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December 22, 2017



Mr. David Brownlee
Georgia Environmental Protection Division
Response and Remediation Program
2 Martin Luther King Jr. Drive, SE; Suite 1462
Atlanta, Georgia 30334

16-145686-020

Subject: Report of Annual Groundwater Sampling and Site Inspection
Former Diversey/Olympic Manufacturing Site
3051 Olympic Industrial Drive, Smyrna, Georgia
Delisted HSI Site 10435

Dear Mr. Brownlee:

The Hillshire Brands Company and Rathon Corp. (Rathon) have completed the annual groundwater sampling and property evaluation for the Former Olympic Manufacturing/Diversey site (Site). The work performed and results are provided in this letter report.

Groundwater Sampling

Consistent with EPD's September 28, 2015 letter and the February 29, 2016 Final Compliance Status Report (CSR) for the above site, groundwater samples were collected from monitoring wells MW-9a, MW-9b, MW-20 and OW-74a at the Site (Figure 1). The water levels in the wells were gauged prior to purging and sampling, and groundwater samples were collected in accordance with Environmental Protection Division and U.S. Environmental Protection Agency (USEPA) protocols. The sampling data sheets are provided in Attachment A. One duplicate sample, one equipment blank, and one trip blank) were also collected. All samples were analyzed at a certified laboratory for volatile organic compounds (VOCs) according to USEPA Method 8260B.

The current and historical groundwater level and elevation data are presented in Tables 1a and Table 1b, respectively. The results of the laboratory analyses are presented in Table 2, and the laboratory report is provided as Attachment B. As shown in Table 1b and Table 3, the recent water level elevations and laboratory results are consistent with previous data and expected results for the Site.

Annual Property Evaluation

BC completed an annual property evaluation of the Former Olympic Manufacturing property, now owned by Airgas Refrigerants, Inc. (Airgas) property, as required in EPD's June 23, 2017 delisting letter and the May 22, 2017 Uniform Environmental Covenant for this property.

The property remains nonresidential, and no wells for drinking water or other purposes have been installed or are in use on the property or on neighboring properties. The completed Annual Property Evaluation Form is provided as Attachment C.

If you have any questions regarding this report, please do not hesitate to call Trish Reifenberger at (770) 673-3630.

Very truly yours,

Brown and Caldwell



Geoff Gagat
Geologist



Trish Reifenberger, P.E.
Project Manager

cc: Kirby McCalister, Tyson Foods, Inc.
Ben Moline, Rathon Corp
Harvey M. Sheldon, Hinshaw and Culbertson LLP
Silvia Doppel, Airgas, Inc.

Enclosures:

Figure 1
Tables 1a, 1b, 2, and 3
Attachments A, B, and C

Certification

I certify that I am a qualified environmental professional who has received a baccalaureate or post-graduate degree in a natural science or engineering, and have sufficient training and experience in environmental sciences, engineering, and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant remediation. I further certify that this plan was prepared by myself or by another environmental professional working under my direction.


Patricia C. Reifenberger, P.E.

12/22/17
(date)

Georgia Registration Number: 20676





LEGEND

 Existing Monitoring Wells

17096200150

Cobb County Tax Parcel Identification Number (PIN)

Figure 1
Former Olympic Manufacturing Site

Former Olympic Manufacturing Site
3051 Olympic Industrial Drive; Smyrna, Georgia

Former Olympic Manufacturing Site
3051 Olympic Industrial Drive
Smyrna, Georgia

Brown AND Caldwell

SAVED DATE: 12/22/2017

SCALE: AS SHOWN

DRAWN BY: GTG

CHECKED BY: PCR

PROJECT #: 145686

R:\Projects\Sara_Lee\Mapdocs\Figure 1 - Site Monitoring Wells and Neighboring Properties.mxd

Table 1a. Depth to Water 2009-2017
Former Olympic Manufacturing Site, Smyrna, Georgia

Well	Top of Casing Elev., ft	Depth to Water from Top of Casing, feet															
		Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Mar-15	Apr-15	Oct-15	Oct-17
MW-9a	833.15	18.36	18.46	19.29	21.55	19.32	23.48	21.34	23.90	18.70	18.65	17.38	21.17	19.38	19.32	21.11	20.42
MW-9b	833.19	19.08	18.80	19.53	22.19	19.92	23.80	22.20	24.49	19.10	17.27	17.51	20.82	19.66	19.21	20.77	20.00
MW-20	800.83	ni ^a	ni	ni	ni	ni	ni	ni	ni	33.06	33.11	32.42	33.01	29.44	33.09	33.16	33.23
OW-74A	800.00	19.50	18.38	15.33	17.53	17.74	20.82	20.61	23.70	20.12	17.66	16.41	17.30	17.17	17.14	18.23	18.83

^a "ni" indicates well not installed at this time.

