



Green Bay Location

2121 Innovation Court, Suite 300
P.O. Box 5126 • De Pere, WI 54115-5126
(920) 497-2500 • Fax: (920) 497-8516
www.foth.com

November 16, 2016

Mr. Steven Martin, P.G.
Hydrogeologist/ACCP Project Manager
Wisconsin Department of Agriculture, Trade & Consumer Protection
2811 Agriculture Drive
Madison, WI 53708-8911

Dear Steve:

RE: GLK Foods, LLC Expansion and Site Grading/Excavation Plan

Foth Infrastructure & Environment, LLC (Foth) is submitting this letter to provide you with additional information regarding the GLK Foods, LLC (GLK Foods) expansion and site grading/excavation at 308 Clark Street, Bear Creek, Wisconsin. As described during a phone conversation on November 14, 2016, the site GLK Foods will be utilizing for their warehouse expansion was previously involved with a Wisconsin Department of Natural Resources (WDNR) case. The BRRTS number of this case is 02-45-000211 (Waugamie FS Coop). Foth has previously notified the WDNR about soils excavation and grading at this site for the warehouse expansion. This correspondence with the WDNR is provided in Attachment 1 for reference.

On October 25, 2016, site soil characterization was conducted to determine existing site conditions and delineate residual pesticide and fertilizer contaminants, if present. Geoprobe® soil borings were completed at 10 locations distributed in a gridded fashion over the site. The location of soil borings are provided on Figure 1. Sample depths ranged from ground surface to 4-5 feet below ground surface. One composite sample was collected from each boring. All samples were analyzed for ammonia, nitrate plus nitrite, and a suite of pesticides. This parameter list was chosen based on previous site investigations as indicated in the BRRTS registry. Analytical results are provided in Attachment 2.

As part of the preparation for construction at the site, existing buildings will be demolished and the site soil will be excavated and graded to obtain the required site elevation grade. GLK Foods is currently planning to handle soil that will be excavated from the site as follows:

- ◆ Soil excavated from areas with pesticide and nitrogen analytical findings of non-detectable (borings B-1, B-4, B-5, B-6, B-7, B-8, B-9, and B-10) will be removed from the site and beneficially reused.

Mr. Steven Martin, P.G.
Wisconsin Department of Agriculture, Trade & Consumer Protection
November 16, 2016
Page 2

- ♦ Soil around locations B-3 and B-4 where low level pesticide concentrations of alachlor and metolachlor were found will be excavated and graded as need be to reach preconstruction site elevation requirements. If soil is excavated from these areas, the soil will be deposited within the existing site boundary.
- ♦ Soil excavated from the vicinity of location B-2 with measurable nitrogen will be landspread. A landspreading application will be submitted for the spreading of this soil and spreading will commence within two weeks of receiving a landspreading permit.

At the end of the project, a brief narrative of changes to the property will be generated and uploaded to BRRTS in order to provide additional site documentation.

