

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO 20241115 – INP000734– D
DATE OF NOTICE: November 15, 2024
DATE RESPONSE DUE: December 16, 2024

The Office of Water Quality proposes the following DRAFT IWP PERMIT:

Minor – Modification:

Terra Supreme Battery LLC, Permit No. INP000734, NOBLE COUNTY, 1563 East State Road 8, Albion, IN. The permittee requested the removal of RO reject water from the permit. This modification approval will remove Outfall 002 from the permit in its entirety. Permit Manager: Kira Wren at 317/233-7090, kwren@idem.in.gov. Posted online at <https://www.in.gov/idem/public-notices/>.

PROCEDURES TO FILE A RESPONSE

You are hereby notified of the availability of a 30-day public comment period regarding the referenced draft permit, in accordance with 327 IAC 5-21-11. The application and draft permit documents are available for inspection at IDEM, Office of Water Quality, Indiana Government Center North - Room 1255, 100 N. Senate Ave, Indianapolis, IN 46204 from 9:00 a.m. until 4:00 p.m., Monday thru Friday, (copies 10¢ per page). The Draft Permit is posted online on the above-referenced IDEM public notice web page. A courtesy copy has also been sent via email to the local County Health Department. Please tell others whom you think would be interested in this matter. For more information about public participation including your rights & responsibilities, please see <https://www.in.gov/idem/public-notices/>. You may want to consult our online Citizens' Guide to IDEM: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>.

Comments: The proposed decision to issue a permit is tentative. Interested persons are invited to submit written comments on the draft permit. All comments must be delivered to IDEM or postmarked no later than the Response Due Date noted to be considered in the decision to issue a final permit. Deliver or mail all requests or comments to the attention of the Permit Manager at the above address.

To Request a Public Hearing: Any person may request a public hearing. A written request must be submitted to the above address on or before the Response Due Date. The written request shall include: the name and address of the person making the request, the interest of the person making the request, persons represented by the person making the request, the reason for the request and the issues proposed for consideration at the hearing. The Department will determine whether to hold a public hearing based upon the comments and the rationale for the request. Public Notice of such a hearing will be circulated in at least one newspaper in the geographical area of the discharge and to those persons submitting comments and/or on the mailing list at least 30 days prior to the hearing.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

November 15, 2024

VIA ELECTRONIC MAIL

Jay Benny, CTO
Terra Supreme Batter, LLC
1563 East State Road 8 PO Box 222
Albion, Indiana 46701

Dear Mr. Benny:

Re: IWP Permit No. INP000734
Draft Permit Modification
Terra Supreme Battery, LLC
Albion, IN – Noble County

Your request for a permit modification has been reviewed and processed in accordance with the rules adopted under 327 IAC 5. The enclosed Pages 1 and 4 through 5 of 24 are intended to replace the corresponding pages of your existing IWP Permit No. INP000734. An accompanying Briefing Memo itemizes and explains the rationale for the revisions.

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/idem/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available to solicit input from interested parties, including the public.

Please review this draft permit modification and associated documents carefully to become familiar with the proposed terms and conditions. Comments concerning the draft permit modification should be submitted in accordance with the procedure outlined in the enclosed public notice form. We suggest that you meet with us to discuss major concerns or objections you may have with the draft permit modification.

Jay Benny, CTO
Page 2

Questions concerning this draft permit modification may be addressed to Kira Wren of my staff, at (317) 233-7090 or by email at KWren@idem.IN.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Hamblin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Richard Hamblin, Chief
Industrial NPDES Permits Section
Office of Water Quality

Enclosures

cc: Noble County Health Department
Terry Fork, Albion POTW
Zachary A. Bowman, zbowman@eaesllc.com
John Donnellan, IDEM
Northeast Regional Office

STATE OF INDIANA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

INDUSTRIAL WASTEWATER PRETREATMENT (IWP) PERMIT

In accordance with 327 IAC 5-21 and IDEM's permitting authority under IC 13-15, Terra Supreme Battery, LLC (hereinafter referred to as the permittee) is authorized to discharge, from the facility located at **1563 East State Road 8**, Albion, Indiana into the **Town of Albion** Publicly Owned Treatment Works (POTW), in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit, as issued on **July 10, 2024**, is hereby amended, as contained herein. The amended provisions shall become effective **August 1, 2024**. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the amendments will remain in effect until the amended provisions become effective. This permit and the authorization to discharge, as amended, shall expire at midnight **July 31, 2029**.

