



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

NOTICE OF PERMIT MODIFICATION

June 2, 2022

E-mail
dwhitehead@leegov.com

In the Matter of an
Application for Permit by:
Mr. Douglas Whitehead
Lee County Solid Waste Department
10500 Buckingham Road
Fort Meyers, Florida, 33905

Lee/Hendry
WACS # 74766
Lee Hendry Regional Solid Waste Disposal
Facility

Attention: Mr. Douglas Whitehead

DEP File Nos: 0130719-023-SO-MM

Pursuant to Sections 403.061(14) and 403.707, Florida Statutes, the Department hereby issues modification number 0130719-023-SO-MM. The following conditions of permit number 0130719-018-SO-01 are modified as follows:

SPECIFIC CONDITION	FROM	TO	TYPE OF MODIFICATION
Page 1		New	Updated contact information and added Permit Modification No. 0130719-023-SO-MM
1.C Facility Description	Existing	Amended	Updated to include Phases 13-18 and revise disposal area. Updated Class I facility life
2.C.1	Existing	Amended	Updated reference to Approved Operation Plan document number
2.C.3.(a) (4)	Existing	Amended	Updated reference to include reference to applicable Florida Statute
2.C.3.(b) (1)(c)	Existing	Amended	Deleted treated biomedical waste as an authorized waste.
2.C.4(c)	Existing	Amended	Updated reference to include reference to applicable Florida Statute
2.C.6	Existing	Amended	Updated final landfill elevation
2.C.8(a)	Existing	Amended	Updated reference to Approved Operation Plan document number
2.E.1(a)	Existing	Amended	Updated reference to figure showing gas monitoring points

2.E.1(b)	Existing	Amended	Updated reference to Landfill Gas Monitoring and Management Plan
2.G.2	Existing	Amended	Updated reference to updated Closure and Long-Term Care Plan
Appendix 2	Existing	Amended	Addition of Documents 4 and 5 related to Permit Modification No. 0130719-023-SO-MM
Appendix 3.II.1	Existing	Amended	Updated number of monitor wells
Appendix 3.II.3	Existing	Amended	Update number of shallow monitor wells
Appendix 3.II.4	Existing	Amended	Update number of deep monitor wells
Appendix 3 Table 1	Existing	Amended	Updated to reflect wells to be abandoned and installed. Added scheduling notes
Appendix 3 Figure 1	Existing	Amended	Updated to include revised ground water monitoring network
Attachment 1			Addition of Permit Modification No. 0130719-023-SO-MM

Attached is Permit Number 0130719-018-SO-01 as modified by this Order. The attached permit replaces all previous permits and permit modifications for this facility.

NOTICE OF RIGHTS

Judicial Review

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68, F.S. by the filing of a notice of appeal under Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department of Environmental Protection in the Office of General Counsel (Mail 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 after this order is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Kimberly A. Walker  Digitally signed by Kimberly A. Walker
 Date: 2022.06.02 13:22:46 -04'00'

Kimberly A. Walker, Program Administrator
 Permitting and Compliance Assistance Program

Attachment(s):

1. Permit No. 0130719-018-SO-01 as modified by 0130719-023-SO-MM

Douglas Whitehead

June 2, 2022

Page 3 of 3

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Rebecca Rodriguez, P.E., Lee County

RRodriguez2@leegov.com

Linda Braam, Lee County

LBraam@leegov.com

Keith Howard, P.E., HDR

Keith.Howard@hdrinc.com

El Kromhout, P.G., FDEP

Elizabeth.Kromhout@FloridaDEP.gov

Renee Kwiat, FDEP

Renee.Kwiat@FloridaDEP.gov

Peter Latham, Latham, Luna, Eden and Beaudine

platham@lathamluna.com

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Tamela Starling

Clerk

6/2/2022

Date



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

BOB MARTINEZ CENTER
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

JONATHAN P. STEVERSON
SECRETARY

Permit Issued to:

Lee County Solid Waste Division
10500 Buckingham Road
Fort Myers, Florida 33905
239-533-8000

WACS Facility ID No.: 74766
Lee/Hendry County Regional Solid Waste Disposal Facility
5500 Church Road
Felda, Hendry County, Florida

Contact Person:

Rebecca Rodriguez, P.E. ~~Laura Gray, P.E.~~, Engineering Manager
10500 Buckingham Road
Fort Myers, Florida 33905
Rrodriguez2@leegov.com ~~lgray@leegov.com~~
239-533-89148000

Solid Waste Operations Renewal Permit – Class I Landfill
Permit No.: 0130719-018-SO-01
Replaces Permit No.: 0130719-010-SO/00
Includes Modification No. 0130719-022-SO-MM
Includes Modification No. 0130719-023-SO-MM

Permit Issued: January 14, 2015
Permit Renewal Application Due Date: November 13, 2034
Permit Expires: January 14, 2035

Permitting Authority
Florida Department of Environmental Protection
Tallahassee Office
2600 Blair Stone Rd.
Tallahassee, Florida 32399-2400
850-245-8707
Fax: 850-245-8803

SECTION 1 - SUMMARY INFORMATION

A. Authorization

The Permittee is hereby authorized to operate the facilities described below in accordance with the specific and general conditions of this permit and any documents attached to this permit or specifically referenced in this Permit and made a part of this Permit.

This Solid Waste Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-701.

This permit does not relieve the Permittee from complying with any other appropriate local zoning or land use ordinances or with any other laws, rules or ordinances. Receipt of any permits from the Department does not relieve the applicant from obtaining other federal, state, and local permits and/or modifications required by law, including those from other Sections within the Department or of the Water Management District.

B. Facility Location

Facility Location (main entrance): 5500 Church Road, Felda, Hendry County, Florida.
Location Coordinates: Section: 04, 09 & 16, Township: 45 S, Range: 28 E
Latitude: 26 33'27.0", Longitude 81 31'51.0"

C. Facility Description

To continue to operate a Class I disposal facility, Phase 1 (1A and 1B), having approximately 13.9 acres, ~~and~~ Phase II having 25.59 acres, Phase III (Cells 11 and 12 consisting of 14.7 acres) and future Cells 13 through 18 consisting of 36.4 acres, for a combined total disposal area of 90.59 ~~38~~ acres. The currently permitted Class I facility has an expected life of 246 years. Additional phases will be built in the future and will be incorporated by permit modification. The ash monofill and Class III landfill are authorized under separate permit.