Sincerely,

Foth Infrastructure & Environment, LLC



Mark C. Ciardelli
Lead Environmental Scientist

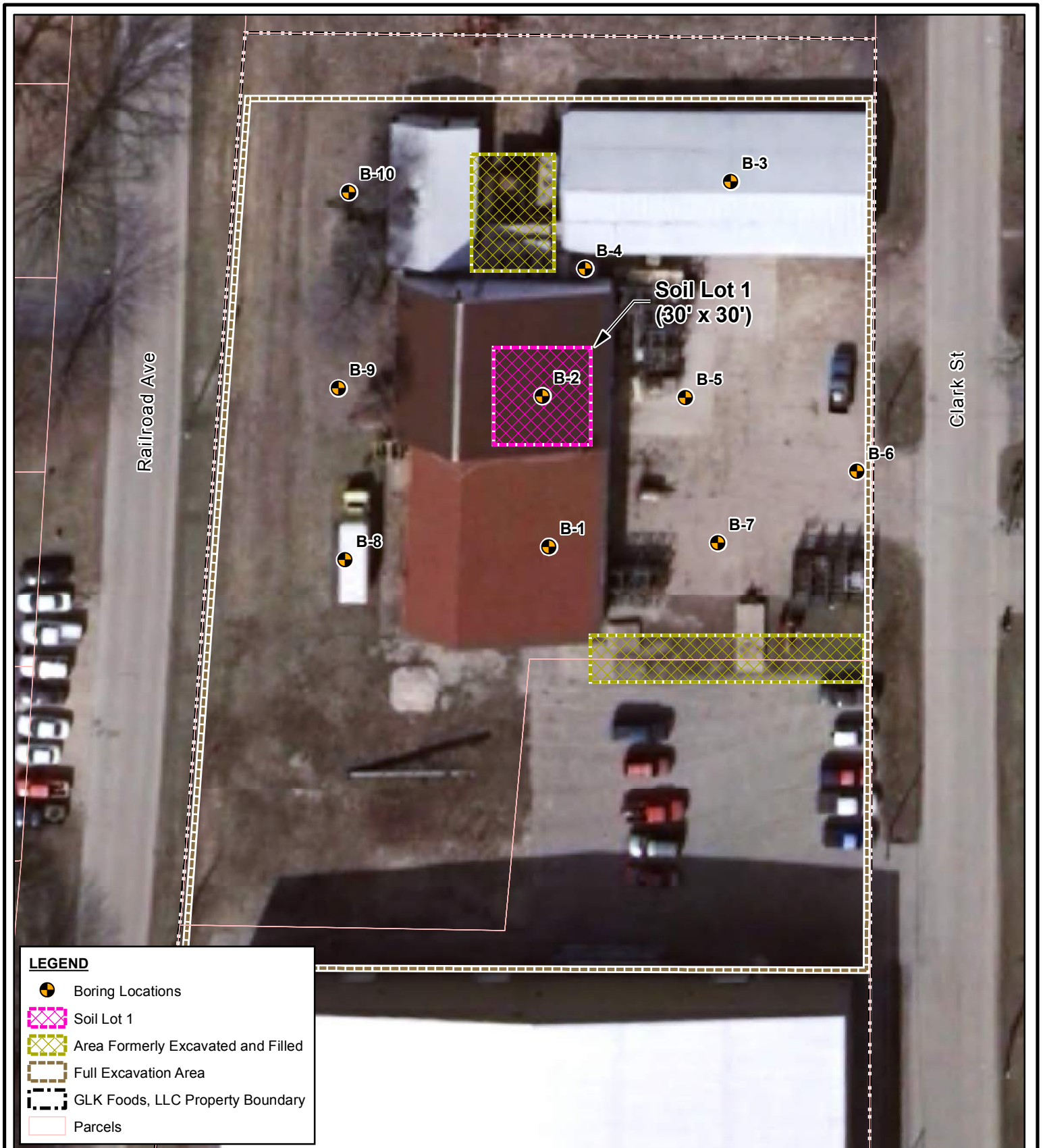


Sheryl Pham
Lead Environmental Engineer

Attachments

cc: Vaughn Zuleger, GLK Foods, LLC

Figures

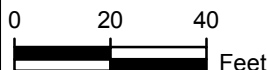


LEGEND

-  Boring Locations
-  Soil Lot 1
-  Area Formerly Excavated and Filled
-  Full Excavation Area
-  GLK Foods, LLC Property Boundary
-  Parcels

NOTES:

1. 2010-6" resolution airphoto and parcel data from Outagamie County Land Information Office.



GLK FOODS, LLC.

FIGURE 1

SOIL LOT MAP
BEAR CREEK, WI

Date: NOVEMBER 2016		Revision Date:	
Drawn By: BJW1	Checked By: MCC2	Scope: 16G003	

Attachment 1

Email Correspondence (dated October 18-19, 2016)

Hallett, Heather L

From: Borski, Jennifer - DNR <Jennifer.Borski@wisconsin.gov>
Sent: Wednesday, October 19, 2016 1:19 PM
To: Hallett, Heather L
Cc: Pham, Sheryl A
Subject: RE: 02-45-000211 Waugamie FS Coop

Heather,

Thank you for inquiring about requirements prior to initiating construction activities at the property. As discussed this afternoon, the proposed activities do not require prior notification under ch. NR 727, Wis. Adm. Code., submittal of a Post Closure Modification (PCM) Request or prior approval by DNR. However, you should note that residual contaminated soil is likely to be encountered during this construction work and will need to be characterized and properly disposed (or landspread under permit).

At the end of the project, the DNR *recommends* that the property owner submit a brief narrative of the changes made to the property along with applicable visual aids for uploading to BRRTS on the Web (e.g. note which buildings demolished, area & depth of soil excavation with respect to property boundaries & building footprints, note footprint of new structure, etc.). However, this documentation is not required. If submitted, no fee needs to accompany the documentation.

Let me know if you have any further questions.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jennifer Borski

Phone: (920) 424-7887

jennifer.borski@wisconsin.gov

From: Hallett, Heather L [mailto:Heather.Hallett@foth.com]
Sent: Tuesday, October 18, 2016 4:28 PM
To: Borski, Jennifer - DNR
Cc: Pham, Sheryl A
Subject: 02-45-000211 Waugamie FS Coop

Jennifer,

Foth has a client, GLK Foods at 304 Clark St in Bear Creek, that would like to expand the footprint of their warehouse. This will involve excavating approximately 3,000 to 4,500 cubic yards of soil to a max depth of 5 feet. The property is on the GIS registry under 02-45-000211 Waugamie FS Coop for remaining soil contamination. Some borings were done in the early 2000's and found pesticides in soils and some limited remedial excavation was done. It's not clear to me if the area of the building expansion was sampled previously or not, so what we plan to do is advance some Geoprobe borings

in that area to the excavation depth and submit 7-10 samples for nitrate/nitrite, ammonia, and 8270 DATCP pesticides, as was previously done. The client would like to landspread the excavated soils on their spray irrigation fields. It is my understanding that if detections are found in some of the samples, soils excavated from those areas will require a landspreading permit from ACCP, so the client will proceed with that permitting process.

