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DEC 31 2015

Response and Remediation Program

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Brown AND Caldwell

December 30, 2015

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: Voluntary Remediation Program Progress Report
Former Diversey/Olympic Manufacturing Site, Smyrna, Georgia
HSI Site 10435

Dear Mr. Brownlee:

The purpose of this letter is to update the Georgia Environmental Protection Division (EPD) regarding recent work related to the Former Olympic Manufacturing/Diversey site (Site) as required in EPD's Voluntary Remediation Program (VRP). This update is provided on behalf of The Hillshire Brands Company (Hillshire, formerly Sara Lee Corporation) and Rathon Corp. (Rathon). As agreed with the EPD this fall, a summary of recent activities is provided in this letter and additional detail will be provided in the final Compliance Status Report (CSR) planned to be submitted January 31, 2016.

Summary of Recent Work

Work at the Site since the last submittal to the EPD, which was the June 2015 Semiannual Progress Report, has consisted of:

- Efforts to execute environmental land use covenants (ELUCs) with neighboring property owners
- Groundwater gauging and sampling in October 2015

The location of the Site monitoring wells and neighboring properties subject to ELUCs are shown on Figure 1.

The wells to be gauged and sampled in the final compliance event were approved by the EPD on October 26, 2015 and are listed in Table 1. The semiannual groundwater monitoring was conducted October 27-30, 2015.

Results of Work this Reporting Period

Environmental Land Use Covenants

Progress has continued in finalizing ELUCs with neighboring property owners. Developments since the last progress report are summarized below and additional detail will be provided in the Final CSR:

- Crimson Three Partners- The fully executed ELUC was filed and recorded by the Clerk of the Superior Court of Cobb County on September 8, 2015.
- Airgas Refrigerants, Inc.- The ELUC was signed by all parties and submitted to the EPD on October 22, 2015. The EPD subsequently notified Brown and Caldwell that a standard ELUC would be required rather than the streamlined groundwater covenant and that the covenant should reference the Final CSR. A new covenant

based on the model covenant was prepared and sent for EPD for review, and was approved with minor revisions on December 21, 2015. The revised EC will be executed and finalized after the Final CSR is approved.

- Wesley Properties, Inc.- The ELUC was signed by all parties and the final copy was submitted to the EPD on October 19, 2015. The EPD requested that the covenant reference the entire Wesley parcel rather than the area where groundwater is impacted. A revised ELUC has been presented to Wesley Properties, and they are considering the request.
- Cobb County- On July 28, 2015, the Cobb County Manager's office provided a letter confirming that it does not intend to utilize groundwater on the three parcels it owns in around the subject site. The figure showing these three parcels is attached (Exhibit A). We have requested that Cobb County transmit the figure directly to you as well.
- State Properties Commission (SPC)- As indicated in our previous progress report, the SPC provided a letter to the EPD dated March 3, 2015 confirming that the State does not intend to utilize groundwater at this location. The EPD confirmed that this letter will suffice in lieu of an ELUC on this parcel in an email dated March 5, 2015.

Groundwater Gauging and Sampling

Current and historical groundwater level and elevation data are presented in Tables 2a and Table 2b, respectively. The results of the groundwater sampling are provided in Table 3.

If you have any questions regarding this report or other questions related to the Site, please do not hesitate to call me at (770) 673-3630.

