



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

December 17, 2021

E-mail

RMontgomery@volusia.org

In the Matter of an
Application for Permit by:
Volusia County Solid Waste Division
1990 Tomoka Farms Road
Port Orange, Florida 32128

Volusia County
WACS # 27540
Tomoka Farms Road Landfill

Attention: Ms. Regina Montgomery

DEP File No: 0078767-044-SO-IM

This is the Department's Intent to Issue Permit Modification No.0078767-044-SO-IM to Permit No.0078767-030-SO-01. Enclosed with the Intent to Issue is a Draft Modified Permit for the project and file number noted above. Please contact the Tallahassee office of the Department's Solid Waste Program at 850-245-8707 if you have any questions or need further information.

INTENT TO ISSUE – PERMIT MODIFICATION

The Department of Environmental Protection gives notice of its intent to issue a permit modification (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Ms. Regina Montgomery, applied on November 19, 2021 to the Department of Environmental Protection, for a permit modification to modify the closure sequence and stormwater management system for a facility located at 1990 Tomoka Farms Road, Port Orange, FL 32128.

The Department has permitting jurisdiction under Section 403.707(1), Florida Statutes (F.S.) and Chapters 62-4 and 62-701, Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that an operations permit modification is required.

Pursuant to Section 403.815, F.S., you are required to publish at your own expense the enclosed Notice of Proposed Agency Action. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the

county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit modification. If you are uncertain that a newspaper meets these requirements, please contact the Department at the following address or telephone number.

You must provide proof of publication to the Department at the following address as soon as practical after publication. This address and phone number are: Department of Environmental Protection, Solid Waste Section, 2600 Blair Stone Road, Mail Station 4565, Tallahassee, Florida 32317, phone: 850-245-8707.

NOTICE OF RIGHTS

The Department will issue the permit modification 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 hearing process may result in a modification of the agency action or even denial of the application.

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, 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, 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 **14** 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 **14** days of publication of the notice or within **14** days of receipt of the written notice, whichever occurs first. 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, 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.

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

Attachment(s):

1. Draft Permit No. 0078767-044-SO-IM

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:

Shane Fischer, P.E., SCS Engineers, sfischer@scsengineers.com

Bret Labram, Volusia County, blabram@volusia.org

Jeremy Hart, P.G., DEP Solid Waste, Jeremy.R.Hart@FloridaDEP.gov

El Kromhout, P.G., DEP Solid Waste, Elizabeth.Kromhout@FloridaDEP.gov
[Central District, DEP_CD@FloridaDEP.gov](mailto:Central.District,DEP_CD@FloridaDEP.gov)

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.

Clerk

Date

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION NOTICE OF PROPOSED
AGENCY ACTION

The Department of Environmental Protection gives Notice of its Intent to modify a Solid Waste Operation Permit to Volusia County Solid Waste Division at 1990 Tomoka Farms Road, Port Orange, Florida 32128. The permit modification includes revisions to the closure sequence and stormwater management system. The Department has assigned File Number(s) 0078767-044-SO-IM to this project.

The Department's file on this matter is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Solid Waste Section, 2600 Blair Stone road, Tallahassee, Florida 32317, phone 850-245-8707. Documents are also available at the following link: http://appprod.dep.state.fl.us/WWW_WACS/REPORTS/SW_Facility_Docs.asp?wacsid=27540

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- (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
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Mediation

Mediation is not available in this proceeding.



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803-3767

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Permit Issued to:

Volusia County Solid Waste Division
3151 East New York Ave.
DeLand, Florida
(386) 943-7889

WACS Facility ID No.: 27540
Tomoka Farms Road Landfill – North Cell Class I
1990 Tomoka Farms Road
Port Orange, Volusia County, Florida

Contact Person:

Regina Montgomery, Director
rmontgomery@volusia.org

Solid Waste Operation Permit – Landfill

Permit No.: 0078767-030-SO-01
Permit Modification No.: 0078767-031-SO-MM
Permit Modification No.: 0078767-032-SO-MM
Permit Modification No.: 0078767-033-SO-MM
Permit Modification No.: 0078767-036-SO-MM
Permit Modification No.: 0078767-037-SO-MM
Permit Modification No.: 0078767-043-SO-MM
Permit Modification No.: 0078767-044-SO-IM

Permit Issued: June 28, 2013
Permit Renewal Application Due Date: 03/13/2033
Permit Expires: 05/13/2033

Permitting Authority

Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd., Ste 232
Orlando, Florida 32803
407-897-4100
DEP_CD@dep.state.fl.us

SECTION 1 - SUMMARY INFORMATION

A. Authorization

The permittee is hereby authorized to operate the facility 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, Florida Administrative Code 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

The facility is located at 1990 Tomoka Farms Road, Port Orange, in Section 09, Township 16S, Range 32E, in Volusia County, Florida (Latitude 29° 7' 42.27" and Longitude 81° 4' 54.49").

