

## Thursby, Kim

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**From:** Locke, Don <DLocke2@republicservices.com>  
**Sent:** Friday, March 15, 2024 9:26 AM  
**To:** Thursby, Kim; Epost HWRS  
**Cc:** Dean, Ken  
**Subject:** RE: US Ecology Tampa, Inc;FLD-981-932-494;Final Issuance of Permit

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### Don Locke

Operations Manager

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**From:** Thursby, Kim <Kim.Thursby@FloridaDEP.gov>  
**Sent:** Thursday, March 14, 2024 1:55 PM  
**To:** Locke, Don <DLocke2@republicservices.com>  
**Cc:** Smith, Michell M. <Michell.M.Smith@FloridaDEP.gov>; Walker, Kim (Waste) <Kim.Walker@FloridaDEP.gov>; Bastek, Brian <bastek.brian@epa.gov>; 'Merizalde.carlos@epa.gov' <merizalde.carlos@epa.gov>; vogel.jennifer@epa.gov; Financial Assurance Working Group <Financial.Assurance.Working.Group@dep.state.fl.us>; 'district\_person@dep.state.fl.us' <district\_person@dep.state.fl.us>; 'annie\_dziergowski@fws.gov' <annie\_dziergowski@fws.gov>; 'FWCConservationPlanningServices@myfwc.com' <FWCConservationPlanningServices@myfwc.com>; 'heather.walsh@floridadep.gov' <heather.walsh@floridadep.gov>; Pedigo, Leslie <Leslie.Pedigo@FloridaDEP.gov>; Perez, Jorge <Jorge.Perez@FloridaDEP.gov>; Ken Dean - US Ecology <Ken.Dean@usecology.com>; 'cpoole@pacskon.com' <cpoole@pacskon.com>; 'dgrossman@pacskon.com' <dgrossman@pacskon.com>; 'dbarcenas@3leafsolutions.com' <dbarcenas@3leafsolutions.com>; Smith, Andrew M <Andrew.M.Smith@floridadep.gov>  
**Subject:** US Ecology Tampa, Inc;FLD-981-932-494;Final Issuance of Permit

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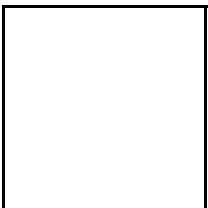
In an effort to provide a more efficient service, the Florida Department of Environmental Protection's Hazardous Waste Program and Permitting section is forwarding the attached document to you by electronic correspondence "e-correspondence" in lieu of a hard copy through the normal postal service.

We ask that you verify receipt of this document by sending a "reply" message to [epost\\_hwrs@dep.state.fl.us](mailto:epost_hwrs@dep.state.fl.us) (An automatic "reply message" is not sufficient to verify receipt). If your email address has changed or you anticipate that it will change in the future, please advise accordingly in your reply. You may also update this information by contacting Kim Thursby at (850) 245-8792.

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Your cooperation in helping us affect this process by replying as requested is greatly appreciated. If you should have any questions about the attached document(s), please direct your questions to the contact person listed in the correspondence.

Michell Mason Smith  
Environmental Administrator  
Hazardous Waste Program & Permitting





# 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

March 14, 2024

Mr. Don Locke  
US Ecology Tampa, Inc.  
7202 East 8<sup>th</sup> Avenue  
Tampa, Florida 33619  
[DLocke2@RepublicServices.com](mailto:DLocke2@RepublicServices.com)

Re: **Final Issuance of Permit**  
**US Ecology Tampa, Inc**  
EPA ID Number: FLD-981-932-494  
Draft Hazardous Waste Operating Permit: 34875-019-HO  
Solid Waste Operating Permit: 34875-018-SO  
Tampa, Hillsborough County, Florida

Dear Mr. Locke:

Enclosed are Permit Number 34875-019-HO and 34875-018-SO for continuing operation of a solid waste treatment facility and operation of a hazardous waste treatment, storage and transfer facility. for the facility located at 7202 East 8<sup>th</sup> Avenue, in Tampa, Hillsborough County, Florida. This permit is being issued pursuant to Section 403.722, Florida Statutes (F.S.), and Chapters 62-4, 62-160, 62-730, and 62-780, Florida Administrative Code (F.A.C.).

## NOTICE OF RIGHTS

Upon issuance of this final permit, any party to this action 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.

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

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

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto: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.

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 45 days of receipt of this written notice. 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.

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](mailto: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 is not available in this proceeding.

Mr. Don Locke  
March 14, 2024  
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If you have any questions, please contact Andrew Smith by telephone at (850) 245-8935 or by e-mail at [Andrew.M.Smith@floridadep.gov](mailto:Andrew.M.Smith@floridadep.gov).

Sincerely,



Michell Mason Smith, Environmental Administrator  
Hazardous Waste Program & Permitting

Enclosures

cc (with Enclosures):

Brian Bastek, EPA Region 4 [bastek.brian@epa.gov](mailto:bastek.brian@epa.gov)  
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# FLORIDA DEPARTMENT OF Environmental Protection

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

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

PERMITTEE:  
US ECOLOGY TAMPA, INC.  
18500 NORTH ALLIED WAY  
PHOENIX, AZ 85054

I.D. NUMBER: FLD 981 932 494  
HAZARDOUS WASTE PERMIT NUMBER: 34875-019-HO  
SOLID WASTE PERMIT NUMBER: 34875-018-SO  
DATE OF ISSUE: MARCH 14, 2024  
EXPIRATION DATE: APRIL 1, 2029

ATTENTION:  
DON LOCKE  
7202 East 8<sup>th</sup> Avenue  
TAMPA, FL 33619

COUNTY: HILLSBOROUGH  
PROJECT: CONTINUED OPERATION OF A SOLID WASTE  
TREATMENT STORAGE FACILITY; CONTINUED  
OPERATION OF A HAZARDOUS WASTE TREATMENT,  
STORAGE, AND TRANSFER FACILITY

Pursuant to authorization obtained by the Florida Department of Environmental Protection (FDEP) under the Resource Conservation and Recovery Act [42 United States Code (U.S.C.) 6901, et seq., commonly known as RCRA] and the Hazardous and Solid Waste Amendments of 1984 (HSWA), this permit is issued under the provisions of Section 403.722 Florida Statutes (F.S.), and Chapters 62-4, 62-160, 62-730, 62-777 and 62-780 Florida Administrative Code (F.A.C.). This permit replaces expired permits 34875-017-HO and 34875-015-SO. The above-named Permittee is hereby authorized to perform the work or operate the facility shown on the application dated October 4, 2023 and supplemented by November 4, 2023 and December 20, 2023 Responses to Additional Information that are incorporated herein and collectively referred to as the “permit application.” The permit application also includes any approved drawing(s), plans, and other documents that are specifically identified and incorporated by reference. Solid waste management units (SWMUs) and areas of concern (AOCs) identified to date are listed in Appendix A. The RCRA-regulated units, permitted units or permitted activities are specifically described as follows:

#### Permitted Container Storage Area within the Waste Processing Building (WPB)

US Ecology Tampa Inc. is permitted to store up to a maximum of 9,900 gallons (Table 2) of hazardous waste (waste codes D002, D004 through D011, and K062) for up to 365 days in the WPB.

#### Permitted Bulk Storage Container Storage Area

US Ecology Tampa, Inc. is permitted to store 800 cubic yards (CY) in dump trailers or a maximum of forty (40) 20-CY roll-off boxes of post-treated (via stabilization) and solidified formerly characteristic and/or K062 hazardous waste material may be stored within the footprint of the asphalt-covered parking lot located on the southside of E 9th Avenue (Table 2). In addition, non-hazardous waste may be stored in the BCSAs (provided the 800 CY maximum capacity is not

exceeded) and will not be counted toward the facility's daily hazardous waste capacity provided that the proper labeling procedures have been undertaken.

#### 10-Day Transfer Facility Operations

The 10-Day Transfer Facility (SWMU 11) is used to store manifested hazardous waste on site for no longer than ten (10) days as allowed for transfer facilities. It may not be utilized for any waste where US Ecology Tampa, Inc. is the designated facility on the manifest or originated at the facility where US Ecology Tampa, Inc. is listed as the generator.

#### Inbound/Outbound Staging Area Operations

The Inbound/Outbound (I/O) Staging Area (SWMU 11) is only used for inbound loads waiting for unloading and receipt, and outbound loads waiting for completed transportation paperwork. Vehicles/trailers in this area are marked as either an inbound load or an outbound load to avoid being confused with other vehicles/trailers that may be located in the same vicinity. US Ecology Tampa, Inc. may either be the generator or the designated facility. The I/O staging volume is separate and exclusive from and not included in the total authorized facility-wide hazardous waste storage capacity. The authorized volume is 20,000 gallons (Table 2).

#### Low Explosives Magazine

Low Explosives, classified as Department of Transportation (DOT) Hazard Class 1.4, are stored at the facility in a Class II magazine. The magazine is 6 feet long by 6 feet wide by 7 feet high and is situated in the WPB (SWMU 7) at least 50 feet from the facility's property boundary as shown in Attachment C. The low explosives in the magazine include expired and/or discarded consumer products such as fireworks, marine and highway flares, flare guns, marine and other types of distress signals and small arms ammunition. These consumer products and household hazardous wastes (HHWs) that are collected from wholesale and retail outlets are destined for offsite destruction.

#### Treatment

Generators of characteristic hazardous wastes are required to identify any underlying hazardous constituents reasonably expected to be present above their concentration-based levels (see Table UTS in §268.48) at the point of generation [§268.9(a)]. Generator knowledge should be supported by laboratory data:

“Wastes with concentration-based treatment standards must be evaluated to determine if applicable constituent concentration levels have been attained. This can be accomplished by either (1) testing the waste or (2) using knowledge of the process or materials used to produce the waste (for generators only). It is important for acceptable knowledge to be supplemented with analytical data on the regulated hazardous constituents.”

US Ecology Tampa, Inc., may arrange for the generator of a hazardous waste to supply all or part of the information for a physical and chemical analysis. If the generator does not supply a complete characterization and US Ecology Tampa Inc. chooses to accept that hazardous waste, US Ecology Tampa Inc. is responsible for the waste characterization.



A waste characterization must be performed when the generator changes the waste generation process [§§264/265.113(d)]. If US Ecology Tampa Inc. is aware that waste generation processes have changed, and a new/updated waste characterization has not been provided by the generator, and US Ecology Tampa, Inc., chooses to accept the waste, then US Ecology Tampa, Inc., will be responsible for the waste characterization.

Safety Data Sheets shall only be used as a screening tool to determine the presence of Underlying Hazardous Constituents (UHCs) as hazard communication standards require that the labels contain the chemical and common name(s) of all ingredients which have determined to be health hazards, and which comprise 1% or greater of the composition. Carcinogens must be listed if the concentrations are 0.1% or greater. UHCs, if present, may not even be listed in the product. Depending upon the use of the corrosive product, additional UHCs could be introduced into the waste stream and/or the concentrations of UHCs in the product could be increased. Lab data supplied by the generator is the best method to determine the presence of UHCs.

Hazardous debris, as described in 40 CFR 268.45, shall not be treated in the hazardous waste treatment tank within the WPB (SWMU 7).

#### Waste Certification

A waste characterization must be performed when the generator changes the waste- generation process [§§264/265.113(d)]. The annual recertification process is a useful tool but does not eliminate the requirement for the generator to perform a new waste characterization when the waste generation process changes.

#### Operation of a Non-Hazardous Waste Engineered Solidification Unit

The Permittee intends to continue operation of a solid waste materials processing and transfer facility, for the processing, consolidation, bulking, and solidification of solid waste materials in the northern portion of the WPB (SWMU-7), including the operation of a 21 feet wide by 21 feet long by 3 feet tall non-hazardous waste engineered solidification unit (approximate capacity 49 Cubic Yards) and a shredder in the northwest corner of the WPB. Roll-offs of solidified non-hazardous waste generated in the WPB are temporarily staged in the Solid Waste Operations Area shown on Attachment D or within the existing BCSAs (SWMUs 20a-20c).

#### Removal of Operator & Spotter Training Requirement

US Ecology maintains a comprehensive internal and external training program at the facility that exceeds the spotter training requirements in the Solid Waste Rule and removal of this requirement eliminates redundancy in the facility training program. All training documentation will be maintained at the facility and available for Department review upon request.

#### Retail Waste/Household Hazardous Waste (HHW) Processing Area

US Ecology, Inc. performed a pilot study for a Retail Waste/HHW processing area. Examples of wastes processed included, but are not limited to: paints, thinners, solvents, pesticides, herbicides, fertilizers, pool chemicals, motor oil, greases, hydraulic oils, acidic and caustic cleaners and personal care products such as soaps, hair care, etc. This pilot study will become permanent. US Ecology will transition the processing area from its temporary location during the pilot study to a loading dock engineered for the US Ecology, Tampa Inc., facility. Containerizing operations will



be performed on a flatbed, under a canopy that was staged on an asphalt area on a temporary basis to a semi-permanent loading dock engineered for the US Ecology Tampa, Inc., facility. At no time will the authorized 50,000-gallon storage capacity be exceeded (Table 2).

The Permittee is required to investigate any releases of contaminants to the environment at the facility regardless of the time at which waste was placed in a unit and to take appropriate corrective action for any such releases. Pursuant to 40 Code of Federal Regulations (CFR) 260.10 [as adopted by reference in Subsection 62-730.020(1), F.A.C.], the corrective action requirements of this RCRA permit extend to all property under control of the Permittee (see Attachment A, a map of the property boundaries of the land under the Permittee's control) and to all contamination that originated from discharges at the property under control of the Permittee.

This permit is based on the premise that information and reports submitted by the Permittee prior to issuance of this permit are accurate. Any inaccuracies found in this information or information submitted as required by this permit may be grounds for termination or modification of this permit in accordance with Section 403.727(3)(a) F.S. and Rule 62-730.290, F.A.C., and potential enforcement action.

The facility is located at 2002 North Orient Road, Tampa, Florida.

The following documents were used in the preparation of this permit:

1. **RCRA Facility Assessment (RFA) Addendum** dated May 13, 2011.
2. **Closure Certification for EQFL Filter Press** dated October 31, 2013.
3. **DEP acceptance of the certification of closure for the filter press** dated November 1, 2013.
4. **Construction and Operation Permit Application, 2002 North Orient Road, Tampa, FL 33619, Permit No. 34875-HO-10, prepared for EQ Florida, Inc.** dated November 2013, Revision 01.
5. **Volume 3 of 3 Permit Application, 7202 E, 8<sup>th</sup> Avenue, Tampa FL 33619, Permit No. 34757-006-SO/30, prepared for EQ Florida, Inc.,** dated November 2013, Revision 01, as revised by information received December 6, 2013.
6. **Draft Hazardous Waste Permit Modification Application, prepared by EQ Florida, Inc.,** dated December 18, 2015.
7. **Permit Modification Notification letter from US Ecology dba EQ Florida, Inc.,** dated December 29, 2015.
8. **First Request for Additional Information letter, DEP,** dated March 1, 2016.
9. **2016 RMP Modeling Final Report, Toxic Worse-Case Release Scenarios, EQ Florida, Inc., Prepared for NOVA Engineering and Environmental, LLC by Koogler & Associates,** dated April 8, 2016.

