

Thursby, Kim

From: Susan Richard <susan.richard@lightingresourcesinc.com>
Sent: Tuesday, August 2, 2022 4:23 PM
To: Epost HWRS
Subject: FW: Lighting Resources, LLC;FLR 000 070 565;Final Issuance of Permit
Attachments: 8-2-22 Lighting Resources Final Permit.Receipt.pdf

EXTERNAL MESSAGE

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Received document.

Susan Richard

Chief Compliance Officer
Lighting Resources, LLC
805 East Francis Street
Ontario, CA 91761
Susan.richard@lightingresourcesinc.com
o. 909-923-7252
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From: Thursby, Kim <Kim.Thursby@FloridaDEP.gov>
Sent: Tuesday, August 2, 2022 11:54 AM
To: Susan Richard <susan.richard@lightingresourcesinc.com>
Cc: Smith, Michell M. <Michell.M.Smith@FloridaDEP.gov>; Walker, Kim (Waste) <Kim.Walker@FloridaDEP.gov>; 'bastek.brian@epa.gov' <bastek.brian@epa.gov>; 'rodgers-smith.delores@epa.gov' <rodgers-smith.delores@epa.gov>; 'merizalde.carlos@epa.gov' <merizalde.carlos@epa.gov>; 'vogel.jennifer@epa.gov' <vogel.jennifer@epa.gov>; Financial Assurance Working Group <Financial.Assurance.Working.Group@dep.state.fl.us>; Rothenberger, Miranda <Miranda.Rothenberger@FloridaDEP.gov>; Buff Fritz <buff.fritz@lightingresourcesinc.com>; 'annie_dziergowski@fws.gov' <annie_dziergowski@fws.gov>; 'FWCConservationPlanningServices@myfwc.com' <FWCConservationPlanningServices@myfwc.com>; Buselli, Bradley <Bradley.Buselli@dep.state.fl.us>
Subject: Lighting Resources, LLC;FLR 000 070 565;Final Issuance of Permit

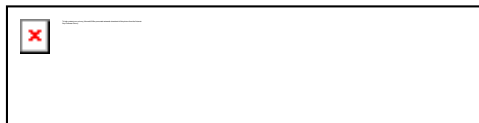
In an effort to provide a more efficient service, the Florida Department of Environmental Protection's Hazardous Waste Program and Permitting section is forwarding the attached document to you by electronic correspondence "e-correspondence" in lieu of a hard copy through the normal postal service.

We ask that you verify receipt of this document by sending a "reply" message to epost_hwrs@dep.state.fl.us (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.

The attached document is in "pdf" format and will require Adobe Reader 6 or higher to open properly. You may download a free copy of this software at www.adobe.com/products/acrobat/readstep2.html.

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

August 2, 2022

Susan Richard, Chief Compliance Officer
Lighting Resources, LLC
1007 SW 16th Lane
Ocala, Florida 34471
susan.richard@lightingresourcesinc.com

Re: **Final Issuance of Permit**
Lighting Resources, LLC
EPA ID Number: FLR 000 070 565
Operating Permit: 309339-004-HO
Marion County, Orlando, Florida

Dear Ms. Richard:

Enclosed is Permit Number 309339-004-HO for the storage of mercury containing lamps, devices, residuals, and mercury recovery. This permit is being issued pursuant to Section 403.722, Florida Statutes (F.S.), and Chapters 62-4, 62-160, 62-730, 62-737, and 62-780, Florida Administrative Code (F.A.C.).

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.

If you have any questions, please contact Bradley Buselli by phone at (850) 245-8989, or via email at bradley.buselli@floridadep.gov.

Sincerely,

A handwritten signature in blue ink that reads "Mitchell Mason Smith".