C. Facility Description

The permittee is hereby authorized for the following operations:

- To continue disposal operations at the Tomoka Farms Road Landfill, North Cell Class I disposal area. Solid waste has been disposed of at the Tomoka Landfill site since 1969. The landfill receives residential, commercial, agricultural and industrial waste.
- The contiguous North Cell, Class I disposal area is comprised of the North Cell Phase I Expansion (65.64 acres), the North Cell Phase II Expansion (12.2 acres), and the North Cell Phase III Expansion (12.83 acres). Phase I is divided into Areas 1 and 2; Phase II is comprised of Areas 3 (12.2 acres) and Phase III is comprised of Area 4 (12.83 acres). The total disposal area of the North Cell, Class I Landfill is 90.67 acres.
- The facility is authorized for waste disposal in the North Cell Phase I, Areas 1 and 2 (65.64 acres), in the North Cell Phase II, Area 3 (12.2 acres), and in the North Cell Phase III, Area 4 (12.83 acres). Disposal in the Phase I, Areas 1 and 2 was authorized on January 31, 2006 in FDEP letter OCD-SW-06-0047.

- The North Cell has an active landfill gas collection system (LGCS). The LGCS is installed in phases per the approved design to control air emissions, odor and migration of methane. The phased construction will include installation of additional horizontal collectors, vertical wells, laterals, and associated piping.
- To perform sequential partial closure activities at the North Cell, Class I Landfill as portions reach permitted final grade.
- To continue post-closure care of the South Cell, Class I Landfill. The 30-year long-term care period has not begun because the South Cell water quality cannot be monitored separately from the North Cell.
- The facility is authorized to operate a waste tire site as part of this permit. It also operates a Household Hazardous Waste (HHW) collection center and a white goods storage area at the facility. All are outside of the permitted footprint of the North Cell, Class I Landfill.

The following is additional information about the facility:

- Major features of the Class I, North Cell shared with the overall facility include site fencing and security, a scale house, a household hazardous waste facility, a tire and white goods facility, a Class III landfill (Permit Number 0078767-034-SO-T3 expiration date 9/24/2024), equipment maintenance facilities, ground water monitoring, borrow pits and administration facilities.
- At the North Cell, leachate is collected via the leachate collection system. The leachate is stored in the north surface impoundment which is then pumped to the on-site leachate sequential batch reactor (SBR). The leachate is treated and then used on site for dust control or transmitted to a 26-acre on-site spray irrigation field (IWP No. 64-FLA66356).
- The project incorporates a site-wide ground water and surface water monitoring plan included as APPENDIX 3. The Zone of Discharge for the facility is shown in Figure 1 as Attachment B of the MPIS.
- Household Hazardous Waste (HHW) – A HHW collection center is located at the facility. The collection center minimizes the quantities of these materials from being disposed in the landfill. The HHW center shall operate in accordance with Section 403.7265, F.S., addressing the need for local governments to establish local hazardous waste management programs and local collection centers throughout the state. The HHW collection center is operated for the collection of household hazardous waste and does not accept waste from small businesses. The HHW materials are removed by an independent contractor for proper disposal twice a year or when the storage facility reaches 75% of its capacity.

- Citizen’s Convenience Center - A Citizen’s Convenience Center is located at the facility outside of the permitted footprint of the North Cell, Class I Landfill. The Convenience Center serves as a drop off point for residents. The Center only accepts household waste, which may include yard trash. All waste which may produce leachate is containerized. The Citizen’s Convenience Center will be run in accordance with APPENDIX C of the approved Operation Plan.

D. Appendices Made Part of This Permit

APPENDIX 1 - General Conditions

APPENDIX 2 – List of Documents Incorporated into this Permit

APPENDIX 3 – Water Quality Monitoring Plan

E. Attachments for Informational Purposes Only

ATTACHMENT 1 - Time Sensitive Action Chart - If any of the time deadlines in the Time Sensitive Action Chart are inconsistent with the time deadlines in the permit conditions, the time deadlines in the permit condition shall be followed.

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., 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
 - a. The facility has a Title V permit #1270117-011AV. It expires on May 23, 2021. The facility must comply with its air permit and all applicable air requirements.
 - b. Consult with the Division of Air Resource Management, Department of Environmental Protection, Mail Station 5500, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, regarding any air permitting requirements.
6. Permit Fees. The total permit fee required for this permit is \$40,000. The applicant has elected to pay this fee in installments in accordance with Rule 62-701.315(13), F.A.C., and submitted a fee of \$10,000 with this application. No later than May 13, 2018, May 13, 2023 and May 13, 2028 the permittee shall submit to the Department an installment payment of this fee in the amount of \$10,000. This fee is due to 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 include with the transfer application a signed agreement from the proposed transferee to accept responsibility for the remainder of the permit fee due.
7. 5 Year Submittal Report. No later than May 13, 2018, May 13, 2023, and May 13, 2028 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.
 - e. An updated site plan or topographic survey if current conditions at the facility are not reflected in the existing plan.