10. **Revision 01 Hazardous Waste Permit Modification Application, EQ Florida, Inc.,** dated May 10, 2016.
11. **Incomplete Response to First Request for Additional Information letter, DEP,** dated July 1, 2016.
12. **RMP Modeling Final Report, Toxic Worse-Case Release Scenarios, EQ Florida, Inc., Prepared for NOVA Engineering and Environmental, LLC by Koogler & Associates,** dated April 8, 2016, Revised June 23, 2016.
13. **Revision 02 Hazardous Waste Permit Modification Application, EQ Florida, Inc., dated July 29, 2016, and EQ Florida, Inc.’s Letter Response to DEP’s “Incomplete Response to First Request for Additional Information, July 1, 2016”** dated July 31, 2016, revised and received August 10, 2016.
14. **Volume 3 of 3 Permit Renewal Application, 7202 E. 8th Avenue, Tampa, FL 33619, Permit No. 34757-011-SO/30, prepared for US Ecology Tampa, Inc. dated October 3, 2018, Revision 00, received October 8, 2018 as revised by information received March 4, 26 and April 8, 2019.**
15. **Hazardous Waste Renewal Application (Volumes 1 of 3 and 2 of 3), 7202 E. E. 8th Ave, Tampa, FL 33619, Permit No. 34875-HO-013, as revised by information received October 15, 2018, April 8, 2019, April 9, 2019 and April 11, 2019.**
16. **2019 RMP Modeling Final Report, Toxic Worse-Case Release Scenarios, US Ecology Florida, Inc., Prepared for PACSCON GeoEnvironmental, Inc. by Koogler & Associates,** dated April 5, 2019.
17. **Minor Permit Modification Request** dated June 21, 2021.
18. **Minor Permit Modification Request Supplemental Information** dated July 7, 2021.
19. **Technical Memorandum** dated May 31, 2022.
20. **Updated AERMOD Files and Updated Risk Assessment Report** dated December 15, 2022.
21. **Permit Modification Request** dated December 30, 2022.
22. **Permit Renewal Application** dated October 4, 2023.
23. **Response to Request for Additional Information** dated November 17, 2023.
24. **Response to Request for Additional Information** dated December 20, 2023

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PERMITTEE: US Ecology Tampa Inc.  
I.D. NUMBER: FLD 981 932 494

PERMIT NUMBER: 34875-019-HO & 34875-018-SO  
EXPIRATION DATE: April 1, 2029

<b>Permit Renewal</b>			
Effective Date	Duration	Permit Number	Brief Description
March 14, 2024	5 years	34875-018-SO & 34875-019-HO	Operating Permit Renewal
<b>Table of Permit Modifications</b>			
Effective Date	Class*	Permit Number	Brief Description
April 12, 2023	2	Hazardous Waste: 34875-HO-17 Solid Waste 34875-SO-15	Increase Waste Processing Building Storage Capacity, increase Facility Inbound Staging Volume, and Consolidation Platform Construction and RUNI Screw Compactor Unit Installation
*40 CFR Part 270.42 Appendix I-Classification of Permit Modification and/or Chapter 62-730, Florida Administrative Code.			

## **PART I – GENERAL AND STANDARD CONDITIONS**

### **Part 1 Subpart A1 – Hazardous Waste General and Standard 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, 403.727, or 403.859 through 403.861, F.S. 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 Sections 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 personal 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. This permit or a copy thereof shall be kept at the work site of the permitted activity. In the event that there is no building or reasonable repository for such a copy at the work site, an alternate location must be approved by the Department in writing.
8. 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 for the activities below. Reasonable time may depend on the nature of the concern being investigated.

- 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.
  - c. Sample or monitor any substances or parameters at any time or location reasonably necessary to assure compliance with this permit or Department rules.
9. The conditions in this permit shall take precedence over the permit application documents where there are differences between those documents and the permit conditions.
10. 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 the permitted activity which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted activity arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 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.
11. 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. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
12. The Permittee shall comply with the following notification and reporting requirements:
  - a. 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's RCRA Manager with the following information:
    - (1) A description of and cause of noncompliance.
    - (2) 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.
  - b. The Permittee will report any event requiring emergency response or noncompliance that may endanger human health or the environment from fires and explosions or releases of hazardous waste that may endanger public drinking water supplies. The Permittee will report to the Department's RCRA Manager verbally within 24 hours, and provide a written report of the incident to the Hazardous Waste Program & Permitting Section at the address in Part I.15 or by alternate means (*e.g.*, e-mail) as approved by the Department, within five calendar days. It is the responsibility of the Permittee to ensure receipt of the written

report. The Department of Environmental Protection's 24-hour emergency telephone number is (850) 413-9911 or (800) 320-0519. During normal business hours, the Hazardous Waste Program & Permitting Section in Tallahassee may be contacted at 850-245-8707, or the DEP District Office may be contacted at (813) 470-5700 (Tampa).

- (3) The verbal report shall include the following information:
  - (a) The name, address, I.D. number, e-mail address, and telephone number of the facility and its owner or operator.
  - (b) The date, time, and type of incident.
  - (c) The identity and quantity of materials involved.
  - (d) The extent of any injuries.
  - (e) An assessment of actual or potential hazards.
  - (f) The estimated quantity and disposition of recovered materials.
- (4) The written report shall include all of the information in the verbal report and the following information:
  - (g) A description and cause of the noncompliance.
  - (h) If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- c. Within 15 calendar days of discovery per Part V.A.1.b, the Permittee shall notify the Department's RCRA Manager in writing of any newly discovered release(s) of contaminant(s) to the environment resulting in a de Minimis cleanup (Part V.A.4) or a suspected new AOC(s) and/or SWMU(s) discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means.
  - (5) The notification shall include, at a minimum, the location of the release, AOC or SWMU (hereinafter referred to collectively as "site"), and all relevant information (*e.g.*, location of site(s) on a map of appropriate scale; general dimensions of affected area; media affected; hazardous constituents released; and magnitude of release).
  - (6) The Department may conduct, or require that the Permittee conduct, confirmatory sampling in order to determine whether contamination is present (Part V.A.3). The Department will notify the Permittee in writing of the final determination as to the status of the newly discovered or suspected site.
  - (7) Depending upon the type of discovery, notification requirements of Part I.12.b may also be required.
- d. The Permittee shall comply with the "Notices" provisions of Rules 62-780.220, F.A.C., and 62-730.225, F.A.C.
  - (8) Prior to performing field activities.
  - (9) When contamination beyond the facility boundary is confirmed by laboratory analysis.
  - (10) When a Temporary Point of Compliance (TPOC) is established beyond the boundary of the source property in conjunction with monitored natural attenuation or active remediation.
  - (11) When a fifth year update to the status of a TPOC is issued.
  - (12) By placing warning signs at facilities where there may be a risk of exposure to the public of environmental media contaminated with hazardous waste.



- e. The Permittee shall give written notice to the Department's RCRA manager at least 15 days prior to physical alterations or additions to the facility that could affect activities covered by this permit. The notice shall include a summary description of the project, an evaluation of the effect it will have on: the operation of a hazardous waste facility, postclosure care, the ability to investigate contamination at or from a contaminated site, and an evaluation of the effect it might have on the known or suspected contamination.
  - f. Operating and Postclosure Permittees that generate hazardous waste, and all HSWA Corrective Action Permittees that are also a large quantity generator (LQG) of hazardous waste, shall submit a Biennial Report covering facility activities during the previous calendar year by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.
13. The Permittee shall comply with the following recordkeeping requirements:
- 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 all information required by the permit at the facility or other location designated by this permit. This includes records of all monitoring information (including all calibration and maintenance records and all original recordings for continuous monitoring instrumentation); copies of all reports; records of all data used to complete the permit application; and all monitoring data required by 40 CFR Part 264 and Part IV and when applicable, Part VI of 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. Any Remedial Action Plan as applicable for each contaminated site and associated cost estimate(s) shall be held until a Site Rehabilitation Completion Order is issued.
  - c. Records of monitoring information shall include all required items in Chapter 62-160, F.A.C., and the following information:
    - (13) The date, exact place, and time of sampling or measurements.
    - (14) The person responsible for performing the sampling or measurements.
    - (15) The dates that analyses were performed.
    - (16) The person responsible for performing the analyses.
    - (17) The analytical techniques or methods used.
    - (18) The results of such analyses.
  - d. If the Permittee generates hazardous waste, the Permittee shall retain a copy of all notices, certifications, demonstrations, waste analysis data, and other documentation produced to comply with land disposal restrictions (40 CFR Part 268 and Rule 62-730.183, F.A.C.) for at least three years from the date that the waste which is the subject of such documentation was last sent to an on-property or off-property facility for treatment, storage, or disposal, or until remedial activity is completed, whichever date is later. These periods may be extended by request of the Department at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.

14. Within the timeframe requested by the Department, the Permittee shall furnish any information required by law which is needed to determine compliance with the permit. If the Department's request does not include a timeframe, the time of response is 30 days. If the Permittee becomes aware that the relevant facts were not submitted or were incorrect in the permit application or any report submitted to the Department, such facts or information shall be corrected promptly.
15. Except as otherwise specifically provided in this permit, all submittals in response to permit conditions shall be provided as described below. Submittals may be directed to alternative addresses (*i.e.* electronic submittal) and will not require a permit modification. Technical submittals (*e.g.* workplans, reports) provided in digital format must be in optical media format (Cd or DVD) or through a secured internet port (*i.e.* username/password encryption) when one is available.

Environmental Administrator  
Florida Department of Environmental Protection  
Hazardous Waste Program & Permitting  
2600 Blair Stone Road, M.S. 4560  
Tallahassee, Florida 32399-2400

In addition to copies sent to Hazardous Waste Program and Permitting in Tallahassee, submittals in response to postclosure or operating permit conditions shall be sent to:

Hazardous Waste Supervisor  
Florida Department of Environmental Protection  
Southwest District Office, 13501 Telecom Parkway North,  
Temple Terrace, Florida 33637.

16. All documents submitted pursuant to the conditions of this permit shall be accompanied by a cover letter stating the name and date of the document submitted, the number(s) of the Part(s) and Condition(s) of the permit affected, the E.P.A. I.D. number, and the permit number and project name of the permit involved.
17. All documents involving the practice of engineering and/or geology must be submitted to the Department for review. Engineering-related documents shall be signed, sealed, and certified by a Professional Engineer registered in the State of Florida, in accordance with Chapter 471, F.S., and Subsection 62-730.220(9), F.A.C. All documents incorporating interpretation of geological data shall be signed and sealed by a Professional Geologist registered in the State of Florida in accordance with Chapter 492, F.S., and Subsection 62-730.220(10), F.A.C.
18. All work plans, reports, schedules and other documents ("submittals") required by this permit are subject to approval by the Department prior to implementation. The Department will review the submittals and respond in writing. Upon written approval by the Department, the Permittee shall implement all work plans, reports and schedules as provided in the approved submittal. If the Department disapproves a submittal, the Department will do one of the following:

- a. The Department will notify the Permittee in writing of the reason(s) why the submittal does not contain information adequate to support the conclusion, alternative, plan, proposal or recommendation, or why the conclusion, alternative, plan, proposal or recommendation is not supported by the applicable criteria. In this case, the Permittee shall submit a revised submittal within 60 days of receipt of the Department's disapproval unless an alternative deadline is approved in writing by the Department.
  - b. The Department will revise the submittal, or approve the submittal with conditions, and notify the Permittee of the revisions or conditions. In the case of work plans, the Department may notify the Permittee of the start date of the schedule within the revised or conditionally approved work plan.
19. The Permittee shall revise "Part I – General" of the Application for a Hazardous Waste Facility Permit [DEP Form 62-730.900(2)(a)] and submit the revised form to the Department within 30 days of any changes in the Part I information. Changes in the Part I information may also require changes to the Department's 8700-12FL form.
20. The Permittee may claim that any information required to be submitted by this permit is confidential in accordance with Chapter 403.73, F.S.
21. This permit is transferable only upon written Department approval in accordance with Rule 62-4.120 and Subsection 62-730.290(6), F.A.C., as applicable. The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. Before transferring ownership or operation of this facility during the term of this permit, the Permittee must notify the new owner or operator in writing of the requirements of 40 CFR Part 264 and Chapter 62-730, F.A.C.
22. The following conditions apply to renewal, modification and revocation of this permit:
- a. The Permittee shall submit a complete application for the renewal of this permit a minimum of 180 calendar days before the expiration of the permit. The permit renewal application shall be submitted in accordance with Rules 62-4 and 62-730, F.A.C.
  - b. The Department may modify, revoke, reissue, or terminate for cause this permit in accordance with Chapters 62-4 and 62-730, F.A.C.
  - c. The Permittee may submit any permit modification to the Department for approval. The filing of a request for a permit modification, revocation, reissuance, termination, notification of planned changes, or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any permit condition.
  - d. The Permittee shall submit the application for a permit renewal or modification to the addresses in Part I.15.
- (19) The Permittee shall submit a fee with the permit renewal or modification application that meets the requirements of Rule 62-730.293, F.A.C. A Permittee choosing to pay the fee on an annual basis shall submit the annual fee payment no later than the anniversary date of permit issuance.
- (20) The Permittee shall submit a copy of the cover letter accompanying the permit renewal or modification application and the fee to the following address:

Florida Department of Environmental Protection  
Permitting & Compliance Assistance Program  
2600 Blair Stone Road, M.S. 4500  
Tallahassee, Florida 32399-2400

- (21) The Permittee shall also submit notification of fee submittal, or notification of annual fee submittal, to the addresses in Part I.15.a., or by an alternate means (e.g., e-mail) as approved by the Department.
  - (22) The permit renewal or modification application fee may alternately be submitted electronically. If the Permittee intends to submit the application fee electronically, the Permittee shall obtain instructions from the Department on the proper procedures, and shall follow such instructions in making the electronic submittal. Notification per Part I.22.d.(3) is still required.
    - e. The timeframes for permit review begin on the date when the Department has received both the permit renewal or modification application and the application fee.
    - f. If the Permittee allows this permit to expire prior to Department acceptance of the certification of postclosure and termination of all corrective action, the Permittee must reapply for a permit in accordance with DEP Form 62-730.900(2), F.A.C.
    - g. Any request to modify a permit for the treatment, storage, or disposal of hazardous waste generated off-site shall include an evaluation of the applicability of, and Permittee's compliance with, the siting criteria of Section 403.7211, F.S., and Rule 62-730.182, F.A.C.
23. If and when the Permittee intends to transfer parcels to third parties, the Permittee may remove a parcel from the Facility covered by this permit, and the Department will approve the removal of the parcel so long as the parcel never contained a contaminated site, or so long as any contamination associated with the contaminated site has been addressed to the satisfaction of the Department. The Department will approve the transfer or removal of a parcel in writing.
- a. The satisfaction of the Department may be conditioned on a sale with certain legal restrictions on the future use and/or remedial activity requirements on the parcel being transferred.
  - b. Following the legal transfer of the property, a permit modification request to transfer the parcel from the permit must be made per Part I.22 within 30 days. A new facility map denoting the current property boundary and new property boundary legal description shall be submitted with the permit modification request.
  - c. Even though a parcel is no longer defined as part of the facility as a result of the permit modification (using the minor modification requirements of Subsection 62-730.290(4), F.A.C.), in the event that a previously unknown contaminated site is found on the parcel, and such contamination resulted from activities which occurred prior to the sale, the Permittee will be responsible for any corrective action along with any other persons who may have legal responsibility for the contamination (see Part V.A.1.b. regarding discovery of a new SWMU).
24. The following conditions apply to land disposal (placement) of hazardous wastes:

- a. 40 CFR Part 268 and Rule 62-730.183, F.A.C., identify hazardous wastes that are restricted from land disposal and defines those limited circumstances under which an otherwise prohibited waste may continue to be placed on or in a land treatment, storage, or disposal unit. The Permittee shall maintain compliance with the requirements of 40 CFR Part 268. Where the Permittee has applied for an extension, waiver, or variance under 40 CFR Part 268, the Permittee shall comply with all restrictions on land disposal under this Part pending final written approval of such application.
  - b. Waste identified in 40 CFR Part 268 Subpart C may not be placed in a land disposal unit without treatment unless the requirements of 40 CFR Part 268 Subparts C and/or D are met.
  - c. The storage of hazardous wastes restricted from land disposal in 40 CFR Part 268 is prohibited unless the requirements of 40 CFR Part 268 Subpart E are met.
25. The Permittee is not relieved of responsibility to clean up a release that has migrated beyond the facility boundary where off-property access is denied or revoked.
- a. The Permittee shall use all reasonable efforts, including but not limited to correspondence, telephone calls, personal contacts, drafting and redrafting agreements, and payment of a fee, to obtain access to real property necessary for work to be performed in the implementation of this permit.
  - b. If necessary access cannot be obtained by the Permittee, or if obtained, is revoked by owners or entities controlling access to the properties to which access is necessary, the Permittee shall notify the Department within five business days of such refusal or revocation. The Department may at any time thereafter seek to obtain such access as is necessary to implement the terms of this permit.
  - c. The Permittee shall reimburse the Department for any expenses that the Department is ordered to pay, or that the Department incurs in connection with its efforts to obtain necessary access to said property. The Permittee shall pay these sums to the Department, or arrange a payment schedule with the Department, within 30 days of demand by the Department. Payments shall be performed in accordance to Part I.22.d.
26. The Permittee shall maintain compliance with 40 CFR Part 264, Subpart H - Financial Requirements and Subsection 62-730.180(6), F.A.C. Financial assurance shall be based on estimates of the costs to close the facility and to implement postclosure care and/or corrective action (including the assessment phase and interim measures - collectively referred to hereinafter as "remedial activities") for a continuing (rolling) period of 30 years, unless this period is shortened or increased by the Department in a permit renewal or modification. Federal and State of Florida facilities are exempt from financial assurance requirements.
- a. The cost estimates must be based on the cost to the owner or operator of hiring a third party to conduct remedial activities.
  - b. The Permittee shall include cost estimates with every work plan required by this permit. Cost estimates are subject to review and written approval by the Department
  - c. In the event the total cost estimate for all remedial activities exceeds the amount provided by Permittee, the financial assurance instrument(s) must be increased



accordingly within 60 days of the exceedance, or, for those facilities using a financial test, in the next scheduled submittal.

- d. If the cost estimate increase causes the inability of the facility to provide financial assurance through its currently selected mechanism, alternate financial assurance must be provided within 60 days.
- e. All submittals relating to financial assurance shall be submitted to the following address. Where financial institutions allow digital submissions, alternate submittal mechanisms may be used without requiring a permit modification.

Financial Assurance Working Group  
Florida Department of Environmental Protection  
Permitting & Compliance Assistance Program  
2600 Blair Stone Road, M.S. 4548  
Tallahassee, Florida 32399-2400

- 27. Any dispute resolution will be conducted in accordance with Chapter 120, F.S. (Administrative Procedure Act), Chapter 28-106, F.A.C., and the Department's existing rules and procedures.
- 28. Where a provision in Chapter 62-780, F.A.C., conflicts with a specific, applicable requirement of 40 C.F.R. Part 264, the C.F.R. provision controls (Paragraph 62-730.225(1)(a), F.A.C.).

### **Part I Subpart A2 – Solid Waste General and Standard Conditions**

- 1. Facility Designation. The solid waste materials management facility portion of this site (SWMF) shall be classified as a materials processing facility for the processing of non-hazardous materials only.
  - a. Unless specifically stated otherwise in this permit, Special Wastes and Solid Wastes, may be accepted, processed, stored and managed at the SWMF only if the permittee performs, or requires the generator to perform, the analyses listed in the Waste Analysis Plan (WAP) (Engineering Report, Appendix J), at a minimum. As used in SWMF permit, the term "Special Wastes" means solid wastes that can require special handling and management, including, but not limited to, contaminated soils, used oil and filters, lead-acid batteries, asbestos, ash residue, mercury lamps & devices, universal wastes, and petroleum contact water. As used in the SWMF permit, the term "Solid Waste" is defined in Subsection 62-701.200(1070), F.A.C. "Solid Wastes" are materials which are not included in the definition of hazardous wastes pursuant to Chapter 62-730, F.A.C., or 40 CFR 261.3, and also do not exhibit the characteristics of hazardous wastes described in 40 CFR 261 Subpart C, and are not listed in 40 CFR 261 Subpart D.
  - b. If the generator performs the sampling and analyses, copies of the results shall be retained by the permittee in accordance with the recordkeeping requirements of the SWMF permit. Notwithstanding the sampling and analyses conducted pursuant to the Waste Analysis Plan, the permittee shall ensure that all materials are accepted, processed, stored or otherwise managed at this facility in accordance with the requirements of this permit.

2. Definitions. The following terms are defined as follows for the purposes of the SWMF:
- a. "Contamination" or "Contaminated" as defined in Subsection 62-780.200(11), F.A.C.
  - b. "Decanting" for the purpose of this permit means the process of allowing the waste (typically sludges) to settle into two or more phases. The liquid and/or sludge phase is physically removed from the remaining solid phase by pouring, pumping, or other similar method (Engineering Report., Sec 5.2.6).
  - c. "Impervious surface" means a surface which has been constructed to prevent the discharge of contaminants into or onto the soil mantle. Asphalt pavement shall not be considered "impervious" for the purposes of this permit. Concrete which has been sealed by a chemical resistant sealant, and which does not exhibit cracking, spalling, gouges, or other deficiencies, may be considered "impervious" for the purposes of this permit.
  - d. "Non-hazardous materials" are materials which are not included in the definition of hazardous wastes pursuant to Chapter 62-730, F.A.C., or 40 CFR 261.3.
  - e. "Petroleum contaminated soil" as defined by Subsection 62-713.200(6), F.A.C.
  - f. "Petroleum Contact Water" as defined by Subsection 62-740.030(1), F.A.C.
  - g. "Processing" means any technique designed to change the physical, chemical, or biological character or composition of any solid waste so as to render it safe for transport, amenable to recovery, storage or recycling, or safe for disposal, or reduced in volume or concentration. Pursuant to Section 403.704(16), F.S., and Subsection 62-4.070(3), F.A.C., with respect to the specific activities authorized at the SWMF permit, "Processing" does not include techniques designed to change the chemical or biological character or composition of any solid waste. However, "processing" does include the separation, consolidation and solidification of materials received based on physical characteristics, bulking and consolidation of materials from small containers into larger containers, separation of liquids and solids, and removal of free liquids from solids and semi-solids. "Processing" does not include "treatment".
  - h. "Segregation" for the purpose of the SWMF permit means the physical process of separating closed containers in a waste shipment into two or more distinct types of materials to improve waste management (Engineering Report., Sec. 5.2.4).
  - i. "Solidification/Stabilization" include "oil-dri", vermiculite, clay absorbents, clean soil, sawdust, and other materials which may change the physical characteristics (e.g. solid/liquid state), but not the chemical characteristics, of the materials. Sawdust from unadulterated wood is the only currently approved solidification agents approved for use at the SWMF (Engineering Report., Sec. 5.2.6).
  - j. "Stabilization Agents" include cement kiln dust, fly ash, lime, or other chemical reagents whose addition may alter the chemical characteristics of the materials. No stabilization agents are currently approved for use at the SWMF.
  - k. "Transfer" for the purpose of the SWMF permit means the recontainerization of solid waste that may not require further processing. Transfer operations include repacking, pumping, and/or emptying smaller containers of waste into larger containers such as 55-gal drums, tote tanks, roll-off containers, vacuum trucks, or



similar bulk containers (Engineering Report., Section. 5.2.5).Part II – Operating Conditions.

### **Part II Subpart A1 – General Hazardous Waste Operating Conditions**

1. The Permittee shall comply with those sections of 40 CFR Part 124 specified in Subsection 62-730.200(3), F.A.C., 40 CFR Parts 260 through 268, and 40 CFR Part 270 as adopted in Chapter 62-730, F.A.C., until all hazardous waste permitting operations have ceased and the facility has been closed and released from postclosure care requirements and all facility-wide corrective action requirements.
2. The Permittee shall comply with the manifest requirements of 40 CFR 264.71 and 264.72. All manifests, both electronic and paper, must be submitted to EPA's Hazardous Waste Electronic Manifest (e-Manifest) System. The Permittee must document the reconciliation of any manifest discrepancies.
3. The Permittee shall comply with the import and export provisions of 40 CFR 262 Subpart H, the notification requirements of 40 CFR 264.12, and maintain all applicable records for Department inspection.
4. The owner or operator of a facility that is authorized by the Department to receive hazardous waste from an off-site source (except where the owner or operator is also the generator) must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping.
  - a. The Permittee that receives hazardous waste from an off-site source shall comply with the following notification and reporting requirements:
    - (23) Unmanifested Waste Report: The Permittee shall submit an Unmanifested Waste Report to the Department within 15 days of receipt of unmanifested waste.
    - (24) Manifest Discrepancy Report: If a significant discrepancy in a manifest is discovered, the Permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the Permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
5. Sampling and analysis of permitted and new hazardous wastes shall be conducted in accordance with the Waste Analysis Plan of the permit application.
  - a. The Permittee is liable for waste profiles supplied by generators.
  - b. Prior to acceptance of new waste codes, a permit modification per Condition I.22 is required. The need for a substantial modification should be evaluated using the criteria in Subsection 62-730.182(4), F.A.C.
6. The Permittee shall comply with 40 CFR 264.17, 264.176, and 264.198, with respect to ignitable and reactive wastes. The Permittee shall comply with 40 CFR 264.17, 264.177 and 264.199, with respect to incompatible wastes.
7. If this facility has suspected or confirmed environmental contamination where there may be a risk of exposure to the public, then upon direction from the Department the

Permittee must comply with the warning sign requirements of Section 403.7255, F.S. and Rule 62-780.220, F.A.C. The Permittee is responsible for supplying, installing and maintaining the warning signs.

8. The Permittee shall comply with the security provisions of 40 CFR 264.14 and the facility security provisions of the permit application.
9. Facility personnel must successfully complete the approved training program indicated in the permit application, within six months of employment or assignment to a facility or to a new position at the facility. Verification of this training must be kept with the personnel training records and maintained at the facility. Personnel shall not work unsupervised until training has been completed. The training must be reviewed by facility personnel at least annually. The Permittee shall maintain an updated list of personnel handling hazardous waste and their respective job titles at the facility, along with a written description of the type and amount of both introductory and continuing training required by the position(s) in accordance with 40 CFR 264.16.
10. The Permittee shall maintain and operate the facility to minimize the possibility of fire, explosion or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
11. The Permittee shall comply with the following conditions concerning preparedness and prevention:
  - a. At a minimum, the Permittee shall have the equipment available at the facility which is described in the Prevention and Preparedness Plan (PPP) of the permit application. The Permittee shall visually inspect and maintain the facility emergency and safety equipment (40 CFR 264.32) listed in the PPP, in accordance with 40 CFR 264.15, 40 CFR 264.33 and the permit application, during permitted activities. The Permittee shall remedy any deterioration or malfunction discovered by an inspection, in accordance with the requirements of 40 CFR 264.15(c). A schedule for the inspection of the facility emergency and safety equipment must be maintained in the operating record of the facility. Changes, additions, or deletions to the schedule must be approved in writing by the Department.
  - b. The Permittee shall maintain immediate access to an internal communications or alarm system, fire protection equipment, spill control equipment and decontamination equipment.
  - c. The Permittee shall maintain arrangements with State and local authorities as required by 40 CFR 264.37, and with local medical facilities and emergency response personnel. If State or local officials refuse to enter into preparedness and prevention arrangements with the Permittee, the Permittee must document this refusal in the operating record. Authorities/facilities include local fire and police departments, sheriff's office, state police, hospitals, ambulance services and emergency medical technicians, and state and local emergency response centers.

- d. The Permittee shall maintain aisle space, as required pursuant to 40 CFR 264.35, to allow the unobstructed movement of personnel, fire protection, and emergency response equipment to any area of the facility.
12. The Permittee shall comply with the following conditions concerning the Contingency Plan (CP):
- a. The Permittee shall immediately carry out the provisions of the permit application, and follow the emergency procedures described by 40 CFR 264.56, whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which threatens or could threaten human health or the environment. The Permittee shall give proper notification if an emergency situation arises and, within five calendar days, must submit to the Department's RCRA Manager a written report which includes all information required in Condition I.12.b.
  - b. The Permittee shall comply with the requirements of 40 CFR 264.53. Electronic copies of the CP must be submitted to the authorities/facilities in Condition II.A.11.c., provided the entity has the capability to receive electronic submittals.
  - c. Within seven calendar days of meeting any criterion listed in 40 CFR 264.54(a), (b) or (c), the Permittee shall amend the plan and submit the amended plan for Department approval. Any other changes to the plan must be submitted to the Department within seven days of the change. Amendments to the plan must be approved in writing by the Department. All approved amendments or plans must be distributed to the State and local authorities in Condition II.A.11.c.
  - d. The Permittee shall comply with the requirements of 40 CFR 264.55, concerning the emergency coordinator.
  - e. The Permittee shall perform at a minimum, an annual review of the Contingency Plan to ensure that it is up to date and contains current information. The date of review should be noted in the written operating record at the facility.
13. The Permittee shall develop and maintain a Waste Minimization Program Plan. The Permittee shall maintain copies of the certification required by this Condition in the facility operating record for a minimum of three years. The Permittee must certify, no less often than annually, the following per 40 CFR 264.73(b)(9):
- a. The Permittee has a program in place to reduce the volume and toxicity of hazardous waste generated to the degree determined by the Permittee to be economically practicable.
  - b. The proposed method of treatment, storage or disposal is the most practicable method available to the Permittee, which minimizes the present and future threat to human health and the environment.
14. The Permittee shall keep a written operating record at the facility that includes the following:
- a. The results of any waste analysis.