Very truly yours,

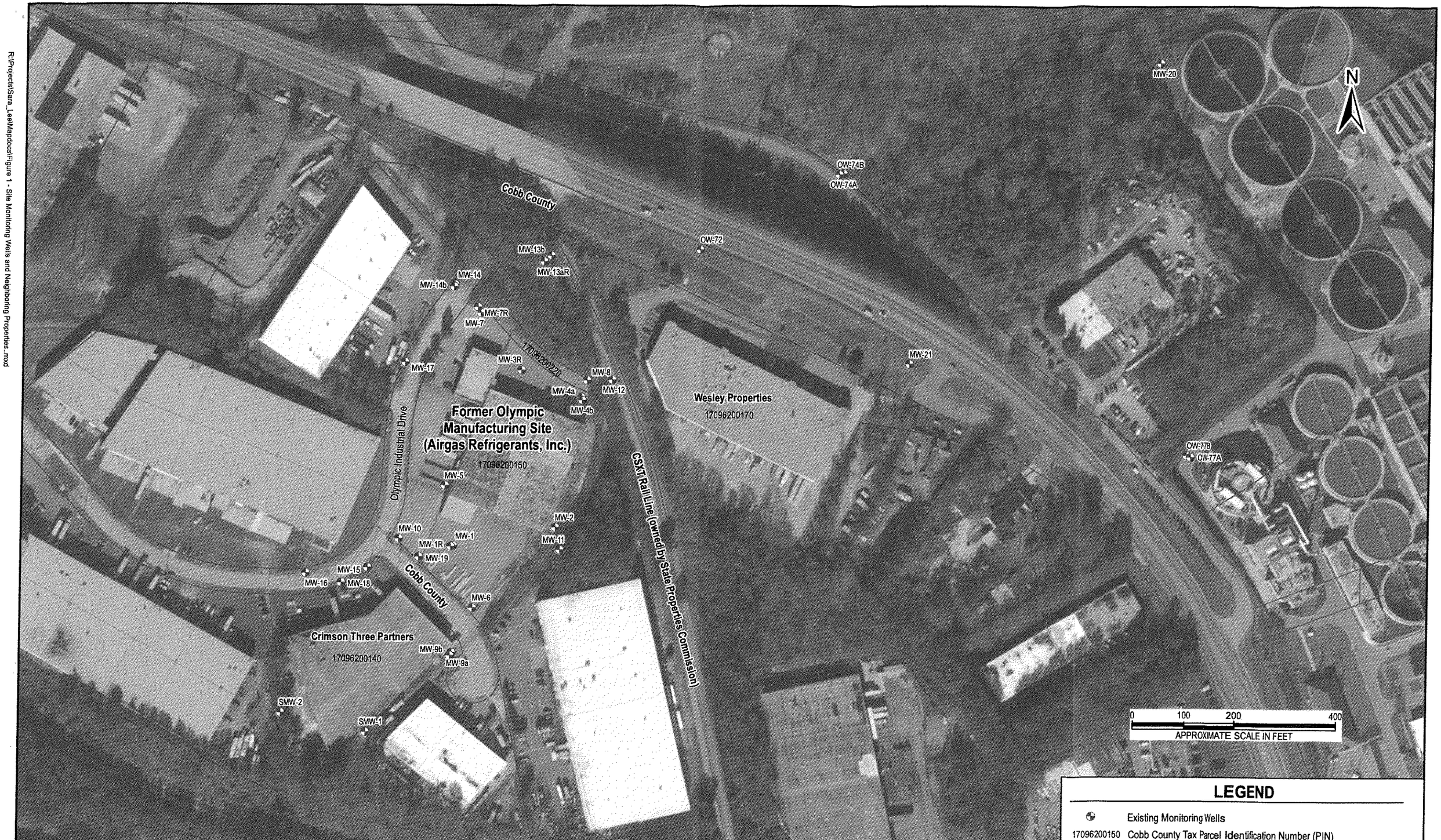
Brown and Caldwell

Trish Reifenberger

Trish Reifenberger, P.E.
Project Manager

cc: Jeremy Hall, The Hillshire Brands Company
Kirby McCalister, Tyson Foods, Inc.
Ben Moline, Rathon Corp
Harvey M. Sheldon, Hinshaw and Culbertson LLP
Leigh Purdy, Airgas USA, LLC–South Division

Enclosures:
Figure 1
Tables 1 through 3
Exhibit A



LEGEND

Existing Monitoring Wells

17096200150 Cobb County Tax Parcel Identification Number (PIN)

Former Olympic Manufacturing Site
3051 Olympic Industrial Drive
Smyrna, Georgia

Brown AND Caldwell

SAVED DATE:	12/28/2015
SCALE:	AS SHOWN
DRAWN BY:	BAS
CHECKED BY:	PCR
PROJECT #:	145686

Figure 1

Site Monitoring Wells and Neighboring Properties

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

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

Table 1. Final Compliance Sampling Event, October 2015 Former Olympic Manufacturing Site, Smyrna, Georgia		
Monitoring Well	Gauge Water Level?	Sample?
MW-1R	✓	
MW-2	✓	✓
MW-3R	✓	
MW-4a	✓	✓
MW-4b	✓	✓
MW-5	✓	
MW-6	✓	✓
MW-7R	✓	
MW-8	✓	✓
MW-9a	✓	✓
MW-9b	✓	✓
MW-10	✓	
MW-11	✓	✓
MW-12	✓	✓
MW-13aR	✓	
MW-13b	✓	
MW-14	✓	
MW-14b	✓	
MW-15	✓	✓
MW-16	✓	✓
MW-17	✓	
MW-18	✓	
MW-19	✓	
MW-20	✓	✓
MW-21	✓	✓
MW-A	✓	
MW-B	✓	
MW-C	✓	
MW-D	✓	
OW-72	✓	✓
OW-74A	✓	✓
IW-1 to IW-3, IW-5 to IW-10	✓	
IW-4	✓	Sample only if MW-4a is dry
SMW-1	✓	✓
SMW-2	✓	✓

Table 3. Analytical Detections for Final Compliance Sampling, October 2015
Former Olympic Manufacturing Site, Smyrna, Georgia

Constituent	Concentration (micrograms per liter)																					
	MW-2	MW-4a	MW-4b	MW-6	MW-8	MW-9a	MW-9b	MW-11	MW-12	MW-15	MW-16	MW-20	MW-21	OW-72	OW-74A	SMW-1	SMW-2	15300-EB	15301-EB	MW-30 (MW-8 dup)	MW-31 (MW-9a dup)	VRP Delineation Level	VRP Cleanup Level
Screened Interval, bgs	30 to 40	36 to 46	96 to 101	25 to 45	35 to 55	17 to 27	53.5-58.5	28 to 38	36 to 46	5 to 15	27 to 37	33 to 43	47 to 57	107 to 135	42 to 81	24 to 39	41 to 56						
Sampling Date	10/29/15	10/30/15	10/27/15	10/27/15	10/29/15	10/29/15	10/28/15	10/27/15	10/29/15	ns[a]	ns[a]	10/27/15	10/27/15	10/28/15	10/28/15	10/28/15	10/28/15	10/27/15	10/28/15	10/29/15	10/29/15		
Volatile Organics, Method 8260B																							
Chlorobenzene	< 5.0	< 5.0	< 5.0	**29**	< 5.0	**170**	**200**	**71**	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**170**	100	136
Chloroform	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**5.2**	< 5.0	< 5.0	< 5.0	< 5.0	80	80
1,2-Dichlorobenzene	< 5.0	**230**	< 5.0	< 5.0	**19**	**15**	**18**	< 5.0	**6.9**			< 5.0	< 5.0	**21**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**19**	**16**	600	600
1,3-Dichlorobenzene	< 5.0	**130**	< 5.0	< 5.0	**6.3**	**26**	**32**	**5.1**	< 5.0			< 5.0	< 5.0	**5.0**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**6.2**	**26**	600	600
1,4-Dichlorobenzene	< 5.0	**75**	< 5.0	**6.4**	< 5.0	**34**	**41**	**9.1**	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**35**	75	75
1,1-Dichloroethane	**6.1**	**14**	< 5.0	< 5.0	**11**	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	**14**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**11**	< 5.0	4,000	4,000
1,2-Dichloroethane	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5	5
1,1-Dichloroethene	**5.9**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	7	524
cis-1,2-Dichloroethene	**81**	**3,600**	< 5.0	< 5.0	**1,100**	< 5.0	< 5.0	**30**	**46**			< 5.0	< 5.0	**1,500**	**150**	< 5.0	< 5.0	< 5.0	< 5.0	**1,200**	< 5.0	70	1,020
trans-1,2-Dichloroethene	< 5.0	**25**	< 5.0	< 5.0	**9.4**	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	**11**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**8.8**	< 5.0	100	161
Ethylbenzene	< 5.0	< 5.0	< 5.0	**21**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	700	700
Isopropyl benzene	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**11**			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5	207
Tetrachloroethene	< 5.0	**19.0**	< 5.0	< 5.0	**9.6**	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	**16**	< 5.0	**27**	< 5.0	< 5.0	< 5.0	**9.1**	< 5.0	5	5
1,1,1-Trichloroethane	**11**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	200	200
Trichloroethene	**19**	**16**	< 5.0	< 5.0	**5.7**	**5.3**	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	**44**	**14**	< 5.0	< 5.0	< 5.0	< 5.0	**5.4**	**5.2**	5	35
Vinyl Chloride	< 2.0	**2.3**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0			< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2	3.3
m & p Xylene	< 5.0	< 5.0	< 5.0	**32**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ne[c]	ne
o-Xylene	< 5.0	< 5.0	< 5.0	**11**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0			< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	ne	ne