B. Construction Requirements

1. Construction Authorized. This permit does not authorize any bottom liner construction activities.
 - a. 0078767-041-SC-01 (expiration date 7/20/2023) authorizes the construction of North Cell, Phase III Area 4, Class I Disposal Area (approximately 12.83 acres).
 - b. Landfill Gas Collection System (LGCS) construction activities are outlined in Section 2.E below and partial closure construction activities are outlined in Section 2.G below.

C. Operation Requirements

1. General Operating Requirements. The permittee shall operate the landfill in accordance with the most recently approved Operation Plan (dated ~~June 2020~~ November 2021) Appendix 2, Document ~~40~~ 42. 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 the facility and shall be accessible to landfill operators.
3. Authorized Waste Types. The North Cell, Class I Landfill 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.
 - 2) Commercial waste
 - 3) Water treatment sludge
 - 4) Industrial waste
 - 5) Shredded/cut tires.
 - 6) Agricultural waste
 - 7) Industrial sludge
 - 8) Domestic sludge
 - b. Other wastes specifically authorized for disposal at the North Cell, Class I Landfill:
 - 1) Asbestos
 - c. Other wastes authorized to be handled at the facility but not authorized for disposal at the North Cell, Class I Landfill:
 - 1) Waste tires – The facility may operate a waste tire site in accordance with the Waste Tire Rule, Chapter 62-711, F.A.C.
 - 2) White goods – The white goods storage area shall be policed on a daily basis to insure white goods are properly stored and handled. An independent contractor is used on an “as needed” basis to transport these materials off-site for recycling.
4. Unauthorized Waste Types. The North Cell, Class I Landfill is not authorized to accept, process, or dispose any waste types not listed in C.3 above. 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 final (maximum) elevation of the North Cell, Class I Landfill shall not exceed 193 feet NGVD as shown on Drawing 3 06, Final Cover / Closure Site Plan, reference ± 41, APPENDIX 2.

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:

Cover shall be applied as follows:

- a. Initial Cover: Initial cover shall be applied at the end of each working day unless waste will be placed in the area within 18 hours in which case a temporary cover may be used, Rule 62-701.500(7)(e)2, F.A.C. A mixture of clean soil and vegetative waste (mulched yard trash and land clearing debris) may be used for initial cover, when available. This mixture may contain no more than 50% by volume of mulched vegetative waste.
- b. Alternate initial cover material not identified herein shall be approved by the Department prior to use at the facility. Alternate initial cover materials approved for use at this facility are:
 - A mixture of clean soil, mulch, and inert glass cullet containing no more than 10% by volume of glass cullet. The mixture containing glass cullet is limited to interior areas of the landfill away from the outside slopes.
- c. Intermediate Cover: Stabilization of the fill areas using intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion. All or part of the intermediate cover may be removed prior to placing additional waste or installing final cover, Rule 62-701.500(7)(f), F.A.C.

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 Central District at (407) 897-4100.
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 treatment systems), 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.
 - c. The leachate collection pipes shall be cleaned or video inspected at least once every five years. A summary of the results shall be submitted to the Department.
 - d. The permittee shall record quantities of leachate generated on a weekly basis in gal/week, shall record precipitation at the facility, and shall compare these measurements. The information shall be included in the operating record.
 - e. Recirculation: Leachate may be recirculated in accordance with the Operation Plan. Leachate may only be recirculated on inside slopes of areas of the landfill which have not undergone final closure.
 - f. Leachate Collection and Detection System Repairs. As described in reference 1, APPENDIX 2, retrofits of leachate sumps 1, 2, 3, 4, 5, and 6 have been completed.
 - g. Leachate Quantity Analysis Report. The permittee shall annually provide the Department a graphical representation of the monthly leachate generation rate for each of the 6 pumps and an analysis of the data. Any significant drop in leachate generation shall be explained or the root cause determined. The report must be submitted not later than January 31 following the reporting year.
13. Spotters and Operators. The 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 facility at all times the facility is operating. 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 February 1, in accordance with Rule 62-701.500(4)(a), F.A.C. 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 annually by November 1. The report is required by Rule 62-701.500(13)(c), F.A.C. and must be submitted to the Central District Office (DEP_CD@dep.state.fl.us) and to:
Florida Department of Environmental Protection
Solid Waste Section, MS 4565
2600 Blair Stone Road
Tallahassee, Florida, 32399-2400
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. **Stormwater.** Leachate shall not be discharged into the stormwater management system. Stormwater 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.
17. **Waste Tire Storage.** All waste tire acceptance, storage, and reporting shall be done in accordance with Chapter 62-711, F.A.C. Waste tire storage shall be done in accordance with the approved Operation Plan, Appendix 2, Document 42.
a. Waste Tire Processing Location: Waste tire storage shall be located east of the Citizen Convenience Center (CCC) as shown on Sheet 1 in the approved Operation Plan (Appendix 2, Document 42).
b. Maximum Storage: The facility shall not accept any waste tires for storage if it has reached its permitted storage limit. As stated in the approved Operation Plan, no more than 10,000 tires will be stored at one time per Rule 62-711.530 (1)(b), F.A.C.