- b. Copies of hazardous waste manifests for three years. For e-manifests, this condition is satisfied by the retention of the facility's electronic manifest copies in its account on the e-Manifest system, provided such copies are readily available for viewing and production if requested by the Department inspector.
- c. The results of inspections.
- d. The closure plan, postclosure plan, and remedial action (corrective measures) plans as applicable for each contaminated site, along with cost estimates for each plan.
- e. Inspections of emergency and safety equipment.
- f. Biennial reports.
- g. Personnel training records.
- h. The Waste Minimization Program Plan and annual certification of waste minimization.
- i. The description and quantity of each hazardous waste received or generated.
- j. The location and quantity of each hazardous waste within the facility.
- k. Notices to generators as specified in 40 CFR 264.12(b).
- l. A log of dates of operations and unusual events.
- m. A summary report and details of incidents that require implementation of the contingency plan.
- n. The date of annual review of the Contingency Plan.
- o. Monitoring and test data for 40 CFR 264 Subparts AA, BB, and CC requirements.
- p. Documentation that local officials have refused to enter into preparedness prevention arrangements with the Permittee, when applicable.

## **Part II Subpart A2 – General Solid Waste Operating Conditions**

1. The permittee shall operate the SWMF in accordance with Rule 62-701.710, F.A.C., Volume 2 of 3 Permit Renewal Application, Operation of Solid Waste Processing Facility for US Ecology Tampa, Inc., dated October 4, 2023 as revised, replaced, or amended by information received November 17 and December 20, 2023, including the facility Operation Plan (Engineering Report., Appendix F), and other operational information included in Volume 2 of 3.
2. All processed materials shall be transferred to, or disposed of at, an appropriately permitted disposal or treatment facility. The permittee shall not transfer any material, processed or unprocessed, for treatment or disposal, to a facility not specifically approved for the disposal or treatment of such materials.
  - q. In accordance with Chapter 62-713, F.A.C., only petroleum contaminated soils from the SWMF may be disposed of at a permitted soil thermal treatment facility. Waste solids and debris, waste liquids, PPE, and waste sludges shall not be disposed of at a soil thermal treatment facility permitted under Chapter 62-713, F.A.C. (Engineering Report., Sec. 4.2).
3. Incompatible materials shall not be combined during receipt, storage or processing at the SWMF.
4. Waste streams generated by the operation or maintenance of the SWMF and equipment shall be managed such that any residual contaminants (such as gasoline, oil, antifreeze,

etc.) shall be stored such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the ground or into surface or groundwaters.

5. In the event that the processing equipment becomes inoperable, the permittee shall complete repairs, or provide reserve equipment, within one week of discovery of the equipment failure. In the event that sufficient reserve equipment is not available within one week of the equipment failure, and the facility has reached its permitted storage capacity, the SWMF shall not accept additional waste materials until sufficient equipment is operating at the site.

#### 6. Solid Waste Facility – Authorized Waste Types

- a. Materials which are permitted to be accepted, processed, stored or otherwise managed at the SWMF are limited to the non-hazardous materials identified below (Engineering. Report., Sec 4.1).
  - i. Petroleum contaminated soil.
  - ii. Petroleum contaminated sorbent materials (e.g. pads, booms, etc.) and personal protective equipment (PPE).
  - iii. Petroleum contact water as defined in Chapter 62-740 F.A.C. Part I Subpart A2. 2. f., above.
  - iv. Petroleum contaminated sediments, sludges and liquids which originate from oil/water separators at residential car washes, rollover car washes, and tunnel car washes as defined in Subsection 62-660.803(3), F.A.C.
  - v. Materials identified in Section 4.1 of the Engineering Report.
  - vi. Other industrial solid wastes, as defined in Subsection 62-701.200(52), F.A.C., which are not included in the definition of hazardous wastes pursuant to Chapter 62-730, F.A.C or 40 CFR 261.3.
- b. Unless specifically stated otherwise in this permit, the materials listed in Part I Subpart A2. 1.a., above, may be accepted, processed, stored and managed at the SWMF only if the permittee performs, or requires the generator to perform, the analyses listed in Waste Analysis Plan, at a minimum. If the generator performs the sampling and analyses, copies of the results shall be retained by the permittee in accordance with the recordkeeping requirements of this permit. Notwithstanding the sampling and analyses conducted pursuant to the Waste Analysis Plan, the permittee shall ensure that only non-hazardous materials as defined in Part I Subpart A2. 2.d., above, are accepted, processed, stored or otherwise managed at the SWMF.
- c. Materials not specifically listed or described in Part II Subpart A2 6.a., above, may only be managed at the SWMF on a case-by-case basis with prior approval from the Department.
- d. This permit does not authorize the acceptance, storage, processing or other

management of putrescible solid wastes, biomedical, polychlorinated biphenyl, or radioactive wastes at the SWMF (Engineering. Report., Section. 4.1).

- e. The SWMF permit does not specifically authorize the acceptance, processing, storage or other management of materials regulated pursuant to Chapter 62-710, F.A.C. and 40 CFR 279, and Chapter 62-737, F.A.C. The management of these materials may require a separate Department permit.
- f. Incompatible materials which may produce effects such as fire, explosion, violent reaction, or toxic gases shall not be combined during receipt, storage or processing at the SWMF.
- g. Asbestos may be managed at the SWMF pursuant to 29 CFR 1910.1001 and 40 CFR 61.
  - i. Asbestos shall not be mixed with non-asbestos containing materials at the facility, provided original packaging of asbestos remains intact. Asbestos may not be added to other solid wastes or shredded.
  - ii. Asbestos may be re-containerized or consolidated with other asbestos materials at the facility, provided the original packaging of the asbestos remains intact. Asbestos may not be added to other solid wastes or shredded.
  - iii. Friable asbestos which is disposed within the State of Florida, shall be disposed at a Class I or Class III landfill authorized and permitted by the Department.
- h. The SWMF permit does not authorize the management of household hazardous wastes as (described in 40 CFR 261.4), or hazardous wastes generated by very small quantity generators (VSQGs) regulated under 49 CFR 262.

#### 7. Solid Waste Management Facility – Operating Personnel

- a. The owner or operator shall be responsible for operating and maintaining the SWMF in an orderly, safe, and sanitary manner.
  - i. A sufficient number of trained personnel shall be available to adequately operate the SWMF in compliance with this permit. Training requirements shall include courses appropriate to ensure proper facility operation and management of wastes. Training documentation shall be maintained at the facility, and copies shall be provided to the Department upon request.

#### 8. Solid Waste Management Facility – Control of Access

- a. Access to, and use of, the facility shall be controlled as required by Subsection 62-701.500(5), F.A.C. Adequate access to the waste processing facility and storage areas shall be provided for all weather conditions.

#### 9. Solid Waste Management Facility – Monitoring of Waste

- a. Hazardous Waste or Hazardous Substances. The owner or operator shall ensure that the materials accepted at the SWMF are non-hazardous materials as described in Part I Subpart A2 .2. d. above. In the event that hazardous waste, or materials which do not



comply with the definition in Part I Subpart A2 2.d., above, are received at the SWMF, these materials shall be immediately transported and stored in the area of the facility designated for hazardous waste storage. Every effort shall be made to determine the origin of the waste, and the waste shall be characterized and disposed of in accordance with applicable federal, state and local regulations.

b. Waste Characterization

- i. "Generators knowledge" shall not be the sole basis for acceptance of the representation of the material as non-hazardous.
- ii. Safety Data Sheets (SDS) may be acceptable for determining the character of the waste for virgin (unused) materials.

c. Waste Acceptance

- i. Materials shall be accepted in accordance with the Engineering Report, Operation Plan, Waste Analysis Plan, and other information listed in Part II Subpart A2 6., above.
  - ii. Prior to acceptance of materials at the SWMF, the permittee shall perform, or shall require the generator to perform, the minimum sampling and analysis, required by Waste Analysis Plan of this permit. Records which correlate and track the samples taken, analytical results, and waste shipments (received and disposed) shall be maintained at the facility and shall be provided to the Department upon request.
  - iii. In the event that a consistent industrial waste stream is received, documentation which includes the original analytical results, a description of the process which produced the waste, confirmation by the industrial facility indicating that the process has not changed since the analyses were performed, and the pre-acceptance evaluation information specified in Section 2.0 of the Waste Analysis Plan, shall be acceptable as "pre- acceptance analyses" for the SWMF permit. The recertification from the industrial facility shall be re-submitted biennially, by the anniversary date of the original Waste Approval from this materials processing facility (Waste Analysis Plan Sec. 2.0).
  - iv. In the event that materials which are received do not correlate with the associated Waste Profile Sheet and/or Non-Hazardous Waste Manifest, a description of the discrepancy and actions taken shall be recorded. A summary of these incidents shall be provided to the Department upon request.
- d. Solid Waste Management Facility – Solid Waste Disposal
- i. The permittee shall ensure that the materials which are disposed have been adequately characterized to meet the intended disposal facilities' acceptance criteria.
  - ii. Pursuant to Subsection 62-660.803(5), F.A.C., contaminated liquids from car (or truck) wash oil/water separators shall be disposed of at a Department permitted wastewater treatment facility or a pre-treatment facility connected to a department-permitted wastewater treatment facility. Oil/water separator sludges, as described in Operational Plan shall be disposed of at a Class I solid waste landfill authorized by the Department.
  - iii. A minimum of 10 percent of the containers (or one container, whichever is greater) for each waste stream for Special Wastes and Solid Wastes shall be sampled and analyzed in accordance with the Waste Analysis Plan (WAP) prior to removal off-site for disposal (WAP, Section. 4.0). The sampling locations shall be selected such that the samples taken are representative of the load/batch/mixture of wastes which are



being removed for disposal. Testing shall include mandatory fingerprint analysis, and TCLP testing or other suitable testing to demonstrate the acceptability to the disposal facility.

10. Solid Waste Management Facility – Control of Nuisance Conditions

- a. The owner or operator shall be responsible for the control of odors and fugitive particulates arising from construction and operation of the SWMF. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

11. Solid Waste Management Facility – Facility Maintenance and Repair

- a. The SWMF shall be properly maintained including building maintenance, maintenance of processing equipment, containment systems, leachate collection and removal system, impervious surfaces and stormwater systems.
- b. In the event of damage to any portion of the waste processing site facilities, equipment, leachate collection and removal system, storage areas, or buildings, failure of any portion of the associated systems, fire, explosion, or any spill outside of the secondary containment areas which discharges to the environment, the permittee shall immediately (within 24 hours) notify the Department explaining such occurrence, method to prevent reoccurrence, remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department within seven (7) days following the occurrence.

12. Solid Waste Management Facility – Stormwater System

- a. The site shall continue to have a stormwater management system operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.
- b. Runoff from the sawdust pile shall be managed such that the stormwater management system is not adversely affected (e.g., sediment control).

13. Solid Waste Management Facility – Drainage Requirements and Leachate Management

- a. All areas shall be cleaned at the end of each day's operation, or as needed, to prevent nuisance conditions, hazardous conditions, odor or vector problems. Floors shall be free of standing liquids.
- b. Floors, asphalt-paved or concrete areas shall be free of standing contaminated liquids or leachate. The Improved Secondary Containment Area, Staging Area, Waste Processing Building, and Solid Waste Operations Area, (shown on Figure 6 of the Engineering Report.) shall be maintained such that the ponding of water is prevented.
- c. Except for discharges to permitted disposal facilities by approved methods, liquids shall not be discharged outside of the leachate containment areas of the Improved Secondary Containment Area, Waste Processing Building and Solid Waste Operations Area.
- d. All drains, piping and leachate collection trenches and sumps shall be visually inspected for damage and clogging at least daily and shall be cleaned or repaired as required. In the

event that liquids do not free flow into the trench, the grates shall immediately (within 24 hours) be removed, and the trench cleaned.

- e. Spillage, drippage, or other discharges in the SWMF area of the of the Waste Processing Building, which may be incidental to the processing operation, shall be managed in accordance with the procedures in Volume 2 Section 6.2.4 and the facility Contingency Plan (Engineering. Report., Appendix Q). Liquid in the SWMF that drains to the sump in the northern portion of the Waste Processing Building will be managed consistent with the waste that caused the leak and disposed in the SW-ESU or managed and disposed of as solid waste leachate. Spills of liquid in the SWMF that drain to the sumps the Waste Processing Building will be managed and disposed as indicated in the Operational Plan.
- f. Solid Wastes
  - i. In the event that liquid or semi-solid materials of this type are spilled, leaked, dumped, or otherwise discharged during processing such that these materials, or constituents thereof, enter the trench drain(s) system, then the requirements of Part II Subpart A2 13.e., above, apply to the management of the discharge. If the material does not enter the trench drain(s) system, the materials shall be removed from the affected area, but decontamination is not required.
  - ii. In the event that solid materials of this type are spilled, leaked, dumped, or otherwise discharged during processing such that liquids (e.g. stormwater) contacts these materials, and the liquids, solids, semi-solids, or constituents thereof, enter the trench drain(s), then the requirements of Part II Subpart A.2 13. e., above, apply to the management of the discharge. If the material or liquids which have contacted the waste material does not enter the trench drain(s) system, the materials and contact (contaminated) liquids shall be removed from the affected area, but decontamination is not required.
  - iii. In the event that liquid or semi-solid materials of this type are spilled, leaked, dumped, or otherwise discharged during processing in the Waste Processing Building, such that these materials, or constituents thereof, enter the floor sump, these materials shall be pumped/vacuumed and processed into roll-off containers within 24 hours of occurrence.
- g. Discharges described in Part II Subparts A2 13 e. & f., above, shall be documented in the Facility Inspection Log or other appropriate records.

