-Nitroaniline	mg/kg	1.7	1.0	61	51-104	
4,6-Dinitro-2-methylphenol	mg/kg	1.7	0.63 l	38	32-123	
4-Bromophenylphenyl ether	mg/kg	1.7	1.0	61	49-100	
4-Chloro-3-methylphenol	mg/kg	1.7	1.0	60	51-99	
4-Chloroaniline	mg/kg	1.7	0.96	58	49-97	
4-Chlorophenylphenyl ether	mg/kg	1.7	1.0	62	49-97	
4-Nitroaniline	mg/kg	1.7	1.1	64	52-108	
4-Nitrophenol	mg/kg	1.7	1.0	63	50-115	
Acenaphthene	mg/kg	1.7	0.94	56	30-127	
Acenaphthylene	mg/kg	1.7	0.97	59	29-129	
Aniline	mg/kg	1.7	0.92	56	47-94	
Anthracene	mg/kg	1.7	1.0	61	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.1	66	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.1	65	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.1	68	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.0	60	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.1	65	39-133	
Benzyl alcohol	mg/kg	1.7	0.95	58	50-94	
bis(2-Chloroethoxy)methane	mg/kg	1.7	0.94	57	46-94	
bis(2-Chloroethyl) ether	mg/kg	1.7	0.92	56	41-95	
bis(2-Ethylhexyl)phthalate	mg/kg	1.7	1.2	70	51-107	
Butylbenzylphthalate	mg/kg	1.7	1.1	68	50-106	
Chrysene	mg/kg	1.7	1.1	65	39-125	
Di-n-butylphthalate	mg/kg	1.7	1.1	65	51-105	
Di-n-octylphthalate	mg/kg	1.7	1.1	68	50-108	
Dibenz(a,h)anthracene	mg/kg	1.7	1.0	62	37-127	
Dibenzofuran	mg/kg	1.7	0.99	60	49-96	
Diethylphthalate	mg/kg	1.7	1.1	64	50-102	
Dimethylphthalate	mg/kg	1.7	1.0	63	49-100	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6279429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	mg/kg	1.7	1.1	66	39-130	
Fluorene	mg/kg	1.7	1.0	61	35-125	
Hexachloro-1,3-butadiene	mg/kg	1.7	0.98	59	46-95	
Hexachlorobenzene	mg/kg	1.7	1.0	60	51-99	
Hexachlorocyclopentadiene	mg/kg	1.7	0.92	55	15-143	
Hexachloroethane	mg/kg	1.7	0.93	56	46-91	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.0	62	35-133	
Isophorone	mg/kg	1.7	0.97	59	48-95	
N-Nitroso-di-n-propylamine	mg/kg	1.7	0.95	57	48-95	
N-Nitrosodimethylamine	mg/kg	1.7	0.89	54	44-97	
N-Nitrosodiphenylamine	mg/kg	1.7	0.98	59	50-100	
Naphthalene	mg/kg	1.7	0.95	57	36-115	
Nitrobenzene	mg/kg	1.7	0.94	57	47-96	
Pentachlorophenol	mg/kg	1.7	0.82	49	39-115	
Phenanthrene	mg/kg	1.7	1.0	61	35-128	
Phenol	mg/kg	1.7	0.93	56	46-94	
Pyrene	mg/kg	1.7	1.1	64	37-132	
2,4,6-Tribromophenol (S)	%			71	23-110	
2-Fluorobiphenyl (S)	%			57	29-101	
2-Fluorophenol (S)	%			54	19-95	
Nitrobenzene-d5 (S)	%			57	24-98	
p-Terphenyl-d14 (S)	%			66	29-112	
Phenol-d6 (S)	%			56	10-104	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6279594 6279595

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35997819041 Result	Spike Conc.	Spike Conc.	Conc.								
1,2,4-Trichlorobenzene	mg/kg	0.13 U	1.9	1.9	0.41 I	0.30 I	22	16	47-93			40	J(M1)
1,2-Dichlorobenzene	mg/kg	0.13 U	1.9	1.9	0.39 I	0.28 I	21	15	46-91			40	J(M1)
1,2-Diphenylhydrazine	mg/kg	0.21 U	1.9	1.9	0.40 I	0.32 I	22	17	47-100			40	J(M1)
1,3-Dichlorobenzene	mg/kg	0.19 U	1.9	1.9	0.38 I	0.27 I	20	15	46-91			40	J(M1)
1,4-Dichlorobenzene	mg/kg	0.13 U	1.9	1.9	0.38 I	0.27 I	20	15	45-92			40	J(M1)
1-Methylnaphthalene	mg/kg	0.031 U	1.9	1.9	0.43	0.34	23	18	38-115	23		40	J(M1)
2,2'-Oxybis(1-chloropropane)	mg/kg	0.19 U	1.9	1.9	0.43 I	0.29 I	23	16	29-107			40	J(M1)
2,4,5-Trichlorophenol	mg/kg	0.038 U	1.9	1.9	0.44 I	0.36 I	24	19	51-99			40	J(M1)
2,4,6-Trichlorophenol	mg/kg	0.052 U	1.9	1.9	0.41 I	0.34 I	22	18	51-98			40	J(M1)
2,4-Dichlorophenol	mg/kg	0.042 U	1.9	1.9	0.43 I	0.34 I	23	18	50-96			40	J(M1)
2,4-Dimethylphenol	mg/kg	0.17 U	1.9	1.9	0.38 I	0.29 I	20	15	49-96			40	J(M1)
2,4-Dinitrophenol	mg/kg	1.5 U	1.9	1.9	1.5 U	1.5 U	21	21	10-126			40	
2,4-Dinitrotoluene	mg/kg	0.29 U	1.9	1.9	0.48 I	0.37 I	26	20	54-108			40	J(M1)
2,6-Dinitrotoluene	mg/kg	0.19 U	1.9	1.9	0.44 I	0.34 I	24	18	52-103			40	J(M1)
2-Chloronaphthalene	mg/kg	0.045 U	1.9	1.9	0.37 I	0.30 I	20	16	46-96			40	J(M1)
2-Chlorophenol	mg/kg	0.15 U	1.9	1.9	0.38 I	0.27 I	20	15	48-92			40	J(M1)