D. Appendices Made Part of This Permit

APPENDIX 1 – General Conditions

APPENDIX 2 – Approved Application Documents

APPENDIX 3 – Water Quality Monitoring Plan

E. Attachments for Informational Purposes Only

ATTACHMENT 1 – Facility Permit History

SECTION 2 - SPECIFIC CONDITIONS

A. Administrative Requirements

1. Documents Part of This Permit. The permit application as revised in final form replaced or amended in response to the Department's Request(s) for Additional Information are contained in the Department's files and are made a part of this permit. Those documents that make up the complete permit application are listed in APPENDIX 2.
2. Permit Modification. Any change to construction, operation, monitoring, or closure requirements of this permit may require a modification to this permit, in accordance with the provisions of Rule 62-701.320(4), F.A.C.
3. Permit Renewal. In order to ensure uninterrupted operation of this facility, a timely and sufficient permit renewal application must be submitted to the Department in accordance with Rule 62-701.320(10), F.A.C. A permit application submitted at least 61 days prior to the expiration of this permit is considered timely and sufficient.
4. Transfer of Permit or Name Change. In accordance with Rule 62-701.320(11), F.A.C., and Rule 62-4.120, F.A.C., the Department must be notified by submitting Form 62-701.900(8) within 30 days: (a) of any sale or conveyance of the facility; (b) if a new or different person takes ownership or control of the facility; or (c) if the facility name or Permittee's legal name is changed.
5. Air Permit Requirements. This facility is authorized to operate under Title V permit No. 0510030-007-AV, which expires on March 6, 2024. For information regarding the Title V permit, contact the Division of Air Resource Management, Office of Permitting and Compliance, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400, (850) 717-9000.
6. Submittals Required Every Five Years. No later than January 13, 2025, and January 13, 2030, the Permittee shall submit a report to the Department that contains the following:
 - a. An updated closure plan to reflect changes in closure design, long-term care requirements, and financial assurance requirements.
 - b. A revised closure cost estimate, made by recalculating the total cost of closure or long-term care, in current dollars.
 - c. A demonstration that the leachate collection system has been water pressure cleaned or inspected by video recording.
 - d. An updated operation plan, if operational procedures have changed.
7. Permit Fee Payments. The total permit fee required for this permit is \$40,000 for a 20-year permit. The applicant has elected to pay this fee in installments in accordance with Rule 62-701.315(13), F.A.C., and submitted \$10,000 with the permit application. A \$10,000 installment fee was received by the Department by January 13, 2020. No later than January 13, 2025, and January 13, 2030, the Permittee shall submit the remaining installment payments of \$10,000 each to the Department. This fee is due the State regardless of whether the Permittee closes the facility, surrenders the permit, has the permit revoked, or

transfers the permit before it expires. If the Permittee elects to transfer the permit, it must either pay the entirety of the fee due before submitting the application for transfer, or it must include with the transfer application a signed agreement from the proposed transferee to accept responsibility for the remainder of the permit fee due.

B. Construction Requirements

1. Construction authorized. This permit does not authorize any construction activities.

C. Operation Requirements

1. General Operating Requirements. The Permittee shall operate the landfill in accordance with the approved Operation Plan (Appendix 2, Document 5). ~~A revised Operation Plan dated January 2020, was included as Attachment 4.2 in the Five Year Submittal Report dated January 13, 2020 and is incorporated by reference as the approved Operation Plan.~~ The Department shall be notified before any changes, other than minor deviations, to the approved Operation Plan are implemented in order to determine whether a permit modification is required.
2. Operation Plan. A copy of the approved Operation Plan, including the operating record as defined in Rule 62-701.500(3), F.A.C., shall be kept at or near the landfill facility”, located at 5500 Church Road, Felda Florida, 33930, and/or the Lee County Solid Waste Department, 10500 Buckingham Road, Fort Myers, Florida 33905 or the County’s computer network, and shall be accessible to landfill operators.
3. Authorized Waste Types. The facility is authorized to manage only the following waste types:
 - a. Waste types defined in Rule 62-701.200, F.A.C.:
 - 1) Class I waste.
 - a) Household
 - b) Commercial
 - 2) Class III waste.
 - 3) Construction and demolition debris.
 - 4) Yard trash as allowed pursuant to Section 403.708(12)(c), F.S.
 - 5) Waste tires (shredded/cut tires).
 - 6) Agricultural.
 - 7) Sludge (domestic, industrial).
 - 8) Industrial.
 - 9) Ash residue.
 - 10) CCA treated wood.
 - b. Other Wastes Specifically Authorized:
 - 1) Biological Wastes.
 - a) Bodies of domestic animals upon death by disease shall be disposed of pursuant to Section 823.041(1), F.S.
 - b) Bodies of captive wildlife, as well as bodies of domestic animals that have not died due to disease.
 - ~~c) Treated biomedical waste may only be accepted in accordance with Rule 62-701.300(6), F.A.C.~~

- 2) Asbestos. Asbestos may be accepted and managed in accordance with the requirements of 62-701.520(3), F.A.C.
 - 3) Contaminated Soil. Soil that has been contaminated with petroleum products or any other materials that are not hazardous wastes may be accepted and managed or disposed in the Class I landfill in accordance with Rule 62-701.520(4), F.A.C.
 - 4) Other non-hazardous Class I waste that is not otherwise prohibited in a Class I landfill.
- c. Special Wastes: The disposal or control of special wastes shall be in accordance with the approved Operation Plan, Rules 62-701.300(8) and 62-701.520, F.A.C., and any other Department rules, to protect the public safety, health and welfare. The special wastes shall be handled on a first-in, first-out basis.
4. Unauthorized Waste Types. The facility is not authorized to process or dispose any waste types not listed in C.3. above. In addition, the facility is not authorized to process or dispose the following wastes in the Class I Landfill in accordance with Rule 62-701.300(8), F.A.C.
- a. Lead-acid batteries;
 - b. Used oil and oily waste, except as provided in Chapter 62-710, F.A.C., and subsection 62-701.300(11), F.A.C.;
 - c. Yard trash, unless mulched and mixed with cover or as allowed pursuant to Section 403.708(12)(c), F.S.
 - d. White goods and lawn mowers;
 - e. Whole waste tires, except as provided in Chapter 72-711, F.A.C.
 - f. Liquids, except as provided in subsection 62-701.300(10), F.A.C.

Any unauthorized waste inadvertently received by the facility shall be managed in accordance with the approved Operation Plan.

5. Waste Management and Handling.
- a. Solid waste shall be formed into cells to construct horizontal lifts. The working face of the cell, and side grades above land surface, shall be at a slope no greater than three feet horizontal to one-foot vertical rise or as authorized by this permit in accordance with the approved operation plan.
 - b. No solid waste shall be disposed of outside of the permitted footprint of the solid waste disposal units.
 - c. The sequence of waste filling shall be as specified in the approved operation plan.
6. Landfill Elevation. The permitted height of the Class I landfill is currently 165 ft. 134.5 NGVD.
7. Initial Waste Placement. The first layer of waste placed above the liner and leachate collection system shall be a minimum of four feet in compacted thickness and consist of selected wastes containing no large rigid objects that may damage the liner or leachate collection system.
8. Cover Requirements: All solid waste disposed of in the Class I landfill shall be covered as required by Rule 62-701.500(7), F.A.C.