[a] "ns" indicates sample not collected as well was dry (MW-15, MW-16).

[b] "na" indicates sample not analyzed for that parameter.

[c] "ne" indicates no standard established as parameter is not regulated under HSRA.

BOLD = Analytical detection above VRP cleanup level.

▓ = Exceeds VRP delineation and cleanup levels for groundwater.

▒ = Exceeds VRP delineation level for groundwater.

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Table 2a. Historical Water Level Data
Former Olympic Manufacturing Site, Smyrna, Georgia

Well	Top of Casing Elev.,[a] ft	Depth to Water from Top of Casing, feet																																	
		Dec-98	Sep-99	Feb-00	Apr-01	Dec-01	May-02	Sep-03	Dec-03	Feb-04	Jun-04	May-05	Jul-06	Apr-07	May-07	Oct-07	Jan-08	Apr-08	Oct-08	Apr-09	Oct-09	Apr-10[b]	Oct-10	Apr-11	Oct-11	Nov-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Mar-15	Apr-15	Oct-15
MW-1	838.52	31.74	31.14	31.63	30.6	33.89	33.69	32.76[c]	33.92	ng[d]	35.35	ng	34.85	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-1R	838.63	ni[e]	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	34.62	34.46	ng	36.74	36.17	34.61	37.12	35.19	34.02	32.83	34.37	33.78	35.86	ng	35.44	36.70	34.04	33.71	32.66	33.53	32.90	33.14	34.35
MW-2	840.52	32.18	30.18	31.75	26.31	37.48	36.81	29.02[c]	31.99	ng	33.98	ng	33.00	34.15	ng	38.42	39.26	33.53	38.91	36.14	33.39	27.83	34.81	32.49	38.35	ng	37.37	42.07	35.23	31.00	28.49	32.80	32.51	31.30	35.58
MW-3	839.98	37.20	38.00	39.60	37.62	41.86	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-3R	839.79	ni	ni	ni	ni	ni	ni	ni	ni	ni	45.85	ng	44.84	47.10	ng	49.46	51.02	50.75	51.55	52.19	49.61	42.12	44.05	47.57	49.31	ng	51.65	53.67	52.90	46.80	45.23	45.01	46.48	46.51	47.22
MW-4	841.45	37.05	37.15	38.36	35.58	Dry	Dry	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-4a	838.92	ni	ni	ni	ni	ni	ni	ni	ni	ni	43.86	40.27	42.15	43.13	44.45	Dry	Dry	Dry	45.88	Dry	44.59	39.40	42.60	43.63	Dry	ng	Dry	Dry	Dry	42.34	40.69	42.00	42.44	42.23	44.72
MW-4b	839.13	ni	ni	ni	ni	ni	ni	ni	ni	ni	46.51	ng	44.60	46.27	ng	49.08	50.37	49.78	50.72	51.22	50.98	42.14	43.66	46.71	48.59	ng	50.53	52.56	51.00	45.11	43.14	43.90	45.51	45.42	46.01
MW-5	838.27	28.2	27.8	27.95	27.78	27.31	26.89	29.13	ng	ng	30.56	ng	29.82	30.11	ng	32.02	32.11	30.22	32.32	29.89	28.82	27.87	29.48	28.21	30.04	ng	29.13	30.95	28.38	29.23	28.87	27.92	28.00	27.88	28.40
MW-6[e]	836.85	26.59	24.38	24.29	21.24	28.12	26.62	16.45[c]	21.67	23.75	25.99	ng	25.33	26.69	ng	18.36[c]	19.70[c]	23.42	26.82	24.96	23.61	23.38	27.55	24.79	28.58	ng	27.81	30.20	23.42	24.01	20.41	24.12	23.90	23.34	24.77
MW-7	840.66	39.06	39.06	41.01	39.15	42.37	43.35	42.54	ng	ng	46.21	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-7R	841.66	ni	ni	ni	ni	ni	ni	ni	ni	ni	44.95	ng	45.65	47.07	ng	48.44	49.38	49.26	49.49	49.19	47.36	43.92	44.42	46.30	48.00	ng	49.50	50.62	49.72	47.83	46.09	45.79	46.71	46.79	47.45
MW-8	838.52	35.68	36.04	37.71	35.08	45.94	47.79	40.90	ng	ng	45.25	41.38	43.27	44.90	45.76	48.56	48.79	47.81	48.39	49.35	46.59	40.33	43.67	45.58	48.32	48.93	49.55	52.38	49.21	49.76	42.13	42.89	44.39	44.17	45.02
MW-9a[c]	833.15	ni	ni	ni	ni	21.34	19.41	18.18[c]	17.25	18.17	20.31	ng	19.77	20.29	ng	17.14[c]	17.15[d]	18.46	21.12	18.36	18.46	19.29	21.55	19.32	23.48	ng	21.34	23.90	18.70	18.65	17.38	21.17	19.38	19.32	21.11
MW-9b[c,f]	833.19	ni	ni	ni	ni	22.55	20.38	20.69[c]	31.01	31.81	34.94	ng	34.26	25.84	ng	22.05[c]	24.88[c]	23.35	23.21	19.08	18.80	19.53	22.19	19.92	23.80	ng	22.20	24.49	19.10	17.27	17.51	20.82	19.66	19.21	20.77
MW-10	836.37	ni	ni	ni	ni	24.27	24.14	24.37	24.51	ng	23.69	ng	25.10	24.39	ng	25.22	24.60	24.92	26.58	24.92	25.53	24.93	24.68	24.30	24.77	ng	23.82	26.22	24.66	25.40	24.51	23.18	24.14	21.84	24.74
MW-11	833.80	ni	ni	ni	ni	29.8	27.74	20.07[c]	23.37	ng	26.15	ng	26.10	26.32	ng	32.15[c]	31.30[c]	24.15	33.28	25.46	26.65	19.63	29.65	24.19	33.67	ng	30.58	37.52	25.50	24.91	20.23	28.28	24.89	23.49	29.61
MW-12	834.97	ni	ni	ni	ni	43.87	45.46	37.31	ng	ng	41.48	ng	39.45	41.44	43.53	44.53	44.53	42.91	45.92	43.92	41.38	36.07	40.27	41.07	44.81	ng	45.36	Dry	43.58	42.78	37.53	39.47	40.59	39.60	41.85
MW-13a	837.44	ni	ni	ni	ni	42.87	44.67	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-13aR	839.02	ni	ni	ni	ni	ni	ni	ni	ni	ni	46.88	ng	45.56	47.95	ng	51.52	52.18	51.55	52.50	53.12	50.48	43.58	45.19	48.58	50.51	ng	52.72	54.88	54.05	55.11	46.93	46.33	47.03	47.17	48.59
MW-13b[f]	836.96	ni	ni	ni	ni	48.21	48.89	43.79	ng	48.04	48.72	ng	47.42	49.04	ng	51.80	52.85	51.81	53.29	52.79	50.62	44.85	46.97	49.17	51.47	ng	52.85	55.17	53.31	55.07	47.00	47.51	47.88	48.41	49.38
MW-14	844.43	ni	ni	ni	ni	ni	43.21	45.17	ng	ng	47.6	ng	48.36	49.72	ng	Dry	Dry	Dry	Dry	Dry	Dry	46.70	47.13	48.96	50.03	ng	Dry	Dry	Dry	Dry	48.89	48.52	49.44	49.51	49.89