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

Parameter	Units	6279594				6279595				% Rec Limits	RPD	Max RPD	Qual
		35997819041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
2-Methylnaphthalene	mg/kg	0.030 U	1.9	1.9	0.42	0.33	22	18	37-115	23	40	J(M1)	
2-Methylphenol(o-Cresol)	mg/kg	0.045 U	1.9	1.9	0.40 I	0.30 I	21	16	49-93		40	J(M1)	
2-Nitroaniline	mg/kg	0.24 U	1.9	1.9	0.43 I	0.33 I	23	18	53-104		40	J(M1)	
2-Nitrophenol	mg/kg	0.30 U	1.9	1.9	0.37 I	0.31 I	20	17	51-100		40	J(M1)	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.043 U	1.9	1.9	0.40 I	0.32 I	22	17	49-94		40	J(M1)	
3,3'-Dichlorobenzidine	mg/kg	0.19 U	1.9	1.9	0.44 I	0.30 I	24	16	53-106		40	J(M1), J(v2)	
3-Nitroaniline	mg/kg	0.21 U	1.9	1.9	0.42 I	0.33 I	23	18	51-104		40	J(M1)	
4,6-Dinitro-2-methylphenol	mg/kg	1.2 U	1.9	1.9	1.2 U	1.2 U	38	42	32-123		40		
4-Bromophenylphenyl ether	mg/kg	0.18 U	1.9	1.9	0.43 I	0.34 I	23	18	49-100		40	J(M1)	
4-Chloro-3-methylphenol	mg/kg	0.56 U	1.9	1.9	0.56 U	0.56 U	24	19	51-99		40	J(M1)	
4-Chloroaniline	mg/kg	0.15 U	1.9	1.9	0.35 I	0.28 I	19	15	49-97		40	J(M1)	
4-Chlorophenylphenyl ether	mg/kg	0.13 U	1.9	1.9	0.43 I	0.35 I	23	19	49-97		40	J(M1)	
4-Nitroaniline	mg/kg	0.048 U	1.9	1.9	0.38 I	0.32 I	21	17	52-108		40	J(M1)	
4-Nitrophenol	mg/kg	0.41 U	1.9	1.9	0.41 U	0.41 U	22	18	50-115		40	J(M1)	
Acenaphthene	mg/kg	0.090 U	1.9	1.9	0.39	0.32	21	17	30-127	20	40	J(M1)	
Acenaphthylene	mg/kg	0.030 U	1.9	1.9	0.41	0.34	22	18	29-129	20	40	J(M1)	
Aniline	mg/kg	0.19 U	1.9	1.9	0.29 I	0.22 I	15	12	47-94		40	J(M1)	
Anthracene	mg/kg	0.026 U	1.9	1.9	0.47	0.38	25	20	37-126	22	40	J(M1)	
Benzo(a)anthracene	mg/kg	0.025 U	1.9	1.9	0.54	0.47	29	25	37-130	15	40	J(M1)	
Benzo(a)pyrene	mg/kg	0.047 U	1.9	1.9	0.54	0.47	28	24	39-128	13	40	J(M1)	
Benzo(b)fluoranthene	mg/kg	0.051 U	1.9	1.9	0.56	0.47	28	23	38-128	18	40	J(M1)	
Benzo(g,h,i)perylene	mg/kg	0.048 U	1.9	1.9	0.50	0.45	26	23	34-136	12	40	J(M1)	
Benzo(k)fluoranthene	mg/kg	0.051 U	1.9	1.9	0.54	0.46	28	24	39-133	16	40	J(M1)	
Benzyl alcohol	mg/kg	0.20 U	1.9	1.9	0.37 I	0.28 I	20	15	50-94		40	J(M1)	
bis(2-Chloroethoxy)methane	mg/kg	0.13 U	1.9	1.9	0.39 I	0.28 I	21	15	46-94		40	J(M1)	
bis(2-Chloroethyl) ether	mg/kg	0.062 U	1.9	1.9	0.37 I	0.25 I	20	13	41-95		40	J(M1)	
bis(2-Ethylhexyl)phthalate	mg/kg	0.20 U	1.9	1.9	0.48 I	0.41 I	25	21	51-107		40	J(M1)	
Butylbenzylphthalate	mg/kg	0.19 U	1.9	1.9	0.52 I	0.41 I	28	22	50-106		40	J(M1)	
Chrysene	mg/kg	0.025 U	1.9	1.9	0.54	0.46	29	25	39-125	14	40	J(M1)	
Di-n-butylphthalate	mg/kg	0.75 U	1.9	1.9	0.74 U	0.74 U	26	19	51-105		40	J(M1)	
Di-n-octylphthalate	mg/kg	0.23 U	1.9	1.9	0.50 I	0.43 I	27	23	50-108		40	J(M1)	
Dibenz(a,h)anthracene	mg/kg	0.044 U	1.9	1.9	0.44	0.39	24	21	37-127	11	40	J(M1)	
Dibenzofuran	mg/kg	0.13 U	1.9	1.9	0.42 I	0.35 I	23	19	49-96		40	J(M1)	
Diethylphthalate	mg/kg	0.32 U	1.9	1.9	0.44 I	0.33 I	24	18	50-102		40	J(M1)	
Dimethylphthalate	mg/kg	0.15 U	1.9	1.9	0.43 I	0.32 I	23	17	49-100		40	J(M1)	
Fluoranthene	mg/kg	0.062 U	1.9	1.9	0.52	0.42	26	21	39-130	22	40	J(M1)	
Fluorene	mg/kg	0.067 U	1.9	1.9	0.42	0.34	22	18	35-125	20	40	J(M1)	
Hexachloro-1,3-butadiene	mg/kg	0.067 U	1.9	1.9	0.41 I	0.31 I	22	17	46-95		40	J(M1)	
Hexachlorobenzene	mg/kg	0.037 U	1.9	1.9	0.44 I	0.37 I	24	20	51-99		40	J(M1)	
Hexachlorocyclopentadiene	mg/kg	0.69 U	1.9	1.9	0.69 U	0.69 U	12	7	15-143		40	J(M1)	
Hexachloroethane	mg/kg	0.15 U	1.9	1.9	0.40 I	0.29 I	21	15	46-91		40	J(M1)	
Indeno(1,2,3-cd)pyrene	mg/kg	0.043 U	1.9	1.9	0.48	0.42	25	21	35-133	14	40	J(M1)	
Isophorone	mg/kg	0.16 U	1.9	1.9	0.42 I	0.30 I	23	16	48-95		40	J(M1)	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

Parameter	Units	6279594			6279595			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		35997819041	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
N-Nitroso-di-n-propylamine	mg/kg	0.037 U	1.9	1.9	0.40 I	0.27 I	21	15	48-95			40	J(M1)	
N-Nitrosodimethylamine	mg/kg	0.062 U	1.9	1.9	0.32 I	0.22 I	17	12	44-97			40	J(M1)	
N-Nitrosodiphenylamine	mg/kg	0.12 U	1.9	1.9	0.44 I	0.33 I	23	17	50-100			40	J(M1)	
Naphthalene	mg/kg	0.067 U	1.9	1.9	0.41	0.31	22	16	36-115	30		40	J(M1)	
Nitrobenzene	mg/kg	0.063 U	1.9	1.9	0.38 I	0.27 I	21	14	47-96			40	J(M1)	
Pentachlorophenol	mg/kg	0.49 U	1.9	1.9	0.75 I	0.77 I	40	42	39-115			40		
Phenanthrene	mg/kg	0.027 U	1.9	1.9	0.49	0.38	26	20	35-128	26		40	J(M1)	
Phenol	mg/kg	0.18 U	1.9	1.9	0.36 I	0.28 I	19	15	46-94			40	J(M1)	
Pyrene	mg/kg	0.056 U	1.9	1.9	0.59	0.48	30	24	37-132	21		40	J(M1)	
2,4,6-Tribromophenol (S)	%						29	21	23-110				J(S0)	
2-Fluorobiphenyl (S)	%						23	14	29-101				J(S0)	
2-Fluorophenol (S)	%						20	11	19-95				J(S0)	
Nitrobenzene-d5 (S)	%						23	13	24-98				J(S0)	
p-Terphenyl-d14 (S)	%						34	23	29-112				J(S0)	
Phenol-d6 (S)	%						22	13	10-104					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch: 1147063 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

METHOD BLANK: 6285198 Matrix: Water
 Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,4-Dichlorobenzene	mg/L	0.0015 U	0.0050	0.0015	12/02/25 14:43	
2,4,5-Trichlorophenol	mg/L	0.00023 U	0.0050	0.00023	12/02/25 14:43	
2,4,6-Trichlorophenol	mg/L	0.00036 U	0.0050	0.00036	12/02/25 14:43	
2,4-Dinitrotoluene	mg/L	0.0012 U	0.013	0.0012	12/02/25 14:43	
2-Methylphenol(o-Cresol)	mg/L	0.00030 U	0.0050	0.00030	12/02/25 14:43	
3&4-Methylphenol(m&p Cresol)	mg/L	0.00022 U	0.010	0.00022	12/02/25 14:43	
Hexachloro-1,3-butadiene	mg/L	0.00035 U	0.0050	0.00035	12/02/25 14:43	
Hexachlorobenzene	mg/L	0.00029 U	0.0050	0.00029	12/02/25 14:43	
Hexachloroethane	mg/L	0.0014 U	0.0050	0.0014	12/02/25 14:43	
Nitrobenzene	mg/L	0.00037 U	0.0050	0.00037	12/02/25 14:43	
Pentachlorophenol	mg/L	0.0034 U	0.020	0.0034	12/02/25 14:43	J(v2)
Pyridine	mg/L	0.0011 U	0.020	0.0011	12/02/25 14:43	
2,4,6-Tribromophenol (S)	%	54	20-123		12/02/25 14:43	
2-Fluorobiphenyl (S)	%	56	13-83		12/02/25 14:43	
2-Fluorophenol (S)	%	50	11-72		12/02/25 14:43	
Nitrobenzene-d5 (S)	%	58	11-95		12/02/25 14:43	
p-Terphenyl-d14 (S)	%	67	36-129		12/02/25 14:43	
Phenol-d6 (S)	%	41	14-67		12/02/25 14:43	

LABORATORY CONTROL SAMPLE: 6288618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	mg/L	0.05	0.026	53	26-91	
2,4,5-Trichlorophenol	mg/L	0.05	0.029	59	47-114	
2,4,6-Trichlorophenol	mg/L	0.05	0.031	61	45-114	
2,4-Dinitrotoluene	mg/L	0.05	0.036	73	46-119	
2-Methylphenol(o-Cresol)	mg/L	0.05	0.024	48	23-75	
3&4-Methylphenol(m&p Cresol)	mg/L	0.05	0.027	54	10-106	
Hexachloro-1,3-butadiene	mg/L	0.05	0.026	52	27-102	
Hexachlorobenzene	mg/L	0.05	0.030	60	47-113	
Hexachloroethane	mg/L	0.05	0.027	54	22-93	
Nitrobenzene	mg/L	0.05	0.032	63	33-103	
Pentachlorophenol	mg/L	0.05	0.026	52	33-117 J(CL)	
Pyridine	mg/L	0.05	0.021	42	10-46	
2,4,6-Tribromophenol (S)	%			62	20-123	
2-Fluorobiphenyl (S)	%			60	13-83	
2-Fluorophenol (S)	%			43	11-72	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