- a. Initial Cover: Initial cover shall be applied and maintained at the end of each working day in the Class I landfill in accordance with Rule 62-701.500(7)(e)&(f), F.A.C., so as to protect the public health and welfare. Approved initial cover materials include those listed in Rule 62-701.500(7)(e), F.A.C., provided they meet the criteria of Rule 62-701.200(53), F.A.C. As indicated in the approved Operation Plan ([Appendix 2, Document 5](#)) ~~dated January 2020~~, other alternate daily initial cover materials may include:
 - 1) Soil that has been contaminated with petroleum products or any other materials that are not hazardous wastes if the material meets the criteria of Rule 62-701.200(53) or (55) F.A.C., as appropriate. Contaminated soil as defined by Rule 62-713.200(3) F.A.C. that has the potential to leach constituents in excess of Department ground water standards or criteria may be used only on the interior, non-permanent slopes where runoff or infiltration is captured by the leachate collection system.
 - 2) Cleaned soil that meets the requirements of Rule 62-713.520(2), F.A.C. may be used as initial cover material on interior and exterior landfill slopes.
 - 3) Combustion ash from the Resource Recovery Facility (RRF) may be used as an initial cover material as specified on page 14 of the approved Operation Plan.
 - b. Alternate initial cover material not identified herein shall be approved by the Department prior to use at the facility. For those areas where solid waste will be deposited on the working face within 18 hours, initial cover may consist of a temporary cover or tarpaulin. Crushed glass from the Lee County Recovered Materials Processing Facility is an approved alternative initial cover material.
 - c. Intermediate Cover: Intermediate cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(g). An intermediate cover of one (1) foot of compacted earth or other approved intermediate cover material, in addition to the six (6) inch layer of initial cover shall be applied within seven (7) days of cell completion at all landfills if final cover or an additional lift is not to be applied within 180 days of cell completion. Approved intermediate cover materials include those listed in Rule 62-701.500(7)(g), F.A.C., provided they meet the criteria of Rule 62-701.200(55), F.A.C.
 - d. Materials that have been used for intermediate cover may be removed and reused only if the materials are substantially free of waste.
9. Erosion Control. Erosion control measures shall be employed to correct any erosion which exposes waste or causes malfunction of the storm water management system. Such measures shall be implemented within three days of occurrence. If the erosion cannot be corrected within seven days of occurrence, the landfill operator shall notify the Department and propose a correction schedule.
10. Contingency Plan and Notification of Emergencies. The Permittee shall notify the Department in accordance with the approved Contingency Plan. Notification shall be made to the Solid Waste Section of DEP's South District Office at 239 344-5600.

11. Housekeeping. The facility shall be operated to control dust, vectors, litter and objectionable odors. If objectionable odors are confirmed beyond the landfill property boundary, the owner or operator shall comply with the gas management requirement in Section 2, Part E.

12. Leachate Management.
 - a. The Permittee shall operate the leachate management system (including the collection, removal, storage, and on-site disposal system), and maintain the system as designed, so that leachate is not discharged from the system except as provided for in the Operation Plan.
 - b. Routine inspections and maintenance of the leachate management system shall be conducted in accordance with the schedule established in the Operation Plan.
 - c. The leachate collection pipes shall be cleaned or video inspected at least once every five years.
 - d. The Permittee shall record quantities of leachate collected by the leachate collection and removal system in gallons per day and precipitation at the facility, and shall compare these measurements.

13. Spotters and Operators. This facility shall have the minimum number of spotters present when waste is accepted as specified in the Operation Plan, to be located as specified in the Operation Plan. A trained operator shall be on duty at the landfill at all times when the landfill receives waste. There may be times when ash from the County’s waste to energy plant must be delivered during times when a trained operator is not on duty, in order to address ash storage limitations of the waste to energy plant. The delivery driver shall be familiar with the landfill and its operation. Approved training courses can be found at the following web site: <http://www.treeo.ufl.edu/sw>.

14. Record Keeping Requirements.
 - a. Waste Quantity Records. Waste records shall be compiled monthly, and copies shall be provided to the Department no less than annually by January 31. This information shall be reported to the Department through the DEP Business Portal located at: <http://www.fldepportal.com/go>.
 - b. Estimate of Remaining Life. The Permittee shall submit the annual estimate of the remaining life and capacity by January 31. The report is required by Rule 62-701.500(13)(c), F.A.C. and should be sent to:

Florida Department of Environmental Protection
Solid Waste Program & Permitting
2600 Blair Stone Road, MS 4565
Tallahassee, Florida 32399-2400

and to:

Florida Department of Environmental Protection
South District Office
2295 Victoria Ave, Suite 364
Fort Myers, Florida 33901

In lieu of submitting hard copies, reports may be submitted electronically (Adobe pdf format) by email to appropriate Department personnel or by placing files on the Department’s file transfer protocol (ftp) website. An email must be sent to the

appropriate Department personnel informing them of the location (folder name) of files that have been placed on the ftp site. The ftp website location is: <ftp://ftp.dep.state.fl.us/pub/incoming>. The document "received date" is the date the email is received by Department personnel or the file is placed on the ftp site.

15. Hazardous Waste. If any regulated hazardous wastes are discovered to be deposited at the facility, the facility operator shall promptly notify the Department, the person responsible for shipping the wastes to the facility, and the generator of the wastes, if known. The area where the wastes are deposited shall immediately be cordoned off from public access. If the generator or hauler cannot be identified, the facility operator shall assure the cleanup, transportation, and disposal of the waste at a permitted hazardous waste management facility. In the event that hazardous wastes are discovered they shall be managed in accordance with the procedures provided in facility Operation Plan.
16. Storm Water. Leachate shall not be discharged into the storm water management system. Storm water or other surface water which comes into contact with or mixes with the solid waste or leachate shall be considered leachate and is subject to the requirements of Rule 62-701.500(8), F.A.C. The facility currently has a South Florida Water Management District Surface Water (ERP) Permit No. 26-00541-S.

D. Water Quality Monitoring Requirements

1. Zone of Discharge. The boundary of the zone of discharge shall be no more than one hundred (100) feet from the solid waste disposal unit and the previously existing leachate percolation ponds, or to the facility's property boundary, whichever is less. The boundary of the zone of discharge shall also not extend beyond the base of the water-table (unconfined) aquifer identified in the geotechnical/ hydrogeological study of the construction permit application. The Permittee shall ensure that Class G-II water quality standards will not be exceeded at the boundary of the zone of discharge, per Rule 62-520.420, F.A.C., and that ground water minimum criteria will not be exceeded outside the boundary of the zone of discharge, per Rule 62-701.320(17), F.A.C.
2. Water Quality Monitoring Plan. The Water Quality Monitoring Plan for this permit is included in APPENDIX 3.