Michell Mason Smith, Environmental Administrator
Hazardous Waste Program & Permitting

Enclosures

Ms. Susan Richard
August 2, 2022
Page 2 of 2

cc (with Enclosures):

Brian Bastek, EPA Region 4 bastek.brian@epa.gov
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Carlos Merizalde, EPA Region 4, merizalde.carlos@epa.gov
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FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
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Lt. Governor

Shawn Hamilton
Secretary

PERMITTEE:
LIGHTING RESOURCES, LLC
1007 SW 16TH LANE
OCALA, FLORIDA 34471

I.D. NUMBER: FLR 000 070 565
PERMIT NUMBER: 309339-004-HO
DATE OF ISSUE: AUGUST 2, 2022
EXPIRATION DATE: July 6, 2027

ATTENTION:
SUSAN RICHARD
Chief Compliance Officer

COUNTY: Marion
PROJECT: MERCURY RECOVERY AND STORAGE OF
MERCURY-CONTAINING LAMPS, DEVICES,
AND RESIDUALS

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, 62-737, 62-777 and 62-780 Florida Administrative Code (F.A.C.). This permit replaces expired permit 309339-003-HO. The above-named Permittee is hereby authorized to perform the work or operate the facility shown on the application dated January 10, 2022 and revised or supplemented by submissions dated May 2, 2022, 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:

The permit allows the facility to operate a mercury containing lamp, device, and residuals storage and recovery facility. The mercury recovery process involves the operation of equipment used for crushing or dismantling and separating the lamps or devices to produce separated individual recyclable components such as glass, scrap metal, and mercury containing powder.

Maximum Staging/Storage quantities for processed and unprocessed materials are described in Table 3-3 of the permit application and incorporated as Attachment B of this permit. The facility is also registered as Universal Waste Transporter and a Florida licensed Hazardous Waste Transporter and has notified the Department as a large quantity generator of hazardous waste and a large quantity Handler of Universal Waste.

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 Rules 62-730.290 and 62-737.800, F.A.C., and potential enforcement action.

The facility is located at 1007 SW 16th Lane, Ocala, Florida.

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

1. Permit No. 309339-003-HO issued May 24, 2017 (and all documents referenced therein).
2. DEP Form 8700-12FL dated January 15, 2019.
3. Permit Renewal Application dated January 10, 2022.
4. FDEP Request for Additional Information (RAI) dated January 24, 2022.
5. Facility RAI Responses and Permit Renewal Application Revision 1 dated May 2, 2022.

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PERMITTEE: Lighting Resources, LLC
I.D. NUMBER: FLR 000 070 565

PERMIT NUMBER: 309339-004-HO
EXPIRATION DATE: July 6, 2027

Permit Renewal (most recent)			
Effective Date	Duration	Permit Number	Brief Description
August 2, 2022	5 years	309339-004-HO	Operating Permit
Table of Permit Modifications			
Effective Date	Class*	Permit Number	Brief Description
*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

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 (407) 897-4100 (Orlando).

- (1) 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.
 - (2) The written report shall include all of the information in the verbal report and the following information:
 - (a) A description and cause of the noncompliance.
 - (b) 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' 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.
- (1) 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).
 - (2) 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.
 - (3) 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, 62-730.225, and 62-737.800, F.A.C.
- (1) Prior to performing field activities.
 - (2) When contamination beyond the facility boundary is confirmed by laboratory analysis.

- (3) 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.
 - (4) When a fifth-year update to the status of a TPOC is issued.
 - (5) 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 Cleanup Order is issued.
- c. Records of monitoring information shall include all required items in Chapter 62-160, F.A.C., and the following information:
 - (1) The date, exact place, and time of sampling or measurements.
 - (2) The person responsible for performing the sampling or measurements.
 - (3) The dates that analyses were performed.
 - (4) The person responsible for performing the analyses.
 - (5) The analytical techniques or methods used.
 - (6) 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
Central District Office
3319 Maguire Boulevard, Suite 232,
Orlando, Florida 32803