LABORATORY CONTROL SAMPLE: 6288618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene-d5 (S)	%			62	11-95	
p-Terphenyl-d14 (S)	%			62	36-129	
Phenol-d6 (S)	%			40	14-67	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6288619 6288620

Parameter	Units	35998109010		MS	MSD	6288620		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	U	Spike Conc.	Spike Conc.	MS Result	MSD Result						
1,4-Dichlorobenzene	mg/L	0.0015	U	0.05	0.05	0.025	0.026	49	52	26-91	6	40	
2,4,5-Trichlorophenol	mg/L	0.00023	U	0.05	0.05	0.026	0.028	51	55	47-114	7	40	
2,4,6-Trichlorophenol	mg/L	0.00036	U	0.05	0.05	0.026	0.029	52	58	45-114	11	40	
2,4-Dinitrotoluene	mg/L	0.0012	U	0.05	0.05	0.031	0.035	63	70	46-119	11	40	
2-Methylphenol(o-Cresol)	mg/L	0.00030	U	0.05	0.05	0.023	0.024	47	49	23-75	4	40	
3&4-Methylphenol(m&p Cresol)	mg/L	0.00022	U	0.05	0.05	0.025	0.027	49	53	10-106	8	40	
Hexachloro-1,3-butadiene	mg/L	0.00035	U	0.05	0.05	0.022	0.021	43	42	27-102	4	40	
Hexachlorobenzene	mg/L	0.00029	U	0.05	0.05	0.026	0.028	52	56	47-113	7	40	
Hexachloroethane	mg/L	0.0014	U	0.05	0.05	0.024	0.026	48	53	22-93	9	40	
Nitrobenzene	mg/L	0.00037	U	0.05	0.05	0.025	0.025	49	49	33-103	1	40	
Pentachlorophenol	mg/L	0.0034	U	0.05	0.05	0.023	0.025	47	50	33-117	7	40	J(CL)
Pyridine	mg/L	0.0011	U	0.05	0.05	0.016	0.019	33	38	10-46		40	
2,4,6-Tribromophenol (S)	%							52	59	20-123		40	
2-Fluorobiphenyl (S)	%							48	55	13-83		40	
2-Fluorophenol (S)	%							38	41	11-72		40	
Nitrobenzene-d5 (S)	%							53	53	11-95		40	
p-Terphenyl-d14 (S)	%							58	58	36-129		40	
Phenol-d6 (S)	%							36	38	14-67		40	

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QUALITY CONTROL DATA

Project: County Landfill

Pace Project No.: 35998109

QC Batch:	1148726	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35998109001, 35998109002, 35998109003, 35998109004, 35998109005, 35998109006, 35998109007, 35998109008, 35998109009, 35998109010

SAMPLE DUPLICATE: 6295591

Parameter	Units	35176178001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.2	1.2	1	10	

SAMPLE DUPLICATE: 6295592

Parameter	Units	35998109006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	39.3	47.9	20	10	J(D6)

SAMPLE DUPLICATE: 6295593

Parameter	Units	35999699003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.3	3.4	4	10	

SAMPLE DUPLICATE: 6295594

Parameter	Units	92829641019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.3	19.9	15	10	J(D6)

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QUALIFIERS

Project: County Landfill

Pace Project No.: 35998109

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 1146698

[T9] The temperature in the TCLP/ZHE extraction area was outside the method required range of 21-25 degrees C.

Batch: 1147896

[T9] The temperature in the TCLP/ZHE extraction area was outside the method required range of 21-25 degrees C.

Batch: 1149169

[T9] The temperature in the TCLP/ZHE extraction area was outside the method required range of 21-25 degrees C.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

ES The reported result is estimated because one or more of the constituent results are qualified as such.

J(CL) Estimated value. The continuing calibration for this compound is outside of method acceptance limits. The results may be biased low.

J(CU) The continuing calibration for this compound is above method acceptance limits. Analyte presence is not detected in associated samples. Results unaffected by high bias.

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

J(IS) Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.

J(L1) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

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QUALIFIERS

Project: County Landfill

Pace Project No.: 35998109

ANALYTE QUALIFIERS

J(M0)	Estimated Value. Matrix spike recovery was outside laboratory control limits.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(S0)	Estimated Value. Surrogate recovery outside laboratory control limits.
J(v1)	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
J(v2)	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
J(v3)	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
L	Off-scale high. Actual value is known to be greater than value given.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.
Q	Sample held beyond the accepted holding time.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35998109001	JC1	EPA 3050	1148635	EPA 6010	1148732
35998109002	JC2	EPA 3050	1148635	EPA 6010	1148732
35998109003	JC3	EPA 3050	1148635	EPA 6010	1148732
35998109004	JC4	EPA 3050	1148635	EPA 6010	1148732
35998109005	JC5	EPA 3050	1148635	EPA 6010	1148732
35998109006	JC6	EPA 3050	1148635	EPA 6010	1148732
35998109007	JC7	EPA 3050	1148635	EPA 6010	1148732
35998109008	JC8	EPA 3050	1148635	EPA 6010	1148732
35998109009	JC9	EPA 3050	1146382	EPA 6010	1146486
35998109010	JC10	EPA 3050	1146382	EPA 6010	1146486
35998109001	JC1	EPA 3005	1147365	EPA 6010	1147432
35998109002	JC2	EPA 3005	1147365	EPA 6010	1147432
35998109003	JC3	EPA 3005	1147365	EPA 6010	1147432
35998109004	JC4	EPA 3005	1147365	EPA 6010	1147432
35998109005	JC5	EPA 3005	1147365	EPA 6010	1147432
35998109006	JC6	EPA 3005	1147365	EPA 6010	1147432
35998109007	JC7	EPA 3005	1147365	EPA 6010	1147432
35998109008	JC8	EPA 3005	1147365	EPA 6010	1147432
35998109009	JC9	EPA 3005	1147365	EPA 6010	1147432
35998109010	JC10	EPA 3005	1147365	EPA 6010	1147432
35998109001	JC1	EPA 3010	1147021	EPA 6010	1147204
35998109002	JC2	EPA 3010	1147021	EPA 6010	1147204
35998109003	JC3	EPA 3010	1147021	EPA 6010	1147204
35998109004	JC4	EPA 3010	1147021	EPA 6010	1147204
35998109005	JC5	EPA 3010	1147021	EPA 6010	1147204
35998109006	JC6	EPA 3010	1147021	EPA 6010	1147204
35998109007	JC7	EPA 3010	1147021	EPA 6010	1147204
35998109008	JC8	EPA 3010	1147021	EPA 6010	1147204
35998109009	JC9	EPA 3010	1147021	EPA 6010	1147204
35998109010	JC10	EPA 3010	1147021	EPA 6010	1147204
35998109011	Water	EPA 3010	1145726	EPA 6010	1145845
35998109001	JC1	EPA 7470	1147988	EPA 7470	1148010
35998109002	JC2	EPA 7470	1147988	EPA 7470	1148010
35998109003	JC3	EPA 7470	1147988	EPA 7470	1148010
35998109004	JC4	EPA 7470	1147988	EPA 7470	1148010
35998109005	JC5	EPA 7470	1147988	EPA 7470	1148010
35998109006	JC6	EPA 7470	1147988	EPA 7470	1148010
35998109007	JC7	EPA 7470	1147988	EPA 7470	1148010
35998109008	JC8	EPA 7470	1147988	EPA 7470	1148010
35998109009	JC9	EPA 7470	1147988	EPA 7470	1148010
35998109010	JC10	EPA 7470	1147988	EPA 7470	1148010
35998109001	JC1	EPA 7470	1147305	EPA 7470	1147809
35998109002	JC2	EPA 7470	1147305	EPA 7470	1147809
35998109003	JC3	EPA 7470	1147305	EPA 7470	1147809
35998109004	JC4	EPA 7470	1147305	EPA 7470	1147809
35998109005	JC5	EPA 7470	1147305	EPA 7470	1147809