E. Gas Management System Requirements

1. Construction Requirement. All construction shall be done in accordance with the approved gas management system design, drawings, and specifications. The Department shall be notified before any changes, other than minor deviations, to the approved design are implemented in order to determine whether a permit modification is required.
 - a. Locations of gas monitoring points are specified in ~~the Appendix 3~~ [Figure 1 Operations Site Plan II-1 Site Plan submitted with the October 2014 application](#).
 - b. ~~The Landfill Gas Monitoring and Management Plan for the entire facility (including the Class I Landfill) is presented in Attachment 2 to the Ash Monofill and Class III Landfill Operation Plan dated April 8, 2018 September 17, 2017. Locations of gas extraction or venting wells proposed to be installed at landfill closure are specified in Drawing C-51 of the February 2004 Application for Phase 2 Expansion.~~

2. Operational Requirements. Gas controls shall be operated and maintained so that they function as designed.
3. Monitoring Requirements. Monitoring for methane gas at the property boundary and within structures on the property shall be performed quarterly to determine the effectiveness of the gas migration controls. The gas monitoring results shall be reported as a percent of the lower explosive limit (LEL), calibrated to methane. The report shall be submitted to the Department under separate cover no later than 15 days after the end of the period in which the monitoring occurred.
4. Gas Remediation Plan. The facility shall be operated to prevent the concentration of combustible gases from exceeding 25% of the lower explosive limit in structures, excluding gas control or recovery components, and from exceeding the lower explosive limit at or beyond the property boundary. If either of these limits is exceeded then a gas remediation plan shall be designed and implemented in accordance with Rule 62-701.530(3)(a), F.A.C
5. Odor Remediation Plan. The facility shall be operated to control objectionable odors. If objectionable odors are confirmed beyond the property boundary then upon notification by the Department the Permittee shall develop and implement an odor remediation plan in accordance with the requirements of Rule 62-701.530(3)(b), F.A.C.

F. Financial Assurance and Cost Estimates

1. Financial Assurance Mechanism. The Permittee may not receive waste for disposal or storage in any disposal unit for which financial assurance has not been approved. Proof that the financial mechanisms are established and funded in accordance with Rule 62-701.630, F.A.C. shall be submitted to the Department at least sixty (60) days prior to the planned acceptance of solid waste in any disposal unit. When established, the Permittee shall maintain, in good standing, the financial assurance mechanisms. Supporting documentation and evidence of increases associated with cost estimate increases shall be submitted within the time frames specified in Rule 62-701.630, F.A.C.

All submittals in response to this specific condition shall be sent to:

Solid Waste Financial Coordinator
Florida Department of Environmental Protection
2600 Blair Stone Road MS 4548
Tallahassee, Florida 32399-2400

and to:

Florida Department of Environmental Protection
South District Office
2295 Victoria Ave, Suite 364
Fort Myers, Florida 33901

2. Cost Estimates.
 - a. The Permittee shall submit closure cost estimates, including annual adjustments for inflation, in accordance with the requirements of Rule 62-701.630(3) and (4), F.A.C., and 40 CFR Part 264.142(a) using Form 62-701.900(28).
 - b. An owner or operator using an escrow account shall submit the annual inflation adjusted estimate(s) between July 1 and September 1. An owner or operator using a letter of credit, guarantee bond, performance bond, financial test, corporate guarantee, trust fund or insurance shall submit the inflation adjusted cost estimate(s) between January 1 and March 1.
 - c. All submittals in response to this specific condition shall be sent to the District Office and a copy to the address identified in Specific Condition F.1. or to the following email address: Solid.Waste.Financial.Coordinator@dep.state.fl.us.

G. Closure Requirements

1. Closure Permit Requirements. Prior to initiating closure of a solid waste disposal unit, or part of a solid waste disposal unit, the Permittee shall receive authorization from the Department in one of the following ways.
 - a. If the landfill is operating under a Department permit that includes a Closure Plan with sufficient detail to provide reasonable assurance of compliance with the closing requirements of Rule 62-701.600, F.A.C., then the Permittee shall notify the Department at least 30 days prior to initiating the closure activities and receive written approval from the Department prior to beginning the work.
 - b. If the landfill is operating under a Department permit that requires substantive changes to the closing activities in the permitted Closure Plan, then the Permittee shall request a modification of the permit to include sufficient design detail to ensure compliance with the closing requirements of Rule 62-701.600, F.A.C., and shall initiate closing only after the permit has been modified.
 - c. The Permittee shall submit an application to the Department for a closure permit on Form 62-701.900(1) and shall initiate closure activities only after the permit is issued. The application shall include a Closure Plan made up of the following:
 - 1) A closure design plan;
 - 2) A closure operation plan;
 - 3) A plan for long-term care; and,
 - 4) A demonstration that proof of financial assurance for long-term care will be provided.
2. Closure Design. All closure construction shall be done in accordance with the approved closure design plan. A revised Closure and Long-Term Care Plan dated January ~~2022~~ 2020, was included as Attachment ~~Q 1 in the Five-Year Submittal Report to the Application for Substantial Modification of Operation permit No. 0130719-018-SO-01 dated January 21 13, 2022~~ 2020 (Appendix 2, Document 4) and is incorporated by reference as the approved Closure Design Plan. The Department shall be notified before any changes, other than minor deviations, to the approved closure design are implemented in order to determine whether a permit modification is required.
3. Closure Operation Plan. All closure shall be done in accordance with the approved closure operation plan.

4. Certification of Closure Construction Completion. After closure construction has been completed, the engineer of record shall certify to the Department on Form 62-701.900(2) that the closure is complete and that it was done in accordance with the plans submitted to the Department except where minor deviation was necessary. All deviations shall be described in detail and the reasons therefore enumerated.
5. List of Closed Units Not in Long-Term Care. There are currently no closed units at this facility.

H. Long Term Care Requirements

There are currently no long term care requirements for this facility.

Operation Permit No. 0130719-018-SO-01 was originally executed in Leon County, Florida, by Tim Bahr, P.G., Program Administrator, Permitting and Compliance Assistance Program, State of Florida Department of Environmental Protection on January 14, 2015.

APPENDIX 1

General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The Permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the Permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The Permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the Permittee shall immediately provide the Department with the following information:
 - (a) A description of and cause of noncompliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The Permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The Permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit or a copy thereof shall be kept at the work site of the permitted activity.