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 proposing modifications to the approved permit and involving the practice of engineering must be submitted to the Department for review and 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 submittals 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 Mercury-Containing Lamp and Device Mercury Recovery and Mercury Reclamation Facility Permit Application Form and Instruction [DEP Form 62-737.900(2)] 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 Subsections 62-730.290(6) and 62-737.800(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 Chapters 62-730 and 62-737, 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, 62-730, and 62-737, F.A.C.
 - b. The Department may modify, revoke, reissue, or terminate for cause this permit in accordance with Chapters 62-4 62-730, and 62-737, 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.
 - (1) The Permittee shall submit a fee with the permit renewal or modification application that meets the requirements of Subsection 62-737.800(10), F.A.C.
 - (2) 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
 - (3) The Permittee shall also submit notification of fee submittal to the addresses in Part I.15.a., or by an alternate means (e.g., e-mail) as approved by the Department.
 - (4) 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 62-737.900(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 Subsections 62-730.180(6) and 62-737.800(4)(g), 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.
- The cost estimates must be based on the cost to the owner or operator of hiring a third party to conduct remedial activities.
 - 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
 - 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.
 - 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.
 - 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 II – OPERATING CONDITIONS

Part II Subpart A – General Operating Conditions

- 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:
 - (1) Unmanifested Waste Report: The Permittee shall submit an Unmanifested Waste Report to the Department within 15 days of receipt of unmanifested waste.
 - (2) 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 and Subsection 62-737.800(4)(e), F.A.C.
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 B – Specific Operating Conditions

- 1. The maximum quantity of processed and unprocessed material allowed at the facility at the time of daily inventory shall not exceed the limits identified in Table 3-3 of the permit application and incorporated as Attachment B of this permit.
- 2. The Permittee shall only introduce materials into processing equipment as specified in subsection 62-737.800(7)(b), F.A.C.
- 3. The Permittee shall comply with the air pollution control equipment requirements as specified in subsection 62-737.800(8), F.A.C.
- 4. The Permittee shall store processed and unprocessed materials in closed containers in accordance with subsection 62-737.800(9), F.A.C.
- 5. The Permittee shall comply with the shipping document requirements as specified in subsection 62-737.800(11), F.A.C. and 40 C.F.R. Part 262.
- 6. The Permittee shall submit annual reports to the Department in accordance with subsection 62-737.800(12), F.A.C.
- 7. The Permittee shall sample recovered materials (i.e., glass, metal) daily and analyze a composite sample weekly to determine the total mercury content. These analyses must show less than 1 ppm mercury “average” during the 12-week time period and less than 3 ppm for any “weekly” composite or request proposed alternate procedures to be approved by the Department in accordance with 62-737.840(3)(d), F.A.C.
- 8. The Permittee shall only ship processed material off site as specified in subsection 62-737.840(4), F.A.C., and shall manage hazardous wastes not identified in Chapter 62-737, F.A.C., in accordance with Chapter 62-730, F.A.C.

Part II Subpart C – Closure Conditions

- 1. The Permittee shall close the facility 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) and Subsection 62-737.800(4)(g), F.A.C. 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 Rules 62-730.290 and 62-737.800, 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.
14. The Permittee shall verify clean closure by demonstrating whether cleanup parameters meet or exceed the following standards:

- a. Liquid decontamination residues, e.g., facility and equipment wash-down rinsate: Total mercury content not to exceed 2 µg/l (2 parts per billion).
- b. During final closure, the Permittee must collect an adequate number of mercury air samples to demonstrate the following closure performance standards:

<u>Sample</u>	<u>Residential</u>	<u>Industrial</u>
Air sample	1.0 µg/m ³	3.0 µg/m ³
µg/m ³ : microgram per meter cube		

- c. Soil: Total mercury content in soil should not exceed the leachability cleanup target level of 2.1 mg/kg.
 - d. Groundwater: Mercury concentration in groundwater shall not exceed 2 µg/L.
15. The Permittee shall analyze all samples for total or leachable mercury content using a Department-approved appropriate method from EPA Test Methods for Evaluating Solid Waste (EPA SW-846), latest revision. Leachable mercury shall be determined using the toxicity characteristic leaching procedure (TCLP), Method 1311.

PART III – POSTCLOSURE CONDITIONS

Not applicable at this time.

