



TEST REPORT

Client Name: Basecrete Technologies, LLC

Client Address: 8255 Consumer Ct,
Sarasota, FL 34240

Client Factory ID:

Certification Engineer/Chemist: Cameron Song

Attention: Kael Barbour

Product Type: Cementitious Waterproof Membrane

Laboratory Work Order No: 22E0259

Testing Standard: NSF/ANSI/CAN 61

Project Type: Initial Certification

Report Date: 7/6/2022

Test Result: Pass

Test Summary:

This report describes the results of the representative sample of Cementitious Waterproof Membrane for which the model Basecrete was tested for compliance with the requirements of NSF/ANSI/CAN 61 - Drinking Water System Components - Health Effects.

Test results were normalized following the standard requirements and compared to the Maximum Concentration Limit (MCL) as specified in the said standard for Drinking Water Criteria.

Based on the normalized results, the test sample of Model Basecrete met the requirements of NSF/ANSI/CAN 61 - 2020 for a nominal tank capacity of 8000 gallons.

Test Report Reviewed by: _____

Thank you for providing the opportunity to test your product. For any questions, please contact your Certification Engineer/Chemist.



LEACHATE WATER - METALS TEST REPORT - pH 5

Client: Basecrete Technologies, LLC	Testing Standard: NSF/ANSI/CAN 61
Project #: 22E0259	Year: 2020
Product Type: Cementitious Waterproof Membrane	Client ID:
Model: Basecrete	Normalization Factor: 0.039
Size:	Analysis Date: 6/9/2022

Parameter	Lab. Result	RL	Normalized		Units	Method
			Lab. Result	RL		
Antimony	<RL	1.0	<RL	0.039	ug/L	EPA200.8
Arsenic	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Barium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Beryllium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Bismuth	<RL	1.0	<RL	0.039	µg/L	EPA200.7
Cadmium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Chromium	55	1.0	2.1	0.039	µg/L	EPA200.8
Copper	5.5	1.0	0.22	0.039	µg/L	EPA200.8
Lead	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Mercury	<RL	0.20	<RL	0.0078	µg/L	EPA200.8
Nickel	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Selenium	13	2.0	0.49	0.078	µg/L	EPA200.8
Thallium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Zinc	<RL	20	<RL	0.78	µg/L	EPA200.7

RL= Reporting Limit

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from Truesdail Laboratories.



LEACHATE WATER - METALS TEST REPORT - pH 10

Client: Basecrete Technologies, LLC

Testing Standard: NSF/ANSI/CAN 61

Project #: 22E0259

Year: 2020

Product Type: Cementitious Waterproof Membrane

Client ID:

Model: Basecrete

Normalization Factor: 0.039

Size:

Analysis Date: 6/9/2022

Parameter	Result	RL	Normalized		Units	Method
			Result	RL		
Antimony	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Arsenic	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Barium	130	1.0	5.1	0.039	µg/L	EPA200.8
Beryllium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Bismuth	<RL	1.0	<RL	0.039	µg/L	EPA200.7
Cadmium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Chromium	57	1.0	2.2	0.039	µg/L	EPA200.8
Copper	4.4	1.0	0.17	0.039	µg/L	EPA200.8
Lead	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Mercury	<RL	0.20	<RL	0.0078	µg/L	EPA200.8
Nickel	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Selenium	14	2.0	0.53	0.078	µg/L	EPA200.8
Thallium	<RL	1.0	<RL	0.039	µg/L	EPA200.8
Zinc	<RL	20	<RL	0.78	µg/L	EPA200.7

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LEACHATE WATER - Volatile Organic Test Report

Client Name: Basecrete Technologies, LLC

Testing Standard: NSF/ANSI/CAN 61

Project# : 22E0259

Year: 2020

Product Type: Cementitious Waterproof

Client ID:

Model: Basecrete

Normalization Factor: 0.039

Size:

Analysis Date: 6/22/2022

Parameter	Lab. Results	Normalized Lab. Results	RL	Normalized RL	Unit	Method
Chloromethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Dichlorodifluoromethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Vinyl Chloride	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Bromomethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Chloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Trichlorofluoromethane	<RL	<RL	1.0	0.039	µg/L	EPA 524.2
1,1,2-Trichlorotrifluoroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Acrolein	<RL	<RL	2.0	0.078	µg/L	EPA 524.2
Acetone	<RL	<RL	5.0	0.20	µg/L	EPA 524.2
1,1-Dichloroethene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Methylene chloride	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Methyl tert-Butyl Ether	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
tert-Butyl Alcohol	<RL	<RL	2.5	0.098	µg/L	EPA 524.2
trans-1,2-Dichloroethene	<RL	<RL	1.0	0.039	µg/L	EPA 524.2
Acrylonitrile	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,1-Dichloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Diisopropyl ether	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Ethyl tert-Butyl Ether	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
cis-1,2-Dichloroethene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
2-Butanone	<RL	<RL	2.0	0.078	µg/L	EPA 524.2
Chloroform	0.18	0.0070	0.50	0.020	µg/L	EPA 524.2
1,1,1-Trichloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
2,2-Dichloropropane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Carbon Tetrachloride	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Benzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2-Dichloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Bromochloromethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Trichloroethene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2-Dichloropropane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Bromodichloromethane	0.13	0.0051	0.50	0.020	µg/L	EPA 524.2
1,1-Dichloropropene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
cis-1,3-Dichloropropene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
4-Methyl-2-Pentanone	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
tert-Amyl methyl ether	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Toluene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
trans-1,3-Dichloropropene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,1,2-Trichloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2