Table 1b. Groundwater Elevation 2009-2017
Former Olympic Manufacturing Site; Smyrna, Georgia

Well	Top of Casing Elev., ft	Groundwater Elevation, feet															
		Apr-09	Oct-09	Apr-17	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Mar-15	Apr-15	Oct-15	Oct-17
MW-9a	833.15	814.79	814.69	813.86	811.60	813.83	809.67	811.81	809.25	814.45	814.50	815.77	811.98	813.77	813.83	812.04	812.73
MW-9b	833.19	814.11	814.39	813.66	811.00	813.27	809.39	810.99	808.70	814.09	815.92	815.68	812.37	813.53	813.98	812.42	813.19
MW-20	800.83	ni	ni	ni	ni	ni	ni	ni	ni	767.77	767.72	768.41	767.82	771.39	767.74	767.67	767.60
OW-74A	800.00	780.50	781.62	784.67	782.47	782.26	779.18	779.39	776.30	779.88	782.34	783.59	782.70	782.83	782.86	781.77	781.17

^a "ni" indicates well not installed at this time.

Table 2. Groundwater Sample Analytical Detections, October 2017
Former Olympic Manufacturing Site, Smyrna, Georgia

Constituent	Concentration (micrograms per liter)						VRP Cleanup Level
	Monitoring Wells				QA/QC Samples		
	MW-9a	MW-9b	MW-20	OW-74A	17298-EB	MW-32 (OW-74A dup)	
	Screened Interval, bgs	17 to 27	53.5-58.5	33 to 43			
Sampling Date	10/24/17	10/25/17	10/24/17	10/24/17	10/25/17	10/24/17	
Volatile Organics, Method 8260B							
Chlorobenzene	52	160	< 5.0	< 5.0	< 5.0	< 5.0	136
1,3-Dichlorobenzene	9.9	16	< 5.0	< 5.0	< 5.0	< 5.0	600
1,4-Dichlorobenzene	13	23	< 5.0	< 5.0	< 5.0	< 5.0	75
cis-1,2-Dichloroethene	6.2	10	< 5.0	94	< 5.0	94	1,020
Ethylbenzene	< 5.0	15	< 5.0	< 5.0	< 5.0	< 5.0	700
Tetrachloroethene	33	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5
Trichloroethene	22	< 5.0	< 5.0	11	< 5.0	11	35
Vinyl Chloride	2.4	4.4	< 2.0	< 2.0	< 2.0	< 2.0	3.3

Bold = Analytical detection above VRP cleanup level.

Attachment A: Sampling Data Sheets

GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-9a

1. PROJECT INFORMATION

Project Number: 145686 Task Number: 030 Area of Concern: CUL-DE-SAC, CHIMSON PROP.
Client: HILLSHIRE BRANDS Personnel: G. GAGAT
Project Location: SMYRNA, GA Weather: SUNNY, 70°F

2. WELL DATA

Date Measured: 10-24-17 Time: 1559 Temporary Well: ☐ Yes ☒ No

Casing Diameter: 2 inches Type: ☒ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Screen Diameter: 2 inches Type: ☒ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Total Depth of Well: 26.85 feet From: ☒ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Static Water: 20.42 feet From: ☒ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Product: — feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Length of Water Column: 6.43 feet Well Volume: 1.07 gal Screened Interval (from GS): _____
Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft

3. PURGE DATA

Date Purged: 10-24-17 Time: 1605 Equipment Model(s):

Purge Method: ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____ 1. MONSOON
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____ 2. VSE 556
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☐ Disposable
Materials: Rope/Tubing ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____ 3. LANOTTE 2020
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable 4. SALINITY WL METER
Volume to Purge (minimum): 3 well volumes or 3.22 gallons
Was well purged dry? ☐ Yes ☒ No Pumping Rate: 0.16 gal/min Calibrated? ☒ Yes ☐ No

Time	Cum. Gallons Removed (gal)	pH ±0.1 su	Temp ±2°C	Spec. Cond. ±5%	ORP > of ±10% or ±20 mV	DO > of ±10% or ±0.2 mg/L	Turbidity ≤ 10 NTU	Water Level	Comments
1610	1.0	6.39	21.67	0.379	-62.0	4.30	16.0	21.41	
1615	2.0	6.50	21.34	0.420	-81.5	3.06	10.85	21.72	
1622	3.0	6.59	21.66	0.433	-99.5	2.35	4.67	22.08	
1628	4.0	6.66	21.61	0.435	-112.7	3.14	3.97	22.30	
1635	5.0	6.72	21.70	0.442	-122.2	4.61	3.23	22.21	
1642	6.0	6.72	21.28	0.430	-129.5	5.79	2.99		Purge data continued on next sheet? ☐

4. SAMPLING DATA

Analysis Requested:

Method(s): ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____ 1. VOC's
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____ 2. _____
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☐ Disposable
Materials: Tubing/Rope ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____ 3. _____
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable 4. _____
Depth to Water at Time of Sampling: 22.25 Field Filtered? ☐ Yes ☒ No
Sample ID: 17297-MW-9a Sample Date: 10-24 Sample Time: 1648 # of Containers: 2
Duplicate Sample Collected? ☐ Yes ☒ No ID: — Duplicate False Time: — # of Containers: —
Equipment Blank Collected? ☐ Yes ☒ No ID: — Equipment Blank Time: — # of Containers: —

5. COMMENTS

INTAKE PUMP AT 23' bgs.

Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.

GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-96

1. PROJECT INFORMATION

Project Number: 145686 Task Number: 030 Area of Concern: CUL-DE-SAC, CARMINON PROP.
Client: HILLSHIRE BRANDS Personnel: G. CAGAT
Project Location: SHYRA, CA Weather: SUNNY, 55°F

2. WELL DATA

Date Measured: 10-24-17 Time: _____ Temporary Well: ☐ Yes ☒ No

Casing Diameter: 2 inches Type: ☒ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Screen Diameter: 2 inches Type: ☒ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Total Depth of Well: 58.86 feet From: ☒ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Static Water: 20.00 feet From: ☒ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Product: — feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Length of Water Column: 38.86 feet Well Volume: 6.50 gal Screened Interval (from GS): _____
Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft

3. PURGE DATA

Date Purged: 10-25-17 Time: 0930 Equipment Model(s) _____

Purge Method: ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____ 1. MONSOON
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____ 2. VSI 556
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☒ Disposable
Materials: Rope/Tubing ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____ 3. LANETTE 2020
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable 4. SOLINST WL METER
Volume to Purge (minimum): 3 well volumes or 19.5 gallons
Was well purged dry? ☐ Yes ☒ No Pumping Rate: 0.16 gal/min Calibrated? ☒ Yes ☐ No

Time	Cum. Gallons Removed (gal)	pH ±0.1 su	Temp ±2°C	Spec. Cond. ± 5%	ORP > of ±10% or ±20 mV	DO > of ±10% or ±0.2 mg/L	Turbidity ≤ 10 NTU	Water Level	Comments
0945	2.0	7.82	20.85	0.310	102.6	6.15	15.0	26.65	
0955	4.0	7.98	20.63	0.335	97.3	5.34	9.52	27.55	
1006	6.0	7.29	20.53	0.849	-82.5	5.32	5.22	27.98	
1018	8.0	7.32	20.50	0.869	-138.3	5.27	1.79	28.74	
1030	10.0	7.34	20.65	0.870	-152.7	4.35	1.22	28.60	

Purge data continued on next sheet? ☒

4. SAMPLING DATA

Analysis Requested: _____

Method(s): ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____ 1. Vee's
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____ 2. _____
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☒ Disposable
Materials: Tubing/Rope ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____ 3. _____
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable 4. _____
Depth to Water at Time of Sampling: 29.02 Field Filtered? ☐ Yes ☒ No
Sample ID: 17298-MW-96 Sample Date: 10-25-17 Sample Time: 1135 # of Containers: 2
Duplicate Sample Collected? ☐ Yes ☒ No ID: — Duplicate False Time: — # of Containers: —
Equipment Blank Collected? ☒ Yes ☐ No ID: 17298-EB Equipment Blank Time: 0920 # of Containers: 2

5. COMMENTS

PUMP INTAKE BEGAN AT 22' bgs, LOWERED WHILE PURGING.PUMP INTAKE AT SAMPLE TIME: 30' bgs.WATER APPEARS SOAPY, PETROL ODOR.

Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.

GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: Mw-9b

3. PURGE DATA (continued from page 1)[illegible]

Purge data continued on next sheet? ☒

GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: MW-20

1. PROJECT INFORMATION

Project Number: 145686 Task Number: 030 Area of Concern: CCWS
Client: HILLSHIRE BRANDS Personnel: G. GAGAT
Project Location: SMYRNA, GA Weather: Sunny, 60°F

2. WELL DATA

Date Measured: 10-24-13 Time: 1100 Temporary Well: ☐ Yes ☒ No

Casing Diameter: 2 inches Type: ☐ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Screen Diameter: 2 inches Type: ☐ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Total Depth of Well: 45.00 feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Static Water: 33.23 feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Product: — feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Length of Water Column: 11.77 feet Well Volume: 1.96 gal Screened Interval (from GS): _____
Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft

3. PURGE DATA

Date Purged: 10-24-13 Time: 1111 Equipment Model(s):

Purge Method: ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____ 1. MORISON
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____ 2. VSE 556
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☐ Disposable
Materials: Rope/Tubing ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____ 3. LAMOTTE 2020
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable 4. SOLINST WL METER
Volume to Purge (minimum): 3 well volumes or 5.69 gallons
Was well purged dry? ☐ Yes ☒ No Pumping Rate: 0.16 gal/min Calibrated? ☒ Yes ☐ No

Time	Cum. Gallons Removed (gal)	pH ±0.1 su	Temp ±2°C	Spec. Cond. ±5%	ORP > of ±10% or ±20 mV	DO > of ±10% or ±0.2 mg/L	Turbidity ≤ 10 NTU	Water Level	Comments
1119	1.0	5.21	16.24	0.235	131.1	3.33	6.07	33.58	
1128	2.0	5.11	16.29	0.244	126.3	4.04	4.01	33.58	
1135	3.0	5.09	16.19	0.246	126.1	4.29	1.69	33.58	
1140	4.0	5.08	16.12	0.245	126.7	4.42	0.92	33.58	
1144	5.0	5.08	16.11	0.244	127.2	4.45	0.68	33.58	
1149	6.0	5.08	16.06	0.244	128.0	4.51	0.51		Purge data continued on next sheet? ☐

