

Pracheil, Brad

From: Scott Tingelhoff <stingelhoff@mrgkc.com>
Sent: Monday, March 22, 2021 9:54 PM
To: Pracheil, Brad
Subject: FW: Lab Test Results - 20210301-007
Attachments: 20210301-007.pdf

Brad,

This is the final lab results from the first samples we sent in (including the Clean Harbors filtered water).

Scott

Scott Tingelhoff
General Manager
AltEn, LLC
1344 County Road 10
Mead, NE 68041
Office: (402) 624-2000, ext. 1008
Direct: (402) 624-0900
Fax: (402) 624-2027
stingelhoff@mrgkc.com

-----Original Message-----

From: Ken Peterson
Sent: Friday, March 19, 2021 11:43 AM
To: Scott Tingelhoff <stingelhoff@mrgkc.com>
Subject: FW: Lab Test Results - 20210301-007

Final results for the first test.

Ken Peterson
Plant Manager

AltEn, LLC
1344 County Road 10
Mead, NE 68041
Phone: 402.624.2000 ext. 1001
Direct line: 402-624-0990
Cell: 605.354.0631
E-mail: kpeterson@mrgkc.com

-----Original Message-----

From: regina.wixon@sdaglabs.com <regina.wixon@sdaglabs.com>
Sent: Friday, March 19, 2021 11:35 AM
To: Ken Peterson <kpeterson@mrgkc.com>



Cc: regina.wixon@sdaglabs.com; katie.ahlstrom@sdaglabs.com; terri.vanerem@sdaglabs.com

Subject: Lab Test Results - 20210301-007

Please find the results of analysis for your recent submission to South Dakota Agricultural Laboratories. These results are indicative of the sample(s) as received at the laboratory. We invite you to visit our website at <https://gcc02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.sdaglabs.com%2F&data=04%7C01%7Cbrad.pracheil%40nebraska.gov%7C6471bc7b701e42186f0908d8eda6dba7%7C043207dfe6894bf6902001038f11f0b1%7C0%7C0%7C637520648327906189%7CUnknown%7CTWFpbGZsb3d8eyJWlloiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0%3D%7C1000&sdata=iPOC6cnzjGtyPt7af4qzu5TtF5599VpzBHq6LrShaYs%3D&reserved=0> for submission forms, definitions for symbols and abbreviations used in the report, interpretation documents, a complete listing of services and fees, sampling instructions and other information. We appreciate comments to improve our website and its usefulness to you.

Thank you very much for supporting our laboratory. If there is anything we can do to further assist you, please let us know.

South Dakota Agricultural Laboratories
1335 Western Avenue
Brookings, SD 57006
Call: 605-692-7325
Fax: 605-692-7236
Email: regina.wixon@sdaglabs.com

Analyzed By:

South Dakota Agricultural Laboratories
1335 Western Avenue
Brookings, South Dakota 57006
Phone: 605-692-7325
E-Mail: regina.wixon@sdaglabs.com

Collected By:

AltEn LLC-Mead-Ken Peterson
1344 County Rd 10
Mead, NE 68041
Phone: 605-354-0631
E-Mail: kpeterson@mrgkc.com

Report Date: 2021-03-19**Final Report**

Report Of Analysis

Date Received : 2021-03-01**Package Id : 20210301-007**

21PE001390**Description: WATER****Date Collected:**

022821-1456 | Influent

Analyte	Result
Abamectin	377 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	624 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	<5 ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluoxastrobin	<5 ppb
Glufosinate	13.1 ppb
Glyphosate	1900 ppb
Imidacloprid	ND ppb
Ipconazole	5.68 ppb
Isavuconazole	ND ppb
Metconazole	<5 ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	20.1 ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	104 ppb
Tetraconazole	ND ppb
Thiabendazole	1450 ppb
Thiacloprid	ND ppb
Thiamethoxam	128 ppb
Trifloxystrobin	<5 ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001391**Description: WATER****Date Collected:**