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LEACHATE WATER - Volatile Organic Test Report

Client Name: Basecrete Technologies, LLC

Testing Standard: NSF/ANSI/CAN 61

Project# : 22E0259

Year: 2020

Product Type: Cementitious Waterproof

Client ID:

Model: Basecrete

Normalization Factor: 0.039

Size:

Analysis Date: 6/22/2022

Parameter	Lab. Results	Normalized Lab. Results	RL	Normalized RL	Unit	Method
Dibromomethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Tetrachloroethene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
2-Hexanone	<RL	<RL	1.0	0.039	µg/L	EPA 524.2
Dibromochloromethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Chlorobenzene	0.48	0.019	0.50	0.020	µg/L	EPA 524.2
Ethylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,1,1,2-Tetrachloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
m,p-Xylene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
o-Xylene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Styrene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,3-Dichloropropane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Bromoform	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,3-Dichlorobenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,4-Dichlorobenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2-Dibromoethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2-Dichlorobenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,1,2,2-Tetrachloroethane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Isopropylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Bromobenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
n-Propylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2,3-Trichloropropane (TCP)	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
2-Chlorotoluene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,3,5-Trimethylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
4-Chlorotoluene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
tert-Butylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2,4-Trimethylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
sec-Butylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
4-Isopropyltoluene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
n-Butylbenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2-Dibromo-3-chloropropane	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
1,2,4-Trichlorobenzene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Hexachlorobutadiene	<RL	<RL	0.50	0.020	µg/L	EPA 524.2
Naphthalene	0.10	0.0039	0.50	0.020	µg/L	EPA 524.2
1,2,3-Trichlorobenzene	0.20	0.0078	0.50	0.020	µg/L	EPA 524.2
Carbon Disulfide	<RL	<RL	0.50	0.020	µg/L	EPA 524.2

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LEACHATE WATER - Semivolatile Organic Test Report

Client Name: Basecrete Technologies, LLC Testing Standard: NSF/ANSI/CAN 61
 Project# : 22E0259 Year: 2020
 Product Type: Cementitious Waterproof Me Client ID:
 Model: Basecrete Normalization Factor: 0.039
 Size: Analysis Date: 6/23/2022

Parameter	Lab. Results	Normalized Lab. Results	RL	Normalized RDL	Unit	Method
1,2,4-Trichlorobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
1,2-Dichlorobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
1,3-Dichlorobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
1,4-Dichlorobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,4,5-Trichlorophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,4,6-Trichlorophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,4-Dichlorophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,4-Dimethylphenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,4-Dinitrophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,4-Dinitrotoluene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2,6-Dinitrotoluene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2-Chloronaphthalene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2-Chlorophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2-Methylnaphthalene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2-Methylphenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2-Nitroaniline	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
2-Nitrophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
3,3-Dichlorobenzidine	<RL	<RL	4.0	0.16	µg/L	EPA 625.1
3-Nitroaniline	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4,6-Dinitro-2-methylphenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Bromophenyl phenyl ether	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Chloro-3-methylphenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Chloroaniline	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Chlorophenyl phenyl ether	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Methylphenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Nitroaniline	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
4-Nitrophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Acenaphthene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Acenaphthylene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Anthracene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
1,2-Diphenylhydrazine/Azobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Benzidine	<RL	<RL	4.0	0.16	µg/L	EPA 625.1
Benzo(a)anthracene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Benzo(a)pyrene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Benzo(b)fluoranthene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1

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LEACHATE WATER - Semivolatile Organic Test Report

Client Name: Basecrete Technologies, LLC Testing Standard: NSF/ANSI/CAN 61
 Project# : 22E0259 Year: 2020
 Product Type: Cementitious Waterproof Me Client ID:
 Model: Basecrete Normalization Factor: 0.039
 Size: Analysis Date: 6/23/2022

Parameter	Lab. Results	Normalized Lab. Results	RL	Normalized RDL	Unit	Method
Benzo(g,h,i)perylene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Benzo(k)fluoranthene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Benzyl alcohol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Bis(2-chloroethoxy)methane	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Bis(2-chloroethyl)ether	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Bis(2-chloroisopropyl)ether	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Bis(2-ethylhexyl)phthalate	0.73	0.028	2.0	0.078	µg/L	EPA 625.1
Butylbenzylphthalate	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Carbazole	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Chrysene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Dibenzo(a,h)anthracene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Dibenzofuran	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Diethylphthalate	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Dimethylphthalate	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Di-n-butyl phthalate	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Di-n-octylphthalate	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Fluoranthene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Fluorene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Hexachlorobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Hexachlorobutadiene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Hexachlorocyclopentadiene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Hexachloroethane	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Indeno(1,2,3-cd)pyrene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Isophorone	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Naphthalene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Nitrobenzene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
N-Nitrosodimethylamine	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
N-Nitroso-di-n-propylamine	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
N-Nitrosodiphenylamine	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Pentachlorophenol	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Phenanthrene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1
Phenol	7.9	0.31	2.0	0.078	µg/L	EPA 625.1
Pyrene	<RL	<RL	2.0	0.078	µg/L	EPA 625.1

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