4. SAMPLING DATA

Analysis Requested:

Method(s): ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____ 1. Voc's
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____ 2. _____
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☐ Disposable
Materials: Tubing/Rope ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____ 3. _____
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable 4. _____
Depth to Water at Time of Sampling: 33.58 Field Filtered? ☐ Yes ☒ No
Sample ID: 17297 - MW-20 Sample Date: 10-24-13 Sample Time: 1155 # of Containers: 2
Duplicate Sample Collected? ☐ Yes ☒ No ID: — Duplicate False Time: — # of Containers: —
Equipment Blank Collected? ☐ Yes ☒ No ID: — Equipment Blank Time: — # of Containers: —

5. COMMENTS

PUMP INTAKE AT 35' BGS.

Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.

GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: OW-74A

1. PROJECT INFORMATION

Project Number: 145686 Task Number: 030 Area of Concern: RIGHT OF WAY
Client: HILLSHIRE BRANDS Personnel: G. GAGAT
Project Location: SMYRNA, GA Weather: SUNNY, 70°F

2. WELL DATA

Date Measured: 10-24-17 Time: 1340 Temporary Well: ☐ Yes ☒ No

Casing Diameter: 2 inches Type: ☒ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Screen Diameter: 2 inches Type: ☒ PVC ☐ Stainless ☐ Galv. Steel ☐ Teflon® ☐ Other: _____
Total Depth of Well: 66.01 feet From: ☒ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Static Water: 18.83 feet From: ☒ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Depth to Product: — feet From: ☐ Top of Well Casing (TOC) ☐ Top of Protective Casing ☐ Other: _____
Length of Water Column: 47.2 feet Well Volume: 7.88 gal Screened Interval (from GS): _____
Note: 1-in well = 0.041 gal/ft 2-in well = 0.167 gal/ft 4-in well = 0.667 gal/ft 6-in well = 1.469 gal/ft

3. PURGE DATA

Date Purged: 10-24-17 Time: 1344 Equipment Model(s):

Purge Method: ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☐ Disposable
Materials: Rope/Tubing ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable
Volume to Purge (minimum): 2 well volumes or 23.6 gallons
Was well purged dry? ☐ Yes ☒ No Pumping Rate: 0.2 gal/min Calibrated? ☒ Yes ☐ No

Time	Cum. Gallons Removed (gal)	pH ±0.1 su	Temp ±2°C	Spec. Cond. ±5%	ORP > of ±10% or ±20 mV	DO > of ±10% or ±0.2 mg/L	Turbidity ≤ 10 NTU	Water Level	Comments
1354	2.0	5.67	17.64	0.138	166.6	1.76	3.68	20.05	
1405	4.0	5.20	17.44	0.217	152.1	2.03	2.91	19.98	
1415	6.0	5.19	17.50	0.240	138.2	2.54	2.52	19.98	
1423	8.0	5.19	17.48	0.242	136.0	3.52	2.19	19.98	
1433	10.0	5.18	17.50	0.245	134.3	3.63	2.02	19.98	

Purge data continued on next sheet? ☒

4. SAMPLING DATA

Analysis Requested:

Method(s): ☐ Bailer, Size: _____ ☐ Bladder Pump ☒ 2" Sub. Pump ☐ 4" Sub. Pump
☐ Centrifugal Pump ☐ Peristaltic Pump ☐ Inertial Lift Pump ☐ Other: _____
Materials: Pump/Bailer ☐ Polyethylene ☒ Stainless ☐ PVC ☐ Teflon® ☐ Other: _____
☐ Dedicated ☐ Prepared Off-Site ☒ Field-Cleaned ☐ Disposable
Materials: Tubing/Rope ☒ Polyethylene ☐ Polypropylene ☐ Teflon® ☐ Nylon ☐ Other: _____
☐ Dedicated ☐ Prepared Off-Site ☐ Field-Cleaned ☒ Disposable
Depth to Water at Time of Sampling: 19.98 Field Filtered? ☐ Yes ☒ No
Sample ID: 17297-OW-74A Sample Date: 10-24 Sample Time: 1545 # of Containers: 2
Duplicate Sample Collected? ☒ Yes ☐ No ID: MW-32 Duplicate False Time: 1200 # of Containers: 2
Equipment Blank Collected? ☐ Yes ☒ No ID: — Equipment Blank Time: — # of Containers: —

5. COMMENTS

BOTTOM OF WELL TAGGED AT ~66' bgs. POSSIBLY
SEDIMENT?
PUMP INTAKE AT 24' bgs.

Note: Include comments such as well condition, odor, presence of NAPL, or other items not on the field data sheet.