Do we need DNR approval for any of this work? Does DNR need any documentation of this work?

The soil borings are scheduled for next Tuesday October 25th and the demolition of three small outbuildings will start Nov. 1st, followed by excavation. I tried calling a couple of times, but couldn't get through, so please give me a call if you have any questions.

Thanks,
Heather

Heather Hallett, PG, CPG

Project Hydrogeologist

Foth Infrastructure & Environment, LLC

2121 Innovation Court, Suite 300

P.O. Box 5126

De Pere, WI 54115-5126

Ph: (920) 497-2500 / Fax (920) 497-8516

Direct: (920) 496-6912 / Cell (505) 205-3353

www.foth.com



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Attachment 2
Analytical Results



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

November 08, 2016

Sheryl Pham
Foth I & E
2121 Innovation Ct
De Pere, WI 54115
RE: GLK Foods - Bear Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 10/28/2016.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser
Project Manager

Certification List			Expires
DODELAP	DOD ELAP Accreditation (A2LA)	3269.01	03/31/2018
ILEPA	Illinois Secondary NELAP Accreditation	003174	04/30/2017
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2017
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2017
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2017
ODEQ	Oklahoma Department of Environmental Quality Accreditation	2016-083	08/31/2017
PADEP	Pennsylvania Secondary NELAP Accreditation	68-02962	05/31/2017
TCEQ	Texas Secondary NELAP Accreditation	T104704504-15-6	11/30/2016
WADOE	Washington Secondary NELAP Accreditation	C1028	05/05/2017
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2017



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1, 0-5'	A164426-01	Soil	10/25/2016	10/28/2016
B-2, 0-5'	A164426-02	Soil	10/25/2016	10/28/2016
B-3, 0-4'	A164426-03	Soil	10/25/2016	10/28/2016
B-4, 0-4'	A164426-04	Soil	10/25/2016	10/28/2016
B-5, 0-4'	A164426-05	Soil	10/25/2016	10/28/2016
B-6, 0-4'	A164426-06	Soil	10/25/2016	10/28/2016
B-7, 0-4'	A164426-07	Soil	10/25/2016	10/28/2016
B-8, 0-5'	A164426-08	Soil	10/25/2016	10/28/2016
B-9, 0-5'	A164426-09	Soil	10/25/2016	10/28/2016
B-10, 0-5'	A164426-10	Soil	10/25/2016	10/28/2016

CASE NARRATIVE

Sample Receipt Information:

10 samples were received on 10/28/2016. Samples were received at 3.1 degrees Celsius. Samples were received in acceptable condition.

Please see the chain of custody (COC) document at the end of this report for additional information.

Continuing Calibration Verification (CCV):

The LC footnote on samples A164426-01 through A164426-10 states that there was a low CCV recovery for prometon. The lower control limit is 80% and the lowest recovery was 56.8%.

CCV indicates a potential high bias for chlorpyrifos, metribuzin and trifluralin for samples A164426-04 through A164426-10. Samples were less than the reporting limit for these analytes so no further action is required.



2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

B-1, 0-5'

A164426-01 (Soil)

Date Sampled
10/25/2016 08:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	6.20	mg/kg dry	1	11/02/2016	11/03/2016 10:54	EPA 350.1	
Nitrate + Nitrite as N	28.0	6.20	mg/kg dry	1	11/02/2016	11/03/2016 10:54	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Alachlor	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Atrazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Butylate	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Chlorpyrifos	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Cyanazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Desethylatrazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Deisopropylatrazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Dimethenamid	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
EPTC	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Metolachlor	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Metribuzin	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Pendimethalin	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Prometon	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	LC
Propazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Simazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Trifluralin	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 03:34	EPA 8270D	
Surrogate: Atrazine-d5		102 %	55.6-133		10/31/2016	11/05/2016 03:34	EPA 8270D	
Surrogate: Parathion-d10		82.6 %	17.4-135		10/31/2016	11/05/2016 03:34	EPA 8270D	
Surrogate: Triphenyl phosphate		204 %	38.2-187		10/31/2016	11/05/2016 03:34	EPA 8270D	S

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	80.7	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

B-2, 0-5'
A164426-02 (Soil)

Date Sampled
 10/25/2016 08:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	233	6.09	mg/kg dry	1	11/02/2016	11/03/2016 10:55	EPA 350.1	
Nitrate + Nitrite as N	434	60.9	mg/kg dry	10	11/02/2016	11/03/2016 12:50	EPA 353.2	D