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35998109006	JC6	EPA 7470	1147305	EPA 7470	1147809
35998109007	JC7	EPA 7470	1147305	EPA 7470	1147809
35998109008	JC8	EPA 7470	1147305	EPA 7470	1147809
35998109009	JC9	EPA 7470	1147305	EPA 7470	1147809
35998109010	JC10	EPA 7470	1147305	EPA 7470	1147809
35998109011	Water	EPA 7470	1148786	EPA 7470	1148802
35998109001	JC1	EPA 7471	1148662	EPA 7471	1148749
35998109002	JC2	EPA 7471	1148662	EPA 7471	1148749
35998109003	JC3	EPA 7471	1148662	EPA 7471	1148749
35998109004	JC4	EPA 7471	1148662	EPA 7471	1148749
35998109005	JC5	EPA 7471	1148662	EPA 7471	1148749
35998109006	JC6	EPA 7471	1148662	EPA 7471	1148749
35998109007	JC7	EPA 7471	1148662	EPA 7471	1148749
35998109008	JC8	EPA 7471	1148662	EPA 7471	1148749
35998109009	JC9	EPA 7471	1148662	EPA 7471	1148749
35998109010	JC10	EPA 7471	1148662	EPA 7471	1148749
35998109001	JC1	EPA 3546	1145601	EPA 8270	1145931
35998109002	JC2	EPA 3546	1145601	EPA 8270	1145931
35998109003	JC3	EPA 3546	1145601	EPA 8270	1145931
35998109004	JC4	EPA 3546	1145601	EPA 8270	1145931
35998109005	JC5	EPA 3546	1145601	EPA 8270	1145931
35998109006	JC6	EPA 3546	1145601	EPA 8270	1145931
35998109007	JC7	EPA 3546	1145601	EPA 8270	1145931
35998109008	JC8	EPA 3546	1145601	EPA 8270	1145931
35998109009	JC9	EPA 3546	1145601	EPA 8270	1145931
35998109010	JC10	EPA 3546	1145601	EPA 8270	1145931
35998109001	JC1	EPA 3510	1147063	EPA 8270	1149084
35998109002	JC2	EPA 3510	1147063	EPA 8270	1149084
35998109003	JC3	EPA 3510	1147063	EPA 8270	1149084
35998109004	JC4	EPA 3510	1147063	EPA 8270	1149084
35998109005	JC5	EPA 3510	1147063	EPA 8270	1149084
35998109006	JC6	EPA 3510	1147063	EPA 8270	1149084
35998109007	JC7	EPA 3510	1147063	EPA 8270	1149084
35998109008	JC8	EPA 3510	1147063	EPA 8270	1149084
35998109009	JC9	EPA 3510	1147063	EPA 8270	1149084
35998109010	JC10	EPA 3510	1147063	EPA 8270	1149084
35998109001	JC1	EPA 8260 TCLP	1146698		
35998109002	JC2	EPA 8260 TCLP	1147896		
35998109003	JC3	EPA 8260 TCLP	1147896		
35998109004	JC4	EPA 8260 TCLP	1147896		
35998109005	JC5	EPA 8260 TCLP	1147896		
35998109006	JC6	EPA 8260 TCLP	1147896		
35998109007	JC7	EPA 8260 TCLP	1147896		
35998109008	JC8	EPA 8260 TCLP	1149169		
35998109009	JC9	EPA 8260 TCLP	1149169		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: County Landfill

Pace Project No.: 35998109

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35998109010	JC10	EPA 8260 TCLP	1149169		
35998109001	JC1	EPA 5035	1145308	EPA 8260	1145313
35998109002	JC2	EPA 5035	1145308	EPA 8260	1145313
35998109003	JC3	EPA 5035	1145308	EPA 8260	1145313
35998109004	JC4	EPA 5035	1145495	EPA 8260	1145532
35998109005	JC5	EPA 5035	1146478	EPA 8260	1146591
35998109006	JC6	EPA 5035	1145495	EPA 8260	1145532
35998109007	JC7	EPA 5035	1145495	EPA 8260	1145532
35998109008	JC8	EPA 5035	1145495	EPA 8260	1145532
35998109009	JC9	EPA 5035	1145495	EPA 8260	1145532
35998109010	JC10	EPA 5035	1145495	EPA 8260	1145532
35998109001	JC1	ASTM D2974-87	1148726		
35998109002	JC2	ASTM D2974-87	1148726		
35998109003	JC3	ASTM D2974-87	1148726		
35998109004	JC4	ASTM D2974-87	1148726		
35998109005	JC5	ASTM D2974-87	1148726		
35998109006	JC6	ASTM D2974-87	1148726		
35998109007	JC7	ASTM D2974-87	1148726		
35998109008	JC8	ASTM D2974-87	1148726		
35998109009	JC9	ASTM D2974-87	1148726		
35998109010	JC10	ASTM D2974-87	1148726		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY
WO# : 35998109

 35998109

Company Name: Environmental Science Associates (ESA)
 Street Address: 4200 West Cypress Street, Suite 450, Tampa, FL 33607
 Contact/Report To: Emily Keenan, 813-207-7211, ekeenan@esasoc.com
 Project Name: County Landfill
 Site Collection Info/Facility ID (as applicable):
 Time Zone Collected: [] AK [] PT [] MT [] CT [] ET
 Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
 Date Results Requested: [] Other
 * Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Soil (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Project #: []
 Project Name: County Landfill
 Site Collection Info/Facility ID (as applicable):
 Time Zone Collected: [] AK [] PT [] MT [] CT [] ET
 Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
 Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
 Date Results Requested: [] Other
 * Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Soil (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Res. Results	Chlorine Units
JC1	SED		11/14/25	1030	11/14/25	1035			
JC2	SED		11/14/25	1115	11/14/25	1115			
JC3	SED		11/14/25	1130	11/14/25	1135			
JC4	SED		11/14/25	1150	11/14/25	1155			
JC5	SED		11/14/25	1225	11/14/25	1230			
JC6	SED		11/14/25	1245	11/14/25	1250			
JC7	SED		11/14/25	1305	11/14/25	1310			
JC8	SED		11/14/25	1320	11/14/25	1325			
JC9	SED		11/14/25	1340	11/14/25	1345			
JC10	SED		11/14/25	1355	11/14/25	1400			

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Res. Results	Chlorine Units
JC1	SED		11/14/25	1030	11/14/25	1035			
JC2	SED		11/14/25	1115	11/14/25	1115			
JC3	SED		11/14/25	1130	11/14/25	1135			
JC4	SED		11/14/25	1150	11/14/25	1155			
JC5	SED		11/14/25	1225	11/14/25	1230			
JC6	SED		11/14/25	1245	11/14/25	1250			
JC7	SED		11/14/25	1305	11/14/25	1310			
JC8	SED		11/14/25	1320	11/14/25	1325			
JC9	SED		11/14/25	1340	11/14/25	1345			
JC10	SED		11/14/25	1355	11/14/25	1400			

Additional Instructions from Pace*:
 Collected By: Linden Cheek
 Signature: *Linden Cheek*
 Date/Time: 11/14/25 1030
 Received by/Company: *Lee E. Pace*
 Date/Time: 11/14/25 1900
 Received by/Company: *FEDEX*
 Date/Time: 11/14/25 2144
 Received by/Company: *Mypaper*

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Res. Results	Chlorine Units
JC1	SED		11/14/25	1030	11/14/25	1035			
JC2	SED		11/14/25	1115	11/14/25	1115			
JC3	SED		11/14/25	1130	11/14/25	1135			
JC4	SED		11/14/25	1150	11/14/25	1155			
JC5	SED		11/14/25	1225	11/14/25	1230			
JC6	SED		11/14/25	1245	11/14/25	1250			
JC7	SED		11/14/25	1305	11/14/25	1310			
JC8	SED		11/14/25	1320	11/14/25	1325			
JC9	SED		11/14/25	1340	11/14/25	1345			
JC10	SED		11/14/25	1355	11/14/25	1400			

LAB USE ONLY
WO# : 35998109

 35998109

Specify Container Size **
 Identify Container Preservative Type ***
 Analysis Requested

Specify Container Size **
 Identify Container Preservative Type ***
 Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Res. Results	Chlorine Units
JC1	SED		11/14/25	1030	11/14/25	1035			
JC2	SED		11/14/25	1115	11/14/25	1115			
JC3	SED		11/14/25	1130	11/14/25	1135			
JC4	SED		11/14/25	1150	11/14/25	1155			
JC5	SED		11/14/25	1225	11/14/25	1230			
JC6	SED		11/14/25	1245	11/14/25	1250			
JC7	SED		11/14/25	1305	11/14/25	1310			
JC8	SED		11/14/25	1320	11/14/25	1325			
JC9	SED		11/14/25	1340	11/14/25	1345			
JC10	SED		11/14/25	1355	11/14/25	1400			