#### 14. Solid Waste Management Facility – Materials Management and Storage

- a. Material Storage. Materials shall be stored as shown on Figure 11 - Waste Management Area Locations (Engineering Report., Figure 11), and as otherwise indicated on the Figures and Drawings in the Engineering Report. All materials shall be stored on impervious surfaces.
  - i. Waste storage and management associated with the SWMF in the Staging Area is limited to the temporary staging of covered tractor-trailers of in- bound or out-bound wastes, the unloading, loading or temporary staging (up to 48 hours) of non-bulk covered containers, and the storage of recyclable materials in designated recyclable storage areas (Engineering Report., Sections. 5.2.3 & 6.2.3). The staging of a vacuum tanker/truck is also permitted in the in-bound out-bound staging area overnight (up to 12 hours) or over the weekend or a company/facility holiday shutdown. Solid and semi-solid waste materials may be staged in the staging area only if the containers,

- vehicles, etc., are covered or enclosed, and non-leaking, and are constructed of, or lined with, materials compatible with the wastes stored and:
- (1) Stormwater from the staging area which may have contacted waste residues on the storage containers is contained and managed as leachate; or
  - (2) Stormwater from the staging area which may have contacted waste residues on the storage containers is contained, sampled and analyzed, and the analyses demonstrate that the contaminated stormwater does not exceed Department water quality standards; or
  - (3) The exterior of all containers has been decontaminated such that waste residues do not contact stormwater.
- ii. Waste storage and management associated with the SWMF in the Solid Waste Operations Area is limited to the temporary staging of roll-off containers of solids or solidified wastes that have been processed in the Waste Processing Building (Engineering Report, Sections. 5.2.3 & 6.1.5).
  - iii. Waste storage and processing associated with the SWMF is limited to the Waste Processing Building, the Improved Secondary Containment Area, and the Container Storage Building. Waste staging, segregation and the storage of recyclables may also occur in these areas.
  - iv. The maximum quantity of material stored at the SWMF shall be in accordance with Waste Storage and Containment Calculation (Engineering Report., Appendix G).
  - v. Stored materials will be processed and shipped off site within 60 working days of receipt. In the event that a specific waste stream will be stored for longer than 60 working days, the permittee shall notify the Department prior to exceeding the 60 working day storage limit (Engineering Report., Section. 5.2.3).
- b. Materials Processing. All materials shall be processed on impervious surfaces in the processing areas or inside the processing buildings as shown on Figure 11 - Waste Management Area Locations, and as otherwise indicated on the Figures and Drawings in the Engineering Report. All materials shall be processed on impervious surfaces.
- i. Waste processing activities associated with the SWMF include, storage, transfer (recontainerization), decanting, filtration, solidification, and shredding of waste (Engineering. Report., Section. 5.2.6). Solidification and shredding of solid waste associated with the SWMF is limited to the designated areas in the northern portion of the Waste Processing Building (Engineering Report., Sections. 5.2.6 & 6.2.4).
  - ii. Liquids shall be managed in a manner which minimizes leakage, spillage, and other discharges of materials to the processing and storage areas.
  - iii. The trench drain(s) system sump pump shall be disabled during all processing activities and at any time that containers are open within the processing area. The sump pump shall not be enabled until the processing and storage area have been inspected for spillage, and appropriate cleanup actions have been taken in accordance with Part II Subparts A.2 13. e. & f., above. The Facility Inspection Log shall document that the sump pump has been disabled during processing activities.
  - iv. Filtration of liquids shall be conducted at the SWMF by pumping liquids through a filter media, as specified in Section 5.2.6 of the Engineering Report.
  - v. During liquid transfer and processing operations, the truck and all associated hoses and equipment shall be located within processing area such that spillage outside of the trench drain(s) system does not occur.

- vi. Solidification/Stabilization: Solidification/Stabilization at the SWMF shall be conducted in accordance with the procedures in Section 5.2.6. & Section 5.3 of the Engineering Report and the Standard Operating Procedure (SOP) - Solidification in the Operation Plan (Engineering Report., Appendix F, SOP #OPS-OP-031-FLA).
  - vii. Materials which are mixed using a backhoe or similar equipment shall be processed in accordance with the procedures in Section 5.3 of the Engineering Report.
  - viii. Shredding of the waste at the SWMF shall be conducted in accordance with Procedures in Section 5.2.6 and Section 5.3 of Volume 3 and Standard Operating Procedures (SOP) – Operation of Shredder/Conveyor System in the Operation Plan (Engineering Report., Appendix C, SOP #OPS-OP-030-FLA). Solid waste shredding is limited to containers that are not larger than a 5-gallon bucket (Appendix C, SOP #OPS-OP-030- FLA, Section 1.7.2: Engineering Report Section 5.3). Spillage and leakage from the shredding operation shall be prevented.
15. Solid Waste Management – Fire Safety
- a. A fire safety survey shall be conducted at least annually. The fire safety inspection report shall be maintained at the facility for five years and copies shall be provided to the Department upon request.
  - b. In the event that deficiencies are noted in the annual fire safety inspection report, within 30 days of completion, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted. The documentation shall include approval of the corrections by the local fire authority.
16. Solid Waste Management – Operations Plan and Operating Record
- a. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspection. Operating records as required by Subsection 62-701.710(9), F.A.C. are part of the operations plan, and shall also be maintained at the site.
  - b. Proposed changes to the current Department approved Engineering Report [or Operation Plan] shall be submitted in writing to the Department for review and may require a permit modification. The Engineering Report and Operation Plan shall be updated as operations change and for renewal of the permit. Revised pages shall be provided as replacement pages with revisions noted (deletions may be struckthrough [~~struckthrough~~] and additions may be underlined [underlined] or a similar method may be used) and each page numbered with the document title and date of revision.
17. Solid Waste Management – Waste Records
- a. The owner or operator of the SWMF shall maintain the records at the site, and provide to the Department, upon request, the following waste records for the SWMF (at a minimum, the most recent three years):
    - i. The amount of material received, stored, processed and disposed. The amount of material shall include: the quantities of Special Wastes and Solid Wastes received (mixed wastes, bulk solids and liquids recorded separately), the quantities of Special Wastes and Solid Wastes (mixed waste, bulk solids and liquids recorded separately) removed from the site, and the disposal location (name, location, type of facility) for each Category and type (e.g. solid, liquid) of material.

- ii. Documentation of any spillage, leakage, or other discharges, and the corrective measures implemented, as required by Part II Subparts A2 13.e. and f. above.
  - iii. The Waste Profile Form, Lab Pack Container Contents sheet, and Waste Manifests, for each drum or shipment of Special Wastes and Solid Wastes accepted at, and removed from, the SWMF facility.
  - iv. The pre-burn pre- analyses, as required by Chapter 62-713, F.A.C., for each shipment (batch) of petroleum contaminated soil from separate contaminated soil which is received at the SWMF facility for those materials which are transferred to a permitted soil thermal facility. As used in this permit, the term “petroleum contaminated soil” means soil which has become contaminated with one or more of the following liquid products made from petroleum: all forms of fuel known as gasoline, diesel fuel jet fuel, kerosene, grades 2 through 6 fuel oils, crude oil, bunker C oil, residual oils; and non-hazardous petroleum-based lubricating, hydraulic and mineral oils.
  - v. The pre-acceptance analyses required by the Waste Analysis Plan.
  - vi. In the event that a consistent industrial waste stream is received, documentation which includes the original analytical results, a description of the process which produced the waste, and confirmation by the industrial facility indicating that the process has not changed since the analyses were performed, shall be acceptable as “pre-acceptance analyses” for this permit. These records shall be maintained on site and provided to the Department upon request.
  - vii. The analyses all processed materials, if required by the disposal facility, and documentation indicating the acceptance of the material at the disposal or treatment facility for each shipment from this permitted facility.
  - viii. Documentation that all sampling and analyses performed by the permittee for the characterization of other generators wastes in accordance with a Department approved Quality Assurance Plan. Documentation may consist of a title page, dated and signed by the Department’s Quality Assurance Section. Sampling and analysis performed by the permittee for the verification of the waste characterization submitted by other generators in accordance with the Waste Analysis Plan.
  - ix. For “off-spec” virgin materials, a description of the basis for classifying the material as “off-spec” and analytical results (if required), shall be maintained at the Facility and provided to the Department upon request.
  - x. Solidification/Stabilization records as specified in SOP #OPS-OP-031- FLA.
  - xi. Facility maintenance and inspection logs.
  - xii. Equipment Decontamination Logs
18. Solid Waste Management - Financial Assurance. The owner or operator shall provide adequate financial assurance for the SWMF in accordance with Subsection 62-701.710(7) and Rule 62-701.630, F.A.C.
- a. All costs for closure shall be adjusted and submitted annually, by March 1st each year, to  
Michael B Miller  
Compliance Assistance Program  
Southwest District Office  
Department of Environmental Protection  
[SWD\\_Waste@FloridaDEP.gov](mailto:SWD_Waste@FloridaDEP.gov)



- b. Proof that the financial mechanism has been adequately funded shall be submitted annually to:

Financial Assurance Working Group  
Hazardous Waste Programming and Permitting, M.S. 4548  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

## **Part II Subpart B – Specific Operating Conditions**

### **Part II Subpart B1 – Specific Hazardous Waste Operating Conditions**

1. Containers shall be kept closed except when adding or removing waste and be handled in a manner that will not allow the containers to rupture or leak. If a container holding hazardous waste is not in good condition, or begins to leak, the waste shall be transferred to another container in good condition [40 CFR Parts 264.171, 264.173].
2. The Permittee shall use containers that are compatible with the hazardous waste to be stored to comply with the requirements of 40 CFR Part 264.172.
3. The Permittee shall not store incompatible waste in containers or place it in unwashed containers or place it in unwashed containers that have previously held incompatible waste [40 CFR 264.177].
4. The Permittee shall inspect the container loading/unloading areas as well as the container storage areas in accordance with the schedule and procedures identified in the application and 40 CFR 264.174.
5. Any unknown waste shall be segregated from all other hazardous wastes until it is identified by analysis and a compatibility group is assigned.
6. The Permittee shall not store incompatible wastes in the same bay or in bays having the same containment system. Incompatible waste shall be physically separated by a dike, berm or other approved device in accordance with 40 CFR Part 264.177(c).
7. The Permittee shall store all “cyanide bearing” waste in storage area 2A located in Bay 2. “Cyanide bearing” waste includes D003 wastes that meet the definition under 40 CFR Part 261.23(a)(5) and any “listed” wastes that has any form of cyanide as a “Basis for Listing” under 40 CFR Part 261 Appendix VII (e.g., F006-F012, F019, K007, K060).
8. Hazardous waste must be compatible with the secondary containment systems and liners of the storage bays and covered, improved secondary containment area [40 CFR 264.175(b)].
9. Spilled or leaked waste and accumulated precipitation from the container storage and temporary staging areas must be removed from the sumps the same day the waste is discovered to reduce the potential of overflow in the secondary containment collection system.
10. Liquids that accumulate in the containment sumps will be sampled, analyzed and managed as described in Section 10.5 of the permit application.
11. The container loading/unloading areas shall be clear of any liquids and/or debris at all times.



12. The Permittee shall comply with the 15-meter (50-foot) setback rule concerning the locating of ignitable and reactive wastes in containers per 40 CFR 264.176.
13. All service vehicle trucks, roll-offs, tractor trailers, and vacuum tankers/trucks shall be situated over a manmade surface having emergency liquid containment or at one of the unloading areas when the vehicle contains hazardous waste.
14. Vehicles with incoming shipments of hazardous waste shall be unloaded into the appropriate storage area within five (5) calendar days of the vehicle's arrival at the facility. Vehicles being loaded for outgoing shipment shall leave the facility within ten (10) calendar days of the first container of hazardous waste being placed on the vehicle. Documentation of the above shall be maintained in the facility's operating record. The above does not apply to vehicles transporting hazardous waste for which the Permittee is acting solely as a transfer facility. Appropriate documentation verifying transfer facility activity shall be maintained in accordance with Rule 62-730.171(6), F.A.C.
15. The Permittee shall not allow pass-through bulk waste shipments to be held at the facility in excess of 24 hours.
16. An inventory shall be taken each business day and recorded on the daily inventory logs. This inventory is to be taken at about the same time each day, i.e. at the opening of each business day or at the end of each business day.
17. The inventory of containers that have been loaded onto transport vehicles for outbound shipment and have not left the facility shall be counted towards the maximum storage area inventory of 50,000 gallons. This shall include the total container storage volume within the permitted CSB and the covered, improved containment area (ISCA) and the staging area (I/O). The inventory of waste received at the facility which remains unloaded on the transport vehicle shall not be counted towards the maximum capacity of the facility but shall be included in the closure plan, financial assurance documents, and inspection logs.
18. The maximum quantity of waste received at the facility that remains unloaded shall not exceed 20,000 gallons at any one time. The unloaded waste shall not be counted toward the facility's daily hazardous waste capacity.
19. The Permittee can arrange for the generator of a hazardous waste to supply all or part of the information for a physical and chemical analysis. If the generator does not supply a complete characterization and the Permittee chooses to accept that hazardous waste, the Permittee is responsible for the waste characterization.
20. A waste characterization must be performed when the generator changes the waste-generation process (§§264/265.113(d)). If the Permittee is aware that waste generation processes have changed, and a new/updated waste characterization has not been provided by the generator, the Permittee chooses to accept the waste, the Permittee is responsible to perform the characterization.
21. Safety Data Sheets shall only be used as a screening tool to determine the presence of Underlying Hazardous Constituents.

22. Container arrangement is identified in Figure 17 of the 2023 permit renewal application. Any change to the container arrangement in any bay requires prior approval by the Department.
23. The Permittee may store non-regulated materials in the regulated storage area provided:
- a. The containers are managed according to 40 CFR 264 Subpart I.
  - b. The volumes of non-regulated materials are included in calculating the total volume of liquid to be stored in the regulated storage area.
  - c. The Permittee shall maintain the required aisle spacing in the storage area for both the regulated and non-regulated materials in accordance with 40 CFR 264.35.
  - d. The Permittee assures that non-regulated materials have labels indicating the contents of the containers and that the materials are non-regulated.
  - e. The Permittee includes the daily inventory of non-regulated material in the facility operating record.
  - f. The Permittee manages all containers in a manner that ensures a release will not occur.
  - g. The non-regulated materials are compatible with other material in that storage area.
24. The Permittee shall clearly mark upon receipt of shipment each container of hazardous waste restricted from land disposal with the following information:
- a. A description of the contents, including all applicable EPA waste identification numbers.
  - b. The date the waste was received at the facility.
25. Waste Code K062 is added to the list of hazardous wastes codes (D002 and D004 through D011) that are currently permitted for treatment within the WPB. K062 is the waste code for 'spent pickle liquor' from steel finishing operations generated by facilities in SIC 331 and 332 Industry Groups - Steel works, blast furnaces, and rolling and finishing mills, as iron and steel foundries. EPA's Office of Solid Waste (OSW) defines "steel finishing operations" as processes which impart desired mechanical and surface characteristics to steel.
26. This permit provides for a permitted storage capacity of 180 drums or a maximum capacity of 9,900 gallons of hazardous waste (waste codes D002, D004 through D011, and K062 in the WPB for up to 365 days (Table 2). The permitted chemical storage area in the WPB will include containers of 'characteristic' and K062 hazardous waste received by US Ecology Tampa, Inc. as solids, liquids, and sludges. These hazardous waste materials will be stored in the proposed designated storage area (See Inset, Figure 18 of the application) awaiting treatment by 'neutralization' and 'stabilization' in the hazardous waste treatment tank. The increased maximum storage capacity shall not be exceeded at any time. Once a batch of fully characterized hazardous waste chemicals has been added to the treatment tank and is undergoing treatment and solidification, an additional batch of fully characterized hazardous waste chemicals, up to the maximum permitted storage capacity of 9,900 gallons, can be placed in the storage area in the WPB pending treatment. Once a treatment batch has undergone treatment and solidification as confirmed by a positive Paint Filter Test (PFT) result, the treated materials can be offloaded into roll-offs and counted against the 800 cubic yards (CY) capacity of the Bulk Container Storage Areas (BCSAs). Offsite

consequence modeling has been undertaken to determine the risk of offsite consequences as per Florida Statutes (F.S.) 403.7211 – Hazardous Waste Facilities managing hazardous wastes generated offsite and is provided in Appendix N of the 2023 Permit Renewal Application. The WPB is designated as SWMU 7.