022821-1456F Filtered

Analyte	Result
Abamectin	247 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	ND ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluxastrobin	ND ppb
Glufosinate	11.7 ppb
Glyphosate	2060 ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	6.03 ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	18.8 ppb
Tetraconazole	ND ppb
Thiabendazole	63.0 ppb
Thiacloprid	ND ppb
Thiamethoxam	ND ppb
Trifloxystrobin	ND ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001392**Description: WATER****Date Collected:**

022821-1358 Site #3

Analyte	Result
Abamectin	13.0 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	66.7 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluoxastrobin	ND ppb
Glufosinate	ND ppb
Glyphosate	ND ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	ND ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	29.9 ppb
Tetraconazole	ND ppb
Thiabendazole	115 ppb
Thiacloprid	ND ppb
Thiamethoxam	14.2 ppb
Trifloxystrobin	<5 ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001393**Description: WATER****Date Collected:**

022821-1408 Hwy 66 N of #3

Analyte	Result
Abamectin	12.2 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	138 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluxastrobin	<5 ppb
Glufosinate	ND ppb
Glyphosate	ND ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	ND ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	23.6 ppb
Tetraconazole	ND ppb
Thiabendazole	106 ppb
Thiacloprid	ND ppb
Thiamethoxam	30.4 ppb
Trifloxystrobin	ND ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001394**Description: WATER****Date Collected:**

022821-1416 CO. RD H

Analyte	Result
Abamectin	14.9 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	193 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluoxastrobin	<5 ppb
Glufosinate	ND ppb
Glyphosate	ND ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	ND ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	34.2 ppb
Tetraconazole	ND ppb
Thiabendazole	135 ppb
Thiacloprid	ND ppb
Thiamethoxam	41.1 ppb
Trifloxystrobin	ND ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001395**Description: WATER****Date Collected:**

022821-1424 CO RD 8

Analyte	Result
Abamectin	20.3 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	187 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluxastrobin	<5 ppb
Glufosinate	ND ppb
Glyphosate	ND ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	ND ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	29.7 ppb
Tetraconazole	ND ppb
Thiabendazole	119 ppb
Thiacloprid	ND ppb
Thiamethoxam	41.2 ppb
Trifloxystrobin	ND ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001396**Description: WATER****Date Collected:**

022821-1436 Co RD I

Analyte	Result
Abamectin	26.3 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	264 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluoxastrobin	<5 ppb
Glufosinate	ND ppb
Glyphosate	ND ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	ND ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	24.5 ppb
Tetraconazole	ND ppb
Thiabendazole	153 ppb
Thiacloprid	ND ppb
Thiamethoxam	55.8 ppb
Trifloxystrobin	ND ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

21PE001397**Description: WATER****Date Collected:**

022821-1446 Stop #5

Analyte	Result
Abamectin	37.1 ppb
Acetamprid	ND ppb
Azoxystrobin	ND ppb
Bifenthrin	ND ppb
Brassinazole	ND ppb
Chlorpyrifos-ethyl	ND ppb
Chlorpyrifos-methyl	ND ppb
Clothianidin	381 ppb
Cyfluthrin 1-4	ND ppb
Cyhalothrin 1-2	ND ppb
Cypermethrin 1-4	ND ppb
Cyproconazole	ND ppb
Deltamethrin 1-2	ND ppb
Desthio-Prothioconazole	ND ppb
Difenoconazole	ND ppb
Dimoxystrobin	ND ppb
Dinotefuron	ND ppb
Epoxiconazole	ND ppb
Fluconazole	ND ppb
Fluxastrobin	<5 ppb
Glufosinate	ND ppb
Glyphosate	ND ppb
Imidacloprid	ND ppb
Ipconazole	<5 ppb
Isavuconazole	ND ppb
Metconazole	ND ppb
Nitenpyram	ND ppb
Orysastrobin	ND ppb
Permethrin 1-2	ND ppb
Picoxystrobin	ND ppb
Propiconazole	ND ppb
Prothioconazole	ND ppb
Pyraclostrobin	ND ppb
Ravuconazole	ND ppb
Sulfonic Acid Prothioconazole	ND ppb
Tebuconazole	47.4 ppb
Tetraconazole	ND ppb
Thiabendazole	249 ppb
Thiacloprid	ND ppb
Thiamethoxam	94.4 ppb
Trifloxystrobin	ND ppb
Uniconazole	ND ppb
Voriconazole	ND ppb

ND Not Detected

Reviewed By: Katie Ahlstrom.