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Alachlor	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Atrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Butylate	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Chlorpyrifos	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Cyanazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Desethylatrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Deisopropylatrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Dimethenamid	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
EPTC	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Metolachlor	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Metribuzin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Pendimethalin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Prometon	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	LC
Propazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Simazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Trifluralin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:06	EPA 8270D	
Surrogate: Atrazine-d5		97.1 %		55.6-133	10/31/2016	11/05/2016 04:06	EPA 8270D	
Surrogate: Parathion-d10		83.4 %		17.4-135	10/31/2016	11/05/2016 04:06	EPA 8270D	
Surrogate: Triphenyl phosphate		202 %		38.2-187	10/31/2016	11/05/2016 04:06	EPA 8270D	S

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	82.1	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

B-3, 0-4'

A164426-03 (Soil)

Date Sampled
10/25/2016 09:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	6.08	mg/kg dry	1	11/02/2016	11/03/2016 11:00	EPA 350.1	
Nitrate + Nitrite as N	11.3	6.08	mg/kg dry	1	11/02/2016	11/03/2016 12:52	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Alachlor	75	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Atrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Butylate	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Chlorpyrifos	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Cyanazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Desethylatrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Deisopropylatrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Dimethenamid	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
EPTC	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Metolachlor	66	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Metribuzin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Pendimethalin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Prometon	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	LC
Propazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Simazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Trifluralin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 04:37	EPA 8270D	
Surrogate: Atrazine-d5		100 %	55.6-133		10/31/2016	11/05/2016 04:37	EPA 8270D	
Surrogate: Parathion-d10		86.2 %	17.4-135		10/31/2016	11/05/2016 04:37	EPA 8270D	
Surrogate: Triphenyl phosphate		216 %	38.2-187		10/31/2016	11/05/2016 04:37	EPA 8270D	S

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	82.3	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

B-4, 0-4'

A164426-04 (Soil)

Date Sampled
10/25/2016 09:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	6.06	mg/kg dry	1	11/02/2016	11/03/2016 11:01	EPA 350.1	
Nitrate + Nitrite as N	ND	6.06	mg/kg dry	1	11/02/2016	11/03/2016 11:01	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Alachlor	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Atrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Butylate	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Chlorpyrifos	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Cyanazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Desethylatrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Deisopropylatrazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Dimethenamid	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
EPTC	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Metolachlor	61	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Metribuzin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Pendimethalin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Prometon	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	LC
Propazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Simazine	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Trifluralin	ND	61	ug/kg dry	1	10/31/2016	11/05/2016 06:44	EPA 8270D	
Surrogate: Atrazine-d5		98.1 %	55.6-133		10/31/2016	11/05/2016 06:44	EPA 8270D	
Surrogate: Parathion-d10		81.9 %	17.4-135		10/31/2016	11/05/2016 06:44	EPA 8270D	
Surrogate: Triphenyl phosphate		186 %	38.2-187		10/31/2016	11/05/2016 06:44	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	82.6	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

B-5, 0-4'

A164426-05 (Soil)

Date Sampled
10/25/2016 09:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	6.03	mg/kg dry	1	11/02/2016	11/03/2016 11:02	EPA 350.1	
Nitrate + Nitrite as N	ND	6.03	mg/kg dry	1	11/02/2016	11/03/2016 11:02	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Alachlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Atrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Butylate	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Chlorpyrifos	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Cyanazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Desethylatrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Deisopropylatrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Dimethenamid	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
EPTC	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Metolachlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Metribuzin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Pendimethalin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Prometon	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	LC
Propazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Simazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Trifluralin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:15	EPA 8270D	
Surrogate: Atrazine-d5		105 %	55.6-133		10/31/2016	11/05/2016 07:15	EPA 8270D	
Surrogate: Parathion-d10		82.4 %	17.4-135		10/31/2016	11/05/2016 07:15	EPA 8270D	
Surrogate: Triphenyl phosphate		197 %	38.2-187		10/31/2016	11/05/2016 07:15	EPA 8270D	S

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	82.9	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

B-6, 0-4'

A164426-06 (Soil)

Date Sampled
 10/25/2016 09:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	5.99	mg/kg dry	1	11/02/2016	11/03/2016 11:03	EPA 350.1	
Nitrate + Nitrite as N	ND	5.99	mg/kg dry	1	11/02/2016	11/03/2016 11:03	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Alachlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Atrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Butylate	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Chlorpyrifos	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Cyanazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Desethylatrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Deisopropylatrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Dimethenamid	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
EPTC	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Metolachlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Metribuzin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Pendimethalin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Prometon	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	LC
Propazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Simazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Trifluralin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 07:47	EPA 8270D	
Surrogate: Atrazine-d5		104 %	55.6-133		10/31/2016	11/05/2016 07:47	EPA 8270D	
Surrogate: Parathion-d10		82.1 %	17.4-135		10/31/2016	11/05/2016 07:47	EPA 8270D	
Surrogate: Triphenyl phosphate		188 %	38.2-187		10/31/2016	11/05/2016 07:47	EPA 8270D	S