MW-14b	844.39	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	54.45	53.21	53.10	52.72	50.72[h]	47.41	47.73	49.48	51.18	ng	55.09	56.69	56.17	52.78	50.13	50.96	51.23	51.54	52.38
MW-15	834.82	ni	ni	ni	ni	ni	Dry	Dry	ng	ng	Dry	ng	Dry	15.02	ng	Dry	Dry	Dry	Dry	Dry	Dry	15.04	15.03	15.04	15.05	ng	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-16	832.98	ni	ni	ni	ni	ni	29.42	Dry	ng	ng	Dry	ng	Dry	Dry	ng	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	ng	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-17	841.85	ni	ni	ni	ni	ni	ni	38.06	ng	ng	40.51	ng	42.25	43.89	ng	45.62	46.76	44.49	46.81	41.73	37.94	38.14	40.78	39.93	44.43	ng	44.92	46.87	43.16	43.54	40.32	41.97	41.78	41.60	44.03
MW-18	833.46	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	51.21	34.83	ng	34.53	33.98	33.30	33.40	48.30	29.01	29.22	31.75	33.73	31.14	ng	32.10	35.78	37.60	37.79	37.76	38.30	38.11	37.61	36.40
MW-19	837.20	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	29.68	29.25	31.11	29.45	29.24	28.92	29.49	29.06	30.09	ng	29.53	30.26	29.20	29.58	29.10	29.38	29.04	27.12	29.46
MW-20	800.83	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	33.06	33.11	32.42	33.01	29.44	33.09	33.16
MW-21	800.82	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	38.91	38.91	38.14	38.40	38.62	39.90
MW-A	837.96	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	29.3[g]	ng	ng	ng	35.52	28.98	35.28	31.60	30.51	23.85	31.10	28.78	34.74	ng	33.75	38.01	31.60	32.59	23.81	28.92	28.26	27.00	31.71
MW-B	838.44	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	36.57	ng	ng	ng	38.62	32.87	38.15	36.56	33.38	27.41	33.60	32.72	37.39	ng	37.12	41.02	35.60	30.57	28.52	31.47	31.78	31.46	34.90
MW-C	838.59	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	32.50	ng	ng	ng	38.88	33.2	38.35	36.91	33.62	28.04	34.00	33.12	37.64	ng	37.43	41.24	35.88	31.00	28.78	31.82	32.11	31.72	35.35
MW-D	837.71	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	27.44	27.42	31.34	30.62	28.65	25.18	29.09	28.51	31.29	ng	31.21	33.88	29.12	24.08	23.67	25.76	27.08	26.47	27.94
OW-72	861.00	ng	ng	ng	ng	ng	ng	ng	ng	ng	77.04	ng	78.60	76.65	ng	79.48	80.10	78.58	80.79	76.73	77.53	73.10	75.30	76.29	79.19	ng	79.79	82.56	79.73	75.58	74.41	75.20	76.14	75.79	76.71
OW-74A	800.00	ng	ng	ng	ng	ng	ng	ng	ng	ng	18.39	ng	17.42	17.99	ng	20.39	20.42	19.15	21.65	19.50	18.38	15.33	17.53	17.74	20.82	ng	20.61	23.70	20.12	17.66	16.41	17.30	17.17	17.14	18.23
OW-74B	799.00	ng	ng	ng	ng	ng	ng	ng	ng	ng	20.55	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
IW-1	839.26	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	40.65	41.56	ng	41.56	43.80	42.14	45.50	42.61	41.10	37.99	41.62	41.24	44.93	ng	44.27	47.36	41.97	40.55	38.55	40.44	40.85	39.71	42.40
IW-2	839.52	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	41.45	42.31	ng	42.31	45.00	43.35	46.67	42.56	ng	ng	42.24	42.11	46.48	ng	46.46	46.72	43.56	41.30	39.50	41.23	40.80	40.64	44.42
IW-3	839.36	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	42.53	43.89	ng	43.89	47.00	46.12	47.25	47.31	44.27	39.85	42.73	42.85	46.10	ng	47.33	46.93	46.47	42.38	40.88	42.28	42.55	42.44	44.86
IW-4	838.80	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	41.17	42.19	ng	42.19	44.17	43.18	46.40	43.90	41.92	38.24	42.05	41.80	45.80	46.25	45.36	47.23	43.03	41.08	39.11	41.08	40.62	40.48	43.17
IW-5	839.17	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	42.50	43.58	ng	43.58	48.20	47.12	48.12	48.12	ng	39.82	43.06	44.26	47.70	ng	47.98	48.10	48.15	Dry	39.23	41.13	40.73	42.72	45.33
IW-6	838.36	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	43.00	43.61	ng	43.61	48.00	46.88	Dry	Dry	ng	39.74	43.31	45.00	47.49	ng	Dry	Dry	Dry	Dry	41.63	43.02	43.93	43.77	45.20
IW-7	838.40	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	43.12	44.52	ng	44.52	48.50	47.31	47.31	48.13	ng	40.14	43.46	47.37	47.64	ng	48.25	48.21	48.29	43.83	42.06	43.21	44.00	44.10	ng
IW-8	838.49	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	43.03	43.39	ng	43.39	42.70	Dry	37.50	42.70	ng	40.25	43.48	Dry	Dry	ng	Dry	Dry	Dry	Dry	42.18	42.69	44.44	42.51	40.11
IW-9	838.51	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	43.28	44.91	ng	44.91	48.50	47.65	48.55	48.50	ng	40.24	43.66	45.61	48.15	ng	48.48	48.43	48.61	44.03	42.23	43.40	44.24	44.27	44.21
IW-10	838.46	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	43.28	44.69	ng	44.69	48.50	47.68	48.49	44.74	ng	40.39	43.72	45.54	47.85	ng	Dry	Dry	48.18	44.10	42.33	43.48	44.36	44.30	39.53
SMW-1	830.49	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	34.41	33.38	36.11
SMW-2	835.27	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	52.35	52.19	54.44