D. Water Quality Monitoring Requirements

1. **Zone of Discharge.** There is one zone of discharge for the entire Tomoka Farms Road Landfill (TFRL) facility (both Class I and Class III landfills). The zone of discharge for this facility shall be a three dimensional volume, defined in the horizontal plane by the coordinates shown below and as depicted in Attachment B of the Monitoring Plan Implementation Schedule (APPENDIX 3), and defined in the vertical plane as extending from the top of the ground to the bottom of the casing of the lower surficial monitoring wells (that is, Zone 4). Class G-II water quality standards must be met at the boundary of the zone of discharge in accordance with Rule 62-522.410, F.A.C.

- a. The zone of discharge horizontal boundary coordinates are depicted in Attachment B of the MPIS and defined with the latitude and longitude as follows:

Point	Latitude	Longitude
A	N 29° 07' 41.29"	W 81° 04' 58.76"
B	N 29° 08' 08.20"	W 81° 05' 00.06"
C	N 29° 08' 07.87"	W 81° 05' 08.90"
D	N 29° 08' 23.21"	W 81° 05' 20.30"
E	N 29° 08' 23.21"	W 81° 06' 14.76"
F	N 29° 07' 53.70"	W 81° 06' 14.21"
G	N 29° 07' 39.32"	W 81° 06' 04.89"

2. Electronic Reporting. Required water quality monitoring reports and all ground water and surface water 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 an electronic format consistent with requirements for importing the data into the Department's databases. 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 sampling problems, if any (e.g., variation from SOP field criteria);
 - c. Conclusions and recommendations;
 - d. Ground water contour maps;
 - e. Chain of custody forms;
 - f. Water levels, water elevation table;
 - g. Ground Water Monitoring Report Certification, using the appropriate Department form;
 - h. Appropriate sampling information on Form FD 9000-24 (DEP-SOP-001/01); and,
 - i. Laboratory and Field EDDs and error logs, as applicable.

All submittals in response to this specific condition shall be sent to the District Office and to:

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

3. Water Quality Monitoring Plan. The water quality monitoring plan is called the Monitoring Plan Implementation Schedule (MPIS). There is one MPIS for the entire TFRL solid waste management facility. The newest version (dated 7/27/2015) is included as APPENDIX 3. It is made a part of this permit and all other permits for the TFRL solid waste management facility.

The MPIS or its attachments may be revised or updated at any time. The revised/updated documents will be issued with a new date and effective for the next sampling event.

E. Gas Management System Requirements

1. Gas System Construction Requirements. 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 extraction wells are specified in Attachment G, LFG Management Master Plan and North Cell, Class I Landfill (reference 26, APPENDIX 2).
 - b. The approval of the referenced landfill gas management system in this solid waste permit does not relieve the permittee from ensuring compliance with Air program permitting requirements.
2. Gas System Construction Disturbed Waste/Final Cover. Any waste or final cover disturbed during construction or maintenance of the gas system control devices shall be handled as follows:
 - a. Disturbed waste shall be protected from stormwater intrusion.
 - b. All disturbed waste shall be disposed of in the Class I active working face or hauled to a permitted Class I landfill within 24 hours.
 - c. Disturbed final cover shall be repaired per the current CQA plan.
3. Gas System Maintenance. The facility shall conduct on-going maintenance of the LGCS as needed including: replacement, re-drilling, relocation, raising and decommissioning of existing wells as needed to achieve overall gas control.
4. Gas System Certification of Construction Completion. After each gas system construction event is completed the engineer of record shall certify to the Department in accordance with Rule 62-701.320(9)(b), F.A.C., that the permitted construction is complete and was performed in substantial conformance with the approved construction plans except where minor deviations were necessary. All deviations shall be described and the reasons therefore enumerated.
5. Operational Requirements. Gas controls shall be operated and maintained so that they function as designed.
6. 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 Central District Office (DEP_CD@dep.state.fl.us) under separate cover no later than 15 days after the monitoring occurred.

7. Gas Remediation Plan. The facility landfill gas management system 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.
8. 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:
Florida Department of Environmental Protection
Financial Coordinator - Solid Waste Section
2600 Blair Stone Road, MS 4565
Tallahassee, Florida 32399-2400

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) and .144(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. A cost estimate covering disposal units not previously covered by financial assurance mechanisms must be submitted prior to submitting financial assurance for such disposal units.