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	83.4	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

B-7, 0-4'

A164426-07 (Soil)

Date Sampled
 10/25/2016 09:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	5.83	mg/kg dry	1	11/02/2016	11/03/2016 11:04	EPA 350.1	
Nitrate + Nitrite as N	ND	5.83	mg/kg dry	1	11/02/2016	11/03/2016 11:04	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Alachlor	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Atrazine	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Butylate	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Chlorpyrifos	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Cyanazine	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Desethylatrazine	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Deisopropylatrazine	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Dimethenamid	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
EPTC	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Metolachlor	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Metribuzin	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Pendimethalin	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Prometon	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	LC
Propazine	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Simazine	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Trifluralin	ND	58	ug/kg dry	1	10/31/2016	11/05/2016 08:18	EPA 8270D	
Surrogate: Atrazine-d5		104 %	55.6-133		10/31/2016	11/05/2016 08:18	EPA 8270D	
Surrogate: Parathion-d10		81.6 %	17.4-135		10/31/2016	11/05/2016 08:18	EPA 8270D	
Surrogate: Triphenyl phosphate		187 %	38.2-187		10/31/2016	11/05/2016 08:18	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	85.8	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

B-8, 0-5'
A164426-08 (Soil)

Date Sampled
10/25/2016 10:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	5.75	mg/kg dry	1	11/02/2016	11/03/2016 11:05	EPA 350.1	
Nitrate + Nitrite as N	ND	5.75	mg/kg dry	1	11/02/2016	11/03/2016 11:05	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Alachlor	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Atrazine	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Butylate	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Chlorpyrifos	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Cyanazine	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Desethylatrazine	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Deisopropylatrazine	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Dimethenamid	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
EPTC	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Metolachlor	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Metribuzin	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Pendimethalin	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Prometon	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	LC
Propazine	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Simazine	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Trifluralin	ND	57	ug/kg dry	1	10/31/2016	11/05/2016 08:50	EPA 8270D	
Surrogate: Atrazine-d5		78.9 %	55.6-133		10/31/2016	11/05/2016 08:50	EPA 8270D	
Surrogate: Parathion-d10		80.2 %	17.4-135		10/31/2016	11/05/2016 08:50	EPA 8270D	
Surrogate: Triphenyl phosphate		181 %	38.2-187		10/31/2016	11/05/2016 08:50	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	87.0	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

B-9, 0-5'

A164426-09 (Soil)

Date Sampled
10/25/2016 10:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	6.01	mg/kg dry	1	11/02/2016	11/03/2016 11:06	EPA 350.1	
Nitrate + Nitrite as N	ND	6.01	mg/kg dry	1	11/02/2016	11/03/2016 11:06	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Alachlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Atrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Butylate	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Chlorpyrifos	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Cyanazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Desethylatrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Deisopropylatrazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Dimethenamid	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
EPTC	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Metolachlor	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Metribuzin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Pendimethalin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Prometon	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	LC
Propazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Simazine	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Trifluralin	ND	60	ug/kg dry	1	10/31/2016	11/05/2016 09:22	EPA 8270D	
Surrogate: Atrazine-d5		98.5 %	55.6-133		10/31/2016	11/05/2016 09:22	EPA 8270D	
Surrogate: Parathion-d10		85.8 %	17.4-135		10/31/2016	11/05/2016 09:22	EPA 8270D	
Surrogate: Triphenyl phosphate		169 %	38.2-187		10/31/2016	11/05/2016 09:22	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	83.1	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

B-10, 0-5'
A164426-10 (Soil)

Date Sampled
 10/25/2016 10:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

Wet Chemistry

Preparation Batch: A611004

Ammonia as N	ND	6.18	mg/kg dry	1	11/02/2016	11/03/2016 11:07	EPA 350.1	
Nitrate + Nitrite as N	ND	6.18	mg/kg dry	1	11/02/2016	11/03/2016 11:07	EPA 353.2	

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry

Preparation Batch: A610076

Acetochlor	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Alachlor	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Atrazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Butylate	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Chlorpyrifos	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Cyanazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Desethylatrazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Deisopropylatrazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Dimethenamid	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
EPTC	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Metolachlor	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Metribuzin	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Pendimethalin	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Prometon	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	LC
Propazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Simazine	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Trifluralin	ND	62	ug/kg dry	1	10/31/2016	11/05/2016 09:53	EPA 8270D	
Surrogate: Atrazine-d5		84.8 %	55.6-133		10/31/2016	11/05/2016 09:53	EPA 8270D	
Surrogate: Parathion-d10		79.4 %	17.4-135		10/31/2016	11/05/2016 09:53	EPA 8270D	
Surrogate: Triphenyl phosphate		185 %	38.2-187		10/31/2016	11/05/2016 09:53	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: A611010