[a] Well casing elevations based upon August 2, 2006 survey by Long Engineering, Inc. for all monitoring wells, except OW-72A, OW-74A, and OW-74B (obtained from Jordon, Jones, and Goulding, June 2004), and MW-14b, MW-19, and MW-D (surveyed by Long Engineering, Inc., January 2008), and MW-20 and MW-21 (surveyed by Long Engineering in April 2013 and March 2014, respectively).

[b] Water column in wells at south end of property appeared to be under pressure when well cap removed on April 21, 2010. Thus, wells in that area regauged on April 28 and all wells regauged on April 30, 2010.

[c] Water levels in these wells may have been affected by water line leaks in September 2003, and/or October 2007 and January 2008.

[d] "ng" indicates well was not gauged in this event. MW-1, 3, 4, 7, and 13a were damaged by others. Replacement wells MW-1R, 3R, 4a, 4b, 7R, and 13aR were gauged as indicated in the table. CCWS monitoring well OW-74B was paved-over following sampling in December 2004 and thus cannot be gauged. IW-2 could not be gauged in October 2009 as well cap was stuck.

[e] "ni" indicates well not installed at this time.

[f] MW-9b and MW-13b were completed in September 2003.

[g] MW-A was gauged in September 2006.

[h] Initial reading in MW-14b in October 2009 was inconsistent with past readings; thus MW-14b was regauged on November 13, 2009.

Brown AND Caldwell

Table 2b. Historical Groundwater Elevation Data
Former Olympic Manufacturing Site, Smyrna, Georgia