- d. All submittals in response to this specific condition shall be sent to the Central District Office (DEP_CD@dep.state.fl.us) and a copy to the address identified in Specific Condition 2.F.1. or to the following email address:
Financial.Assurance.Working.Group@FloridaDEP.gov

G. Closure Requirements

1. Closure Permit Requirements.
 - a. Phased Closure activities for the North cell were authorized in Permit SF64-0078767-028. The references, requirements, and authorizations in permit SF64-0078767-028 are incorporated into this permit.
 - b. Prior to initiating any closure action not covered by this permit, the permittee must schedule a meeting with the Department to determine whether a permit modification is necessary.
2. Notification of Closure Activities.
 - a. At least 90 days prior to initiating any partial closure activity, submit to the Department:
 - i. a statement that closure construction will be initiated, a drawing depicting the area of closure construction, a statement that the permitted closure design and plan are still current, and a statement that all current rule requirements are met; or
 - ii. schedule a meeting with the Department to determine whether a permit modification is necessary.
 - b. The permittee must receive written authorization from the Department prior to initiating closure activities. The written authorization will be either an authorization letter or a permit modification.
 - c. The permittee shall notify the Department 30 days prior to commencing closure field activities such as constructing the cap, side slopes, and stormwater drainage facilities.
3. Closure Design. All closure construction shall be done in accordance with the approved closure design plan as described in the references associated with Permit Application SF64-0078767-028 list in APPENDIX 2. The Department shall be notified before any changes, other than minor deviations, to the approved closure design in order to determine whether a permit modification is required per Section 2.G.2.a above.
4. Final Cover System. The final cover system for the North Cell, Class I Landfill shall consist of in descending order:
 - a. Six inches of topsoil
 - b. 18 inches of compacted protective soil
 - c. Double-sided geocomposite
 - d. 40-mil linear low density polyethylene (LLDPE) geomembrane liner
 - e. 12 inches of granular fill grading layer (intermediate cover)

Sod will be placed on top of the protective soil cover. The components of the final cover system shall meet the requirements of Rule 62-701.600(3)(g), F.A.C. as demonstrated by the technical specifications in Appendix ~~D~~ E of reference ~~§ 41~~, APPENDIX 2 and Attachment R19 of Reference 9, APPENDIX 2.

5. Final Cover Design – Side Slopes. The side slope design for the North Cell closure is shown on sheets ~~C-05~~ 08 and 09 of the Closure Design Drawings and detail sheets ~~C-06~~ 10 through C-09 13 of Reference ~~§ 41~~, APPENDIX 2. The maximum side slope is 3H:1V, Rule 62-701.600(3)(e), F.A.C. A series of 19-foot wide drainage terraces are located at approximate elevations of 69, 107, 145 and 185 feet NGVD, as a means of controlling stormwater flow down the side slopes. The terraces will be constructed with a 1% slope to direct stormwater to a series of 18-inch and 24-inch diameter downdrains. Downdrains will be constructed at approximately 400-foot intervals and discharge stormwater to the perimeter drainage channels. The top flat area on the North Cell will have a 4% slope to direct runoff to the downdrains.
6. Closure Sequencing. The final cover shall be constructed in three sequences, to allow the permittee to install final cover over areas which have reached final permitted elevation as shown on sheet ~~00C-04~~ 07 in reference ~~41~~, APPENDIX 2.
7. Construction Quality Assurance Plan. The Construction Quality Assurance (CQA) Plan submitted with the permit modification application in Appendix ~~C~~ E of reference ~~§ 41~~, APPENDIX 2 shall be followed for installing and testing the liner system and related components. The CQA engineer or his designee shall be on-site at all times during construction of the liner system to monitor the construction activities.
8. Post-Construction Survey. A survey shall be performed by an engineer or registered surveyor to verify that final contours and elevations of the facility are in accordance with the plans as approved in this permit. Aerial mapping techniques that provide equivalent survey accuracy may be substituted for the survey. Contours should be shown at no greater than five-foot intervals. The landfill owner or operator shall submit this information to the Department along with the Certification of Construction Completion required in Specific Condition 2.G.9.
9. Certification of Closure Construction Completion. After each sequence of 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.
10. List of Closed Units Not in Long-Term Care. Closed sections of the landfill will continue to be monitored and maintained per the Operation Plan.
 - a. The South Cell has been properly closed as acknowledged on December 17, 2003 in DEP letter OCD-SW-03-0397. The official date of closing has not been established and the

30-year long-term care period has not begun for the South Cell. Its post-closure care was permitted in SF64-0078767-028 and is incorporated into this permit.

- b. The following three phases of closure activities have been permitted for the North Cell (SF64-0078767-028) as described on sheet ~~00C-04 07~~, reference ~~8 41~~, APPENDIX 2:
 - i. Closure Sequence 1 – ~~28.2~~ 43 acres, North Cell, Class I Landfill western side slopes
 - ii. Closure Sequence 2 – ~~35.0~~ 23 acres, North Cell, Class I Landfill eastern side slopes
 - iii. Closure Sequence 3 – ~~26.7~~ 32 acres, North Cell, Class I Landfill top deck
- c. Post-closure Care Requirements:
 - i. The permittee shall continue to monitor and maintain the integrity and effectiveness of the final cover as well as other appurtenances, control erosion, fill subsidence comply with the ground water monitoring plan and gas monitoring program and maintain the storm water system, landfill gas collection system, leachate collection system (when applicable) in accordance with an approved closure plan for all areas which have received final cover.
 - ii. Stabilization Report. Every 5 years as part of the 5 year submittal report in section 2.A.7 above, the permittee shall submit a report to the Department that addresses stabilization of closed disposal mounds. The submittal shall include the technical report required in Rule 62-701.510(9)(b), F.A.C., and shall also address subsidence, barrier layer effectiveness, storm water management, gas production and management. It shall also address leachate collection and removal system effectiveness, leachate quality and leachate quantity (when applicable).