PART IV – ENVIRONMENTAL MONITORING CONDITIONS

Part IV Subpart A – General Environmental Monitoring Conditions

1. Environmental monitoring is performed to conduct detection monitoring, ensure that the extent of contamination remains delineated, or to track the progress of corrective action. Monitoring is a dynamic activity and decisions on future actions are dependent upon prior results and site-specific conditions. The ability to alter a monitoring plan based on results and site-specific conditions is essential to a comprehensive and efficient monitoring program. Changes to the Environmental Monitoring Plan (EMP) conditions that follow can be made with written Department approval and will not require a permit modification. The Permittee shall submit an EMP within 60 days of notification by the Department for all necessary monitoring required to comply with this permit.
2. Part IV.A.3 identifies the required elements of a comprehensive EMP. An EMP is comprised of both relatively static and more frequently changing components. EMP components that may frequently change are described in Part IV.A.11 and are to be reported in Environmental Monitoring Reports (EMRs); the most current EMR represents the most current EMP. The Permittee shall ensure that all remaining EMP components are included in the EMR or clearly identified and referenced in the EMR. Note that some items may be more dynamic in nature on a site-specific basis, e.g., some items in Part IV.A.3.e.

3. The EMP must address all environmental media as necessary, including groundwater, sediment, soil, and surface water. The EMP, including future revisions, must include the following elements at a minimum. Facilities with a monitoring program in place, but lacking a provision below, will submit identified provisions within 60 days of notification by the Department, or in the next Environmental Monitoring Report as directed.
 - a. The EMP shall include a map(s) showing all contaminated sites, any SWMUs and AOCs in detection monitoring, and associated monitoring wells and piezometers (including recovery or extraction, point of compliance, Temporary Point of Compliance, and background wells), surface water features pertinent to the contaminated site and surface water sampling locations, and any areas subject to soil or sediment sampling. Contaminated sites are the SWMUs and AOCs listed in Appendices A.2, A.3, and A.4.
 - b. A map(s) showing all SWMUs and AOCs shall be submitted to the Department and incorporated by reference into the EMP. The map shall be updated within 60 days of the discovery of a new SWMU or AOC (Part V.A.1.b.).
 - c. Well construction information for each well and piezometer in the EMP shall be submitted to the Department and incorporated by reference into the EMP. Well construction information shall also be submitted in an electronic format (e.g., spreadsheet) for inclusion in the Department's WACS database (or its successor). Location of each well or piezometer shall be provided in latitude and longitude. Information on new wells and piezometers shall be submitted within 30 days of installation.
 - d. The EMP shall include a table or tables listing all wells and piezometers to be sampled (or potentially sampled based on results) or measured, surface water sampling locations, and soil or sediment sampling locations (or methods for choosing locations such as grid-based) and the following information for each:
 - (1) Well or piezometer depth, screened interval, surveyed ground surface elevation and surveyed top of casing elevation; surface water sampling depth(s), and soil and sediment sampling intervals.
 - (2) The regulatory status of each well or piezometer, such as assessment, extraction or recovery, point of compliance, Temporary Point of Compliance, or background well.
 - (3) The frequency of sampling for each location (in all media), such as annual, semiannual, bi-annual, not currently sampled.
 - (4) Wells where groundwater level elevations will be measured (but not sampled).
 - (5) Contaminants of concern to be sampled.
 - e. The EMP shall include the following information concerning quality assurance and the laboratory practices:
 - (1) A statement that all sampling and analysis activities will comply with Rule 62-160.110(5), F.A.C.
 - (2) A statement that all analyses will be conducted by a laboratory accredited by the National Environmental Laboratory Accreditation Program (NELAP) and certified by the Florida Department of Health.
 - (3) A table of proposed constituents, matrices, and analytical methods.