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Res. Results	Chlorine Units
JC1	SED		11/14/25	1030	11/14/25	1035			
JC2	SED		11/14/25	1115	11/14/25	1115			
JC3	SED		11/14/25	1130	11/14/25	1135			
JC4	SED		11/14/25	1150	11/14/25	1155			
JC5	SED		11/14/25	1225	11/14/25	1230			
JC6	SED		11/14/25	1245	11/14/25	1250			
JC7	SED		11/14/25	1305	11/14/25	1310			
JC8	SED		11/14/25	1320	11/14/25	1325			
JC9	SED		11/14/25	1340	11/14/25	1345			
JC10	SED		11/14/25	1355	11/14/25	1400			

Customer Remarks / Special Conditions / Possible Hazards:
 # Coolers: 2
 Thermometer ID: T202
 Obs. Temp. (°C): 19.7
 Corrected Temp. (°C): 19.4
 On Ice: y
 Correction Factor (°C): +0.2
 Date/Time: 11/14/25 1030
 Date/Time: 11/14/25 1900
 Date/Time: 11/14/25 2144
 Tracking Number:
 Delivered by: [] In Person [] Courier
 [] FedEx [] UPS [] Other
 Page: 1 of 2

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Time	Collected or Composite End Date	Time	# Cont.	Res. Results	Chlorine Units
JC1	SED		11/14/25	1030	11/14/25	1035			
JC2	SED		11/14/25	1115	11/14/25	1115			
JC3	SED		11/14/25	1130	11/14/25	1135			
JC4	SED		11/14/25	1150	11/14/25	1155			
JC5	SED		11/14/25	1225	11/14/25	1230			
JC6	SED		11/14/25	1245	11/14/25	1250			
JC7	SED		11/14/25	1305	11/14/25	1310			
JC8	SED		11/14/25	1320	11/14/25	1325			
JC9	SED		11/14/25	1340	11/14/25	1345			
JC10	SED		11/14/25	1355	11/14/25	1400			



Sample Condition Upon Receipt Form (SCUR)

WO#: 35998109
PM: CEM **Due Date: 12/03/25**
CLIENT: 37-ESASSOC

Date and Initials of person: _____

Examining contents: _____

Verifying pH: _____

Project #
Project Manager:
Client:

Thermometer Used: T202

Date: 11/14/25

Time: 1030

Initials: CE

State of Origin: FL For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 19.4 (Visual) +0.2 (Correction Factor) 19.4 (Actual)

Cooler #2 Temp. °C 18.2 (Visual) +0.2 (Correction Factor) 18.4 (Actual)

Cooler #3 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Cooler #4 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Cooler #5 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Cooler #6 Temp. °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

Recheck for OOT °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun

Time: _____ Initials: _____

Courier: Fed Ex UPS USPS Client Commercial Pace Other: _____

Shipping Method: Standard Overnight First Overnight Priority Overnight Ground International Priority Other: _____

Tracking # _____

Custody Seal Present: Yes No Seal properly placed and intact: Yes No

Ice: Wet Blue Dry None Melted

Packing Material: Bubble Wrap Bubble Bags None Other: _____

Samples shorted to lab: Yes No (If yes, complete the following)

Shorted Date: _____

Shorted Time: _____

Bottle Quantity / Type: _____

Chain of Custody:	Present: <input type="checkbox"/> Yes <input type="checkbox"/> No Filled Out: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampler Name: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Relinquished To Pace: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampling Date(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampling Time(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Samples Arrived within Hold Time.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____
Rush Turnaround Requested on COC.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____
Sufficient Volume.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____
Correct Containers Used.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____
Containers Intact.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____
Sample Labels Match COC (Sample ID, Date/Time of Collection).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____
All containers needing acid / base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All containers needing preservation are found to be in compliance with EPA recommendation: <small>Exceptions: Vials, Microbiology, O&G, PFAS</small>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Headspace in Volatile Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Preservation Information

Preservative: _____ Date: _____
 Lot / Trace: _____ Time: _____
 Amount added (mL): _____ Initials: _____

Comments / Resolutions (use back for additional comments): _____

Labeled by: _____

Reviewed by: _____

Sample Condition Upon Receipt Form (SCUR)

WO#: 35998109
PM: CEM Due Date: 12/03/25
CLIENT: 37-ESASSOC



Date and Initials of person: 11/15/25
 Examining contents: [Signature]
 Verifying pH: _____
 Initials: [Signature]

Project # _____
 Project Manager: _____
 Client: _____

Thermometer Used: T-440 Date: 11/14/25 Time: 2203

State of Origin: _____ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 4.4 (Visual) +0.1 (Correction Factor) 5.0 (Actual)
 Cooler #2 Temp.°C 0.3 (Visual) +0.1 (Correction Factor) 0.4 (Actual)
 Cooler #3 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #4 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #5 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #6 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Recheck for OOT °C _____ (Visual) _____ (Correction Factor) _____ (Actual)

- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun
- Samples collected sameday, on ice cooling has begun

Time: _____ Initials: _____

Courier: Fed Ex UPS USPS Client Commercial Pace Other: _____

Shipping Method: Standard Overnight First Overnight Priority Overnight Ground International Priority Other: _____

Tracking # _____

Custody Seal Present: Yes No Seal properly placed and intact: Yes No

Ice: Wet Blue Dry None Melted

Packing Material: Bubble Wrap Bubble Bags None Other: _____

Samples shorted to lab: Yes No (If yes, complete the following)

Shorted Date: _____

Shorted Time: _____

Bottle Quantity / Type: _____

Chain of Custody:	Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampler Name: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A									
	Relinquished To Pace: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampling Date(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampling Time(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A									
Samples Arrived within Hold Time.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:								
Rush Turnaround Requested on COC.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Comments:								
Sufficient Volume.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:								
Correct Containers Used.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:								
Containers Intact.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:								
Sample Labels Match COC (Sample ID, Date/Time of Collection).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:								
All containers needing acid / base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<table border="1"> <tr> <td colspan="2">Preservation Information</td> </tr> <tr> <td>Preservative: _____</td> <td>Date: _____</td> </tr> <tr> <td>Lot / Trace: _____</td> <td>Time: _____</td> </tr> <tr> <td>Amount added (mL): _____</td> <td>Initials: _____</td> </tr> </table>	Preservation Information		Preservative: _____	Date: _____	Lot / Trace: _____	Time: _____	Amount added (mL): _____	Initials: _____
Preservation Information										
Preservative: _____	Date: _____									
Lot / Trace: _____	Time: _____									
Amount added (mL): _____	Initials: _____									
All containers needing preservation are found to be in compliance with EPA recommendation: <small>Exceptions: Vials, Microbiology, O&G, PFAS</small>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A									
Headspace in Volatile Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A									
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A									

Comments / Resolutions (use back for additional comments): _____

Labeled by: [Signature]

Reviewed by: [Signature]

Tampa Branch

Florida Registration No. 5950
 3925 Coconut Palm Dr. Suite 115
 Tampa, FL 33619
 Phone: 813-620-3389

Client:

ESA | Environmental Science Associates
 5404 Cypress Center Drive
 TAMPA, FL 33609

Project:

25-53-9463
 JENKINS CREEK SEDIMENT TESTS
 6300 SHOAL LINE BLVD
 SPRING HILL, FL

Table of Contents

Title	Description
Sieve Analysis Report	



This item has been digitally signed and sealed by Project Manager Anas Nofal on Dec 29, 2025 using a Digital Signature.

Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-1
SAMPLE LOCATION	JC1A
SAMPLE DESCRIPTION	Brown Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	A10
b	WEIGHT OF DISH (gms)	8.03
c	WET WEIGHT OF SOIL + DISH (gms)	83.19
d	DRY WEIGHT OF SOIL + DISH (gms)	67.59
e	WEIGHT OF WATER (gms) (c-d)	15.60
f	DRY WEIGHT OF SOIL (gms) (d-b)	59.56
g	MOISTURE CONTENT (%) (e/f)*100	26.2%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	A10
i	WEIGHT OF DISH (gms) (b)	8.03
j	WET WEIGHT OF SOIL + DISH (gms) (c)	83.19
k	WET WEIGHT OF SOIL (gms) (j-i)	75.16
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	59.56
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	67.59
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	66.20
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.39
p	% PASSING #200 SIEVE (o/l)*100	2.3%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	58.17
r	TOTAL DRY SAMPLES (grams) (l)	59.56

U.S. SIEVE SIZES		%		
	SOILS	GRAMS	RET.	PASS
	1"		0.0%	100.0%
	3/4"		0.0%	100.0%
	3/8"		0.0%	100.0%
	NO. 4	0.00	0.0%	100.0%
	NO. 10	0.29	0.5%	99.5%
	NO. 20	1.13	1.9%	98.1%
	NO. 40	6.71	11.3%	88.7%
	NO. 60	22.13	37.2%	62.8%
	NO. 100	34.21	57.4%	42.6%
	NO. 140	53.98	90.6%	9.4%
	NO. 200	58.04	97.4%	2.6%
	PAN	0.19	0.3%	99.7%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-2
SAMPLE LOCATION	JC2A
SAMPLE DESCRIPTION	Dark Gray Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-4
b	WEIGHT OF DISH (gms)	8.08
c	WET WEIGHT OF SOIL + DISH (gms)	70.67
d	DRY WEIGHT OF SOIL + DISH (gms)	52.53
e	WEIGHT OF WATER (gms) (c-d)	18.14
f	DRY WEIGHT OF SOIL (gms) (d-b)	44.45
g	MOISTURE CONTENT (%) (e/f)*100	40.8%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-4
i	WEIGHT OF DISH (gms) (b)	8.08
j	WET WEIGHT OF SOIL + DISH (gms) (c)	70.67
k	WET WEIGHT OF SOIL (gms) (j-i)	62.59
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	44.45
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	52.53
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	51.38
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.15
p	% PASSING #200 SIEVE (o/l)*100	2.6%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	43.30
r	TOTAL DRY SAMPLES (grams) (l)	44.45

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	0.41	0.9%		99.1%
	NO. 20	1.28	2.9%		97.1%
	NO. 40	5.49	12.4%		87.6%
	NO. 60	18.74	42.2%		57.8%
	NO. 100	27.76	62.5%		37.5%
	NO. 140	40.48	91.1%		8.9%
	NO. 200	43.38	97.6%		2.4%
	PAN	0.15	0.3%		99.7%



Project Name:	<u>Jenkins Creek - Lab Tests</u>	Date Received:	<u>11/20/2025</u>
Project Location:	<u>Hernando County, Florida</u>	Sampled By:	<u>Client</u>
File Number:	<u>25-53-9463</u>	Date Tested:	<u>12/10 to 12/24/2025</u>
Client Name:	<u>ESA</u>	Tested By:	<u>LW</u>

TEST NUMBER	10446-3
SAMPLE LOCATION	JC3A
SAMPLE DESCRIPTION	Dark Brown Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	P49
b	WEIGHT OF DISH (gms)	8.04
c	WET WEIGHT OF SOIL + DISH (gms)	105.05
d	DRY WEIGHT OF SOIL + DISH (gms)	53.79
e	WEIGHT OF WATER (gms) (c-d)	51.26
f	DRY WEIGHT OF SOIL (gms) (d-b)	45.75
g	MOISTURE CONTENT (%) (e/f)*100	112.0%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	P49
i	WEIGHT OF DISH (gms) (b)	8.04
j	WET WEIGHT OF SOIL + DISH (gms) (c)	105.05
k	WET WEIGHT OF SOIL (gms) (j-i)	97.01
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	45.75
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	53.79
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	51.94
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.85
p	% PASSING #200 SIEVE (o/l)*100	4.0%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	43.90
r	TOTAL DRY SAMPLES (grams) (l)	45.75

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
SOILS					
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	0.81	1.8%		98.2%
	NO. 20	2.36	5.2%		94.8%
	NO. 40	5.35	11.7%		88.3%
	NO. 60	10.21	22.3%		77.7%
	NO. 100	18.24	39.9%		60.1%
	NO. 140	37.25	81.4%		18.6%
	NO. 200	43.19	94.4%		5.6%
	PAN	0.59	1.3%		98.7%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-4
SAMPLE LOCATION	JC4A
SAMPLE DESCRIPTION	Dark Gray Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	A9
b	WEIGHT OF DISH (gms)	8.10
c	WET WEIGHT OF SOIL + DISH (gms)	74.92
d	DRY WEIGHT OF SOIL + DISH (gms)	46.67
e	WEIGHT OF WATER (gms) (c-d)	28.25
f	DRY WEIGHT OF SOIL (gms) (d-b)	38.57
g	MOISTURE CONTENT (%) (e/f)*100	73.2%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	A9
i	WEIGHT OF DISH (gms) (b)	8.10
j	WET WEIGHT OF SOIL + DISH (gms) (c)	74.92
k	WET WEIGHT OF SOIL (gms) (j-i)	66.82
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	38.57
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	46.67
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	45.42
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.25
p	% PASSING #200 SIEVE (o/l)*100	3.2%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	37.32
r	TOTAL DRY SAMPLES (grams) (l)	38.57

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	1.03	2.7%		97.3%
	NO. 20	2.27	5.9%		94.1%
	NO. 40	3.85	10.0%		90.0%
	NO. 60	6.74	17.5%		82.5%
	NO. 100	13.67	35.4%		64.6%
	NO. 140	31.95	82.8%		17.2%
	NO. 200	37.17	96.4%		3.6%
	PAN	0.24	0.6%		99.4%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-5
SAMPLE LOCATION	JC5A
SAMPLE DESCRIPTION	Dark Gray Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	Y9
b	WEIGHT OF DISH (gms)	8.06
c	WET WEIGHT OF SOIL + DISH (gms)	73.52
d	DRY WEIGHT OF SOIL + DISH (gms)	56.25
e	WEIGHT OF WATER (gms) (c-d)	17.27
f	DRY WEIGHT OF SOIL (gms) (d-b)	48.19
g	MOISTURE CONTENT (%) (e/f)*100	35.8%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	Y9
i	WEIGHT OF DISH (gms) (b)	8.06
j	WET WEIGHT OF SOIL + DISH (gms) (c)	73.52
k	WET WEIGHT OF SOIL (gms) (j-i)	65.46
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	48.19
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	56.25
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	54.87
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.38
p	% PASSING #200 SIEVE (o/l)*100	2.9%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	46.81
r	TOTAL DRY SAMPLES (grams) (l)	48.19

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	0.58	1.2%		98.8%
	NO. 20	1.13	2.3%		97.7%
	NO. 40	3.65	7.6%		92.4%
	NO. 60	10.48	21.7%		78.3%
	NO. 100	19.73	40.9%		59.1%
	NO. 140	40.33	83.7%		16.3%
	NO. 200	46.37	96.2%		3.8%
	PAN	0.37	0.8%		99.2%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-6
SAMPLE LOCATION	JC6A
SAMPLE DESCRIPTION	Dark Grayish Brown Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-12
b	WEIGHT OF DISH (gms)	8.28
c	WET WEIGHT OF SOIL + DISH (gms)	94.22
d	DRY WEIGHT OF SOIL + DISH (gms)	60.10
e	WEIGHT OF WATER (gms) (c-d)	34.12
f	DRY WEIGHT OF SOIL (gms) (d-b)	51.82
g	MOISTURE CONTENT (%) (e/f)*100	65.8%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-12
i	WEIGHT OF DISH (gms) (b)	8.28
j	WET WEIGHT OF SOIL + DISH (gms) (c)	94.22
k	WET WEIGHT OF SOIL (gms) (j-i)	85.94
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	51.82
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	60.10
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	53.93
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	6.17
p	% PASSING #200 SIEVE (o/l)*100	11.9%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	45.65
r	TOTAL DRY SAMPLES (grams) (l)	51.82

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	1.71	3.3%		96.7%
	NO. 20	3.74	7.2%		92.8%
	NO. 40	7.06	13.6%		86.4%
	NO. 60	14.26	27.5%		72.5%
	NO. 100	22.05	42.6%		57.4%
	NO. 140	39.01	75.3%		24.7%
	NO. 200	44.88	86.6%		13.4%
	PAN	0.79	1.5%		98.5%



Project Name:	<u>Jenkins Creek - Lab Tests</u>	Date Received:	<u>11/20/2025</u>
Project Location:	<u>Hernando County, Florida</u>	Sampled By:	<u>Client</u>
File Number:	<u>25-53-9463</u>	Date Tested:	<u>12/10 to 12/24/2025</u>
Client Name:	<u>ESA</u>	Tested By:	<u>LW</u>

TEST NUMBER	10446-7
SAMPLE LOCATION	JC7A
SAMPLE DESCRIPTION	Dark Brown Fine Sand with Roots
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-6
b	WEIGHT OF DISH (gms)	7.97
c	WET WEIGHT OF SOIL + DISH (gms)	59.09
d	DRY WEIGHT OF SOIL + DISH (gms)	18.15
e	WEIGHT OF WATER (gms) (c-d)	40.94
f	DRY WEIGHT OF SOIL (gms) (d-b)	10.18
g	MOISTURE CONTENT (%) (e/f)*100	402.2%