H. Long Term Care Requirements

[No areas in the Tomoka Farms Road Landfill solid waste management facility are in long-term care at this time. The South Cell is in post-closure care.]

Permit originally executed in Orange County, Florida, by Central District Director Jeff Prather, State of Florida Department of Environmental Protection on June 28, 2013.

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, are 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.

DRAFT

APPENDIX 2
List of Documents Incorporated into this Permit

Documents Generated for this Permit Application:

1. FDEP Solid Waste Permit Application for the Operations of North Cell Class I Landfill, dated December 12, 2012. Received and stamped December 28, 2012, DEP – Central District.
2. First Request for Additional Information from DEP – Central District dated January 25, 2013.
3. Response to First Request for Additional Information dated February 20, 2013. Received and stamped February 22, 2013, DEP – Central District.
4. Second Request for Additional Information from DEP – Central District dated March 15, 2013.
5. Response to Second Request for Additional Information dated April 10, 2013. Received and stamped April 12, 2013, DEP – Central District.

List of Documents Associated with Closure Permit SF64-0078767-028:

6. Tomoka Farms Road Landfill Class I – Closure of North Cell Phase I and Post-Closure Care of South Cell “Application for Renewal of Existing Closure Permit”, signed and sealed by Kanishka Perera, P.E. HDR Engineering, Inc. Jacksonville, Florida, dated December 6, 2011. Received and stamped December 7, 2011, DEP-Central District.
7. Response to FDEP’s 1st Request for Additional Information from Kanishka Perera, P.E. HDR Engineering, Inc. Jacksonville, Florida, dated January 27, 2012. Received and stamped January 30, 2012, DEP-Central District.
8. Tomoka Farms Road Landfill, North Cell Class I Closure, Intermediate Modification Permit Application, Prepared By: HDR Engineering, Inc., Jacksonville, Florida 32202, dated August 25, 2010. Received and stamped September 14, 2010, Central District – DEP.
9. Response to First Request for Additional Information from HDR Engineering, Inc., dated November 11, 2010 (Tomoka Farms Road Landfill, North Cell Class I Closure, Intermediate Modification Permit Application, dated November 2010). Received and stamped November 12, 2010, Central District – DEP.
10. Closure Permit Application, Tomoka Farms Road Landfill – North and East Class I Cell, November 15, 2006. Received and stamped December 1, 2006, Central District – DEP.
11. Tomoka Farms Road Landfill, North and East Cell Closure Permit Drawings dated October 2006 (included with November 15, 2006 Closure Permit Application, Tomoka Farms Road

Landfill – North and East Class I Cell). Received and stamped December 1, 2006, Central District – DEP.

12. Application for Intermediate Modification of Operation Permit to Construct and Operate a Landfill Gas Collection and Control System, dated October 2, 2003. Received and stamped October 15, 2003, Central District – DEP.

Referenced Historical Documents:

13. FDEP Application for Renewal of the Existing Closure Permit, Class I Landfill – North Cell, Tomoka Farms Road Landfill, dated December 6, 2011. Received and stamped December 7, 2011.
14. Response to First Request for Additional Information dated January 27, 2012. Received and stamped January 30, 2012, Central District – DEP.
15. FDEP Application for Intermediate Modification of the Existing Closure Permit, North Cell Class I, Tomoka Farms Road Landfill, dated August 25, 2010. Received and stamped September 14, 2010, Central District – DEP.
16. Tomoka Farms Road Landfill, North Cell – Phase II, Class I Construction Permit Renewal Application, dated August 1, 2012. Received and stamped August 2, 2012, Central District – DEP.
17. Response to First Request for Additional Information dated September 17, 2012. Received and stamped September 18, 2012, Central District – DEP.
18. Response to Second Request for Additional Information dated November 1, 2012. Received and stamped November 1, 2012, Central District – DEP.
19. Construction Permit Application, Operation Permit Modification, Tomoka Farms Road Landfill, East Cell Expansion, dated April 3, 2002. Received and stamped May 28, 2002, Central District – DEP.
20. Tomoka Farms Road Landfill, Landfill Gas Collection System Expansion Certification Report, dated May 12, 2010. Received and stamped May 17, 2010, Central District – DEP.
21. Tomoka Farms Road Landfill, Landfill Gas Collection System Expansion for Closure Notification, dated September 10, 2012. Received and stamped September 19, 2012, Central District – DEP.
22. Tomoka Farms Road Landfill, East Cell Expansion Geotechnical Report, dated November 14, 2000. Received and stamped May 28, 2002, Central District – DEP.