27. US Ecology Tampa, Inc., is permitted to store 800 CY of post-treated (via stabilization) and solidified formerly characteristic and/or K062 hazardous waste in dump trailers, or a maximum of forty (40) 20 CY roll-off boxes, of post-treated (via stabilization) and solidified formerly ‘characteristic’ and/or K062 hazardous material within the footprint of the asphalt-covered parking lot located on the south side of E. 9th Avenue within the BCSAs illustrated on Figure 8 in the 2023 Permit Renewal Application. The treated material will be placed in roll-offs and positioned inside of the three designated and permitted BCSAs only after US Ecology Tampa, Inc. has confirmed that no free liquids exist within each given ‘batch’ of material being treated within the hazardous waste treatment tank by administering one (1) ‘PFT’ per batch (Appendix J, Volume 3 of 3, and the Waste Analysis Plan (WAP). Sampling protocols for PFTs and subsequent ‘toxicity characteristics leaching procedure’ (TCLP) analyses are provided in the WAP. The proposed storage area meets the 40 CFR 264.175(c) containment system requirements for the storage of containers holding wastes that do not contain free liquids. As a further safeguard, a ‘cracks and identification and repair program” (SOP OPS-078-FLA, Appendix J, Volume 3 of 3) will ensure that the asphalt parking lot remains sufficiently impervious. In addition, the parking lot is sloped in a manner that drains participation away from the storage area and stored bulk containers; the bottoms of bulk containers are elevated 6-8 inches above the ground which protects the base of the containers from contact with accumulated liquids. The 20-CY roll-off boxes are designed for hazardous transportation and are DOT-approved. All proposed storage within the BCSAs shall be managed, permitted and financially assured as hazardous waste until receipt of laboratory analytical confirmation declares the waste as ‘non-hazardous until receipt of laboratory analytical confirmation declares the waste as ‘non-hazardous and no longer characteristic.’ If the treated material fails the initial screening and is still characteristically hazardous or fails to meet land disposal restriction (LDR) or PFT, it will be re-treated until it has been confirmed that the treated waste is physically solid and no longer retains hazardous characteristics. In addition, non-hazardous waste may be stored within the BCSAs (provided the 800 CY maximum capacity is not exceeded) and will not be counted toward the facility’s hazardous waste capacity provided that the proper labeling procedures have been undertaken. The BCSAs are designated as SWMUs 20a through 20c, as illustrated on Figure 12 of the 2023 permit application.

28. 10-day Transfer Facility (SWMU 11): The 10-Day Transfer Facility is used to store manifested hazardous waste on site for no longer than ten (10) days as allowed for transfer facilities. It will not be utilized for any waste where US Ecology Tampa, Inc. is the designated facility on the manifest or originated at the facility where US Ecology Tampa Inc. is listed as the generator. Vehicles and trailers parked in this area are marked as a 10-Day vehicle/trailer to avoid being confused with other vehicles/trailers that may also be located in the same vicinity. The 10-day identification tags are clearly visible and include the vehicle/trailer number, manifest document number, start date,

destination, container count and total gallons. Transfer facility (Figures 7,8 9, 10,12, and 14, of the 2023 permit renewal application) waste shipments are noted in a separate Transfer Log (operating record).

29. Inbound/Outbound Area (SWMU 11) is only used for inbound loads waiting for unloading and receipt, and outbound loads waiting for completed transportation paperwork. Vehicles/trailers in this area are marked as either an inbound load or an outbound load to avoid being confused with other vehicles/trailers that may also be located in the same vicinity. The inbound identification tags are clearly visible and include the vehicle/trailer number, manifest document number, trip number (if applicable), receipt date, container count and total gallons. The outbound identification tags are also clearly visible and include the trailer number, manifest document number, start date, destination, container count and total gallons. US Ecology Tampa Inc. may be either the generator or the designated facility.
30. An in-transit truck parking area will be located on the leased property designated as Area 3 identified in Attachment A. The trucks parked in this area will either be in-transit to and awaiting acceptance and processing at the facility or will be in the process of completing a pickup route prior to acceptance and processing at the facility. The facility will have knowledge of the materials and their acceptance before transit to the facility. The in-transit parking area is entirely surrounded by perimeter fence with ingress and egress limited to two openings that can only be accessed by authorized facility or delivery personnel. The in-transit parking area is concrete paved and any incidental spills or releases from the parked trucks will be contained on the concrete paved area. A maximum of six in-transit trucks consisting of tractor trailers, box trucks, and/or roll off trucks may be parked in this area at any given time. Vacuum tankers/trucks may also be parked in this area while in transit. The area will be inspected on a weekly basis and noted on the facility's daily inspection log when completed.
31. The retail waste/Household Hazardous Waste (HHW) pilot program, located on the Orient Road property will transition to a permanent operation. Examples of wastes to be processed in this area may include paints, thinners, solvents, pesticides, herbicides, fertilizers, pool chemicals, motor oil, greases, hydraulic oils, acidic and caustic cleaners and personal care products such as soaps, hair care etc. US Ecology Tampa, Inc., will use a semipermanent loading dock, specifically designed for the facility. The consolidation platform will be anchored to monolithically poured concrete foundations and is manufactured of heavy-duty diamond plate treated with a marine grade epoxy for traction. The consolidation platform will be 60 feet long by 16 feet wide and will contain four truck loading docks and a set of stairs on the west side and another loading dock and a 30-foot-long by 8-foot- wide drive ramp on the east side. The consolidation platform will be covered from the elements and sun using a canopy that will be permanently mounted to poured in place concrete footings. The canopy will have a maximum peak height of ±29 feet and will accommodate a maximum anticipated internal equipment clear hit of ±23 feet. It is anticipated that the cover of the canopy will be removable during periods of severe weather. To contain any incidental spills or releases that may occur during processing operations, the entire footprint of the

- consolidation platform will be secondarily contained at ground surface using either concrete curbing or drive-over spill containment berms, as appropriate. The concrete foundations and curbing installed at the USE facility will be treated with an additive, Xypex Admix C-500/C-500 NF, which consists of Portland cement, silica sand and various active, proprietary chemicals that are added to the concrete mix at the time of batching. The active chemicals in the additive react with the moisture in fresh concrete and with the byproducts of cement hydration to cause a catalytic reaction that generates a non-soluble crystalline formation throughout the pores and capillary tracts of the concrete which permanently seals the concrete and prevents the penetration of water and other liquids from any direction. Consistent with the pilot program, box trucks or trailers transporting retail waste or HHW to the consumer products consolidation platform will backup directly to the loading docks to offload and/or these materials will be brought to this area from the CSB using a forklift or other type of acceptable transport method. Popup containments will be deployed underneath the unloading areas to contain any incidental spills or releases that might happen during transfer operations. Following the completion of processing or recontainerization activities, containers will be placed back inside the CSB for storage. A portion of the 50,000-gallon storage capacity for the CSB, ISCA within the CSB, and the I/O Staging Area will be reallocated to this platform to account for the 2,000 gallons of storage proposed at this location. At no time will the authorized 50,000-gallon storage capacity be exceeded (Table 2). The consumer products consolidation platform is designated as SWMU 20.
32. A RUNI SK370 screw compactor (or most recent model) and conveyor system will be installed with the new consolidation platform and canopy. The RUNI screw compactor will be permanently mounted to poured in place concrete footings and its operational footprint will be secondarily contained at ground surface using either concrete curbing or drive-over spill containment berms, as appropriate, to contain incidental spills or releases. The RUNI SK370 screw compactor is designated as SWMU-21.
33. Activities performed utilizing The RUNI SK370 screw compactor (SWMU 21) have been demonstrated (Technical Memorandum May 31, 2022) from being exempt for air emission regulation under the General Air Emissions requirements under Chapter 62-210.300(3)(b)1, F.A.C.
34. Rainwater accumulated in the containment areas or pop-up containments in the footprint of the consumer products consolidation platform and screw compactor will be visually inspected for signs of impact, such as discoloration, turbidity or suspended solids, foam, an oil sheen, or other obvious indicators of potential pollution prior to draining. If there are no obvious indicators of potential pollution in the rainwater it will be drained directly from the containments to the surface. Rainwater possessing obvious indicators of potential pollution will not be drained directly to the surface and will be addressed using absorbents or other applicable means until the indicator has been removed prior to draining, or the rainwater will be pumped out of the containments and placed into the facility process. At the discretion of facility management, any potentially impacted rainwater in the containments may also be pumped out and transported offsite for proper disposal.
35. The Permittee may arrange for the generator of a hazardous waste to supply all or part



of the information for a physical and chemical analysis. If the generator does not supply a complete characterization and the Permittee accepts the hazardous waste, the Permittee is responsible for the waste characterization.

36. A waste characterization must be performed when the generator changes the waste-generation process (§§264/265.113(d)). If the Permittee is aware that waste generation processes have changed, and a new/updated waste characterization has not been provided by the generator, and if the Permittee chooses to accept the waste the Permittee is responsible for the waste characterization.
37. Safety Data Sheets shall only be used as a screening tool to determine the presence of Underlying Hazardous Constituents (UHCs) as hazard communication standards require that the labels contain the chemical and common name(s) of all ingredients which have determined to be health hazards, and which comprise 1% or greater of the composition. Carcinogens must be listed if the concentrations are 0.1% or greater. UHCs, if present, may not even be listed in the product. Depending upon the use of the corrosive product, additional UHCs could be introduced into the waste stream and/or the concentrations of UHCs in the product could be increased. Lab data supplied by the generator is the best method to determine the presence of UHCs.
38. Hazardous debris, as described in 40 CFR 268.45, will no longer be treated in the hazardous waste treatment tank.

Table 2: Maximum Storage Capacity by Area				
Building/Storage Area	Status	Location at Facility	SWMU	Capacity
CSB <sup>1</sup> , ISCA <sup>2</sup> and I/O <sup>3, &amp;</sup> Staging Area, Low Explosive Magazine, Consolidation Platform and RUNI Screw Compactor	Existing	2002 N. Orient Road, 7202 E. 8 <sup>th</sup> Avenue, & Parking Lot, West of Office Building	1, 2, 7, 8, 11, 21, 22	50,000 gallons <sup>7</sup>
WPB <sup>4</sup>	Amended	7202 E. 8 <sup>th</sup> Avenue, West of Office Building	7	9,900 gallons <sup>6</sup>
10-day Transfer Area	Amended	7202 E. 8 <sup>th</sup> Avenue, Parking Lot, West of Office Building	11	20,000 gallons or 100 CY
BCSAs <sup>5</sup>	Existing	7202 E. 8 <sup>th</sup> Avenue, Parking Lot, South of E. 9 <sup>th</sup> Avenue, North and West of Office Building	20a-20c	800 CY
<b>Total Existing Hazardous Waste Storage Capacity:</b>				<b>79,900 gallons + 800 CY</b>

NOTES:

- 1-CSB=Container Storage Building
- 2-ISCA=Improved Secondary Containment Area within the CSB
- 3-I/O=Inbound/Outbound Staging Area
- 4-WPB=Waste Processing Building
- 5-BCSA= Bulk Container Storage Area



- 6- The maximum capacity of the permitted storage area is 9,900 gallons.
- 7- The 2,000-gallon storage for SWMU-21 and SWMU-22 is included in the 50,000-gallon total capacity
- 8- The inbound staging area capacity of 20,000 gallons is not included in the 50,000-gallon total, the outbound staging area capacity is a part of the 50,000-gallon capacity total.

## **Part II Subpart B2 – Specific Operating Conditions for Low Explosive Magazine**

1. Permissible Explosives: The Permittee is allowed to conduct the management, storage and transportation of Department of Transportation (DOT) Class 1.4 low explosives (i.e., expired and/or discarded retail consumer products) hereafter referred to as “low explosives.” Only DOT Class 1.4 Classified low explosives which represent a minor fire or projection hazard shall be stored in the permitted magazine at the Facility.
  - a. All low explosives classified as DOT 1.4 explosives are allowed at this Facility, examples of which include:
    - i. Consumer fireworks,
    - ii. Flares,
    - iii. Emergency Signals,
    - iv. Marine distress devices, and;
    - v. Small arms munitions.
  - b. The Permittee shall not store or manage any other consumer products or HHWs that are not listed in 1.a.. above. These low explosives generally fall under the waste codes D001, D003, D005 and D008; however, other codes may apply based on chemical composition.
2. Storage: The low explosives shall be stored in a DOT-approved and OSHA approved fit-for purpose “magazine”.
  - a. The magazine shall be located in the WPB permitted location (SWMU 7) as in Attachment D. The permitted location is at least 50 feet from the facility’s property line. The magazine shall not be moved from this location without written approval from the FDEP, Hazardous Waste Program and Permitting Section.
  - b. The permitted magazine is 6 feet long by 6 feet wide by 7 feet high. The maximum container volume which may be placed within the magazine shall not exceed 575 gallons.
  - c. Replacement of the magazine with another magazine or a roll-off requires written approval from the Florida Department of Environmental Protection, Hazardous Waste Program and Permitting Section.
  - d. Containers may be stacked up to two pallets high, with no more than three (3) 5-gallon containers high pallet.
  - e. The Permittee shall not store incompatible waste within the magazine or place it in unwashed containers that have previously held incompatible waste [40 CFR 264.177].
  - f. The Permittee shall manage all containers stored within the magazine in such a manner as to minimize the potential of a release of hazardous waste or hazardous constituents.
  - g. The magazine shall have sufficient and unobstructed means of entry/exit.
3. Loading/Unloading: The low explosives shall be loaded into the magazine as soon as practicable upon arrival at the facility. Specifically, under no circumstances shall low

explosives remain in transportation trucks at the facility for longer than 48 hours before being unloaded into the magazine.

4. Packaging and Labeling: All low explosive items will be shipped and stored in accordance with applicable regulations:
  - a. All applicable proper DOT classification(s), shipping descriptions, markings and placarding shall be followed. Proper hazardous waste markings shall be affixed to the outside of shipping and storage containers.
  - b. Precautions shall be taken to segregate or prohibit incompatible materials in order to prevent reactions which generate extreme heat or pressure, fire or explosions, or violent reactions [40 CFR 264.17(b)].
  - c. Low explosives must be compatible with the shipping and storage container and the container must be in good condition [40 CFR 262.16(b)(2) and 262.17(a)(1)(ii)-(iii)].
5. Management of Low Explosives Magazine: The magazine permitted to store low explosives at the facility shall be maintained to provide a safe and secure storage of the low explosives.
  - a. Access to storage magazine shall be limited and controlled for security as well as safety reasons, in accordance with 40 CFR 264.14.
  - b. The magazine shall remain locked and secured except when loading or unloading or during inspections [27 CFR 555.205].
  - c. Spark--producing materials, electronics, devices or tools shall be prohibited in and near the magazine during loading or unloading activities or inspections, in accordance with 40 CFR 264.17 and 27 CFR 555.212. Spark- producing materials include but are not limited to: tools, dollies, carts, chairs, cell phones and other spark-producing electronic devices, plastic bags, and drums and other containers. Tools for opening and closing containers and cleaning utensils must not have spark-producing metal parts.
  - d. Clothing worn by employees handling these explosives shall be static-proof. Materials made of 100% polyester, nylon, silk, and wool are highly static producing and shall be avoided.
  - e. Any explosive dust on the floor of the magazine shall be kept swept up in accordance with 40 CFR 264.17(a) and (b)(2). Reactive and/or ignitable waste must be protected from frictional heat [40 CFR 264.17(a)].
  - f. The low explosives must be separated and protected from sources of ignition and reaction, including but not limited to: open flames, smoking, cutting and welding, hot surfaces, and frictional heat [40 CFR 261.17(a)]. Smoking, matches, open flames, and volatile materials are prohibited in and within 50 feet of the magazine [27 CFR 555.212 and 27 CFR 555.215].
  - g. The area around the permitted magazine shall be kept clear of rubbish, brush, dry grass, or trees (except live trees more than 10 feet tall), for not less than 25 feet in all directions [27 CFR 555.215].
  - h. The magazine is located and designed so as to minimize the propagation of an explosion to adjacent units and to minimize other effects of any explosion [40 CFR 264.1201(b)(2)].