Well	Top of Casing Elev.,[a] ft	Groundwater Elevation, feet																																		
		Dec-98	Sep-99	Feb-00	Apr-01	Dec-01	May-02	Sep-03	Dec-03	Feb-04	Jun-04	Dec-04	May-05	Jul-06	Apr-07	May-07	Oct-07	Jan-08	Apr-08	Oct-08	Apr-09	Oct-09	Apr-10[b]	Oct-10	Apr-11	Oct-11	Nov-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Mar-15	Apr-15	Oct-15
MW-1	838.52	807.34	807.94	807.45	808.48	805.19	805.39	806.32[d]	805.16	ng	803.17	ng	ng	803.67	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-1R	838.63	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	804.01	804.17	ng	801.89	802.46	804.02	801.51	803.44	804.61	805.80	804.26	804.85	802.77	ng	803.19	801.93	804.59	804.92	805.97	805.10	805.73	805.49	804.28
MW-2	840.52	809.09	811.09	809.52	814.96	803.79	804.46	812.25[d]	809.28	ng	806.54	ng	ng	807.52	806.37	ng	802.10	801.26	806.99	801.71	804.38	807.13	812.69	805.71	808.03	802.17	ng	803.15	798.45	805.29	809.52	812.03	807.72	808.01	809.22	804.94
MW-3	839.98	802.78	801.98	800.38	802.36	798.12	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-3R	839.79	ni	ni	ni	ni	ni	ni	ni	ni	ni	793.94	ng	ng	794.95	792.69	ng	790.33	788.77	789.04	788.24	787.60	790.18	797.67	795.74	792.22	790.48	ng	788.14	786.12	786.89	792.99	794.56	794.78	793.31	793.28	792.57
MW-4	841.45	804.40	804.30	803.09	805.87	Dry	Dry	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-4a	838.92	ni	ni	ni	ni	ni	ni	ni	ni	ni	795.06	ng	798.65	796.77	795.79	794.47	Dry	Dry	Dry	793.04	Dry	794.33	799.52	796.32	795.29	Dry	ng	Dry	Dry	Dry	796.58	798.23	796.92	796.48	796.69	794.20
MW-4b	839.13	ni	ni	ni	ni	ni	ni	ni	ni	ni	792.62	ng	ng	794.53	792.86	ng	790.05	788.76	789.35	788.41	787.91	788.15	796.99	795.47	792.42	790.54	ng	788.60	786.57	788.13	794.02	795.99	795.23	793.62	793.71	793.12
MW-5	838.27	811.01	811.41	811.26	811.43	811.9	812.32	810.08	ng	ng	807.71	ng	ng	808.45	808.16	ng	806.25	806.16	808.05	805.95	808.38	809.45	810.40	808.79	810.06	808.23	ng	809.14	807.32	809.89	809.04	809.40	810.35	810.27	810.39	809.87
MW-6	836.85	810.68	812.89	812.98	816.03	809.15	810.65	820.82[c]	815.60	813.52	810.86	ng	ng	811.52	810.16	ng	818.49[c]	817.15[c]	813.43	810.03	811.89	813.24	813.47	809.30	812.06	808.27	ng	809.04	806.65	813.43	812.84	816.44	812.73	812.95	813.51	812.08
MW-7	840.66	802.02	802.02	800.07	801.93	798.71	797.73	798.54	ng	ng	794.45	ng	ng	ng	ng	ng		ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-7R	841.66	ni	ni	ni	ni	ni	ni	ni	ni	ni	796.71	ng	ng	796.01	794.59	ng	793.22	792.28	792.40	792.17	792.47	794.30	797.74	797.24	795.36	793.66	ng	792.16	791.04	791.94	793.83	795.57	795.87	794.95	794.87	794.21
MW-8	838.52	803.28	802.92	801.25	803.88	793.02	791.17	798.06	ng	ng	793.27	ng	797.14	795.25	793.62	792.76	789.96	789.73	790.71	790.13	789.17	791.93	798.19	794.85	792.94	790.20	789.59	788.97	786.14	789.31	788.76	796.39	795.63	794.13	794.35	793.50
MW-9a	833.15	ni	ni	ni	ni	812.39	814.32	815.55[c]	816.48	815.56	812.84	ng	ng	813.38	812.86	ng	816.01[c]	816.00[c]	814.69	812.03	814.79	814.69	813.86	811.60	813.83	809.67	ng	811.81	809.25	814.45	814.50	815.77	811.98	813.77	813.83	812.04
MW-9b	833.19	ni	ni	ni	ni	810.97	813.14	812.83[c]	802.51	801.38	798.25	ng	ng	798.93	807.35	ng	811.14[c]	808.31[c]	809.84	809.98	814.11	814.39	813.66	811.00	813.27	809.39	ng	810.99	808.70	814.09	815.92	815.68	812.37	813.53	813.98	812.42
MW-10	836.37	ni	ni	ni	ni	812.74	812.87	812.64	812.50	ng	812.68	ng	ng	811.27	811.98	ng	811.15	811.77	811.45	809.79	811.45	810.84	811.44	811.69	812.07	811.60	ng	812.55	810.15	811.71	810.97	811.86	813.19	812.23	814.53	811.63
MW-11	833.80	ni	ni	ni	ni	804.61	806.67	814.34[c]	811.04	ng	807.65	ng	ng	807.70	807.48	ng	801.65[c]	802.50[c]	809.65	800.52	808.34	807.15	814.17	804.15	809.61	800.13	ng	803.22	796.28	808.30	808.89	813.57	805.52	808.91	810.31	804.19
MW-12	834.97	ni	ni	ni	ni	791.77	790.18	798.33	ng	ng	793.49	ng	ng	795.52	793.53	791.44	790.44	790.44	792.06	789.05	791.05	793.59	798.90	794.70	793.90	790.16	ng	789.61	Dry	791.39	792.19	797.44	795.50	794.38	795.37	793.12
MW-13a	837.44	ni	ni	ni	ni	794.57	792.77	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
MW-13aR	839.02	ni	ni	ni	ni	ni	ni	ni	ni	ni	792.14	ng	ng	793.46	791.07	ng	787.50	786.84	787.47	786.52	785.90	788.54	795.44	793.83	790.44	788.51	ng	786.30	784.14	784.97	783.91	792.09	792.69	791.99	791.85	790.43
MW-13b	836.96	ni	ni	ni	ni	788.93	788.25	793.35	ng	788.92	788.24	ng	ng	789.54	787.92	ng	785.16	784.11	785.15	783.67	784.17	786.34	792.11	789.99	787.79	785.49	ng	784.11	781.79	783.65	781.89	789.96	789.45	789.08	788.55	787.58
MW-14	844.43	ni	ni	ni	ni	ni	801.87	799.91	ng	ng	796.83	ng	ng	796.07	794.71	ng	Dry	Dry	Dry	Dry	Dry	Dry	797.73	797.30	795.47	794.40	ng	Dry	Dry	Dry	Dry	795.54	795.91	794.99	794.92	794.54
MW-14b	844.39	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	789.94	791.18	791.29	791.67	793.67	796.98	796.66	794.91	793.21	ng	789.30	787.70	788.22	791.61	794.26	793.43	793.16	792.85	792.01