GROUNDWATER SAMPLING FIELD DATA SHEET

WELL ID: OW-74A

3. PURGE DATA (continued from page 1)[illegible]Purge data continued on next sheet? ☐

Attachment B: Laboratory Report



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 31, 2017

TRISH REIFENBERGER P.E.
BROWN AND CALDWELL

990 Hammond Drive
Atlanta GA 30328

RE: Hillshire Brands Annual

Dear TRISH REIFENBERGER P.E.:

Order No: 1710086

Analytical Environmental Services, Inc. received 7 samples on 10/25/2017 1:40:00 PM
for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar
Project Manager



Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

Work Order: 1710086

Date: 10.25.17 Page 1 of 1

Analytical Environmental Services, Inc
Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710086-001

Client Sample ID: 17297-MW-20
Collection Date: 10/24/2017 11:55:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,3-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
1,4-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
2-Butanone	BRL	50		ug/L	250750	1	10/30/2017 23:18	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/30/2017 23:18	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/30/2017 23:18	OM
Acetone	BRL	50		ug/L	250750	1	10/30/2017 23:18	OM
Benzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Chlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Chloroethane	BRL	10		ug/L	250750	1	10/30/2017 23:18	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Chloromethane	BRL	10		ug/L	250750	1	10/30/2017 23:18	OM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/30/2017 23:18	OM
Ethylbenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Freon-113	BRL	10		ug/L	250750	1	10/30/2017 23:18	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Lab ID: 1710O86-001

Client Sample ID: 17297-MW-20
 Collection Date: 10/24/2017 11:55:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Tetrachloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Toluene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Trichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:18	OM
Vinyl chloride	BRL	2.0		ug/L	250750	1	10/30/2017 23:18	OM
Surr: 4-Bromofluorobenzene	78	68-127		%REC	250750	1	10/30/2017 23:18	OM
Surr: Dibromofluoromethane	96.5	84.4-122		%REC	250750	1	10/30/2017 23:18	OM
Surr: Toluene-d8	88.7	80.1-116		%REC	250750	1	10/30/2017 23:18	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710086-002

Client Sample ID: 17297-OW-74A
Collection Date: 10/24/2017 3:45:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,3-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
1,4-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
2-Butanone	BRL	50		ug/L	250750	1	10/30/2017 23:43	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/30/2017 23:43	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/30/2017 23:43	OM
Acetone	BRL	50		ug/L	250750	1	10/30/2017 23:43	OM
Benzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Chlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Chloroethane	BRL	10		ug/L	250750	1	10/30/2017 23:43	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Chloromethane	BRL	10		ug/L	250750	1	10/30/2017 23:43	OM
cis-1,2-Dichloroethene	94	5.0		ug/L	250750	1	10/30/2017 23:43	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/30/2017 23:43	OM
Ethylbenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Freon-113	BRL	10		ug/L	250750	1	10/30/2017 23:43	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 31-Oct-17

Client:	BROWN AND CALDWELL	Client Sample ID:	17297-OW-74A
Project Name:	Hillshire Brands Annual	Collection Date:	10/24/2017 3:45:00 PM
Lab ID:	1710O86-002	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Tetrachloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Toluene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Trichloroethene	11	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/30/2017 23:43	OM
Vinyl chloride	BRL	2.0		ug/L	250750	1	10/30/2017 23:43	OM
Surr: 4-Bromofluorobenzene	80.3	68-127		%REC	250750	1	10/30/2017 23:43	OM
Surr: Dibromofluoromethane	97.8	84.4-122		%REC	250750	1	10/30/2017 23:43	OM
Surr: Toluene-d8	90.7	80.1-116		%REC	250750	1	10/30/2017 23:43	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710086-003

Client Sample ID: 17297-MW-32
Collection Date: 10/24/2017 12:00:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,3-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
1,4-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
2-Butanone	BRL	50		ug/L	250750	1	10/31/2017 00:09	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/31/2017 00:09	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/31/2017 00:09	OM
Acetone	BRL	50		ug/L	250750	1	10/31/2017 00:09	OM
Benzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Chlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Chloroethane	BRL	10		ug/L	250750	1	10/31/2017 00:09	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Chloromethane	BRL	10		ug/L	250750	1	10/31/2017 00:09	OM
cis-1,2-Dichloroethene	94	5.0		ug/L	250750	1	10/31/2017 00:09	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/31/2017 00:09	OM
Ethylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Freon-113	BRL	10		ug/L	250750	1	10/31/2017 00:09	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Lab ID: 1710O86-003

Client Sample ID: 17297-MW-32
 Collection Date: 10/24/2017 12:00:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Tetrachloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Toluene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Trichloroethene	11	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:09	OM
Vinyl chloride	BRL	2.0		ug/L	250750	1	10/31/2017 00:09	OM
Surr: 4-Bromofluorobenzene	79.7	68-127		%REC	250750	1	10/31/2017 00:09	OM
Surr: Dibromofluoromethane	98.1	84.4-122		%REC	250750	1	10/31/2017 00:09	OM
Surr: Toluene-d8	88.9	80.1-116		%REC	250750	1	10/31/2017 00:09	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710086-004