- (4) A table of proposed purging and sampling methods.
 - (5) A statement that all records of monitoring information shall include all required items in Chapter 62-160, F.A.C., and Part I.13.c.
 - (6) A statement that all laboratory data will be submitted using the ADaPT quality assurance software.
 - (7) A statement that the sampling crew will follow the Department's most recent Standard Operating Procedures (SOPs) or other sampling program approved pursuant to Chapter 62-160, F.A.C.
 - f. The EMP must describe how investigation derived wastes will be managed.
 - g. The EMP shall include provisions for maintaining well integrity (well repair and redevelopment) and well security including locks for each well. The Permittee may demonstrate that facility security provisions negate the need for locks at a well(s), subject to Department written approval. All wells beyond the facility property boundary must be kept secure and locked when unattended.
 - h. The EMP shall include a schedule for periodic submission of Environmental Monitoring Reports.
4. Wells used as part of an approved EMP may be abandoned with Department approval. The Permittee shall abandon wells in accordance with the requirements of Subsection 62-532.500(5), F.A.C.
 5. The Permittee shall measure groundwater elevations every time any well is sampled as part of the approved EMP. All groundwater elevations must be measured within the same 24-hour period and prior to the sampling event. These data shall be used to determine the horizontal and vertical groundwater flow direction and flow rate for each monitoring period.
 6. Total depths of all sampled wells must be determined by physical measurement to the closest 0.01-foot increment in April of each year to determine if siltation has occurred in any well. Wells are to be redeveloped as necessary.
 7. The Permittee shall provide the Department with opportunities to observe groundwater sampling and split samples by providing notification either by telephone, letter, or electronically at least seven calendar days prior to each sampling event.
 8. In the event a well is damaged and requires repair (not maintenance), the well shall be repaired or replaced within 30 days, or before the next sampling event, whichever occurs first.
 9. All groundwater analyses shall be performed on unfiltered groundwater samples. Analyses on filtered samples may be performed by the facility, but only for its own use, unless shown to be more representative of groundwater conditions [Subsection 62-520.310(5), F.A.C.].
 10. All laboratory data will be submitted using the ADaPT quality assurance software. All laboratory datasheets shall be submitted only in electronic format. ADaPT files shall accompany the electronic copy of the EMP, and shall be included in a separate folder labeled ADaPT files. The folder will contain a single Laboratory electronic data

deliverable (EDD), a Field EDD, and a copy of the error log that contains all data covered by the Report. Additional information on ADaPT is available at the Department's website: <http://www.dep.state.fl.us>.

11. The Permittee shall submit Environmental Monitoring Reports (EMR) in accordance with the schedule in the approved EMP. This report can be submitted in a combined document with any Remedial Action Status Report required in Part VI of this permit. The EMR should contain the following elements:
- a. A map showing all contaminated sites and associated monitoring wells and piezometers (including recovery or extraction, point of compliance, Temporary Point of Compliance, and background wells), surface water features pertinent to the contaminated site and surface water sampling locations, and any areas subject to soil or sediment sampling (i.e., Part IV.A.3.a.).
 - b. Reports of any necessary repairs or redevelopment of the wells since the last report.
 - c. Maps of groundwater flow direction(s) and plume delineation(s) (if any) on a scaled site map(s) illustrating the degree and extent of groundwater contamination using sufficient isoconcentration lines (Subparagraph 62-780.600(8)(a)(28), F.A.C.), and tables of groundwater elevation and water chemistry data.
 - d. An analysis and evaluation of the current analytical results, including maps, figures, graphs and tables.
 - e. Field sampling logs and associated notes, calibration logs for field equipment, and chain of custody forms.
 - f. Laboratory analytical data sheets for the sampling event(s) (electronic copy only).
 - g. An analysis and evaluation of the comprehensive effectiveness of the environmental monitoring program including recommendations to enhance and refine the EMP (e.g., the addition or deletion of wells from the plan, changes in sampling frequency at a well, or changes in contaminants of concern).
 - h. An updated table(s) containing the information in Part IV.A.3.d. The table shall also indicate the recommendations made in Part IV.A.11.g.
 - i. ADaPT quality assurance electronic files per Part IV.A.10.

Part IV Subpart B – Specific Monitoring Conditions

Not applicable at this time.

Part IV Subpart C – Specific Groundwater Monitoring Requirements for RCRA Regulated Units

Not applicable at this time.

Part IV Subpart D – Cleanup Target Levels

1. Final CTLs at each site are designated at the time a final remedy is approved in accordance with 62-730.225(b), F.A.C. For final remedies approved after issuance of this permit, the Permittee shall submit a permit modification per 62-730.290(1)(a), F.A.C., to update the final remedy with any new CTLs.

