PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

Florida Department of Environmental Protection
Division of Air Resource Management, Office of Permitting and Compliance

Draft Air Permit No. 0570057-030-AC / PSD-FL-404C
EnviroFocus Lead-Acid Battery Recycling Facility
"Final Build-Out" Facility - Reconstruction and Expansion
Hillsborough County

Applicant: The applicant for this project is EnviroFocus Technologies, LLC (EFT). The applicant's authorized representative and mailing address are: Mr. Roger Cloutier, Chief Financial Officer, EnviroFocus Technologies, LLC, 1901 North 66th Street, Tampa, Florida 33619.

Facility and Location: EFT has a lead-acid battery recycling facility which is located in Hillsborough County at 1901 North 66th Street, Tampa, Florida.

Project: On April 20, 2013, EFT submitted an application for an air construction permit modification. This permit modification request reflects the "Final Build-Out" reconstructed and expanded EFT lead-acid battery facility in Tampa, Florida. Details of this "Final Build-Out" project along with the original air construction permit and previous permit modification authorizing the reconstructed and expanded facility are available at the following link: www.dep.state.fl.us/Air/emission/construction/hillsborough_county.htm

The facility recycles spent automotive and industrial lead-acid batteries, as well as other lead-bearing scrap materials to produce lead ingots by a process that includes battery breaking, lead smelting and refining/casting. The key reconstruction and expansion measures at the EFT lead-acid battery recycling facility included: the replacement of the existing battery breaker with a larger hammer mill; the addition of a feed dryer and installation of a reverberatory (reverb) furnace for additional smelting; and the installation of six kettles for additional refining. A plastics plant will also being constructed at the facility to turn the recycled plastic from the battery casings into saleable pellets. The reconstruction and expansion of the EFT facility has been basically completed and the facility in in initial operation and shakedown.

Air pollution control measures include: a wet impingement scrubber and stack and other improvements at the battery breaking area; a larger afterburner (an addition after burner chamber will be added as a result of this project), dryer baghouse, process baghouse, wet scrubber and stack for the lead smelting operation; and a new hygiene baghouse and stack for the refining/casting operation. In addition, a torit cartridge collector with a secondary HEPA filter has been installed to control emissions from the enclosure building: the entire recycling process is being totally enclosed and placed under negative pressure and exhausted via an expanded building ventilation system.

This permit modification (Air Permit No. 0570057-030-AC, PSD-FL-404C) reflects the "Final Build-Out" of the reconstructed and expanded facility, EFT requested the following changes:

- Revision and reallocation of the nitrogen oxide (NO_X) emission limits for the process and hygiene stacks with a 3.77 pounds per hour (lb/hr) net increase from the process stack. This revision required additional air dispersion modeling with respect to NO_X emissions from the facility to show that the nitrogen dioxide (NO_2) 1-hour National Ambient Air Quality Standard (NAAQS) was not violated;
- Identification of alternate chemical usage in the desulfurization process and the furnace scrubber;
- Identification of the burner rating for the furnaces afterburner;
- Revision of the process rates and monitoring requirements.
- Combined SO_2 limits from the process and hygiene stacks;
- Revision of the emergency generator size from 500 kW to 1000 kW;
- Identification of coke breeze as a raw material in the process description for the reverb furnace;
- Revised the process and hygiene baghouse specifications;
- Revised Appendix FDCO - Standard Operation Procedures for Fugitive Dust Control During Operational Activities of the permit, to reflect lessons learned;

- Authorize the replacement of the original process stack with a reconstructed stack of more corrosion resistant materials; and
- Installation of a separate afterburner dedicated to the blast furnace.

The previously conducted Prevention of Significant Deterioration (PSD) air quality impact analyses with respect to NO_X emissions were redone for the "Final Build-Out" project due to the requested increase in NO_X emissions of 3.77 pounds per hour from the process stack. The results for Class II PSD increment consumed as micrograms per cubic meter ($\mu g/m^3$) are shown in the below table.

Summary of PSD Class II Increment Analysis

Pollutant	Averaging Time	Allowable Increment ($\mu g/m^3$)	Increment Consumed	
			($\mu g/m^3$)	Percent
NO_2	Annual	25	9.1	36.4

A Class I PSD increment analysis was not required because the significant impact level (SIL) for NO_X was not exceeded. The revised air quality impact analyses for NO_X also showed the 1-hour nitrogen dioxide (NO_2) National Ambient Air Quality Standard of 188 $\mu g/m^3$ was not violated as a result of the project.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212, F.A.C. The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Division of Air Resource Management's Office of Permitting and Compliance is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available at web site given above.

Notice of Intent to Issue Air Construction Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all applicable provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit and requests for a public meeting for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 30-day period. In addition, if a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received comments result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the

Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person 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 approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes 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 the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.