12. The Permittee shall comply with the following:
 - (a) Upon request, the Permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The Permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

- (c) Records of monitoring information shall include:
- 1) the date, exact place, and time of sampling or measurements;
 - 2) the person responsible for performing the sampling or measurements;
 - 3) the dates analyses were performed;
 - 4) the person responsible for performing the analyses;
 - 5) the analytical techniques or methods used;
 - 6) the results of such analyses.
13. When requested by the Department, the Permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the Permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

APPENDIX 2

List of approved documents incorporated into the Permit:

Document 1 - Operation Permit Renewal Application for Permit No. 0130719-010-SO/01, prepared by Lee County SWD, dated October 17, 2014 and received on October 17, 2014. A copy can be found at:

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.216864.1\]&\[profile=Permitting_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.216864.1]&[profile=Permitting_Authorization])

Document 2 – “Approved Operation Plan”, dated January 2020, prepared by Jones Edmunds & Associates, Inc., submitted on January 13, 2020, as part of a 5 Year Submittal. A copy can be found at:

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.307578.1\]&\[profile=Permitting_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.307578.1]&[profile=Permitting_Authorization])

Document 3 – “Approved Closure Design Plan”, dated January 2020, prepared by Jones Edmunds & Associates, Inc., submitted as part of a 5 Year Submittal. A copy can be found at:

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.307577.1\]&\[profile=Permitting_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.307577.1]&[profile=Permitting_Authorization])

Document 4 - Application for Substantial Modification of Permit Number 0130719-018-SO-01 and New Construction Permit. Prepared by HDR Engineering Inc., dated January 21, 2022 and received January 24, 2022. A copy can be found at:

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.334961.1\]&\[profile=Permitting_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.334961.1]&[profile=Permitting_Authorization])

Document 5 – “Approved Operation Plan”, dated April 2022, prepared by Jones Edmunds & Associates, Inc., and revised by HDR. Received on April 15, 2022. A copy can be found at:

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.338515.1\]&\[profile=Permitting_Authorization\]](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.338515.1]&[profile=Permitting_Authorization])

Appendix 3

WATER QUALITY MONITORING PLAN

Lee Hendry County Regional Solid Waste Disposal Facility

PERMIT NO: 01301719-018-SO-01
WACS FACILITY ID: 00074766
PERMIT DATE: January 13, 2015

I. GENERAL

1. The field testing, sample collection and preservation and laboratory testing, including quality control procedures, shall be in accordance with Chapter 62-160, F.A.C. Approved methods as published by the Department or as published in Standard Methods, ASTM, or EPA Methods shall be used. **[62-701.510(2)(b), F.A.C.]**
2. The organization collecting samples at this site must use the Field and Laboratory Standard Operating Procedures (DEP-SOP-001/01) referenced in Chapter 62-160, F.A.C. The laboratory designated to conduct the chemical analyses must be certified by the Florida Department of Health Environmental Laboratory Certification Program (DOH ELCP). This Certification must be for the test method and analyte(s) that are reported. **[62-160.210(1), 62-160.300(1), 62-701.510(2)(b), F.A.C. and DEP SOP FS 1008.]**

NOTE: DEP-SOP-001/01 can be accessed at:
<http://www.dep.state.fl.us/water/sas/sop/sops.htm>

3. The Permittee must ensure that the analytical laboratory conducting the analyses uses analytical methods capable of achieving detection limits at or below the Groundwater Cleanup Target Levels (GCTLs) or the Freshwater Surface Water Cleanup Target Levels (SWCTLs) in Table I, Chapter 62-777, F.A.C. except those listed in Table C of the "FDEP Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits dated 10/12/2004". GCTLs and SWCTLs that are not water quality standards are used as screening tools and interim guidelines for ground water minimum criteria until standards are promulgated. **[DEP SOP FM 1000]**
4. If, at any time, analyses detect parameters which are significantly above background water quality, or which are at levels above the Department's water quality standards or criteria specified in Chapter 62-520, F.A.C., in the detection wells or at the edge of the Zone of Discharge, the Permittee may confirm the data by resampling the affected wells within thirty (30) days of receipt of the sampling data. Should the Permittee choose not to resample, the Department will consider the water quality analysis as representative of current ground water conditions at the facility. If the data is confirmed, or if the Permittee chooses not to resample, the Permittee shall notify the Department within 14 days of this finding. **[62-701.510(6)(a), F.A.C.]**

If the resampling event detects parameters which are significantly above background water quality, or which are at levels above the Department's water quality standards or criteria specified in Chapter 62-520, F.A.C., the Permittee shall notify the Department in writing

within 14 days of receipt of the sampling data. Confirmed data must be submitted to the Department within 60 days from completion of lab analyses, unless a different due date is approved. [62-701.510(8)(a), F.A.C.]

Note: For confirmation samples, the ADaPT field Electronic Data Deliverable (EDD) should include “CONF” (for confirmation data) in the report type column.

Upon notification by the Department, the Permittee shall initiate evaluation monitoring in accordance with Rule 62-701.510(6)(a), F.A.C.

II. GROUND WATER QUALITY MONITORING

1. The ~~18~~ ~~23~~ ground water monitoring wells included in this monitoring plan are listed in Table 1 and shown on Figure 1. [62-701.510(3)(d)2 & 3, F.A.C.]
2. Any initial sample collected from a new ground water monitoring well, unless the new monitoring well is installed to replace an existing well within the monitoring network, shall be analyzed for the following Initial Ground Water Monitoring Parameters. [62-701.510(5)(b), F.A.C.]

Initial Well Installation Sampling Parameters

Field Parameters	Laboratory Parameters
.Static water level in wells before purging	Ammonia – N, Total
Dissolved oxygen	Chlorides
pH	Iron
Specific conductivity	Nitrate
Temperature	Sodium
Turbidity	Total dissolved solids (TDS)
Color and sheen (by observation)	Those parameters listed in 40 CFR Part 258, Appendix II.*

* Mercury not listed because it is included in Appendix II.
 * Appendix I is not listed because it is a subset of Appendix II

3. The ~~7~~ ~~44~~ active shallow monitoring wells for the landfill shall be routinely sampled and analyzed semi-annually in March and September for the following ground water monitoring parameters. [62-701.510(5)(c) & (7)(a), F.A.C.]

Semi-Annual Sampling Parameters

Field Parameters	Laboratory Parameters
Static water level in wells before purging	Ammonia – N, Total
Dissolved oxygen	Chlorides
pH	Iron
Specific conductivity	Mercury
Temperature	Nitrate
Turbidity	Sodium
Color and sheen (by observation)	Total dissolved solids (TDS)
	Those parameters listed in 40 CFR Part 258 Appendix I

4. The ~~11~~ ~~42~~ deep surficial (Sandstone Aquifer) wells shall be measured for water levels during the semiannual sampling events (designated as piezometers in Table 1).
5. All water quality analyses will be performed on unfiltered samples unless approved by the Department.

III. SURFACE WATER MONITORING

1. No surface water monitoring is required by this permit. Surface water monitoring is implemented in accordance with an environmental resource permit (ERP) issued by the South Florida Water Management District (Permit No. 26-00541-S).

