



## WATER QUALITY MANAGEMENT PERMIT

<p>A. PERMITTEE (Name and Address): CLIENT ID#: <b>379681</b>  <b>Boxer US Inc.</b>  <b>200 S Biscayne Boulevard Suite 3250</b>  <b>Miami, FL 33131-2310</b></p>	<p>B. PROJECT/FACILITY (Name):  <b>Sc Johnson Carlisle Warehouse Facility</b></p>	
<p>C. LOCATION (Municipality, County): SITE ID#: <b>544330</b>  <b>Dickinson Township, Cumberland County</b></p>		
<p>D. This (permit/amendment/transfer) approves the (construction/modification/operation/transfer) of sewage facilities consisting of:  <b>• A Cromaglass CA-30D denitrifying treatment plant with methanol addition, dosing tank, 48' x 104' sand mound and aerated biosolids holding tank.</b></p>		
<p>Pump Stations: <b>Influent</b>                  Design Capacity: <b>22</b> GPM</p>	<p>Manure Storage:                  Volume: _____ MG                  Freeboard: _____ inches</p>	<p>Sewage Treatment Facility:                  Annual Average Flow: <b>0.0024</b> MGD                  Design Hydraulic Capacity: <b>0.0024</b> MGD                  Design Organic Capacity: <b>5.4</b> lb/day</p>
<p>E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:</p> <ol style="list-style-type: none"> <li><b>Transfers:</b> Water Quality Management Permit No. <u>2101402, 2101402 01-1, 2101402 03-1, 2101402 04-1, 2101402 T-1, 2101402 T-3, and 2101402 T-4</u> dated <u>June 11, 2001, December 17, 2001, January 6, 2004, June 24, 2004, August 1, 2006, February 24, 2016, and June 26, 2017</u> <b>respectively</b> and conditions, supporting documentation and addendums are also made part of this transfer.</li> <li>Special Conditions <b>A through R</b> are attached and made part of this permit.</li> </ol>		
<p>F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:</p> <ol style="list-style-type: none"> <li>If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.</li> <li>Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.</li> <li>This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 <i>et seq.</i> Issuance of this permit shall not relieve the permittee of any responsibility under any other law.</li> </ol>		
<p>PERMIT ISSUED:  <u>April 1, 2024</u></p>	<p>BY: <u>Maria D. Bebenek</u>                  Maria D. Bebenek, P.E.                  TITLE: <b>Clean Water Program Manager                  Southcentral Regional Office</b></p>	



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER

**SPECIAL CONDITIONS**

Water Quality Management Permit No. **2101402-T4**

A. Disclaimer

Consistent with the Department of Environmental Protection's Application Review Policy for Water Management (Part II) Permits, the Department did not conduct a detailed technical review of this application. The Department considers Stephen R. Morse, the registered professional engineer whose seal is affixed to the design documents, to be fully responsible for the adequacy of all aspects of the facility design.

B. Permit Amendment No. 04-1 changed the permit from experimental to regular status. The amendment did not endorse this treatment system as a denitrifying system for use at other sites.

C. Wastewater Monitoring and Treatment Requirements

1. The effluent from the treatment facility shall not exceed the following limitations:

Parameter	Monthly Average (mg/l)	Maximum Daily (mg/l)	Monitoring Frequency	Sample Type
Flow (mgd)	Shall be monitored		Continuous	Measured
CBOD <sub>5</sub>	Monitor & Report	Monitor & Report	2/month	Grab
Total Suspended Solids	Monitor & Report	Monitor & Report	2/month	Grab
Total Nitrogen as N	10*	Monitor & Report	2/month	Grab
NO <sub>3</sub> -N + NO <sub>2</sub> -N as N	Monitor & Report	Monitor & Report	2/month	Grab
TKN as N	Monitor & Report	Monitor & Report	2/month	Grab
NH <sub>3</sub> -N as N	Monitor & Report	Monitor & Report	2/month	Grab

\* Total Nitrogen shall be reported as an annual average calculated as the arithmetic average of 12 consecutive months of data ending with the current reporting month.

2. The results of all sampling analyses are to be indicated on the Monitoring Report forms provided by the Department. These monitoring forms and any other reports that are required shall be submitted to the following address within 28 days after the end of each monthly report period:

Clean Water Program  
Department of Environmental Protection  
Southcentral Regional Office  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

D. It is highly recommended that the flow be monitored continuously. The permittee shall calculate and report the average daily flow when continuous flow monitoring cannot be performed. The permittee shall collect samples for those parameters identified in Special Condition C.1 when actual flow is being monitored.

