



Janet Napolitano
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Stephen A.
Owens
Director

Notice of Proprietary Treatment Product Listing Pursuant to Arizona Administrative Code R18-9-A309(E)

1. Proprietary Treatment Product Name, Model, and Description

Product Name: Cromaglass Corporation
Model: CA-5
Description: The Cromaglass CA-5 is a Sequencing Batch Reactor (SBR) system, consisting of a fiber glass tank with 3 sections – a solid retention section, aeration section with a submersible pump, and a contact clarifier section with pump and related appurtenances.

2. Manufacturer Information

Name: Cromaglass Corporation
Address: 2902 N. Reach Road
City/State/Zip: Williamsport, PA17701
Phone: 570-326-3396
Fax: 570-326-6426
Website: www.cromaglass.com

3. Recognized Treatment Performance

Parameter	Averaging Time	Maximum Value for Parameter & Averaging Time
5-Day Biochemical Oxygen Demand (BOD ₅), mg/l	30-day arithmetic mean	60
Total Suspended Solids (TSS), mg/l	30-day arithmetic mean	60
Total nitrogen (as nitrogen), mg/l	five-month arithmetic mean	53
Total coliform, colony forming units/100ml	95th percentile	10,000,000

THIS NOTICE OF TREATMENT PRODUCT LISTING IS DOWNLOADABLE FROM
http://www.azdeq.gov/environ/water/permits/download/tp1_cromaglass_ca5.pdf

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4. Product Applicability and Limitations for Use for a Recognized General Permit Technology

<p>Applicability: This listing is for Cromaglass Treatment System Model CA-5 only for the treatment technology specified in A.A.C. R18-9-E315.</p>
<p>Limitations:</p> <ul style="list-style-type: none"> A. The product is for treating wastewater from “single and individual family dwellings” with a maximum design flow of 500 gpd established per A.A.C. R18-9-A309(B)(3). B. Optional chlorinator shall not be used because the Model CA-5 treatment performance does not comply with A.A.C. R18-9-E320(D)(1). C. Listing does not include control panel and alarm device which shall comply with manufacturer specifications and 18 A.A.C. 9, Article3.

5. Alternative Criteria and Exceptions for Use under the Recognized General Permit Technology

Alternative Criteria:	NONE
Exception:	NONE

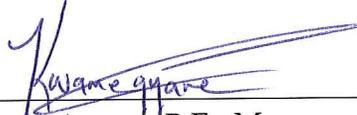
6. Documents Used as the Basis for this Proprietary Treatment Product Listing Notice

Application for Treatment Product Listing:	Dated 10-26-2007. (NOTE 1)
Parts List:	Section XIV of the Operation and Maintenance (O&M) Manual, 2001, 2 Pages. (NOTE 1)
Installation Instructions:	Section V and XIII of the O&M Manual, 2001, 4 pages. (NOTE 1)
Manufacturer’s Warrantee:	Section XVII of the O&M Manual, 2001, total of 3 pages. (NOTE 1)
Third party test data:	(NOTE 2)
Manufacturer’s Specifications:	(NOTE 3)
<p>NOTE 1 – This document is an integral part of this Proprietary Treatment Product Listing Notice and is included in the Arizona Department of Environmental Quality website at: http://www.azdeq.gov/environ/water/permits/download/tpl_cromaglass_ca5.pdf</p> <p>NOTE 2 - Evaluation of an SBR Sewage Treatment System for Wastewater Recycle/Reuse, Ben Franklin Project #1176, October, 1996.</p> <p>NOTE 3 - Cromaglass Wastewater Treatment System Batch Treatment Process Nature Undisturbed (1 page).</p>	

7. Terms and Conditions for this Proprietary Treatment Product Listing Notice

- A. This Notice of Proprietary Treatment Product Listing shall remain in effect until any of the following occurs:
- i. Applicable provisions of the Arizona Administrative Code, Title 18, Chapter 9, Article 3 are revised;
 - ii. Documents used for the basis of this listing are altered or modified;
 - iii. Manufacturer claims which are relied upon for this listing are later determined to contain an error or omission;
 - iv. The manufacturer requests termination of this listing;
 - v. A listing error or omission is identified; or
 - vi. The manufacturer and ADEQ mutually agree to reissue this notification to incorporate correction or update for any reason.
- B. This Notice of Proprietary Treatment Product Listing does not apply to:
- i. Listed proprietary treatment products which are modified or operated in a manner that conflicts with Arizona law or other documents used for the basis of this approval in Section 6.
 - ii. Listed proprietary treatment products used in a manner that cannot achieve the performance in Section 3 above.
- C. This Notice of Proprietary Treatment Product Listing applies solely to the product specified in Section 1 above.
- D. The manufacturer is responsible for notifying the ADEQ of any changes to contact information at the following address:
Attention: Product Listing Supervisor
Engineering Review Desk,
1110 West Washington Street
Phoenix, AZ 85007.

Signature: _____


Kwame A. Agyare, P.E. Manager
Engineering Review Section
Water Quality Division

Date Signed: _____

8/14/08

ERP: 08-649
ADEQ File Number: 20070806
Reviewer: tfl