IV. MONITORING WELL REQUIREMENTS

1. If a monitoring well or piezometer becomes damaged or inoperable, the Permittee shall notify the Department within two (2) days of discovery with a written report within ten (10) days of notice. The written report shall describe what problem has occurred and the remedial measures that have been taken to prevent a recurrence. The Department can require the replacement of inoperable monitoring wells or piezometers. **[62-520.600(6)(I), F.A.C.]**
2. New or replacement monitoring well design or placement must be approved by the Department. The design and construction of these wells must be based on site-specific borings with appropriate supporting data such as grain size distribution analyses, in-situ hydraulic conductivity testing, and depth to water. Wells shall be installed using standard, accepted practices for well construction. **[62-701.510(3), F.A.C. and 62-520.600(3) and (6), F.A.C.]**
3. All wells and piezometers shall be clearly and permanently labeled and the well site maintained so that the well is visible at all times. Unless otherwise authorized in a Department permit, new monitoring wells, and existing monitoring wells at the time of permit renewal, shall have protective bollards or other devices installed around them if they are located in areas of high traffic flow to prevent damage from passing vehicles. **[62-701.510(3)(d)5, F.A.C.]**
4. The Department shall be notified in writing before any monitoring wells are abandoned or plugged. Wells shall be abandoned using standard, accepted practices for well abandonment. **[62-701.510(3)(d)6, F.A.C.]**

V. REPORTING REQUIREMENTS

A. FIELD ACTIVITIES

1. The Department must be notified in writing, hard copy or e-mail, at least fourteen (14) days prior to sampling of any monitoring well(s) so that the Department may collect split samples. **[62-701.510(8)(a), F.A.C.]**

B. MONITORING WELL COMPLETION REPORT

2. One (1) electronic copy (Adobe pdf format) of the Monitoring Well Completion Report, Form 62-701.900(30), along with well construction diagrams and soil boring logs that cover the entire depth of the monitoring well(s), must be submitted to the Department within thirty (30) days after installation of any new or replacement monitoring well(s). **[62-701.510(3)(d)1 and 62-520.600(6)(j), F.A.C.]**

NOTE: The top of casing elevation of each well, to the nearest 0.01 feet, and the latitude and longitude of each well in degrees, minutes and seconds, to two (2) decimal places, must be determined and certified by a Florida Licensed Surveyor and Mapper and provided on the form. **[62-701.510(3)(d)1 & 62-520.600(6)(i), F.A.C.]**

C. SURVEYING

3. One (1) electronic copy (Adobe pdf format) of a site map depicting all newly installed and existing monitoring wells must be submitted to the Department within sixty (60) days following monitoring well installation, and at permit renewal. A table of all wells that includes the WACS identification number, well status (active, inactive, abandoned), latitude/longitude location, top of casing elevation (NGVD), well screen interval, and total depth, should be included with the site map. **[62-701.510(1)(c) & (3)(d)1, and 62-520.600(6)(i), F.A.C.]**
4. If a monitoring well is being replaced or new wells are being added to an existing ground water monitoring plan, only the new wells need to be surveyed as long as all other monitoring wells in the monitoring plan have been surveyed and certified by a Florida Licensed Surveyor and Mapper and there is no reason to believe that the elevations have changed. The location and elevation determinations and the certification must be provided with the Monitoring Well Completion Report upon completion of each new well. **[62-701.510(3)(d)1, F.A.C.]**

D. DEPTH MEASUREMENTS

5. A total depth measurement must be made on each well at time of the Technical Report or every five years. This measurement is to be reported as total apparent depth below ground surface and should be compared to the original total depth of the well.

E. INITIAL AND SEMI-ANNUAL SAMPLING AND SUBMITTING ELECTRONIC DATA

6. Required monitoring reports must be submitted to the Department within sixty (60) days from completion of laboratory analyses and shall follow the Department's electronic reporting requirements using the ADaPT software. **[Rule 62-701.510(8)(a), F.A.C.]**
7. Required water quality monitoring reports and analytical results shall be submitted electronically. Water quality monitoring reports shall be submitted in Adobe pdf format. The water quality data Electronic Data Deliverable (EDD) shall be provided to the Department in a comma separated text file electronic format consistent with requirements for importing the data into the Department's databases as summarized at:

<http://www.dep.state.fl.us/waste/categories/shw/pages/ADaPT.htm>. Water quality monitoring reports shall be signed and sealed by a Florida registered professional geologist or professional engineer with experience in hydrogeological investigations and shall include the following:

- a) Cover letter;
- b) Summary of exceedances and recommendations;
- c) Ground water contour maps;
- d) Chain of custody forms;
- e) Water levels, water elevation table;
- f) Water Quality Monitoring Certification using Form Rule 62-701.900(31), F.A.C.;
- g) Appropriate information using the Groundwater Sampling Log, Form FD 9000-24 (DEP-SOP-001/01); and,
- h) Laboratory and Field EDDs and error logs, as applicable.

All submittals in response to this specific condition shall be sent both to:

Florida Department of Environmental Protection South District Office 2295 Victoria Ave, Suite 364 Fort Myers, Florida 33901	Florida Department of Environmental Protection Solid Waste Program & Permitting 2600 Blair Stone Road, MS 4565 Tallahassee, Florida, 32399-2400
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Reports may be submitted electronically (Adobe pdf format) by email to appropriate Department personnel or by placing files on the Department’s file transfer protocol (ftp) website. An email must be sent to the appropriate Department personnel informing them of the location (folder name) of files that have been placed on the ftp site. The ftp website location is: <ftp://ftp.dep.state.fl.us/pub/incoming>. The document “received date” is the date the email is received by Department personnel or the file is placed on the ftp site.

F. WATER ELEVATIONS

- 8. Water elevations in all monitoring wells, whether sampled or not, and all piezometers must be measured to the nearest 0.01 foot and reported semi-annually. These measurements should be reported in a table that includes the well name, date of measurement, measuring point elevation referenced to a nationally recognized datum (such as NGVD 1929 or NAVD 1988), depth to water and calculated water level elevation referenced to the same nationally recognized datum. Water elevation measurements associated with sampling events shall be reported in the ADaPT data files for the upload into WACS. **[62-701.510(8)(a)8, F.A.C.]**

G. GROUND WATER CONTOUR MAPS

- 9. Ground water elevation contour maps for each monitored aquifer zone must be submitted semi-annually to the Department. The contours intervals should be no greater than one foot unless site specific conditions dictate otherwise. Water elevation contour map(s) must be developed from water elevation measurements made within the same 24-hour period and should include monitoring well and piezometer locations, ground water elevation at each monitoring well or piezometer location referenced to a nationally recognized vertical datum (such as NGVD 1929 or NAVD 1988), a bar scale, north arrow, ground water contour interval, date of measurement and ground water flow direction. These maps shall be signed

and sealed pursuant to Florida Statutes (F.S.) Chapters 471 and 492 which require that documents requiring the practice of professional engineering or professional geology, as described in Chapter 471 or 492, F.S., be signed and sealed by the professional(s) who prepared or approved them. **[62-701.510(8)(a)9, F.A.C.]**

H. TECHNICAL REPORT

10. A technical report, signed and sealed by a professional geologist or professional engineer with experience in hydrogeologic investigations, shall be submitted to the Department approximately every two and one-half years during the active life of the facility, and every five years during the long-term care period. The report shall summarize and interpret the water quality monitoring results and water level measurements collected since the last Technical Report. The report shall contain, at a minimum, the following **[62-701.510(8)(b), F.A.C.]**:
 - a) Tabular displays of any data which shows that a monitoring parameter has been detected, and graphical displays of any leachate key indicator parameters detected (such as pH, specific conductance, TDS, TOC, sulfate, chloride, sodium and iron), including hydrographs for all monitor wells;
 - b) Trend analyses of any monitoring parameters consistently detected;
 - c) Comparisons among shallow, middle, and deep zone wells;
 - d) Comparisons between background water quality and the water quality in detection and compliance wells;
 - e) Correlations between related parameters such as total dissolved solids and specific conductance;
 - f) Discussion of erratic and/or poorly correlated data;
 - g) An interpretation of the ground water contour maps, including an evaluation of ground water flow rates; and
 - h) An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based upon site conditions.