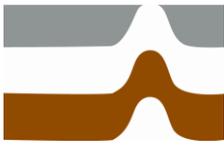
PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-6
i	WEIGHT OF DISH (gms) (b)	7.97
j	WET WEIGHT OF SOIL + DISH (gms) (c)	59.09
k	WET WEIGHT OF SOIL (gms) (j-i)	51.12
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	10.18
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	18.15
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	16.42
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.73
p	% PASSING #200 SIEVE (o/l)*100	17.0%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	8.45
r	TOTAL DRY SAMPLES (grams) (l)	10.18

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	1.18	11.6%		88.4%
	NO. 20	3.53	34.7%		65.3%
	NO. 40	5.15	50.6%		49.4%
	NO. 60	6.19	60.8%		39.2%
	NO. 100	7.02	69.0%		31.0%
	NO. 140	8.11	79.7%		20.3%
	NO. 200	8.40	82.5%		17.5%
	PAN	0.09	0.9%		99.1%



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File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-8
SAMPLE LOCATION	JC8A
SAMPLE DESCRIPTION	Dark Brown Silty Fine Sand with Roots
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-56
b	WEIGHT OF DISH (gms)	8.04
c	WET WEIGHT OF SOIL + DISH (gms)	66.43
d	DRY WEIGHT OF SOIL + DISH (gms)	22.89
e	WEIGHT OF WATER (gms) (c-d)	43.54
f	DRY WEIGHT OF SOIL (gms) (d-b)	14.85
g	MOISTURE CONTENT (%) (e/f)*100	293.2%

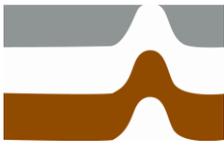
PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-56
i	WEIGHT OF DISH (gms) (b)	8.04
j	WET WEIGHT OF SOIL + DISH (gms) (c)	66.43
k	WET WEIGHT OF SOIL (gms) (j-i)	58.39
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	14.85
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	22.89
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	19.62
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	3.27
p	% PASSING #200 SIEVE (o/l)*100	22.0%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	11.58
r	TOTAL DRY SAMPLES (grams) (l)	14.85

U.S. SIEVE SIZES		GRAMS	%	
	SOILS		RET.	PASS
	1"		0.0%	100.0%
	3/4"		0.0%	100.0%
	3/8"		0.0%	100.0%
	NO. 4	0.00	0.0%	100.0%
	NO. 10	4.10	27.6%	72.4%
	NO. 20	7.27	49.0%	51.0%
	NO. 40	8.88	59.8%	40.2%
	NO. 60	9.80	66.0%	34.0%
	NO. 100	10.51	70.8%	29.2%
	NO. 140	11.03	74.3%	25.7%
	NO. 200	11.39	76.7%	23.3%
	PAN	0.25	1.7%	98.3%



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File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-9
SAMPLE LOCATION	JC1B
SAMPLE DESCRIPTION	Brown Slightly Silty Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-14
b	WEIGHT OF DISH (gms)	8.15
c	WET WEIGHT OF SOIL + DISH (gms)	128.89
d	DRY WEIGHT OF SOIL + DISH (gms)	108.73
e	WEIGHT OF WATER (gms) (c-d)	20.16
f	DRY WEIGHT OF SOIL (gms) (d-b)	100.58
g	MOISTURE CONTENT (%) (e/f)*100	20.0%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-14
i	WEIGHT OF DISH (gms) (b)	8.15
j	WET WEIGHT OF SOIL + DISH (gms) (c)	128.89
k	WET WEIGHT OF SOIL (gms) (j-i)	120.74
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	100.58
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	108.73
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	95.49
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	13.24
p	% PASSING #200 SIEVE (o/l)*100	13.2%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	87.34
r	TOTAL DRY SAMPLES (grams) (l)	100.58

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
SOILS					
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	0.06	0.1%		99.9%
	NO. 20	0.61	0.6%		99.4%
	NO. 40	3.93	3.9%		96.1%
	NO. 60	14.01	13.9%		86.1%
	NO. 100	27.98	27.8%		72.2%
	NO. 140	69.30	68.9%		31.1%
	NO. 200	85.14	84.6%		15.4%
	PAN	0.25	0.2%		99.8%



Project Name:	<u>Jenkins Creek - Lab Tests</u>	Date Received:	<u>11/20/2025</u>
Project Location:	<u>Hernando County, Florida</u>	Sampled By:	<u>Client</u>
File Number:	<u>25-53-9463</u>	Date Tested:	<u>12/10 to 12/24/2025</u>
Client Name:	<u>ESA</u>	Tested By:	<u>LW</u>

TEST NUMBER	<u>10446-10</u>
SAMPLE LOCATION	<u>JC2B</u>
SAMPLE DESCRIPTION	<u>Limerock</u>
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	<u>T81</u>
b	WEIGHT OF DISH (gms)	<u>8.40</u>
c	WET WEIGHT OF SOIL + DISH (gms)	<u>96.22</u>
d	DRY WEIGHT OF SOIL + DISH (gms)	<u>73.33</u>
e	WEIGHT OF WATER (gms) (c-d)	<u>22.89</u>
f	DRY WEIGHT OF SOIL (gms) (d-b)	<u>64.93</u>
g	MOISTURE CONTENT (%) (e/f)*100	<u>35.3%</u>

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	<u>T81</u>
i	WEIGHT OF DISH (gms) (b)	<u>8.40</u>
j	WET WEIGHT OF SOIL + DISH (gms) (c)	<u>96.22</u>
k	WET WEIGHT OF SOIL (gms) (j-i)	<u>87.82</u>
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	<u>64.93</u>
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	<u>73.33</u>
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	<u>61.12</u>
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	<u>12.21</u>
p	% PASSING #200 SIEVE (o/l)*100	<u>18.8%</u>

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	<u>52.72</u>
r	TOTAL DRY SAMPLES (grams) (l)	<u>64.93</u>

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"	0.00	0.0%		100.0%
	3/8"	4.04	6.2%		93.8%
	NO. 4	9.19	14.2%		85.8%
	NO. 10	14.02	21.6%		78.4%
	NO. 20	19.57	30.1%		69.9%
	NO. 40	28.25	43.5%		56.5%
	NO. 60	38.41	59.2%		40.8%
	NO. 100	45.73	70.4%		29.6%
	NO. 140	48.95	75.4%		24.6%
	NO. 200	51.11	78.7%		21.3%
	PAN	1.76	2.7%		97.3%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
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File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-11
SAMPLE LOCATION	JC3B
SAMPLE DESCRIPTION	Brown Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	A-7
b	WEIGHT OF DISH (gms)	8.02
c	WET WEIGHT OF SOIL + DISH (gms)	79.29
d	DRY WEIGHT OF SOIL + DISH (gms)	68.99
e	WEIGHT OF WATER (gms) (c-d)	10.30
f	DRY WEIGHT OF SOIL (gms) (d-b)	60.97
g	MOISTURE CONTENT (%) (e/f)*100	16.9%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	A-7
i	WEIGHT OF DISH (gms) (b)	8.02
j	WET WEIGHT OF SOIL + DISH (gms) (c)	79.29
k	WET WEIGHT OF SOIL (gms) (j-i)	71.27
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	60.97
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	68.99
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	65.47
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	3.52
p	% PASSING #200 SIEVE (o/l)*100	5.8%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	57.45
r	TOTAL DRY SAMPLES (grams) (l)	60.97

U.S. SIEVE SIZES		GRAMS	%	
	SOILS		RET.	PASS
	1"		0.0%	100.0%
	3/4"		0.0%	100.0%
	3/8"		0.0%	100.0%
	NO. 4	0.00	0.0%	100.0%
	NO. 10	0.01	0.0%	100.0%
	NO. 20	0.43	0.7%	99.3%
	NO. 40	3.27	5.4%	94.6%
	NO. 60	12.44	20.4%	79.6%
	NO. 100	21.59	35.4%	64.6%
	NO. 140	47.11	77.3%	22.7%
	NO. 200	56.76	93.1%	6.9%
	PAN	0.62	1.0%	99.0%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-12
SAMPLE LOCATION	JC4B
SAMPLE DESCRIPTION	Brown Silty Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-9
b	WEIGHT OF DISH (gms)	8.00
c	WET WEIGHT OF SOIL + DISH (gms)	105.58
d	DRY WEIGHT OF SOIL + DISH (gms)	74.29
e	WEIGHT OF WATER (gms) (c-d)	31.29
f	DRY WEIGHT OF SOIL (gms) (d-b)	66.29
g	MOISTURE CONTENT (%) (e/f)*100	47.2%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-9
i	WEIGHT OF DISH (gms) (b)	8.00
j	WET WEIGHT OF SOIL + DISH (gms) (c)	105.58
k	WET WEIGHT OF SOIL (gms) (j-i)	97.58
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	66.29
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	74.29
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	71.67
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	2.62
p	% PASSING #200 SIEVE (o/l)*100	4.0%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	63.67
r	TOTAL DRY SAMPLES (grams) (l)	66.29