23. Landfill Gas Collection System Expansion, bid drawings and as-built survey, dated June 6, 2005. Received and stamped May 21, 2013, Central District – DEP.

Documents Regarding Permit Modification:

24. Application for a Minor Modification to Operation Permit, Tomoka Farms Road Landfill, North Cell Class I Landfill, dated March 05, 2014. Received March 17, 2014, DEP – Tallahassee Headquarters.

[http://depedms.dep.state.fl.us/Oculus/servlet/shell?command=getEntity&\[guid=8.198866.1\]](http://depedms.dep.state.fl.us/Oculus/servlet/shell?command=getEntity&[guid=8.198866.1])

25. Draft Department Comments Regarding March 05, 2014 Application for Minor Modification – DEP Tallahassee Headquarters dated April 1, 2014.

[http://depedms.dep.state.fl.us/Oculus/servlet/shell?command=getEntity&\[guid=8.200819.1\]](http://depedms.dep.state.fl.us/Oculus/servlet/shell?command=getEntity&[guid=8.200819.1])

26. Response to FDEP’s Draft Comments from Cliff Koenig, P.E. HDR Engineering, Inc. Jacksonville, Florida, dated April 08, 2014. Received April 08, 2014, DEP – Tallahassee Headquarters.

[http://depedms.dep.state.fl.us/Oculus/servlet/shell?command=getEntity&\[guid=8.200820.1\]](http://depedms.dep.state.fl.us/Oculus/servlet/shell?command=getEntity&[guid=8.200820.1])

Documents Regarding -032 Permit Modification

27. Application for a Minor Modification to Operation Permit, Tomoka Farms Road Landfill, North Cell Class I Landfill prepared by Neel-Schaffer, Inc., dated April 4, 2014. Received April 4, 2014, DEP –Tallahassee Solid Waste.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.199888.1\]&\[profile=Permitting_Authorization\]](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.199888.1]&[profile=Permitting_Authorization])

28. First Request for Additional Information from DEP Tallahassee Solid Waste dated April 17, 2014.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.200915.1\]&\[profile=Permitting_Authorization\]](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.200915.1]&[profile=Permitting_Authorization])

29. Response to FDEP’s First Request for Additional Information prepared by Ron Beladi, P.E., Neel-Schaffer, Inc., dated April 28, 2014. Received April 28, 2014, FDEP – Tallahassee Solid Waste.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.202452.1\]&\[profile=Permitting_Authorization\]](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.202452.1]&[profile=Permitting_Authorization])

30. Approved Operations Plan, prepared by Neel-Schaffer, Inc., dated April 2014.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.202453.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.202453.1]&[profile=Permitting_Authorization)

Documents Regarding -033 Permit Modification

31. Application for a Minor Modification to Operation Permit at the Tomoka Farms Road Landfill, Volusia County, Florida prepared by S2L, Inc., dated April 24, 2014. Received April 25, 2014, DEP –Tallahassee Solid Waste.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.201920.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.201920.1]&[profile=Permitting_Authorization)

Application:

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.201918.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.201918.1]&[profile=Permitting_Authorization)

Drawings:

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.201919.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.201919.1]&[profile=Permitting_Authorization)

32. First Request for Additional Information from DEP Tallahassee Solid Waste dated May 2, 2014.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.201934.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.201934.1]&[profile=Permitting_Authorization)

33. Response to FDEP’s First Request for Additional Information prepared by S2L, Inc., dated June 10, 2014. Received June 10, 2014, FDEP – Tallahassee Solid Waste.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.205114.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.205114.1]&[profile=Permitting_Authorization)

34. Approved Operations Plan, prepared by S2L, Inc., dated June 10, 2014.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.205257.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.205257.1]&[profile=Permitting_Authorization)

Documents Regarding -036 Permit Modification

35. Application for a Minor Modification to Operation Permit for North Cell, Class I – Phase I and Phase II Area 3, Tomoka Farms Road Landfill, Volusia County, Florida prepared by HDR Engineering, Inc., dated May 27, 2015. Received by the Department May 28, 2015.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.230191.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.230191.1]&[profile=Permitting_Authorization)

36. Supplemental information, prepared by HDR, Inc., submitted by email dated and received June 1, 2015.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.230828.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.230828.1]&[profile=Permitting_Authorization)

Documents Regarding -037 Permit Modification

37. Application for Permit Modification to MPIS and Zone of Discharge to Operation Permit, Tomoka Farms Road Landfill North Cell Class I Disposal Area, prepared by HDR Engineering, Inc. for Volusia County, dated June 16, 2015. Received by the Department June 16, 2015.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.231585.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.231585.1]&[profile=Permitting_Authorization)

38. Supplemental drawing of ZOD and monitoring wells, prepared by HDR Engineering, Inc., for Volusia County, dated June 2015. Received by the Department June 24, 2015.