% Solids	80.9	0.00	% by Weight	1	11/02/2016	11/03/2016 12:30	SM 2540B	
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2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

Wet Chemistry - Quality Control
ECCS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A611004 - KCI Extraction per Method

Blank (A611004-BLK1)										
					Prepared: 11/02/2016 Analyzed: 11/03/2016 10:37					
Ammonia as N	ND	5.00	mg/kg wet							
Nitrate + Nitrite as N	ND	5.00	mg/kg wet							
LCS (A611004-BS1)										
					Prepared: 11/02/2016 Analyzed: 11/03/2016 10:38					
Ammonia as N	45.0	5.00	mg/kg wet	50.00		89.9	86-106			
Nitrate + Nitrite as N	45.1	5.00	mg/kg wet	50.00		90.1	84.6-98.3			
Duplicate (A611004-DUP1)										
					Source: A164425-05 Prepared: 11/02/2016 Analyzed: 11/03/2016 10:40					
Ammonia as N	ND	5.98	mg/kg dry		ND			2.32	30	
Nitrate + Nitrite as N	4.85	5.98	mg/kg dry		4.96				30	
Duplicate (A611004-DUP2)										
					Source: A164426-02 Prepared: 11/02/2016 Analyzed: 11/03/2016 10:59					
Ammonia as N	242	6.09	mg/kg dry		233			3.59	30	
Nitrate + Nitrite as N	465	60.9	mg/kg dry		434			6.91	30	D
Matrix Spike (A611004-MS1)										
					Source: A164425-05 Prepared: 11/02/2016 Analyzed: 11/03/2016 10:41					
Ammonia as N	51.1	5.98	mg/kg dry	59.80	ND	85.4	53.6-127			
Nitrate + Nitrite as N	55.4	5.98	mg/kg dry	59.80	4.96	84.4	42.1-143			



2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E
 2121 Innovation Ct
 De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
 Project Number: 16G004
 Project Manager: Sheryl Pham

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry - Quality Control

ECCS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A610076 - EPA 3570

Blank (A610076-BLK1)

Prepared: 10/31/2016 Analyzed: 11/04/2016 22:50

Acetochlor	ND	50	ug/kg wet							
Alachlor	ND	50	ug/kg wet							
Atrazine	ND	50	ug/kg wet							
Butylate	ND	50	ug/kg wet							
Chlorpyrifos	ND	50	ug/kg wet							
Cyanazine	ND	50	ug/kg wet							
Desethylatrazine	ND	50	ug/kg wet							
Deisopropylatrazine	ND	50	ug/kg wet							
Dimethenamid	ND	50	ug/kg wet							
EPTC	ND	50	ug/kg wet							
Metolachlor	ND	50	ug/kg wet							
Metribuzin	ND	50	ug/kg wet							
Pendimethalin	ND	50	ug/kg wet							
Prometon	ND	50	ug/kg wet							
Propazine	ND	50	ug/kg wet							
Simazine	ND	50	ug/kg wet							
Trifluralin	ND	50	ug/kg wet							
<i>Surrogate: Atrazine-d5</i>	210		ug/kg wet	200.0		105	55.6-133			
<i>Surrogate: Parathion-d10</i>	130		ug/kg wet	160.0		81.3	17.4-135			
<i>Surrogate: Triphenyl phosphate</i>	365		ug/kg wet	200.0		183	38.2-187			

LCS (A610076-BS1)

Prepared: 10/31/2016 Analyzed: 11/04/2016 22:18

Acetochlor	387	50	ug/kg wet	400.0		96.9	75.9-118			
Alachlor	388	50	ug/kg wet	400.0		97.1	76.2-115			
Atrazine	385	50	ug/kg wet	400.0		96.1	77-113			
Butylate	404	50	ug/kg wet	400.0		101	72.5-118			
Chlorpyrifos	443	50	ug/kg wet	400.0		111	77.4-121			
Cyanazine	388	50	ug/kg wet	400.0		96.9	57.7-149			
Desethylatrazine	390	50	ug/kg wet	400.0		97.5	75.7-117			
Deisopropylatrazine	367	50	ug/kg wet	400.0		91.7	62.8-124			
Dimethenamid	387	50	ug/kg wet	400.0		96.7	76.6-117			
EPTC	395	50	ug/kg wet	400.0		98.8	80.7-113			
Metolachlor	389	50	ug/kg wet	400.0		97.3	72.8-122			
Metribuzin	416	50	ug/kg wet	400.0		104	67.8-128			
Pendimethalin	385	50	ug/kg wet	400.0		96.2	63.4-126			
Prometon	299	50	ug/kg wet	400.0		74.7	62.7-130			
Propazine	394	50	ug/kg wet	400.0		98.6	76.7-116			
Simazine	391	50	ug/kg wet	400.0		97.8	78.7-115			
Trifluralin	423	50	ug/kg wet	400.0		106	66.8-129			
<i>Surrogate: Atrazine-d5</i>	205		ug/kg wet	200.0		102	55.6-133			
<i>Surrogate: Parathion-d10</i>	156		ug/kg wet	160.0		97.4	17.4-135			
<i>Surrogate: Triphenyl phosphate</i>	368		ug/kg wet	200.0		184	38.2-187			