2. Where the PQL for a particular contaminant is greater than a calculated health-based protective concentration, the Permittee shall provide supporting documentation to request use of the PQL to serve as CTL. The Department will review and must approve prior to use. The PQL is the lowest level that can be reliably measured during routine laboratory operating conditions within specified limits of precision and accuracy. PQLs only represent final CTLs when analytical methods do not become more sensitive prior to completion of site rehabilitation. Where laboratory methods become more sensitive (to more closely approach or achieve the health-based CTL), the EMP must be modified according to General Condition I.22. The PQL is listed below if the Contaminant of Concern (COC) does not have a Groundwater Cleanup Target Level (GCTL).

3. Cleanup Target Levels

CAS #	Contaminant of Concern	CTL (µg/L)	PQL (µg/L)	Media

4. Ground-water Protection Standard (GWPS) per 40 CFR Part 264.92

CAS #	Contaminant of Concern	GWPS (µg/L)	GCTL**	PQL (µg/L)

** GCTL = Groundwater Cleanup Target Levels per Chapter 62-777, F.A.C.

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:
 - (1) The date the Permittee visually observes evidence of a new SWMU or AOC.
 - (2) The date the Permittee visually observes evidence of a previously unidentified release of contaminant(s) to the environment.
 - (3) 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

1. 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 developed in accordance with Chapters 62-780 and 62-730, F.A.C. Remedial Action Plans may be performance based, including remediation options to be implemented based on changing conditions at the site.
2. The Permittee shall apply for a permit modification in accordance with Part I.22. of this permit within 30 days of a Department approved final remedy unless an alternative permit modification schedule has been approved by the Department. Final approval of remedial action which is achieved through interim measures shall be in accordance with this condition.
3. 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 and implemented with written Department approval. The Remedial Action Status Reports may be combined with any Environmental Monitoring Report required by Part IV.
4. 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.
5. 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).
6. 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)**

A.1 List of SWMUs / AOCs requiring Confirmatory Sampling				
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.				

A.2 List of SWMUs / AOCs requiring a Site Assessment (a/k/a RCRA Facility Investigation [RFI]) or a Risk Assessment				
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.				

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])				
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 requiring a Remedial Action Plan or a Natural Attenuation with Monitoring Plan.				

A.4 List of SWMUs / AOCs implementing a Remedial Action Plan or Natural Attenuation Monitoring Plan (a/k/a Corrective Measures Implementation [CMI])				
<u>**If noted as NFA below, corrective action is considered complete at the unit, and final disposition awaits facility-wide closure and/or development of appropriate institutional controls (status may be rescinded, and remedial activities resumed if intuitional controls are not implemented at closure):</u>				
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 <u>implementing</u> a Remedial Action Plan or a Natural Attenuation with Monitoring Plan.				

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

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

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.)		
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment and Basis for <u>Determination</u>
SWMU 1	Area A – Material Receiving, Loadout, and Staging Room	Permit Application dated April 18, 2012
SWMU 2	Area B – Lamp Processing Room	Permit Application dated April 18, 2012
SWMU 3	Area C – Processed Glass and Supply Storage Room	Permit Application dated April 18, 2012
SWMU 4	Area D – Solid Waste Dumpster, located outside near the two uncovered loading docks	Permit Application dated January 1, 2017

PERMITTEE: Lighting Resources, LLC
I.D. NUMBER: FLR 000 070 565

PERMIT NUMBER: 309339-004-HO
EXPIRATION DATE: July 6, 2027

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

**Kimberly A.
Walker**

Digitally signed by
Kimberly A. Walker
Date: 2022.08.02 14:06:25
-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: 2022.08.02 14:31:57 -04'00'