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.231937.1\]&\[profile=Permitting_Authorization](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.231937.1]&[profile=Permitting_Authorization)

Documents for Permit Modification 0078767-043-SO-MM

39. Application for Minor Operations Permit Modification, prepared by HDR Engineering, Inc. for Volusia County Solid Waste Division, dated and received by the Department June 2, 2020.

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.313653.1\]&\[profile=Permitting_Authorization](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.313653.1]&[profile=Permitting_Authorization)

40. Approved Operation Plan, dated June 2020.

[https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.313654.1\]&\[profile=Permitting_Authorization](https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.313654.1]&[profile=Permitting_Authorization)

Documents for Permit Modification 0078767-044-SO-IM

41. Application for Intermediate Permit Modification, prepared by SCS Engineers for Volusia County Solid Waste Division, dated November 19, 2021 and received by the Department December 1, 2021.

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.332526.1\]&\[profile=Permitting_Authorization\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.332526.1]&[profile=Permitting_Authorization])

42. Approved Operation Plan, dated November 19, 2021.

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.332885.1\]&\[profile=Permitting_Authorization\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.332885.1]&[profile=Permitting_Authorization])

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**ATTACHMENT 1
 Time Sensitive Action Chart**

Required Notifications and Submittals to the Department

If any of the time deadlines in the Time Sensitive Action Chart are inconsistent with the time deadlines in the permit conditions, the time deadlines in the permit condition shall be followed.

Specific Condition	Topic	Action	Due Date
Section 2.A.3	Permit Renewal	Submit permit renewal application to the Department	Due 3/13/2033
Section 2.A.6	Permit Fees	Submit installment payment of \$10,000 to the Department	May 13, 2018 May 13, 2023 May 13, 2028
Section 2.A.7	5 Year Submittal Report	Submit report to the Department	May 13, 2018 May 13, 2023 May 13, 2028
Section 2.C.1	Operation Plan	Notify the Department	Before any non-minor operational changes
Section 2.C.9	Erosion Control	Notify the Department	When it is determined that the erosion cannot be corrected within 7 days of occurrence.
Section 2.C.10	Emergencies	Notify the Department	Per the Contingency Plan
Section 2.C.12.c	Leachate Management	Submit a summary report to the Department concerning the leachate collection pipes cleaning or video inspection	At a minimum by: May 13, 2018 May 13, 2023 May 13, 2028 As part of the report required by Section 2.A.7
Section 2.C.12.g	Leachate Management	Submit leachate quantity analysis report	January 31 of each year
Section 2.C.14	Waste Quantity Report	Submit information at http://www.fldepportal.com/go	February 1 of each year
Section 2.C.14	Estimate of Remaining Life	Submit estimate of remaining life to the Department	November 1 of each year
Section 2.C.15	Regulated Hazardous Waste	Notify the Department	Immediately upon discovery
Section 2.D	Ground Water Monitoring	Conduct sampling semi-annual events and submit groundwater Reports	Per the current MPIS

Specific Condition	Topic	Action	Due Date
Section 2.E.1	LGCS Construction	Notify the Department	Prior to any non-minor changes to the approved design are implemented
Section 2.E.4	LGCS Construction	Submit Certification of Construction Completion Report	After each gas system construction event is completed
Section 2.E.6	Gas Monitoring	Submit report to the Department	Quarterly within 15 days of monitoring event
Section 2.F.1	Cost Estimate for Unused Disposal Units	Submit to the Department	60 days prior to the planned acceptance of waste
Section 2.F.1	Annual Financial Mechanism Adjustment	Submit evidence of adjusted financial mechanism to the Department	Annually after the adjusted cost estimate is approved
Section 2.F.2	Cost Estimate	Submit to the Department	Annually between July 1 and September 1
Section 2.F.2	Detailed Cost Estimate	Submit to the Department	At a minimum by: May 13, 2018 May 13, 2023 May 13, 2028 As part of the report required by Section 2.A.7
Section 2.G.2.a	Closure	Submit to the Department or meet with the Department	90 days prior to commencing closure activities
Section 2.G.2.c	Closure	Notify the Department	30 days prior to commencing closure activities
Section 2.G.8	Closure Post-Construction Survey	Submit to the Department	With the Certification of Construction Completion Report
Section 2.G.9	Closure Construction	Submit Certification of Construction Completion Report	After completion of each sequence of closure
Section 2.G.10	Post-Closure Care	Submit the stabilization report to the Department	At a minimum by: May 13, 2018 May 13, 2023 May 13, 2028

PERMITTEE NAME: Volusia County Solid Waste Division
FACILITY NAME: Tomoka Farms Road Landfill – North Cell, Class I Landfill

PERMIT NO.: 0078767-030-SO-01
WACS Facility ID: 27540

Specific Condition	Topic	Action	Due Date
			As part of the report required by Section 2.A.7

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