MW-15	834.82	ni	ni	ni	ni	ni	Dry	Dry	ng	ng	Dry	ng	ng	Dry	819.80	ng	Dry	Dry	Dry	Dry	Dry	Dry	819.78	819.79	819.78	819.77	ng	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-16	832.98	ni	ni	ni	ni	ni	804.12	Dry	ng	ng	Dry	ng	ng	Dry	Dry	ng	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	ng	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-17	841.85	ni	ni	ni	ni	ni	ni	804.44	ng	ng	801.34	ng	ng	799.60	797.96	ng	796.23	795.09	797.36	795.04	800.12	803.91	803.71	801.07	801.92	797.42	ng	796.93	794.98	798.69	798.31	801.53	799.88	800.07	800.25	797.82
MW-18	833.46	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	782.25	798.63	ng	798.93	799.48	800.16	800.06	785.16	804.45	804.24	801.71	799.73	802.32	ng	801.36	797.68	795.86	795.67	795.70	795.16	795.35	795.85	797.06
MW-19	837.20	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	807.52	807.95	806.09	807.75	807.96	808.28	807.71	808.14	807.11	ng	807.67	806.94	808.00	807.62	808.10	807.82	808.16	810.08	807.74
MW-20	800.83	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	767.77	767.72	768.41	767.82	771.39	767.74	767.67
MW-21	800.82	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	761.91	762.68	762.42	762.20	760.92
MW-A	837.96	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	808.66	ng	ng	ng	802.44	808.98	802.68	806.36	807.45	814.11	806.86	809.18	803.22	ng	804.21	799.95	806.36	805.37	814.15	809.04	809.70	810.96	806.25
MW-B	838.44	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	801.87	ng	ng	ng	799.82	805.57	800.29	801.88	805.06	811.03	804.84	805.72	801.05	ng	801.32	797.42	802.84	807.87	809.92	806.97	806.66	806.98	803.54
MW-C	838.59	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	806.09	ng	ng	ng	799.71	805.39	800.24	801.68	804.97	810.55	804.59	805.47	800.95	ng	801.16	797.35	802.71	807.59	809.81	806.77	806.48	806.87	803.24
MW-D	837.71	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	810.27	810.29	806.37	807.09	809.06	812.53	808.62	809.20	806.42	ng	806.50	803.83	808.59	813.63	814.04	811.95	810.63	811.24	809.77
OW-72	861.00	ng	ng	ng	ng	ng	ng	ng	ng	ng	783.96	784.14	787.18	782.40	784.35	ng	781.52	780.90	782.42	780.21	784.27	783.47	787.90	785.70	784.71	781.81	ng	781.21	778.44	781.27	785.42	786.59	785.80	784.86	785.21	784.29
OW-74A	800.00	ng	ng	ng	ng	ng	ng	ng	ng	ng	781.61	782.41	784.82	782.58	782.01	ng	779.61	779.58	780.85	778.35	780.50	781.62	784.67	782.47	782.26	779.18	ng	779.39	776.30	779.88	782.34	783.59	782.70	782.83	782.86	781.77
OW-72B	799.00	ng	ng	ng	ng	ng	ng	ng	ng	ng	778.45	779.49	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng
IW-1	839.26	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	798.61	797.70	ng	797.70	795.46	797.12	793.76	796.65	798.16	801.27	797.64	798.02	794.33	ng	794.99	791.90	797.29	798.71	800.71	798.82	798.41	799.55	796.86
IW-2	839.52	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	798.07	797.21	ng	797.21	794.52	796.17	792.85	796.96	ng	ng	797.28	797.41	793.04	ng	793.06	792.80	795.96	798.22	800.02	798.29	798.72	798.88	795.10
IW-3	839.36	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	796.83	795.47	ng	795.47	792.36	793.24	792.11	792.05	795.09	799.51	796.63	796.51	793.26	ng	792.03	792.43	792.89	796.98	798.48	797.08	796.81	796.92	794.50
IW-4	838.80	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	797.63	796.61	ng	796.61	794.63	795.62	792.40	794.90	796.88	800.56	796.75	797.00	793.00	792.55	793.44	791.57	795.77	797.72	799.69	797.72	798.18	798.32	795.63
IW-5	839.17	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	796.67	795.59	ng	795.59	790.97	792.05	791.05	791.05	ng	799.35	796.11	794.91	791.47	ng	791.19	791.07	791.02	Dry	799.94	798.04	798.44	796.45	793.84
IW-6	838.36	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	795.36	794.75	ng	794.75	790.36	791.48	Dry	Dry	ng	798.62	795.05	793.36	790.87	ng	Dry	Dry	Dry	Dry	796.73	795.34	794.43	794.59	793.16
IW-7	838.40	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	795.28	793.88	ng	793.88	789.90	791.09	791.09	790.27	ng	798.26	794.94	791.03	790.76	ng	790.15	790.19	790.11	794.57	796.34	795.19	794.40	794.30	ng
IW-8	838.49	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	795.46	795.10	ng	795.10	795.79	Dry	800.99	795.79	ng	798.24	795.01	Dry	Dry	ng	Dry	Dry	Dry	Dry	796.31	795.80	794.05	795.98	798.38
IW-9	838.51	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	795.23	793.60	ng	793.60	790.01	790.86	789.96	790.01	ng	798.27	794.85	792.90	790.36	ng	790.03	790.08	789.90	794.48	796.28	795.11	794.27	794.24	794.30
IW-10	838.46	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	795.18	793.77	ng	793.77	789.96	790.78	789.97	793.72	ng	798.07	794.74	792.92	790.61	ng	Dry	Dry	790.28	794.36	796.13	794.98	794.10	794.16	798.93
SMW-1	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	796.08	797.11	794.38
SMW-2	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	782.92	783.08	780.83