E. The Total Nitrogen (expressed as N) content of an aqueous sample is determined by adding the individual analytical results (expressed as N) for Total Kjeldahl Nitrogen, Nitrite-Nitrogen, and Nitrate-Nitrogen. Total Kjeldahl Nitrogen is the sum of Organic Nitrogen and Ammonia Nitrogen as determined by the Kjeldahl method.

F. The permittee shall maintain a contract providing for an operator experienced in the operation of similar denitrifying treatment systems to operate the sewage treatment plant.

- G. This permit authorizes the construction and operation of the proposed sewerage facilities until such time as facilities for conveyance and treatment at a more suitable location are installed and are capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with the applicable municipal official plan adopted pursuant to Section 5 of the Pennsylvania Sewerage Facilities Act, the Act of January 24, 1956, P.L. 1535, as amended. When such municipal sewerage facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities, abandon the use of the herein approved facilities, and notify the Department accordingly. This permit shall then, upon notice from the Department, terminate and become null and void, and shall be relinquished to the Department.
- H. No stormwater from pavements, areaways, roofs, foundation drains or other sources shall be admitted to the sanitary sewers herein approved.
- I. The various structures and apparatus of the herein approved sewage treatment works shall be maintained in proper condition so that the facility will individually and collectively perform the functions for which they were designed.
- J. If, in the opinion of the Department, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, or changed use or condition of the receiving body of water, or otherwise the effluent from the said works ceases to be satisfactory or the sewerage facilities shall have created a public nuisance, then upon notice by the Department, the right herein granted shall cease and become null and void unless within the time specified by the Department, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Department, will be satisfactory.
- K. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper portions with air, and to the highly toxic character of certain gases arising from such digestion or from sewage in insufficiently ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion, or danger from toxic gases may occur, the permittee shall post conspicuously proper warnings of a permanent and legible character, and shall provide for the thorough instruction of all employees concerning these hazards and in first aid and emergency methods of meeting such hazards, and shall further provide, in a conveniently accessible place, all necessary equipment and material.
- L. Cross connections between the potable water supply and the sewerage system constitute a potential danger to the public health. Therefore, all direct and indirect connections whereby under normal or abnormal conditions the potable water supply may become contaminated from an inferior water supply from any unit of the sewage treatment works, or by any appurtenance thereof, or from any part of a sewerage system are hereby specifically prohibited. The permittee is further warned against permitting to be made permanent any temporary connection with a potable supply designed to be held in place while being used for flushing or other purposes, and is also cautioned against the danger of back siphonage through portable hose lines and similar avenues of possible contamination.
- M. All industrial waste discharged or proposed for discharge into the sewer system shall be studied to determine the degree of pretreatment necessary in order that the industrial waste will not adversely affect the sewerage facilities or the sewage treatment process. The permittee shall properly control any industrial waste discharge into its sewerage system by regulating the rate of such discharge, providing necessary pretreatment, and excluding industrial waste, if necessary, to protect the integrity of the permittee's sewerage system.
- N. Receipt of this permit does not relieve the permittee of its obligations to comply with all federal, interstate, state, or local laws, ordinances, and regulations applicable to the construction and operation of the sewerage facilities authorized herein. If the project involves earth moving activities, an erosion and sedimentation control plan must be prepared and implemented. Contact the county conservation district for specific requirements for your project.
- O. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, title easement, or interest in, on, to, or over any lands belonging to the Commonwealth.
- P. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, the permittee shall allow authorized representatives of DEP, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or The Clean Streams Law, any substances or parameters at any location.

Q. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with the Solid Waste Management Act (35 P.S. §§ 6018.101 - 6018.1003), and in a manner equivalent to the requirements indicated in Chapters 271, 273, 275, 283, and 285 (relating to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR Parts 501 and 503, The Clean Streams Law, and the Federal Clean Water Act and its amendments.

R. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. Records Retention

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least five years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three years from the date of the sample measurement, report, or application. The three-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures

Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those approved under 40 CFR 136 (or in the case of sludge use or disposal, approved under 40 CFR 136, unless otherwise specified in 40 CFR 503), or alternate test procedures approved pursuant to those parts, unless other test procedures have been specified in this permit.

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA.

- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR 136.