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Foth I & E
2121 Innovation Ct
De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

Base Neutral Pesticides by Gas Chromatography/Mass Spectrometry - Quality Control
ECCS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A610076 - EPA 3570

Matrix Spike (A610076-MS1)	Source: A164423-15			Prepared: 10/31/2016 Analyzed: 11/04/2016 21:47						
Acetochlor	422	54	ug/kg dry	433.3	ND	97.4	68.7-124			
Alachlor	417	54	ug/kg dry	433.3	ND	96.2	69.5-123			
Atrazine	396	54	ug/kg dry	433.3	ND	91.4	63.2-116			
Butylate	434	54	ug/kg dry	433.3	ND	100	71.5-123			
Chlorpyrifos	491	54	ug/kg dry	433.3	ND	113	75.7-124			
Cyanazine	387	54	ug/kg dry	433.3	ND	89.4	30-159			
Desethylatrazine	360	54	ug/kg dry	433.3	ND	83.1	29.8-125			
Deisopropylatrazine	317	54	ug/kg dry	433.3	ND	73.2	13.1-122			
Dimethenamid	413	54	ug/kg dry	433.3	ND	95.2	68.2-121			
EPTC	425	54	ug/kg dry	433.3	ND	98.0	78.9-119			
Metolachlor	434	54	ug/kg dry	433.3	ND	100	62-132			
Metribuzin	428	54	ug/kg dry	433.3	ND	98.8	50.3-133			
Pendimethalin	429	54	ug/kg dry	433.3	ND	98.9	60.8-142			
Prometon	315	54	ug/kg dry	433.3	ND	72.8	51.1-125			
Propazine	411	54	ug/kg dry	433.3	ND	94.8	68.3-118			
Simazine	395	54	ug/kg dry	433.3	ND	91.2	56.1-119			
Trifluralin	460	54	ug/kg dry	433.3	ND	106	66.7-137			
<i>Surrogate: Atrazine-d5</i>	<i>210</i>		<i>ug/kg dry</i>	<i>216.6</i>		<i>97.0</i>	<i>55.6-133</i>			
<i>Surrogate: Parathion-d10</i>	<i>171</i>		<i>ug/kg dry</i>	<i>173.3</i>		<i>98.6</i>	<i>17.4-135</i>			
<i>Surrogate: Triphenyl phosphate</i>	<i>423</i>		<i>ug/kg dry</i>	<i>216.6</i>		<i>195</i>	<i>38.2-187</i>			<i>S</i>

Matrix Spike Dup (A610076-MSD1)	Source: A164423-15			Prepared: 10/31/2016 Analyzed: 11/04/2016 21:15						
Acetochlor	438	54	ug/kg dry	433.3	ND	101	68.7-124	3.67	20	
Alachlor	430	54	ug/kg dry	433.3	ND	99.3	69.5-123	3.17	20	
Atrazine	407	54	ug/kg dry	433.3	ND	93.9	63.2-116	2.66	20	
Butylate	454	54	ug/kg dry	433.3	ND	105	71.5-123	4.60	20	
Chlorpyrifos	515	54	ug/kg dry	433.3	ND	119	75.7-124	4.77	20	
Cyanazine	373	54	ug/kg dry	433.3	ND	86.2	30-159	3.66	20	
Desethylatrazine	346	54	ug/kg dry	433.3	ND	79.8	29.8-125	4.00	20	
Deisopropylatrazine	295	54	ug/kg dry	433.3	ND	68.1	13.1-122	7.13	20	
Dimethenamid	424	54	ug/kg dry	433.3	ND	97.8	68.2-121	2.64	20	
EPTC	442	54	ug/kg dry	433.3	ND	102	78.9-119	4.09	20	
Metolachlor	454	54	ug/kg dry	433.3	ND	105	62-132	4.33	20	
Metribuzin	429	54	ug/kg dry	433.3	ND	99.1	50.3-133	0.334	20	
Pendimethalin	440	54	ug/kg dry	433.3	ND	102	60.8-142	2.59	20	
Prometon	317	54	ug/kg dry	433.3	ND	73.3	51.1-125	0.664	20	
Propazine	423	54	ug/kg dry	433.3	ND	97.7	68.3-118	3.01	20	
Simazine	399	54	ug/kg dry	433.3	ND	92.2	56.1-119	1.11	20	
Trifluralin	475	54	ug/kg dry	433.3	ND	110	66.7-137	3.17	20	
<i>Surrogate: Atrazine-d5</i>	<i>217</i>		<i>ug/kg dry</i>	<i>216.6</i>		<i>100</i>	<i>55.6-133</i>			
<i>Surrogate: Parathion-d10</i>	<i>162</i>		<i>ug/kg dry</i>	<i>173.3</i>		<i>93.5</i>	<i>17.4-135</i>			
<i>Surrogate: Triphenyl phosphate</i>	<i>419</i>		<i>ug/kg dry</i>	<i>216.6</i>		<i>194</i>	<i>38.2-187</i>			<i>S</i>