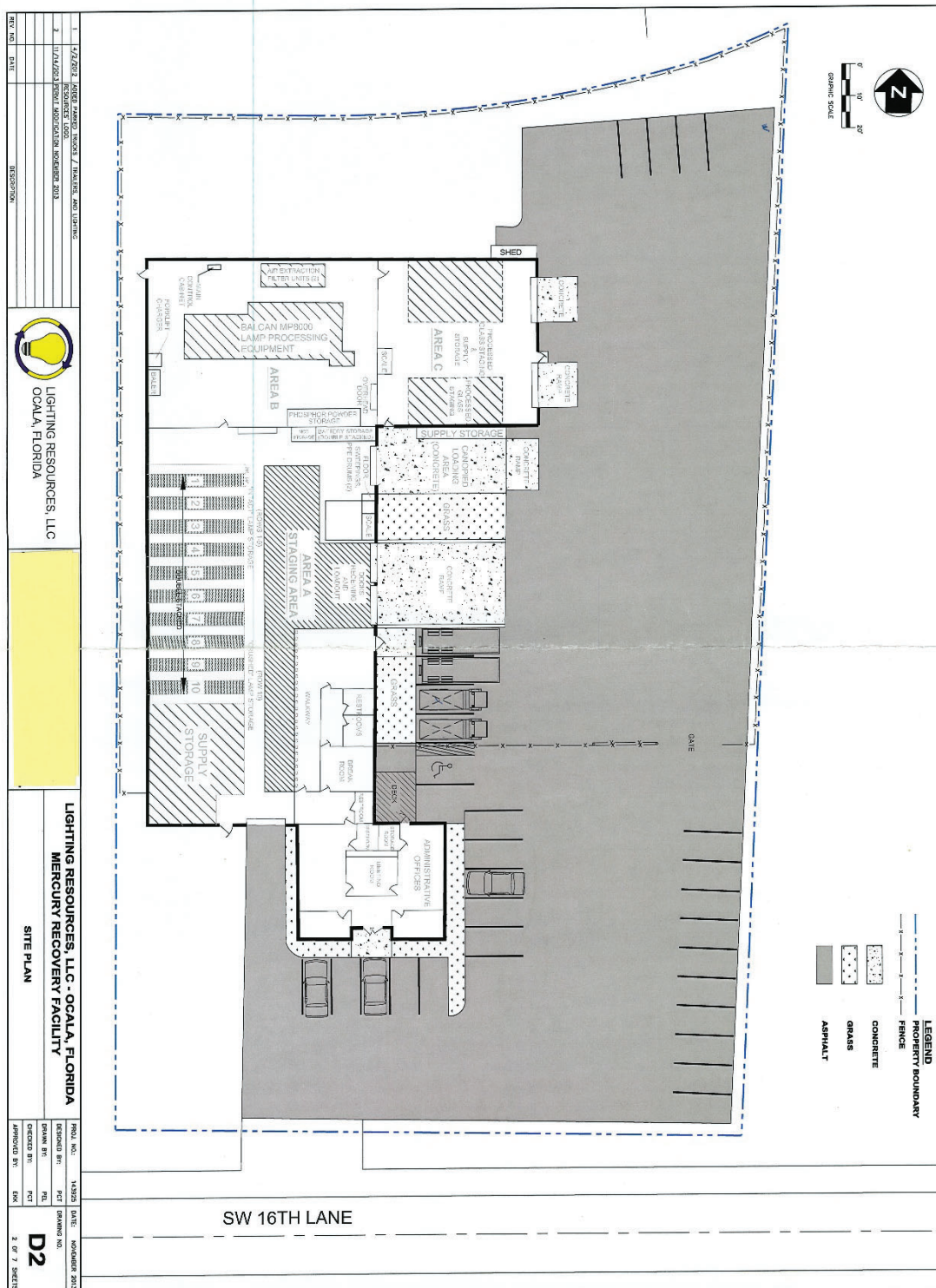
Clerk

Date

PERMITTEE: Lighting Resources, LLC
I.D. NUMBER: FLR 000 070 565

PERMIT NUMBER: 309339-004-HO
EXPIRATION DATE: July 6, 2027

ATTACHMENT A - FACILITY MAP



ATTACHMENT B – MAXIMUM PERMITTED STORAGE QUANTITIES

<p>Table 3-3 Lighting Resources, LLC - Mercury Recovery Facility, Ocala, FL Materials Handling, Storage/Staging Summary</p>		
Description	Handling Description	Maximum Quantities Staged / Stored
Intact Mercury Containing Lamps (MCLs)	<p>Store then process using lamp processing equipment. The lamp materials are machine sorted into various components, and containerized for transport offsite for reclamation (i.e., mercury containing phosphor powder in 55-gallon drums), products for commercial use (i.e., separated glass in roll offs and separated metals in 1 cubic yard boxes or drums), or disposal (i.e., separated glass in roll offs).</p> <p>Conservatively assumed 140,000 4-ft lamps (calculation of storage capacity 139,104 lamps). 75% T8 4ft lamps = 105,000. 25% T12 lamps = 35,000 Estimate 105,000 T8 lamps = 1800 per pallet = 58 pallets or 39,000 lbs. Estimate 35,000 T12 lamps = 900 per pallet = 39 pallets or 21,000 lbs.</p>	<p>Rows 1-9: 139,104 lamps contained in 97 pallets</p>
Crushed or Broken Mercury Containing Lamps (MCLs)	<p>Store then process using lamp processing equipment. The lamp materials are machine sorted into various components and containerized for transport offsite to a permitted mercury reclamation facility (i.e., mercury containing phosphor powder in 55-gallon drums), products for commercial use (i.e., separated glass in roll offs for commercial sandblasting, cement filler, or ceramic tile and separated metals in 1 cubic yard boxes or drums), or disposal (i.e., separated glass in roll offs). Each 55-gallon drum of crushed/broken MCLs is assumed to weigh 500-lbs.</p>	<p>Row 10: Fifty-six (56) - 55-gal. drums (28,000-lbs)</p>
Mercury Containing Devices (MCDs)	<p>Approved containers of Mercury Containing Devices are transported offsite to a permitted mercury reclamation facility. The maximum quantity stored shall be equal to Four (4) 55-gallon drums (750 lbs. per drum) of MCDs by volume or by weight which is assumed to be a total of 3,000 pounds. Drums are referenced for the purpose of weight and volume only as MCDs are usually transported in smaller containers including 5-gallon buckets</p>	<p>Four (4) - 55-gal. drums or equivalent volume or weight (3, 000 lbs.)</p>