Client Sample ID: 17297-MW-9A
Collection Date: 10/24/2017 4:48:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,3-Dichlorobenzene	9.9	5.0		ug/L	250750	1	10/31/2017 01:02	OM
1,4-Dichlorobenzene	13	5.0		ug/L	250750	1	10/31/2017 01:02	OM
2-Butanone	BRL	50		ug/L	250750	1	10/31/2017 01:02	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/31/2017 01:02	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/31/2017 01:02	OM
Acetone	BRL	50		ug/L	250750	1	10/31/2017 01:02	OM
Benzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Chlorobenzene	52	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Chloroethane	BRL	10		ug/L	250750	1	10/31/2017 01:02	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Chloromethane	BRL	10		ug/L	250750	1	10/31/2017 01:02	OM
cis-1,2-Dichloroethene	6.2	5.0		ug/L	250750	1	10/31/2017 01:02	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/31/2017 01:02	OM
Ethylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Freon-113	BRL	10		ug/L	250750	1	10/31/2017 01:02	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Lab ID: 1710O86-004

Client Sample ID: 17297-MW-9A
 Collection Date: 10/24/2017 4:48:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Tetrachloroethene	33	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Toluene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Trichloroethene	22	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:02	OM
Vinyl chloride	2.4	2.0		ug/L	250750	1	10/31/2017 01:02	OM
Surr: 4-Bromofluorobenzene	80.2	68-127		%REC	250750	1	10/31/2017 01:02	OM
Surr: Dibromofluoromethane	99.2	84.4-122		%REC	250750	1	10/31/2017 01:02	OM
Surr: Toluene-d8	91.7	80.1-116		%REC	250750	1	10/31/2017 01:02	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710O86-005

Client Sample ID: 17298-MW-9B
Collection Date: 10/25/2017 11:35:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,3-Dichlorobenzene	16	5.0		ug/L	250750	1	10/31/2017 01:53	OM
1,4-Dichlorobenzene	23	5.0		ug/L	250750	1	10/31/2017 01:53	OM
2-Butanone	BRL	50		ug/L	250750	1	10/31/2017 01:53	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/31/2017 01:53	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/31/2017 01:53	OM
Acetone	BRL	50		ug/L	250750	1	10/31/2017 01:53	OM
Benzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Chlorobenzene	160	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Chloroethane	BRL	10		ug/L	250750	1	10/31/2017 01:53	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Chloromethane	BRL	10		ug/L	250750	1	10/31/2017 01:53	OM
cis-1,2-Dichloroethene	10	5.0		ug/L	250750	1	10/31/2017 01:53	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/31/2017 01:53	OM
Ethylbenzene	15	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Freon-113	BRL	10		ug/L	250750	1	10/31/2017 01:53	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Lab ID: 1710O86-005

Client Sample ID: 17298-MW-9B
 Collection Date: 10/25/2017 11:35:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Tetrachloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Toluene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Trichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/31/2017 01:53	OM
Vinyl chloride	4.4	2.0		ug/L	250750	1	10/31/2017 01:53	OM
Surr: 4-Bromofluorobenzene	82.3	68-127		%REC	250750	1	10/31/2017 01:53	OM
Surr: Dibromofluoromethane	96	84.4-122		%REC	250750	1	10/31/2017 01:53	OM
Surr: Toluene-d8	88.9	80.1-116		%REC	250750	1	10/31/2017 01:53	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710086-006

Client Sample ID: 17298-EB
Collection Date: 10/25/2017 9:20:00 AM
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,3-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
1,4-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
2-Butanone	BRL	50		ug/L	250750	1	10/31/2017 00:35	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/31/2017 00:35	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/31/2017 00:35	OM
Acetone	BRL	50		ug/L	250750	1	10/31/2017 00:35	OM
Benzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Chlorobenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Chloroethane	BRL	10		ug/L	250750	1	10/31/2017 00:35	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Chloromethane	BRL	10		ug/L	250750	1	10/31/2017 00:35	OM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/31/2017 00:35	OM
Ethylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Freon-113	BRL	10		ug/L	250750	1	10/31/2017 00:35	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Lab ID: 1710O86-006

Client Sample ID: 17298-EB
 Collection Date: 10/25/2017 9:20:00 AM
 Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Tetrachloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Toluene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Trichloroethene	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/31/2017 00:35	OM
Vinyl chloride	BRL	2.0		ug/L	250750	1	10/31/2017 00:35	OM
Surr: 4-Bromofluorobenzene	79.7	68-127		%REC	250750	1	10/31/2017 00:35	OM
Surr: Dibromofluoromethane	96	84.4-122		%REC	250750	1	10/31/2017 00:35	OM
Surr: Toluene-d8	88.6	80.1-116		%REC	250750	1	10/31/2017 00:35	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Lab ID: 1710086-007