[a] Well casing elevations based upon August 2, 2006 survey by Long Engineering, Inc. for all monitoring wells, except OW-72A, OW-74A, and OW-74B (obtained from Jordon, Jones, and Goulding, June 2004), and MW-14b, MW-19, and MW-D (surveyed by Long Engineering, Inc., January 2008), and MW-20 and MW-21 (surveyed by Long Engineering on April 2013 and March 2014 resepectively).

[b] Water column in wells at south end of property appeared to be under pressure when well cap removed on April 21, 2010. Thus, wells in that area regauged on April 28 and all wells regauged on April 30, 2010.

[c] Water levels in these wells may have been affected by water line leaks in September 2003, and/or October 2007 and January 2008.

[d] "ng" indicates well was not gauged in this event. MW-1, 3, 4, 7, and 13a were damaged by others. Replacement wells MW-1R, 3R, 4a, 4b, 7R, and 13aR were gauged as indicated in the table. CCWS monitoring well OW-74B was paved-over following sampling in December 2004 and thus cannot be gauged. IW-2 could not be gauged in October 2009 as well cap was stuck.

[e] "ni" indicates well not installed at this time.

[f] MW-9b and MW-13b were completed in September 2003.

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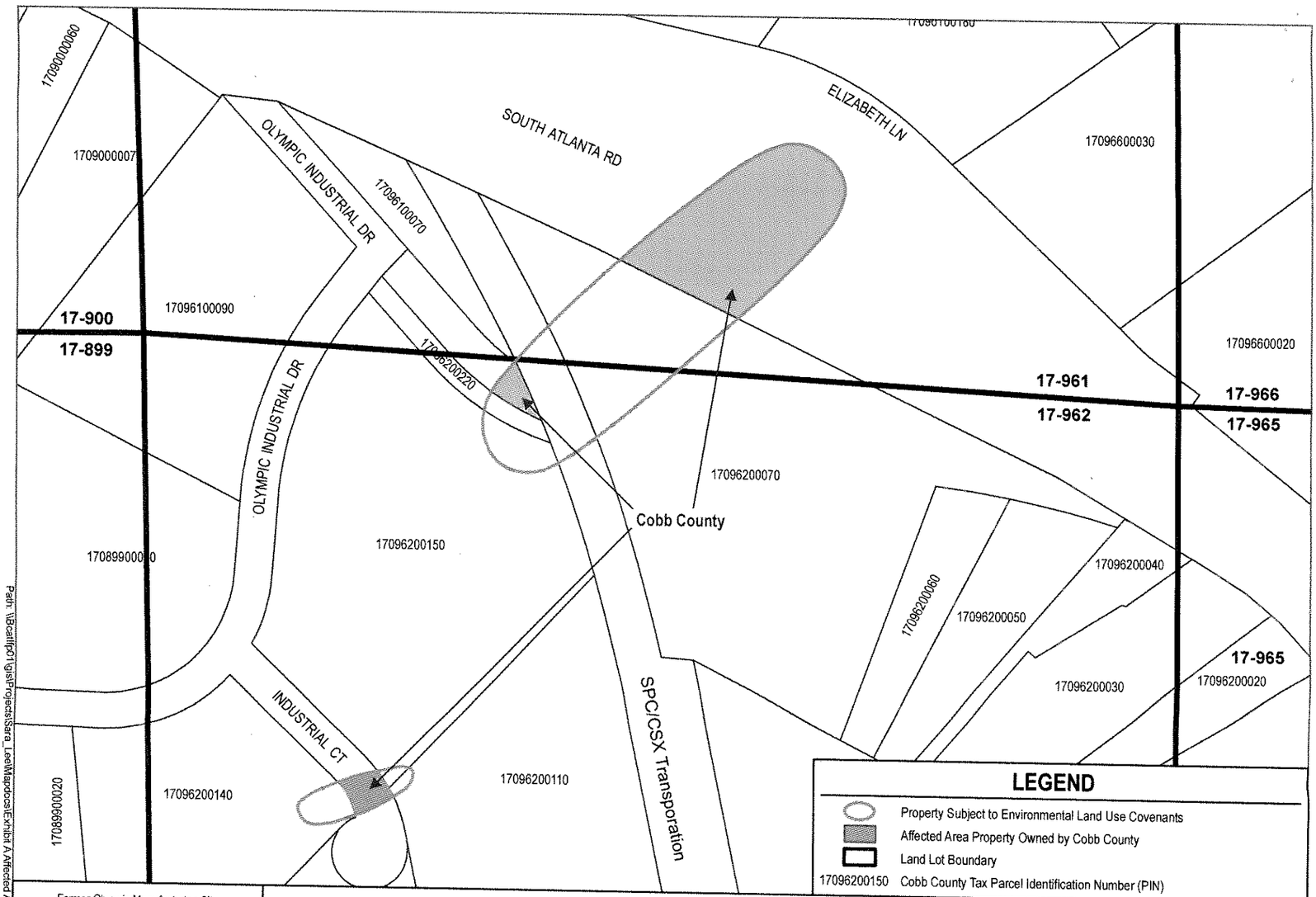

Former Olympic Manufacturing Site
3051 Olympic Industrial Drive
Smyrna, Georgia

Brown AND Caldwell

SAVED DATE:	06/26/2015
SCALE:	AS SHOWN
DRAWN BY:	GLC
CHECKED BY:	TCR
PROJECT #:	145686

Exhibit A

Affected Area Property

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

Path: \\Bcatlfp01\gis\Projects\Sara_Lee\Mapdocs\Exhibit A Affected Area Property.mxd