6. Inspections: Permittee shall keep, maintain and follow an inspection plan that includes specific reference to inspections of this magazine storage unit in accordance with 40 CFR 264.15 and 264.1201(f). At a minimum, the magazine shall be inspected weekly [40 CFR 262.16(b)(2)(iv) and 262.17(a)(1)(v); 40 CFR 555.221(b)].
7. Training: All facility employees involved with the packaging, transportation and storage of the low explosives shall be properly trained in accordance with DOT, OSHA and/or RCRA standards. Additionally, these employees shall receive site-specific training, on an annual basis, specific to explosives, and for emergency procedures at the facility per the facility's Contingency Plan.

### **Part II Subpart B3 – Specific Solid Waste Construction Conditions**

1. Construction. All construction activities shall be approved by the Department prior to initiating work, unless specifically authorized otherwise. This permit authorizes construction of the following facility improvements:
  - a. Construction of an additional  $\pm$ 50-gallon collection sump of liquid in the center middle aisle on the hazardous waste side of the WPB (Engineering. Report., Section. 2.3.5 & Figure 18).
  - b. Installation of awnings over the driveways/ramps on both the east and west sides of the WPB (Engineering Report., Section. 2.0 & Figure 18).
  - c. Construction of a  $\pm$ 16-foot tall pole barn structure over the existing sawdust storage concrete pad located immediately to the west of the WPB. (Engineering. Report., Section. 6.1 & Figures 7 through 12).
  - d. Repositioning of the existing Conex boxes currently staged to the north of the WPB and extending them through the north wall of the building. Specifically, this will consist of extending two existing 53-foot boxes into the WPB at the northeast corner of the structure and extending one 20-foot box into the WPB at the northwest corner of the structure. The Conex boxes will be permanently moved to these locations and the building penetrations will be weather tight. The boxes will be used for material and expendable item storage and will limit facility employee movements outside of the building through high traffic areas to access these storage containers, thereby increasing employee safety.
  - e. The addition of three new 53-foot Conex boxes that will be extended through the west wall of the WPB at its southern end next to the existing trailer located in this area. These new boxes will also be used for material and expendable item storage. As with the Conex boxes discussed above, these three new boxes will be permanently located in this area and the building penetrations will be weather tight.
  - f. Reposition the two portable reagent silos currently located at the southwest corner of the WPB, where the three new Conex boxes discussed above will be installed, to the south wall of the WPB directly outside and adjacent to the hazardous treatment unit. Instead of the two current portable reagent silos, four portable silos in sets of two will be deployed in this area and used in series such that there is always a backup source of reagent available at the facility thereby preventing

- an operational interruption at the hazardous treatment unit. A chute will be extended through the south wall of the WPB to the hazardous treatment unit so that the silo contents can be placed directly into the hazardous treatment unit without facility personnel having to directly handle this material as is currently the case.
- g. Replace the existing municipal waste dumpster, SWMU number 5, with a self-contained compactor unit that will require a larger footprint. This will necessitate the relocation of Universal Waste Lamp Storage Area (SWMU number 16) as discussed in the condition below.
  - h. Relocate the existing universal waste storage area (SWMU number 16) across the parking lot from its current location to the concrete paved area on the opposite side of the Orient Road property. The SWMU will be located within the secured perimeter.
2. Certification of Construction Completion. All information required by this Specific Condition shall be signed and sealed by a registered professional engineer or land surveyor as appropriate. At the completion of construction, information listed below shall be provided to the Department as part of the Certification of Construction Completion.
- a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer responsible for the construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.
  - b. The owner or operator shall submit Record Drawings/Documents showing all changes (i.e. all additions, deletions, revisions to the plans previously approved by the Department. The Record Documents shall include as-built plans details and elevations (survey) as appropriate.
  - c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations, and certification by the design engineer to the Department.

#### **Part II Subpart C1 – Hazardous Waste Closure Conditions**

1. The Permittee shall close each hazardous waste management unit in a manner that minimizes or eliminates, to the extent necessary to protect human health and the environment, postclosure escape of hazardous waste, hazardous waste constituents, hazardous waste decomposition products, contaminated leachate or run-off to the groundwater, surface waters, or to the atmosphere (40 CFR Part 264.111).
2. The Permittee shall have a written Closure Plan as required by 40 CFR 264.112(a). The Closure Plan and all revisions to the plan must be kept at the facility until closure is completed, certified in accordance with 40 CFR 264.115, and accepted by the Department.

3. Modifications to the approved Closure Plan shall be in accordance with the requirements of 40 CFR 264.112(c) and Rule 62-730.290, F.A.C.
4. The Permittee shall notify the Department within seven calendar days of any determination that actions undertaken as part of closure or associated monitoring programs no longer satisfy the requirements set forth in this permit. If the Department determines that a modification of the permit is required, the Permittee shall, within 60 calendar days of notice by the Department, submit an application for a permit modification in accordance with Part II.C.3.
5. Within 90 days after receiving the final volume of hazardous waste or upon notification by the Department that closure of a unit is required, the owner or operator must treat or remove from the unit all hazardous waste.
6. The Permittee shall complete closure activities within 180 days after notification to the Department of closure and in accordance with the closure schedule in the permit application. Any changes in the time allowed for closure activities or reporting requirements shall require prior written Department approval. At least 30 calendar days prior to initiating physical closure activities, the Permittee shall prepare and submit a Closure Activities Report.
  - a. The Closure Activities Report will be in columnar format (*i.e.*, a table or spreadsheet) with columns for “closure activity,” “schedule date,” and “completed date.”
  - b. The Closure Activities Report shall be maintained and updated by the Permittee throughout the closure period, with copies submitted monthly to the Department, unless an alternate submittal schedule is approved by the Department in writing. Each report must be submitted to the Department by the tenth day of each month for the preceding month until the acceptance of physical closure by the Department. These reports can be submitted electronically.
  - c. Any deviation from the schedule or described tasks shall be fully documented in the Closure Activities Report.
7. The Permittee shall notify the Department 45 days prior to the date on which the Permittee expects to begin partial or final closure of a unit(s).
8. The Permittee shall properly decontaminate or dispose of all equipment, structures, and residues used during or resulting from the closure activities.
9. The Permittee shall manage all hazardous wastes, residues, sludges, spilled or leaked waste, or contaminated liquids and soils removed during closure of the unit(s) in accordance with the applicable provisions of 40 CFR Parts 260 through 268, including the manifest requirements. A copy of each manifest required as a result of closure activities shall be submitted to the Department with the Closure Certification.
10. The Permittee shall provide opportunities for site inspections by the Department by informing the Department at least seven days in advance of any major physical closure activity (*e.g.*, unit decontamination or removal, cap installation, soil sampling, soil removal, etc.).



11. Within 30 days of determining that all contaminated soil cannot be practically removed or decontaminated, the Permittee shall notify the Department of such determination. Within 90 days of the determination the Permittee shall submit an application for permit modifications to close the facility as a landfill (land disposal unit) and perform postclosure care as required by 40 CFR 264.
12. Within 60 calendar days of the completion of closure, the Permittee shall submit to the Department, by certified mail or hand delivery, a Closure Certification Report signed by the Permittee and an independent Professional Engineer registered in the State of Florida, stating that the unit has been closed in compliance with the Closure Plan and the conditions of this permit. The Closure Certification must be based on the Professional Engineer's own observation and knowledge of the closure activities. The Closure Certification Report must include, but not be limited to the following:
  - a. Environmental sampling data to verify closure activities.
  - b. Decontamination data.
  - c. Copies of manifests or other appropriate shipping documents for removal of all hazardous wastes and all contaminated residues.
  - d. A description of final closure activities.
  - e. A final Closure Activities Report (Condition II.C.6 of this Subpart).
13. Within 30 calendar days of submitting a Closure Certification Report for a land disposal unit, including a land disposal unit identified under Part II.C.11, the Permittee shall submit to the Department and to the local zoning authority, or the authority with jurisdiction over local land use, a survey plat indicating the type, location, and quantity of hazardous wastes disposed of within the unit with respect to permanently surveyed benchmarks in accordance with 40 CFR 264.116. For hazardous wastes disposed of before January 12, 1981, the owner or operator must identify the type, location, and quantity of the hazardous wastes to the best of the Permittee's knowledge and in accordance with any existing records. This notice is in addition to the requirement to execute a formal land use control (*e.g.*, a restrictive covenant) in order to obtain a site rehabilitation completion order based on restricted exposure risk assumptions under Chapter 62-780, F.A.C.

### **Part II Subpart C2 – Solid Waste Closure Conditions**

1. Closure Requirements. The facility owner or operator shall notify the Department of the facility's closure, no later than 180 days prior to the date when the facility is expected to close, as required by Subsection 62-701.710(6), F.A.C. The SWMF shall be closed in accordance with Rule 62-701.710 F.A.C. and the facility Closure Plan (Engineering Report., Appendix O.

### **PART III – POSTCLOSURE CONDITIONS**

Not applicable at this time.

### **PART IV – ENVIRONMENTAL MONITORING CONDITIONS**

Not applicable at this time.



## **PART V – CORRECTIVE (REMEDIAL) ACTION CONDITIONS**

### **Part V Subpart A – General Corrective Action Conditions**

1. The Conditions of this Part apply to the following:
  - a. The SWMUs and AOCs identified in Appendix A.
  - b. Any additional SWMUs or AOCs discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means. As used in this Part, the terms “discover”, “discovery”, or “discovered” refer to the following:
    - (25) The date the Permittee visually observes evidence of a new SWMU or AOC.
    - (26) The date the Permittee visually observes evidence of a previously unidentified release of contaminant(s) to the environment.
    - (27) The date the Permittee receives information from a credible source of the presence of a new release of contaminant(s) to the environment.
  - c. Contamination that has migrated beyond the facility boundary, if applicable.
2. The Permittee shall comply with the notification requirements for the discovery of a new SWMU in Part I.12.c.
3. Upon notification by the Department, the Permittee shall prepare and submit a Confirmatory Sampling (CS) Work Plan for known, suspected, or newly discovered sites. The Work Plan shall be submitted within 60 calendar days of notification by the Department unless the notification letter establishes a different time frame.
  - a. The CS Work Plan shall include schedules for implementation and completion of specific actions necessary to determine whether or not contamination has occurred in any potentially affected media. In order to partly or wholly satisfy the CS requirement, previously existing data may be submitted with the work plan for the Department’s consideration.
  - b. In accordance with the schedule in the approved CS Work Plan, or no later than 60 calendar days after Department’s written approval of a CS Work Plan, the Permittee shall submit a Confirmatory Sampling Report identifying those sites that are contaminated and those sites that are not contaminated. The CS Report shall include an analysis of the analytical data to support all determinations. Based on the results of the CS Report, the Department will determine the need for further investigation at sites covered in the CS Report and notify the Permittee in writing.
4. De Minimis discharge is a release of a contaminant(s) that is removed from the soil, sediment, surface water, and groundwater to cleanup target levels or Department approved site-specific background concentrations within 30 days of discovery of the release. If the Permittee intends to treat a discharge under the De Minimis discharge provision of Rule 62-780.550 or Rule 62-780.560 F.A.C., the Permittee must meet the notification requirements of Part I.12.c, and inform the Department’s RCRA Manager that a De Minimis action is underway. A De Minimis Remediation Report must be submitted to the Department within 90 days of discovery of the release. The report must include a description of all actions taken in response to the discharge and the information

required by the Interim Source Removal Report pursuant to paragraph 62-780.525(7)(a), F.A.C.

5. If contamination is confirmed by the Confirmatory Sampling Report, the Department will notify the Permittee to commence site rehabilitation in accordance with Rule 62-730.225 and Chapter 62-780, F.A.C., for all SWMUs and/or AOCs (“contaminated sites”) identified in the notification. The Permittee shall commence and complete site assessment in the manner and within the time limits set forth in Rule 62-780.600, F.A.C., unless the notification letter specifically establishes a different time frame to commence or complete site assessment. An alternative schedule can be implemented with written Department approval.
6. The Permittee shall conduct Emergency Response Actions in accordance with Rules 62-730.225 and 62-780.500, F.A.C. The Permittee may, or upon notification by the Department, shall conduct an Interim Source Removal action in accordance with Rules 62-730.225 and 62-780.500 F.A.C. for any release, SWMUs, or AOCs determined necessary to minimize or prevent further migration of contaminants or to limit human or environmental exposure to contaminants.
7. If the Department or the Permittee at any time determines that any approved work plan no longer satisfies the requirements of Rule 62-730.225 or Chapter 62-780, F.A.C. or this permit for prior or continuing releases of contaminant(s) to the environment, the Permittee shall submit an amended work plan to the Department within 60 calendar days of such determination.

## **PART VI – REMEDY SELECTION AND IMPLEMENTATION**

### **Part VI Subpart A – General Remedy Selection and Implementation Conditions**

8. Within 90 calendar days of Department approval of a Site Assessment Report or Site Assessment Report Addendum the Permittee shall submit a Remedial Action Plan (RAP) developed in accordance with Chapters 62-780 and 62-730, F.A.C. Designs for modification must be signed and sealed by a Professional Engineer. RAPs may be performance-based, and may include remediation options to be implemented based on changing conditions at the site. Each proposed remediation option must be sufficiently detailed in the modification and if acceptable, must be public-noticed in accordance with Subsection 63-730.290(4), F.A.C.
9. The Permittee shall apply for a permit modification in accordance with Part I.22. of this permit. A final Remedial Action Plan which is achieved totally or partially through interim measures must be submitted as a major modification to this permit.
10. The Remedial Action Plan shall include a provision for the Permittee to submit periodic Remedial Action Status Reports in accordance with Subsection 62-780.700(12), F.A.C. The intent to implement a different approved remedy in a performance based Remedial Action Plan can be provided in the Remedial Action Status Report. Proposals to modify a previously approved remedy in a performance based Remedial Action Plan can be provided in the Remedial Action Status Report as a permit modification request. The

Remedial Action Status Reports may be combined with any Environmental Monitoring Report required by Part IV.