11. One electronic copy (Adobe pdf format) of the Technical Report shall be submitted to the Department on the following schedule: **[62-701.510(8)(b), F.A.C.]**

Report	Sampling Periods Covered	Number Of Semi-Annual Sampling Events in Report	Date Technical Report Due
1	Second Semi-Annual 2013 through Second Semi-Annual 2015	5	2/1/2016
2	First Semi-Annual 2016 through First Semi-Annual 2018	5	8/1/2018
3	Second Semi-Annual 2018 through Second Semi-Annual 2020	5	2/1/2021
4	First Semi-Annual 2021 through First Semi-Annual 2023	5	8/1/2023
5	Second Semi-Annual 2023 through Second Semi-Annual 2025	5	2/1/2026
6	First Semi-Annual 2026 through First Semi-Annual 2028	5	8/1/2028
7	Second Semi-Annual 2028 through Second Semi-Annual 2030	5	2/1/2031
8	First Semi-Annual 2031 through First Semi-Annual 2033	5	8/1/2033

List of Attachments

Table 1 – Water Quality Sampling Testsite Information
Figure 1 – Ground Water Monitoring Locations Map

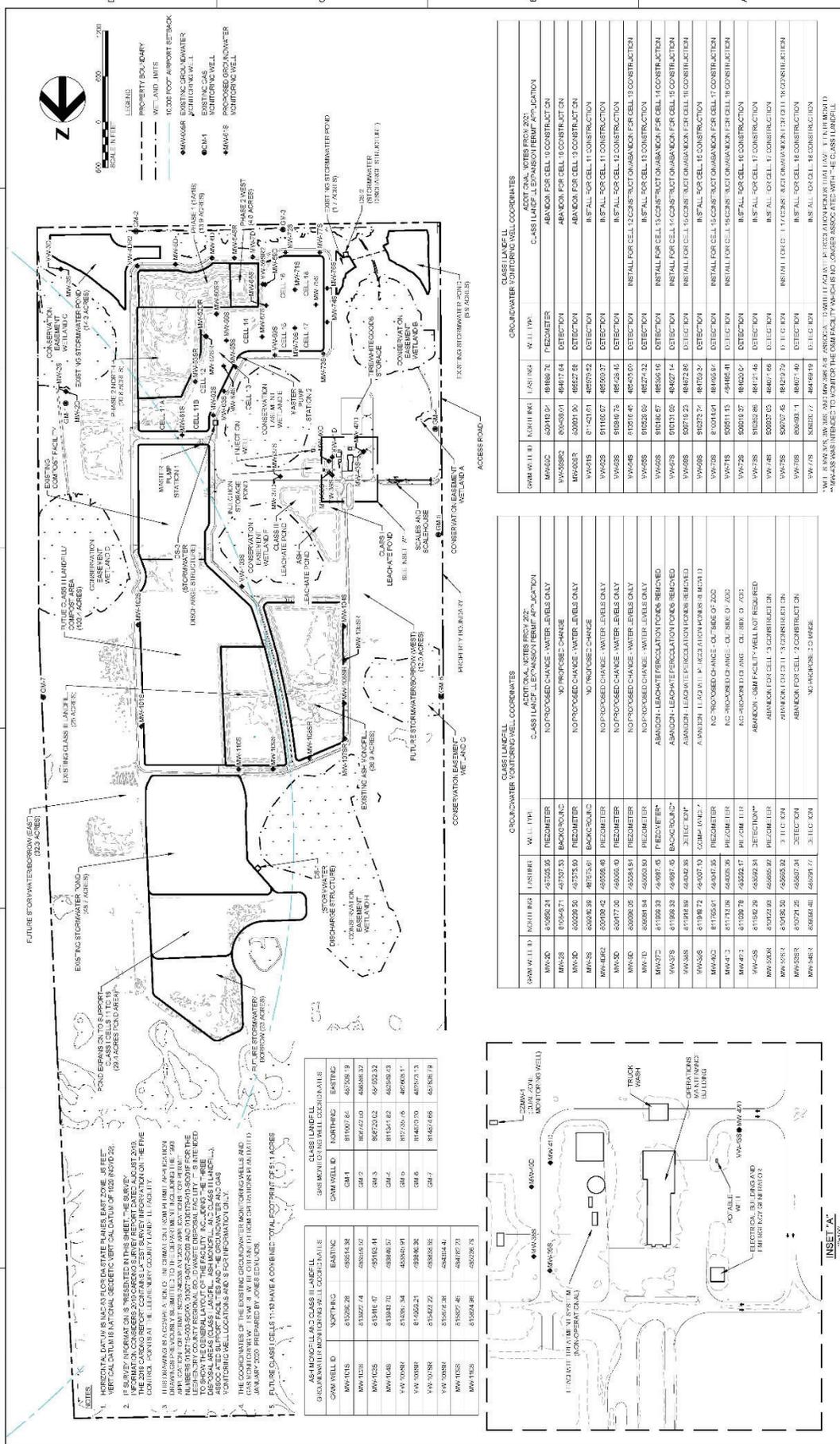
Table 1 – Water Quality Sampling Testsite Information

Testsite Name	Testsite WACS No.	Designation	Aquifer
Ground Water Sampling Sites			
MW-2S	20920	Background	Shallow Surficial
MW-3S	20922	Background	Shallow Surficial
MW-37S	20924	Background (Leachate Pond)*	Shallow Surficial
MW-38S	20936	Detection (Leachate Pond)*	Shallow Surficial
MW-39S	20938	Compliance (Leachate Pond)*	Shallow Surficial
MW-43S	20941	Detection (O&M Facility)	Shallow Surficial
MW-52SR ^a	23718	Detection	Shallow Surficial
MW-53SR ^b	23720	Detection	Shallow Surficial
MW-54SR	23721	Detection	Shallow Surficial
MW-59SR2 ^c	23716	Detection	Shallow Surficial
MW-60SR ^a	23717	Detection	Shallow Surficial
<u>MW-61S^d</u>	<u>31085</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-62S^d</u>	<u>31086</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-63S^e</u>	<u>31087</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-64S^{e,a}</u>	<u>31088</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-65S^f</u>	<u>31089</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-66S^{f,g}</u>	<u>31090</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-67S^{h,i}</u>	<u>31091</u>	<u>Detection</u>	<u>Shallow Surficial</u>
<u>MW-68S^{j,c}</u>	<u>31092</u>	<u>Detection</u>	<u>Shallow Surficial</u>