Large and Small Type Batteries	<p>Sort by type, containerize in 55-gallon drums or other approved containers, and transport offsite to a battery recycling facility. Each 55-gallon drum is estimated to weigh approximately 640 lbs.</p>	<p>Fifty-six (56) - 55-gal. drum (36,000 lbs.)</p>
PCB Lamp Ballasts	<p>Received in 55-gallon steel drums or 5-gallon buckets and transported offsite to a ballast recycling facility where the PCBs will either be destroyed by incineration or sent for disposal in a permitted RCRA Subtitle C – landfill. Each 55-gallon drum of PCB Lamp Ballasts is assumed to weigh 750-lbs.</p>	<p>Two (2) - 55-gal. drums (1,500 lbs.)</p>
Non-PCB Lamp Ballasts	<p>Containerize, if necessary, in 55-gallon steel drums or other approved container, and transport offsite to a scrap metal dealer. Each 55-gallon drum of Non-PCB Lamp Ballasts is assumed to weigh 750-lbs.</p>	<p>Twenty-eight (28) - 55- gal. drums (21,000 lbs.)</p>
Separated Glass (cullet)	<p>Containerize in tipper, 1-cubic yard (CY) tri-ply box or gaylord box type to be consolidated in 20-yard roll off container to be later transported offsite for commercial use (i.e., commercial sandblasting, cement filler, ceramic tile) or disposal (landfilled). Each 20-yard roll offs assumed to weigh <30,000lbs.</p>	<p>Four (4) – 20 Yard Roll off containers (120,000 lbs.)</p>
Separated Metals	<p>Containerize in 55-gallon fiber drums, 1-cubic yard tri-ply box, gaylord box type or into a dedicated 20-cubic yard roll off container to be later transported offsite for commercial scrap. Each 55-gallon drum of separated metal materials is assumed to weigh 200-lbs.</p>	<p>Sixty (60) - 55-gal. drums (12,000 lbs.)</p>
Phosphor Powder	<p>Containerize in 55-gallon steel drums for transport offsite to a permitted mercury reclamation facility or approved landfill. Each 55-gallon drum of phosphor powder is assumed to weigh 750-lbs.</p>	<p>Thirty-two (32) - 55-gal.drums (24,000 lbs.)</p>