11. Department approval. The Remedial Action Status Reports may be combined with any Environmental Monitoring Report required by Part IV.
12. When site rehabilitation (remedial action) is complete, the Permittee shall submit to the Department a Site Rehabilitation Completion Report in accordance with Subsection 62-780.750(6), F.A.C. Site Rehabilitation Completion Reports can be part of a combined document with the Remedial Action Status Report.
13. For site rehabilitation involving the cleanup of groundwater contaminated by a release from a designated regulated unit, the Permittee must demonstrate that the concentration of constituents of concern remain below cleanup goals for three consecutive years after active remediation has ceased as per 40 CFR 264.100(f).
14. When appropriate, the Department will approve completion of site rehabilitation by inclusion in a permit renewal, permit modification, or separate Site Rehabilitation Completion Order.

**Part VI Subpart B – Selected Remedies**

Not applicable at this time.

**APPENDIX A - SUMMARY OF FACILITY SITES - SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)**

<b>A.1 List of SWMUs / AOCs requiring Confirmatory Sampling</b>				
SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and Basis for Determination	Dates of Operation	Potentially Affected Media
There are no units identified as requiring Confirmatory Sampling at this time pursuant to this permit.				

<b>A.2 List of SWMUs / AOCs requiring a Site Assessment (a/k/a RCRA Facility Investigation [RFI]) or a Risk Assessment</b>				
SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and Basis for Determination	Dates of Operation	Potentially Affected Media
There are no units identified at this time as requiring a Site or Risk Assessment.				

<b>A.3 List of SWMUs / AOCs requiring a Remedial Action Plan or Natural Attenuation with Monitoring Plan (a/k/a RCRA Corrective Measures Study [CMS])</b>				
SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and	Dates of Operation	Potentially Affected Media

		Basis for Determination		
There are no units identified at this time requiring a Remedial Action Plan or a Natural Attenuation with Monitoring Plan.				

<b>A.4 List of SWMUs / AOCs implementing a Remedial Action Plan or Natural Attenuation Monitoring Plan (a/k/a Corrective Measures Implementation [CMI])</b>				
SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and Basis for Determination**	Dates of Operation	Affected Media
There are no units identified at this time implementing a Remedial Action Plan or a Natural Attenuation with Monitoring Plan.				

<b>A.5 List of SWMUs / AOCs at which Site Rehabilitation Completion Determinations With Controls have been made (e.g. formal closure process completed)</b>		
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment and Basis for Determination
There are no units identified at this time at which Site Rehabilitation Completion Determinations with controls have been made.		

<b>A.6 List of SWMUs / AOCs at which Site Rehabilitation Completion Determinations Without Controls have been made (e.g. formal closure process completed)</b>		
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment and Basis for Determination
There are no units identified at this time at which Site Rehabilitation Completion Determinations without controls have been made.		

<b>A.7 List of SWMUs / AOCs where No Further Action Determinations have been made based on no suspected or confirmed contamination (i.e. not 'contaminated sites' as defined by 62-780 F.A.C.)</b>		
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment and Basis for Determination
SWMU-1	Drum Storage Area	RFA Report dated March 1995
SWMU-2	Loading and Unloading Area	RFA Report dated March 1995
SWMU-3	Retention Pond	RFA Report dated March 1995
SWMU-4	Filter Press	RFA Report dated March 1995
SWMU-5	Municipal Waste Dumpster	RFA Report dated March 1995
SWMU-6	Pre-Treatment Unit	RFA Report dated March 1995

SWMU-7	Solid Waste Processing Building and Low Explosive Magazine	RFA Addendum dated May 13, 2011
SWMU-8	Universal Waste Battery Storage Area	RFA Addendum dated May 13, 2011
SWMU-9	Paint Can Crushing Area	RFA Addendum dated May 13, 2011
SWMU-10	Roll-off Storage	RFA Addendum dated May 13, 2011
SWMU-11	Transfer Facility	RFA Addendum dated May 13, 2011
SWMU-12	Used Oil Facility	RFA Addendum dated May 13, 2011
SWMU-13	Satellite Accumulation Area	RFA Addendum dated May 13, 2011
SWMU-14	Parts Washer	RFA Addendum dated May 13, 2011
SWMU-16	Universal Waste Lamp Storage Area	RFA Addendum dated May 13, 2011
SWMU-17	Aerosol Can Crushing	RFA Addendum dated May 13, 2011
SWMU-18	Drum Crushing	RFA Addendum dated May 13, 2011
SWMU-20a	Bulk Container Storage Area 20a	Storage of 30 roll-off boxes and/or dump trailers in parking lot near E. 9 <sup>th</sup> Avenue
SWMU-20b	Bulk Container Storage Area 20b	Storage of 8 roll-off boxes and/or dump trailers S. of SWMU 11
SWMU-20c	Bulk Container Storage Area 20c	Storage of 2 roll-off boxes and/or dump trailers E. of WPB's Hazardous Waste Treatment Tank and SWMU-7
SWMU-21	Consumer Products Consolidation Platform	Location in Area 1 North of East 9 <sup>th</sup> Avenue
SWMU-22	RUNI Screw Compactor	Location in Area 1 North of East 9 <sup>th</sup> Avenue

<b>A.8 List of RCRA Regulated Unit(s) Undergoing Compliance Monitor / List of SWMUs / AOCs referred to another program for management / List of SWMUs / AOCs referred to another program for management and considered No Further Action under RCRA</b>			
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment and Basis for NFA	Dates of Operation
There are no units identified at this time transferred to another program for management.			

PERMITTEE: US Ecology Tampa Inc.  
I.D. NUMBER: FLD 981 932 494

PERMIT NUMBER: 34875-019-HO & 34875-018-SO  
EXPIRATION DATE: April 1, 2029

**EXECUTION AND CLERKING**

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Kimberly A.  
Walker


 Digitally signed by Kimberly A.  
Walker  
Date: 2024.03.14 13:31:59 -04'00'

Kimberly A. Walker, Program Administrator  
Permitting & Compliance Assistance Program  
2600 Blair Stone Road, MS 4550  
Tallahassee, Florida 32399-2400

**FILING AND ACKNOWLEDGMENT**

FILED on this date pursuant to Section 120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Kim Thursby

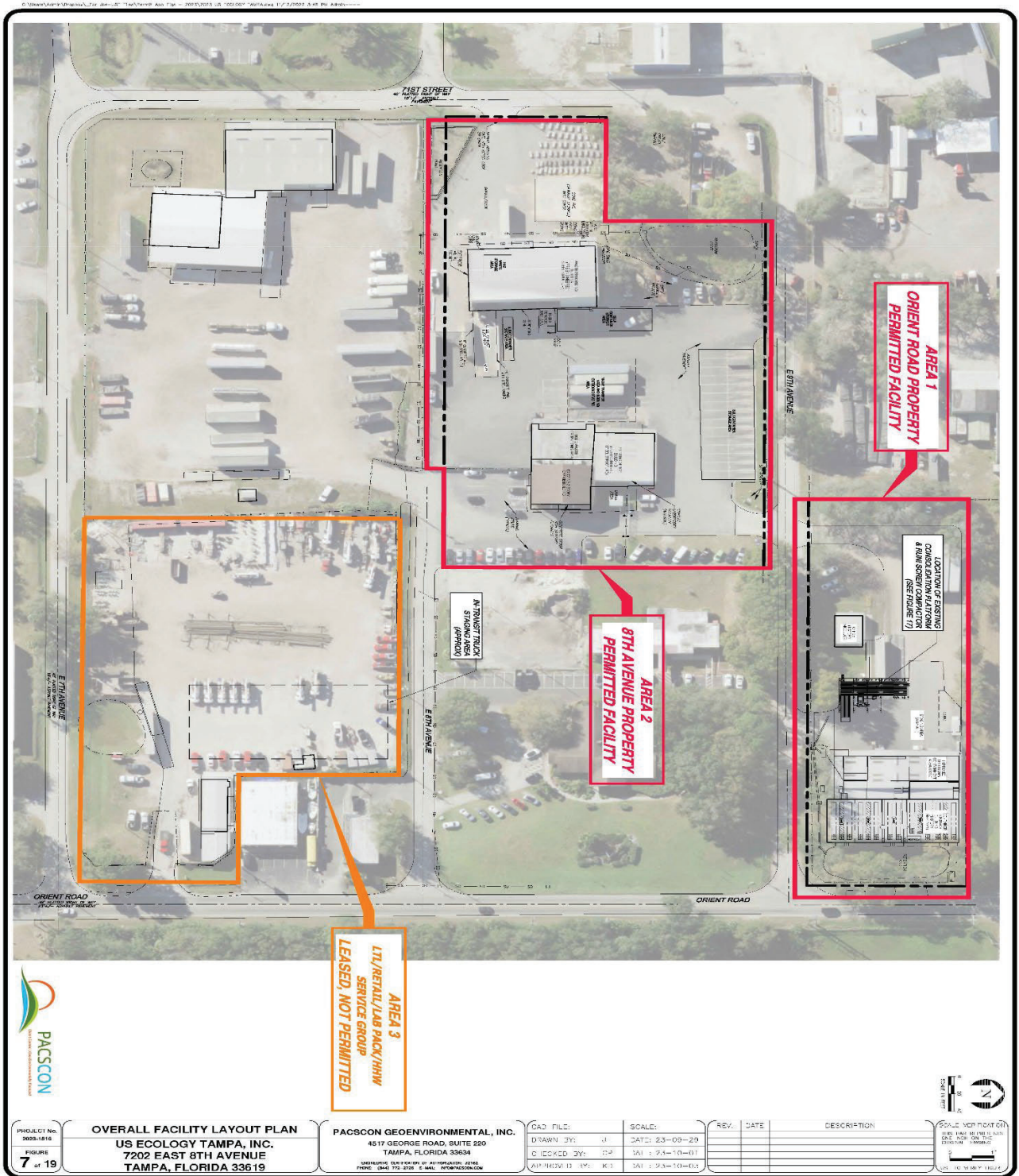
 Digitally signed by Kim Thursby  
Date: 2024.03.14 13:48:10 -04'00'

Clerk

Date



ATTACHMENT A - FACILITY MAP



PROJECT No.  
2025-1816  
FIGURE  
7 of 19

**OVERALL FACILITY LAYOUT PLAN**  
**US ECOLOGY TAMPA, INC.**  
 7202 EAST 8TH AVENUE  
 TAMPA, FLORIDA 33619

**PACSCON GEOENVIRONMENTAL, INC.**  
 4517 GEORGE ROAD, SUITE 220  
 TAMPA, FLORIDA 33634  
MEMPHIS, TN 38117  
 PHONE: (813) 772-2328 E-MAIL: INFO@PACSCON.COM

CAD FILE:  
 DRAWN BY: JI DATE: 23-09-29  
 CHECKED BY: GP DATE: 23-10-01  
 APPROVED BY: KR DATE: 23-10-02

REV.	DATE	DESCRIPTION

SCALE: VERTICAL 1" = 20'-0"

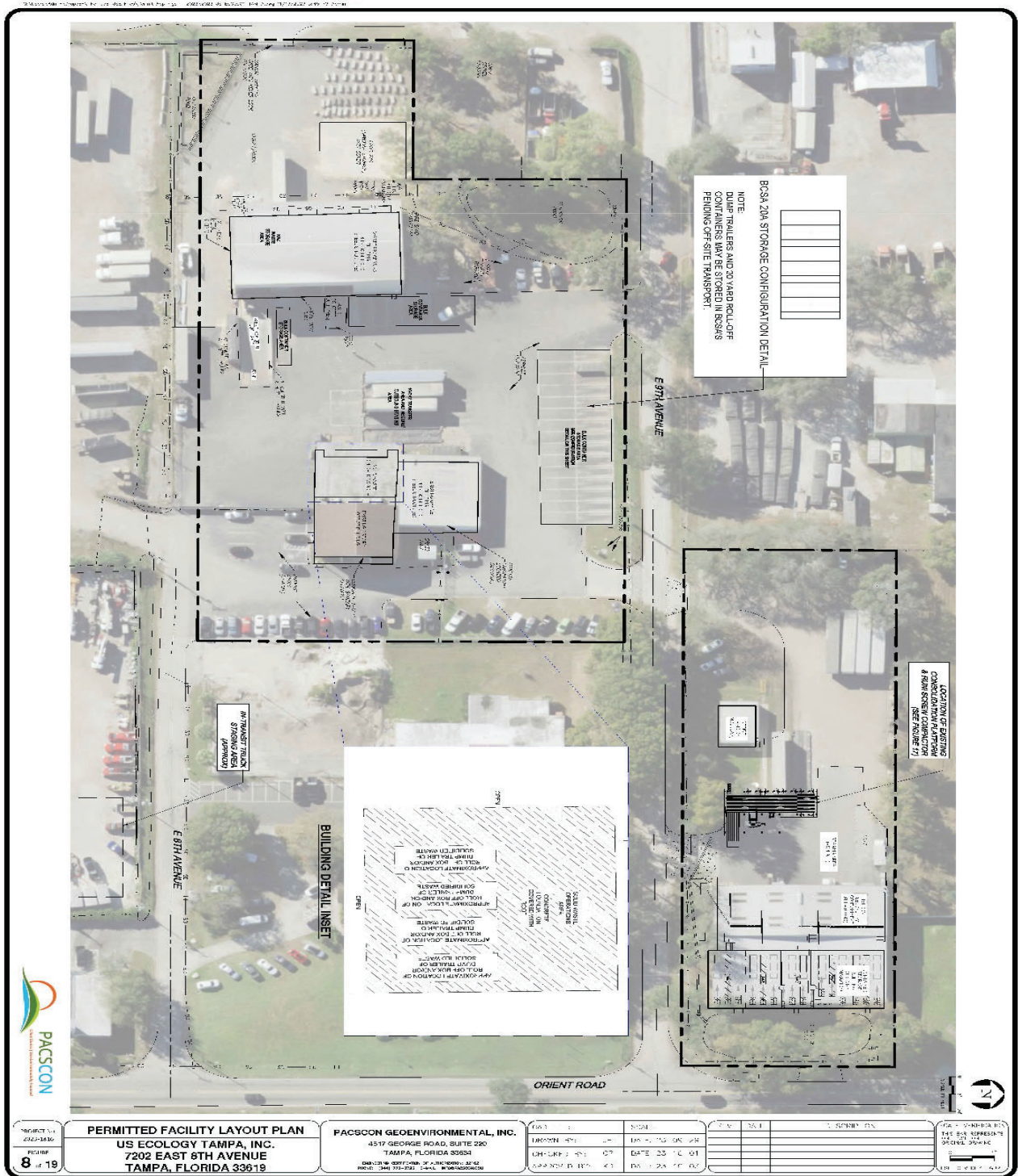
DATE: 23-09-29

PROJECT: 2025-1816

FIGURE: 7 of 19



**ATTACHMENT B – PERMITTED FACILITY LAYOUT**







**ATTACHMENT D – HAZARDOUS AND SOLID WASTE MANAGEMENT UNIT LOCATIONS**