Client Sample ID: TRIP BLANK
Collection Date: 10/25/2017
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,1,2-Trichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,1-Dichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,1-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,2-Dibromoethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,2-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,2-Dichloroethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,2-Dichloropropane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,3-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
1,4-Dichlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
2-Butanone	BRL	50		ug/L	250750	1	10/30/2017 20:15	OM
2-Hexanone	BRL	10		ug/L	250750	1	10/30/2017 20:15	OM
4-Methyl-2-pentanone	BRL	10		ug/L	250750	1	10/30/2017 20:15	OM
Acetone	BRL	50		ug/L	250750	1	10/30/2017 20:15	OM
Benzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Bromodichloromethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Bromoform	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Bromomethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Carbon disulfide	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Carbon tetrachloride	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Chlorobenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Chloroethane	BRL	10		ug/L	250750	1	10/30/2017 20:15	OM
Chloroform	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Chloromethane	BRL	10		ug/L	250750	1	10/30/2017 20:15	OM
cis-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Cyclohexane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Dibromochloromethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Dichlorodifluoromethane	BRL	10		ug/L	250750	1	10/30/2017 20:15	OM
Ethylbenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Freon-113	BRL	10		ug/L	250750	1	10/30/2017 20:15	OM
Isopropylbenzene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
m,p-Xylene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Methyl acetate	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Methyl tert-butyl ether	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Methylcyclohexane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Methylene chloride	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
o-Xylene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 31-Oct-17

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Lab ID: 1710O86-007

Client Sample ID: TRIP BLANK
 Collection Date: 10/25/2017
 Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Tetrachloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Toluene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Trichloroethene	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Trichlorofluoromethane	BRL	5.0		ug/L	250750	1	10/30/2017 20:15	OM
Vinyl chloride	BRL	2.0		ug/L	250750	1	10/30/2017 20:15	OM
Surr: 4-Bromofluorobenzene	79.2	68-127		%REC	250750	1	10/30/2017 20:15	OM
Surr: Dibromofluoromethane	97.9	84.4-122		%REC	250750	1	10/30/2017 20:15	OM
Surr: Toluene-d8	89.4	80.1-116		%REC	250750	1	10/30/2017 20:15	OM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: 17297-OW-74A Lab ID: 1710O86-002 Collection Date: 10/24/2017 3:45:00 PM Matrix: Groundwater							
TCL VOLATILE ORGANICS SW8260B				(SW5030B)			
cis-1,2-Dichloroethene	94		0.28	5.0	ug/L	250750	1
Trichloroethene	11		0.30	5.0	ug/L	250750	1
Client Sample ID: 17297-MW-32 Lab ID: 1710O86-003 Collection Date: 10/24/2017 12:00:00 PM Matrix: Groundwater							
TCL VOLATILE ORGANICS SW8260B				(SW5030B)			
cis-1,2-Dichloroethene	94		0.28	5.0	ug/L	250750	1
Trichloroethene	11		0.30	5.0	ug/L	250750	1
Client Sample ID: 17297-MW-9A Lab ID: 1710O86-004 Collection Date: 10/24/2017 4:48:00 PM Matrix: Groundwater							
TCL VOLATILE ORGANICS SW8260B				(SW5030B)			
1,3-Dichlorobenzene	9.9		0.31	5.0	ug/L	250750	1
1,4-Dichlorobenzene	13		0.33	5.0	ug/L	250750	1
Chlorobenzene	52		0.42	5.0	ug/L	250750	1
cis-1,2-Dichloroethene	6.2		0.28	5.0	ug/L	250750	1
Tetrachloroethene	33		0.46	5.0	ug/L	250750	1
Trichloroethene	22		0.30	5.0	ug/L	250750	1
Vinyl chloride	2.4		0.30	2.0	ug/L	250750	1
Client Sample ID: 17298-MW-9B Lab ID: 1710O86-005 Collection Date: 10/25/2017 11:35:00 AM Matrix: Groundwater							
TCL VOLATILE ORGANICS SW8260B				(SW5030B)			
1,3-Dichlorobenzene	16		0.31	5.0	ug/L	250750	1
1,4-Dichlorobenzene	23		0.33	5.0	ug/L	250750	1
Chlorobenzene	160		0.42	5.0	ug/L	250750	1
cis-1,2-Dichloroethene	10		0.28	5.0	ug/L	250750	1
Ethylbenzene	15		0.26	5.0	ug/L	250750	1
Vinyl chloride	4.4		0.30	2.0	ug/L	250750	1

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ Courier ☐ Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged ☐ leaking ☐ other ☐	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present ☐	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and received?					
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info ☐ illegible ☐ no label ☐ other ☐	
20. Are analyses requested indicated on the COC?					
21. Were all of the samples listed on the COC received?				samples received but not listed on COC ☐ samples listed on COC not received ☐	
22. Was the sample collection date/time noted?					
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC ☐ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *					
29. Containers meet preservation guidelines?					
30. Was pH adjusted at Sample Receipt?					