The analytical results on this report reflect what was found in the laboratory sample as it was received at the laboratory.

Submitted by the customer:

20210301-007
21PE001390-001397
KAGS Forensics
Neonics, Strobins, OP

20210301-007
21PE001390-1397



Chain of Custody

South Dakota Agricultural Laboratories
1335 Western Ave
Brookings, SD 57006
PH 605-692-7325
Fax 605-692-7326
www.sdaglabs.com

Contact information					Azole Screen	Strobin Screen	Neonic Screen	OP Screen	Pre-Emergent Screen				
Company / Organization:		AITON, LLC								Address: 1344 Co RD 10 Monks NE 68041			
Contact:		Ken Peterson								Email: kpetersen@mgcc.com			
Phone:		605-354-0631								Special Instructions: RUSH!			
Project Site / Sampling Event					Digester Spill Cleanup								
Date of Sample Collection					02-28-2021								
Sample ID	Time Collected	Sample Media / Type	Number of Containers	Description / Notes									
022821-1456I	02 56 pm	Wt	2	Influent									
022821-1456F	02 56 pm	Wt	2	Filtered									

Sample Type Codes		Turn-around-times
VE - vegetation	CI - clothing	Special charges apply for RUSH samples. Please contact the laboratory before sending.
SO - soil	AN - animal	
SW - swab	DDG - dried distiller's grains	
WA - water		

Commercial Carrier	Sample(s) Received at SD Ag Labs
Date/Time Relinquished to Carrier	Date 2021.03.01
Number of Ice Chest(s) Shipped	Received by Emilie Rodengen

Relinquished By	Date & Time	Received By	Date & Time
<i>[Signature]</i>	02/28/2021 1600	<i>[Signature]</i>	2/28/21 1600
<i>[Signature]</i>	2/28/21 1630	<i>[Signature]</i>	2/28/21 1630
<i>[Signature]</i>	2/1/21 0747	<i>[Signature]</i>	2/1/21 0746

20210301-007
21PE001390-001397

20210301-007
21PE001390-1397



Chain of Custody

South Dakota Agricultural Laboratories
1335 Western Ave
Brookings, SD 57006
PH 605-692-7325
Fax 605-692-7326
www.sdaglabs.com

Contact information					
Company / Organization:		ALTON, LLC			
Contact:		Ken Peterson			
Phone:		605-354-0631			
Address:		1344 CORP 10 Monb NE 68041			
Email:		Kpeterson@MTGKC.COM			
Special Instructions:		RUSH			
Project Site / Sampling Event		Dacoster spill cleanup			
Date of Sample Collection		02-28-2021			
Sample ID	Time Collected	Sample Media / Type	Number of Containers	Description / Notes	
022821-1358	01:58 pm	W.A	2	Site # 3	21PE001392
022821-1408	02:08 pm	W.A	2	HWY 66 N of #3	21PE001393
022821-1416	02:16 pm	W.A	2	CORP 14	21PE001394
022821-1424	02:24 pm	W.A	2	CORP 8	21PE001395
022821-1436	02:36 pm	W.A	2	CORP I	21PE001396
022821-1446	02:46 pm	W.A	2	Step # 5	21PE001397

Sample Type Codes	
VE - vegetation	CI - clothing
SO - soil	AN - animal
SW - swab	DDG - dried distiller's grains
WA - water	

Turn-around-times
Special charges apply for RUSH samples. Please contact the laboratory before sending.

Commercial Carrier	Sample(s) Received at SD Ag Labs
Date/Time Relinquished to Carrier	Date 2021.03.01
Number of Ice Chest(s) Shipped	Received by Emilie Rodengen

Relinquished By	Date & Time	Received By	Date & Time
	2/28/21 1600		2/28/21 1600
	2/28/21 1630		2/28/21 1630
	3/1/21 0745		3/1/21 0745