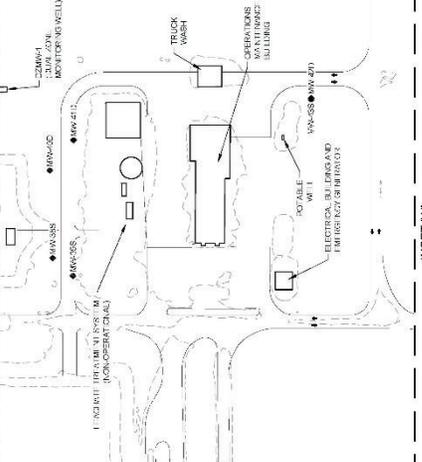
<u>MW-69S^j</u>	<u>31093</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-70S^{j,k}</u>	<u>31094</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-71S^{m,l}</u>	<u>31095</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-72S^m</u>	<u>31096</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-73Sⁿ</u>	<u>31097</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-74Sⁿ</u>	<u>31098</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-75S^{n,l}</u>	<u>31099</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-76S^o</u>	<u>31100</u>	<u>Detection</u>		<u>Shallow Surficial</u>
<u>MW-77S^o</u>	<u>31101</u>	<u>Detection</u>		<u>Shallow Surficial</u>
MW-2D	20921	Piezometer		Deeper Surficial
MW-3D	20923	Piezometer		Deeper Surficial
MW-4DR2	23715	Piezometer		Deeper Surficial
MW-5D	20927	Piezometer		Deeper Surficial
MW-6D	20928	Piezometer		Deeper Surficial
MW-7D	20929	Piezometer		Deeper Surficial
MW-37D	20925	Piezometer		Deeper Surficial
MW40D	20937	Piezometer		Deeper Surficial
MW-42D	20940	Piezometer		Deeper Surficial
MW-41D	20939	Piezometer		Deeper Surficial
MW-52DR^a	23719	Piezometer		Deeper Surficial
MW-59D^c	20933	Piezometer		Deeper Surficial

Scheduling Notes:

- a = to be abandoned at least 30 days prior to the construction of Cell 13
- b = to be abandoned at least 30 days prior to the construction of Cell 12
- c = to be abandoned at least 30 days prior to the construction of Cell 16
- d = to be installed at least 30 days prior to disposal of waste in Cell 11
- e = to be installed at least 30 days prior to disposal of waste in Cell 12
- f = to be installed at least 30 days prior to disposal of waste in Cell 13
- g = to be abandoned at least 30 days prior to the construction of Cell 14
- h = to be installed at least 30 days prior to disposal of waste in Cell 14
- i = to be abandoned at least 30 days prior to the construction of Cell 15
- j = to be installed at least 30 days prior to disposal of waste in Cell 15
- k = to be abandoned at least 30 days prior to the construction of Cell 17
- l = to be abandoned at least 30 days prior to the construction of Cell 18
- m = to be installed at least 30 days prior to disposal of waste in Cell 16
- n = to be installed at least 30 days prior to disposal of waste in Cell 17
- o = to be installed at least 30 days prior to disposal of waste in Cell 18



CLASS II MSW LANDFILL		SHS MONITORING WELL COORDINATES	
CELL ID	EASTING	NORTHING	EASTING
MW-101S	815072.28	858514.38	857508.19
MW-102S	815072.47	858518.02	858008.37
MW-103S	815116.17	858102.41	857202.02
MW-104S	815142.72	858208.03	857515.82
MW-105S	815186.54	858208.03	857515.82
MW-106S	815229.21	858208.03	857515.82
MW-107S	815271.88	858208.03	857515.82
MW-108S	815314.55	858208.03	857515.82
MW-109S	815357.22	858208.03	857515.82
MW-110S	815400.00	858208.03	857515.82



CELL ID	DATE	DESCRIPTION	STATUS
MW-101S	01/15/2020	INSTALL FOR CELL 101 CONSTRUCTION	CONSTRUCTION
MW-102S	01/15/2020	INSTALL FOR CELL 102 CONSTRUCTION	CONSTRUCTION
MW-103S	01/15/2020	INSTALL FOR CELL 103 CONSTRUCTION	CONSTRUCTION
MW-104S	01/15/2020	INSTALL FOR CELL 104 CONSTRUCTION	CONSTRUCTION
MW-105S	01/15/2020	INSTALL FOR CELL 105 CONSTRUCTION	CONSTRUCTION
MW-106S	01/15/2020	INSTALL FOR CELL 106 CONSTRUCTION	CONSTRUCTION
MW-107S	01/15/2020	INSTALL FOR CELL 107 CONSTRUCTION	CONSTRUCTION
MW-108S	01/15/2020	INSTALL FOR CELL 108 CONSTRUCTION	CONSTRUCTION
MW-109S	01/15/2020	INSTALL FOR CELL 109 CONSTRUCTION	CONSTRUCTION
MW-110S	01/15/2020	INSTALL FOR CELL 110 CONSTRUCTION	CONSTRUCTION

OPERATIONS SITE PLAN

LEE/HENDRY COUNTY LANDFILL
 CLASS II MSW LANDFILL
 LEE COUNTY, FLORIDA

PROJECT NUMBER: 14330229

ISSUE DATE DESCRIPTION

SCALE: 1" = 600'

FIGURE 1: OPERATIONS SITE PLAN

VERTICAL DATUM IS MCG 84 SEA LEVEL. HORIZONTAL DATUM IS NAD 83. ALL COORDINATES ARE IN METERS. THE DATE OF THIS PLAN IS 01/15/2020. THE DATE OF THE PREVIOUS PLAN IS 01/15/2020. THE DATE OF THE PREVIOUS PLAN IS 01/15/2020. THE DATE OF THE PREVIOUS PLAN IS 01/15/2020.

PERMITTEE NAME: Lee County Solid Waste Division
FACILITY NAME: Lee/Hendry County Regional Solid Waste Disposal Facility

PERMIT NO.: 0130719-018-SO-01
WACS Facility ID: 74766

ATTACHMENT 1 – Facility Permit History

DATE	DESCRIPTION
December 17, 2009	0130719-010-SO; operation permit renewal
January 14, 2011	0130719-011-IM; Intermediate Mod for revised leachate collection and storage system
December 6, 2012	0130719-012-MM; Minor Mod for revised Operations Plan and Ground Water Monitoring Plan
February 13, 2013	0130719-015-MM; Minor Mod for revised Operations Plan and Ground Water Monitoring Plan
January 14, 2015	0130719-018-SO-01; operation permit renewal
January 23, 2020	0130719-022-SO-MM; minor modification for changes identified in the 5-Year Submittal dated January 13, 2020.
<u>June 2, 2022</u>	<u>0130719-023-SO-MM; Minor Modification for revised Operations Plan and Ground Water Monitoring Plan</u>