I certify that I have completed sections 28-30 (dated initials). _____

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Workorder: 1710086

ANALYTICAL QC SUMMARY REPORT

BatchID: 250750

Sample ID: MB-250750	Client ID:					Units: ug/L	Prep Date: 10/30/2017	Run No: 355650			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 250750	Analysis Date: 10/30/2017	Seq No: 7830678			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	50
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	5.0
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: BROWN AND CALDWELL
 Project Name: Hillshire Brands Annual
 Workorder: 1710086

ANALYTICAL QC SUMMARY REPORT

BatchID: 250750

Sample ID: MB-250750	Client ID:					Units: ug/L	Prep Date: 10/30/2017		Run No: 355650		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 250750	Analysis Date: 10/30/2017		Seq No: 7830678		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	40.56	0	50.00		81.1	68	127				
Surr: Dibromofluoromethane	50.18	0	50.00		100	84.4	122				
Surr: Toluene-d8	45.30	0	50.00		90.6	80.1	116				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Workorder: 1710O86

ANALYTICAL QC SUMMARY REPORT**BatchID: 250750**

Sample ID: LCS-250750	Client ID:					Units: ug/L	Prep Date: 10/30/2017	Run No: 355650			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 250750	Analysis Date: 10/30/2017	Seq No: 7830682			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	49.48	5.0	50.00		99.0	69	136				
Benzene	49.28	5.0	50.00		98.6	73.7	126				
Chlorobenzene	56.26	5.0	50.00		113	73.5	124				
Toluene	51.67	5.0	50.00		103	76.8	125				
Trichloroethene	59.97	5.0	50.00		120	70.9	124				
Surr: 4-Bromofluorobenzene	39.05	0	50.00		78.1	68	127				
Surr: Dibromofluoromethane	47.06	0	50.00		94.1	84.4	122				
Surr: Toluene-d8	44.49	0	50.00		89.0	80.1	116				

Sample ID: 1710R76-029AMS	Client ID:					Units: ug/L	Prep Date: 10/30/2017	Run No: 355650			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 250750	Analysis Date: 10/30/2017	Seq No: 7830752			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	48.26	5.0	50.00		96.5	65.7	143				
Benzene	48.16	5.0	50.00		96.3	66.1	137				
Chlorobenzene	55.16	5.0	50.00		110	70.9	132				
Toluene	51.17	5.0	50.00		102	63.8	141				
Trichloroethene	58.90	5.0	50.00		118	70.6	128				
Surr: 4-Bromofluorobenzene	40.18	0	50.00		80.4	68	127				
Surr: Dibromofluoromethane	48.62	0	50.00		97.2	84.4	122				
Surr: Toluene-d8	44.80	0	50.00		89.6	80.1	116				

Sample ID: 1710R76-029AMSD	Client ID:				Units: ug/L	Prep Date: 10/30/2017	Run No: 355650				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 250750	Analysis Date: 10/30/2017	Seq No: 7830753				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	44.67	5.0	50.00		89.3	65.7	143	48.26	7.73	17.7	
Benzene	45.94	5.0	50.00		91.9	66.1	137	48.16	4.72	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: BROWN AND CALDWELL
Project Name: Hillshire Brands Annual
Workorder: 1710086

ANALYTICAL QC SUMMARY REPORT

BatchID: 250750

Sample ID: 1710R76-029AMSD	Client ID:	Units: ug/L					Prep Date: 10/30/2017	Run No: 355650			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 250750					Analysis Date: 10/30/2017	Seq No: 7830753			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	54.64	5.0	50.00		109	70.9	132	55.16	0.947	20	
Toluene	47.87	5.0	50.00		95.7	63.8	141	51.17	6.66	20	
Trichloroethene	55.31	5.0	50.00		111	70.6	128	58.90	6.29	20	
Surr: 4-Bromofluorobenzene	39.93	0	50.00		79.9	68	127	40.18	0	0	
Surr: Dibromofluoromethane	45.75	0	50.00		91.5	84.4	122	48.62	0	0	
Surr: Toluene-d8	43.72	0	50.00		87.4	80.1	116	44.80	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Attachment C: Annual Property Evaluation Form

Exhibit B
Annual Property Evaluation Form

Former Olympic Mfg.-Diversey Site, HSI Site No. 10435

TYPE	No.	CRITERIA RESPONSE	YES	NO
Land Use	1	Does this former HSRA site meet the definition of non-residential property as defined in HSRA Rule 391-3-19.02(2)? "Non-residential property means any property or portion of a property not currently being used for human habitation or for other purposes with a similar potential for human exposure, at which activities have been or are being conducted that can be categorized in one of the 1987 Standard Industrial Classification major group..."	✓	
	1a	If no to 1, provide a written explanation to the EPD within 30 days.		
Groundwater Use On-site	2	Are wells for drinking water or for any other non-remedial purposes installed or in use on the property?		✓
	2a	If yes to 2, provide a written explanation to the EPD within 30 days.		
Off-Site Groundwater Wells	3	Have potable wells have been installed on impacted neighboring and downgradient properties that have an Environmental Covenant in effect, or whose owners have otherwise agreed not to install potable wells?		✓
	3a	If yes to 3, provide a written explanation to the EPD within 30 days.		
Property Instruments	4	Do all leases or other property instruments for the site have the applicable deed notice language inserted into them.	✓	
	4a	If no to 4, provide a written explanation (attached) to the EPD within 30 days.		
Inspection	5	Date of inspection: 10.25.17		
	5a	Name of inspector: GEOFF GAGAT		
	5b	Photographs showing current land use (attached)		

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

GEOFF GAGAT

NAME (Please type or print)

GEOLOGIST

TITLE


SIGNATURE

10.25.17

DATE