2525 Advance Road
 Madison, WI 53718
 608.221.8700 Phone
 608.221.4889 Fax

Foth I & E 2121 Innovation Ct De Pere WI, 54115	Project: GLK Foods - Bear Creek, WI Project Number: 16G004 Project Manager: Sheryl Pham
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Classical Chemistry Parameters - Quality Control

ECCS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A611010 - % Solids

Duplicate (A611010-DUP1)	Source: A164426-10	Prepared: 11/02/2016	Analyzed: 11/03/2016 12:30
% Solids	81.8	0.00 % by Weight	80.9
			1.15
			20



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

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De Pere WI, 54115

Project: GLK Foods - Bear Creek, WI
Project Number: 16G004
Project Manager: Sheryl Pham

Notes and Definitions

- S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.
- LC Results may be biased low because of low continuing calibration verification (CCV).
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 6707

Page: of:

Project Number: 166004		PO Number:		Lab Work Order #: A164426				Report To: Sheryl Pham																																										
Project Name: GLK Foods		Preservation Codes				Company: Foth I+E																																												
Project Location (City, State): Bear Creek, WI		Analyses Requested				Address 1: 2121 Innovation Ct.																																												
Turn Around (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td style="text-align:center;">A</td> <td style="text-align:center;">A</td> <td style="text-align:center;">A</td> <td style="text-align:center;">A</td> <td style="text-align:center;">A</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align:center;">Nitrate/nitrite</td> <td style="text-align:center;">ammonia</td> <td style="text-align:center;">Pesticides</td> <td style="text-align:center;">8270NATP</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align:center;">Matrix</td> <td style="text-align:center;">Total # of Containers</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>														A	A	A	A	A						Nitrate/nitrite	ammonia	Pesticides	8270NATP							Matrix	Total # of Containers									Address 2: De Pere, WI 54115				
A	A					A	A	A																																										
Nitrate/nitrite	ammonia					Pesticides	8270NATP																																											
Matrix	Total # of Containers																																																	
If Rush, Report Due Date:						E-mail Address: Sheryl.Pham@Foth.com																																												
Sampled By (Print): Heather Hallett						Invoice To: GLK Foods LLC																																												
						Company: Accounts Payable																																												
						Address 1: 158 E Northland Ave																																												
						Address 2: Appleton, WI 54911																																												
Sample Description		Collection		Matrix	Total # of Containers	Nitrate/nitrite	ammonia	Pesticides	8270NATP				Comments	Lab ID	Lab Receipt Time																																			
		Date	Time																																															
B-1, 0-5'		10/25/16	08:40	S	1	X	X	X						01																																				
B-2, 0-5'		10/25/16	08:50	S	1	X	X	X						02																																				
B-3, 0-4'		10/25/16	09:15	S	1	X	X	X						03																																				
B-4, 0-4'		10/25/16	09:20	S	1	X	X	X						04																																				
B-5, 0-4'		10/25/16	09:45	S	1	X	X	X						05																																				
B-6, 0-4'		10/25/16	09:50	S	1	X	X	X						06																																				
B-7, 0-4'		10/25/16	09:55	S	1	X	X	X						07																																				
B-8, 0-5'		10/25/16	10:15	S	1	X	X	X						08																																				
B-9, 0-5'		10/25/16	10:25	S	1	X	X	X						09																																				
B-10, 0-5'		10/25/16	10:40	S	1	X	X	X						10																																				
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments:		Relinquished By: Heather Hallett				Date: 10/25/16	Time: 13:00	Received By: Kari Ann Klein		Date: 10/28/16	Time: 1430																																					
				Relinquished By:				Date:	Time:	Received By:		Date:	Time:																																					
Custody Seal: <input type="checkbox"/> NA <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via: Speedee		Receipt Temp: 3.1°C		Thermometer #/ Exp. Date: 160142274 1/21/18		Temp Blank: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N																																								