NOTE: In order to receive authorization to discharge beyond the date of expiration, the permittee must submit a renewal IWP permit application to the Industrial NPDES Permit Section in the Office of Water Quality, no later than one hundred and eighty (180) days prior to the date this permit expires. Failure to do so will result in expiration of the authorization to discharge.

Signed on _____ for the Indiana Department of
Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

INTENTIONALLY LEFT BLANK

INTENTIONALLY LEFT BLANK



Industrial Wastewater Pretreatment (IWP)
Briefing Memo for
Terra Supreme Battery LLC
Draft modification October 2024
Final modification

Indiana Department of Environmental Management

100 North Senate Avenue
 Indianapolis, Indiana 46204
 (317) 232-8603
 Toll Free (800) 451-6027
www.idem.IN.gov

Permittee:	Terra Supreme Battery LLC 1563 East State Road 8 PO Box 222 Albion, Indiana, 46701
Existing Permit Information:	Permit Number: INP000734 Expiration Date: July 31, 2029
Facility Contact:	Jay Benny, CTO (512) 815-5181, benny.jay@terrasupremebattery.com
Facility Location:	1563 East State Road 8 Albion, Indiana, 46701 Noble County
Receiving POTW:	Albion WWTP NPDES Permit #IN0022144
Proposed Permit Action:	Modification
Source Category	Industrial Pretreatment
Permit Writer:	Kira Wren (317) 233-7090 or KWren@idem.IN.gov

Table of Contents

1.0 Introduction.....	3
2.0 Permit Modification	Error! Bookmark not defined.
2.1 Modification Request	3
2.2 IDEM's Proposed Modification.....	3
3.0 Permit Processing/Public Comment.....	3

1.0 INTRODUCTION

The Indiana Department of Environmental Management (IDEM) received a request from Terra Supreme Battery, LLC on September 3, 2024 to modify Industrial Wastewater Pretreatment (IWP) Permit INP000734. The current five year permit was issued with an effective date of August 1, 2024 in accordance with 327 IAC 5-2-6(a).

In accordance with Title 40 of the Code of Federal Regulations (CFR) Sections 124.7 and 124.56, as well as Indiana Administrative Code (IAC) 327 Article 5, development of a Statement of Basis, or Briefing Memo, is required for NPDES permits. This document fulfills the requirements established in those regulations.

This Briefing Memo identifies the basis for this modification to the permit and the modified pages of the permit issued on July 10, 2024.