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
SOILS					
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	0.12	0.2%		99.8%
	NO. 20	0.52	0.8%		99.2%
	NO. 40	2.63	4.0%		96.0%
	NO. 60	7.85	11.8%		88.2%
	NO. 100	18.19	27.4%		72.6%
	NO. 140	52.23	78.8%		21.2%
	NO. 200	63.12	95.2%		4.8%
	PAN	0.59	0.9%		99.1%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
Project Location: <u>Hernando County, Florida</u>	Sampled By: <u>Client</u>
File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-13
SAMPLE LOCATION	JC5B
SAMPLE DESCRIPTION	Light Brown Fine Sand with Rock Fragment
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	B-3
b	WEIGHT OF DISH (gms)	7.99
c	WET WEIGHT OF SOIL + DISH (gms)	86.02
d	DRY WEIGHT OF SOIL + DISH (gms)	70.94
e	WEIGHT OF WATER (gms) (c-d)	15.08
f	DRY WEIGHT OF SOIL (gms) (d-b)	62.95
g	MOISTURE CONTENT (%) (e/f)*100	24.0%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	B-3
i	WEIGHT OF DISH (gms) (b)	7.99
j	WET WEIGHT OF SOIL + DISH (gms) (c)	86.02
k	WET WEIGHT OF SOIL (gms) (j-i)	78.03
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	62.95
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	70.94
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	63.28
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	7.66
p	% PASSING #200 SIEVE (o/l)*100	12.2%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	55.29
r	TOTAL DRY SAMPLES (grams) (l)	62.95

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"	0.00	0.0%		100.0%
	3/8"	1.66	2.6%		97.4%
	NO. 4	4.25	6.8%		93.2%
	NO. 10	6.42	10.2%		89.8%
	NO. 20	10.12	16.1%		83.9%
	NO. 40	16.47	26.2%		73.8%
	NO. 60	27.42	43.6%		56.4%
	NO. 100	36.13	57.4%		42.6%
	NO. 140	50.19	79.7%		20.3%
	NO. 200	54.26	86.2%		13.8%
	PAN	0.87	1.4%		98.6%



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File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-14
SAMPLE LOCATION	JC6B
SAMPLE DESCRIPTION	Brown Silty Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	H67
b	WEIGHT OF DISH (gms)	8.06
c	WET WEIGHT OF SOIL + DISH (gms)	74.44
d	DRY WEIGHT OF SOIL + DISH (gms)	51.38
e	WEIGHT OF WATER (gms) (c-d)	23.06
f	DRY WEIGHT OF SOIL (gms) (d-b)	43.32
g	MOISTURE CONTENT (%) (e/f)*100	53.2%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	H67
i	WEIGHT OF DISH (gms) (b)	8.06
j	WET WEIGHT OF SOIL + DISH (gms) (c)	74.44
k	WET WEIGHT OF SOIL (gms) (j-i)	66.38
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	43.32
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	51.38
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	48.71
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	2.67
p	% PASSING #200 SIEVE (o/l)*100	6.2%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	40.65
r	TOTAL DRY SAMPLES (grams) (l)	43.32

U.S. SIEVE SIZES		GRAMS	%	
	SOILS		RET.	PASS
	1"		0.0%	100.0%
	3/4"		0.0%	100.0%
	3/8"		0.0%	100.0%
	NO. 4	0.00	0.0%	100.0%
	NO. 10	1.39	3.2%	96.8%
	NO. 20	2.16	5.0%	95.0%
	NO. 40	3.84	8.9%	91.1%
	NO. 60	9.22	21.3%	78.7%
	NO. 100	16.65	38.4%	61.6%
	NO. 140	34.66	80.0%	20.0%
	NO. 200	40.17	92.7%	7.3%
	PAN	0.42	1.0%	99.0%



Project Name: <u>Jenkins Creek - Lab Tests</u>	Date Received: <u>11/20/2025</u>
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File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-15
SAMPLE LOCATION	JC7B
SAMPLE DESCRIPTION	Dark Brown Silty Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	T58
b	WEIGHT OF DISH (gms)	8.07
c	WET WEIGHT OF SOIL + DISH (gms)	56.32
d	DRY WEIGHT OF SOIL + DISH (gms)	18.62
e	WEIGHT OF WATER (gms) (c-d)	37.70
f	DRY WEIGHT OF SOIL (gms) (d-b)	10.55
g	MOISTURE CONTENT (%) (e/f)*100	357.3%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	T58
i	WEIGHT OF DISH (gms) (b)	8.07
j	WET WEIGHT OF SOIL + DISH (gms) (c)	56.32
k	WET WEIGHT OF SOIL (gms) (j-i)	48.25
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	10.55
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	18.62
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	17.21
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	1.41
p	% PASSING #200 SIEVE (o/l)*100	13.4%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	9.14
r	TOTAL DRY SAMPLES (grams) (l)	10.55

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
	SOILS				
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"		0.0%		100.0%
	NO. 4	0.00	0.0%		100.0%
	NO. 10	4.65	44.1%		55.9%
	NO. 20	7.23	68.5%		31.5%
	NO. 40	8.21	77.8%		22.2%
	NO. 60	8.62	81.7%		18.3%
	NO. 100	8.86	84.0%		16.0%
	NO. 140	9.06	85.9%		14.1%
	NO. 200	9.17	86.9%		13.1%
	PAN	0.13	1.2%		98.8%



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File Number: <u>25-53-9463</u>	Date Tested: <u>12/10 to 12/24/2025</u>
Client Name: <u>ESA</u>	Tested By: <u>LW</u>

TEST NUMBER	10446-16
SAMPLE LOCATION	JC8B
SAMPLE DESCRIPTION	Dark Brown Slightly Silty Fine Sand
UNIFIED CLASSIFICATION	

MOISTURE CONTENT DETERMINATION (ASTM D-2216)

a	DISH NUMBER	A-5
b	WEIGHT OF DISH (gms)	8.14
c	WET WEIGHT OF SOIL + DISH (gms)	106.00
d	DRY WEIGHT OF SOIL + DISH (gms)	85.40
e	WEIGHT OF WATER (gms) (c-d)	20.60
f	DRY WEIGHT OF SOIL (gms) (d-b)	77.26
g	MOISTURE CONTENT (%) (e/f)*100	26.7%

PERCENT PASSING NO. 200 SIEVE DETERMINATION (ASTM D-1140)

h	DISH NUMBER (a)	A-5
i	WEIGHT OF DISH (gms) (b)	8.14
j	WET WEIGHT OF SOIL + DISH (gms) (c)	106.00
k	WET WEIGHT OF SOIL (gms) (j-i)	97.86
l	DRY WEIGHT OF SOIL (gms) (k/(1+g))	77.26
m	DRY WEIGHT OF SOIL + DISH (gms) BEFORE WASH (l+i)	85.40
n	DRY WEIGHT OF SOIL + DISH (gms) AFTER WASH	79.19
o	WEIGHT OF SOIL PASSING #200 SIEVE (gms) (m-n)	6.21
p	% PASSING #200 SIEVE (o/l)*100	8.0%

SIEVE ANALYSIS (ASTM D-421 & D-422)

q	DRY SAMPLES AFTER -200 WASH (grams) (n-l)	71.05
r	TOTAL DRY SAMPLES (grams) (l)	77.26

U.S. SIEVE SIZES		GRAMS	RET.	%	PASS
SOILS					
	1"		0.0%		100.0%
	3/4"		0.0%		100.0%
	3/8"	0.00	0.0%		100.0%
	NO. 4	0.23	0.3%		99.7%
	NO. 10	0.47	0.6%		99.4%
	NO. 20	0.95	1.2%		98.8%
	NO. 40	3.24	4.2%		95.8%
	NO. 60	12.05	15.6%		84.4%
	NO. 100	23.90	30.9%		69.1%
	NO. 140	58.56	75.8%		24.2%
	NO. 200	70.04	90.7%		9.3%
	PAN	0.66	0.9%		99.1%