2.0 PERMIT MODIFICATION

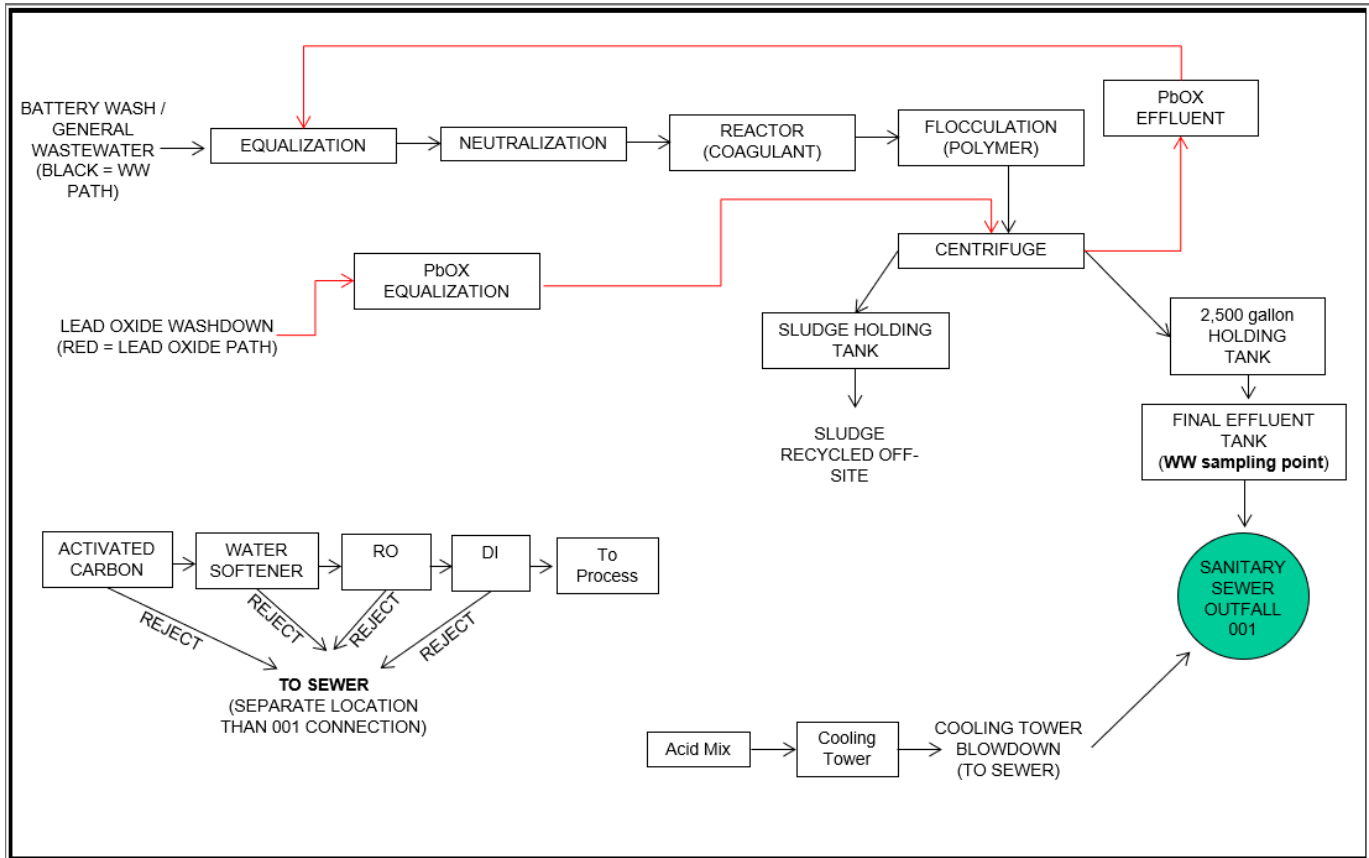
2.1 Modification Request

The permittee requested the removal of RO reject water from the permit as by design the RO reject discharge volume will only constitute 1,250 gallons daily maximum potential discharge. The RO/DI waters used in the acid mixing process and with the acid reclaim system in place, the amount of RO/DI water generated is greatly reduced driving down the calculated maximum of 1,250 gallons.

2.2 IDEM's Proposed Modification

IDEM agrees and will remove the limits placed on the discharges that consist of RO/DI water associated with Outfall 002. The volume of discharge is an insignificant amount to the POTW. This modification approval removes Outfall 002 from the permit in its entirety. The effective date of this modification will be backdated to the previously issued permit approval with date of August 1, 2024 to reflect these changes. Additionally, during a meeting held with facility on October 18, 2024 composite versus grab sampling was discussed for the pretreatment system. The facility agrees to retain composite sampling for the pretreatment system as it is more representative of the facility's operations. Furthermore, an updated flow diagram was provided by Terra Supreme Battery, LLC on October 28, 2024 noted below as Figure 1 below.

Figure 1: Flow Diagram



EES ENGINEERING & ENVIRONMENTAL SOLUTIONS, LLC

**PRETREATMENT PROCESS FLOW DIAGRAM
TERRA SUPREME BATTERY LLC
ALBION, INDIANA**

3.0 Permit Processing/Public Comment

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/idem/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available to solicit input from interested parties, including the public.