

QUARTERLY PROGRESS REPORT
January through March 2017
BEAZER EAST, INC.
HOCOMONCO POND SITE

A. SUMMARY OF SITE ACTIVITIES

- January and February 2017: weekly gauging and removal of DNAPL was performed from wells at the Site where measurable DNAPL occurs at a thickness greater than the threshold amount (see Section B below).
- On January 25, 2017, Arcadis, on behalf of Beazer, submitted a *Request for Modification to the Operations and Maintenance Manual for DNAPL Gauging and Recovery*, for USEPA review.
 - On February 27, 2017, USEPA approved the *Request for Modification to the Operations and Maintenance Manual for DNAPL Gauging and Recovery*, and gauging and collection activities were reduced to monthly beginning in March 2017.
- March 2017: monthly gauging and removal of DNAPL was performed in accordance with the *Request for Modification to the Operations and Maintenance Manual for DNAPL Gauging and Recovery*.
- Performed quarterly removal of DNAPL from all Site wells exhibiting a measurable DNAPL thickness of 0.3 feet or greater on March 20 and 21, 2017.
- Field notes are presented in Attachment A. There were no other activities conducted at the site except for routine maintenance activities (i.e., inspection and routine maintenance of the landfill and former lagoon caps, hazardous waste storage area inspections, pumping of the containment area, and monthly eyewash station/fire extinguisher inspections).
- On February 27, 2017, Beazer received comments from USEPA and MADEP on the draft Notice of Activity Use Limitations (NAUL) for the Site.

B. SUMMARY OF FINDINGS

- Figure 1 is a Site Location Map depicting the location of the Site.
- Figure 2 is a Site Plan that depicts the locations of the Site monitoring and recovery wells.

DNAPL Removal

- Table 1 provides a list of wells that were gauged and wells from which DNAPL was removed on a weekly basis for January and February and monthly in March. Additionally, the table presents the quantity of DNAPL removed from each well and the number of days since the last removal event for each well.

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- Table 2 shows the amount of DNAPL removed from each well on a monthly basis.
- The majority of DNAPL was removed from five wells: DRW-1, DRW-2, DRW-4, A-2, and A-4. This is consistent with historical events. In addition to these wells, DNAPL was also removed from DRW-3, BMW-6, and BRW-5. The table below depicts the total amount of DNAPL removed, the percentage of the total removed from each well, the minimum and maximum removed from each well, and the average amount removed weekly from each well.
- DNAPL was removed from all Site wells exhibiting a measurable DNAPL thickness of 0.3 feet or greater on March 20 and 21, 2017 (Table 1). DNAPL was not measured greater than 0.3 feet in wells A-6, A-10, BMW-4, BRW-4, M-11D, or M-12S at the time of this removal event.
- It has been over one year since DNAPL thickness was greater than 0.3 feet in wells A-6, A-10, BMW-4, BRW-4, M-11D and M-12S, and DNAPL has not been removed from these wells in over one year.
- The observation of DNAPL in wells is consistent with historical data.
- DNAPL recovery rates were generally consistent with the previous quarter of data collected, with the average collection rates for the fourth quarter 2016 being 10.38 gallons per week while the average for the first quarter 2017 was 10.62 gallons per week.
- DNAPL gauging and recovery indicate that the extent and thickness of DNAPL is remaining consistent within the TI Zone.

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	Total Removed (gallons)	% of Total Removed	Minimum and Maximum Removed During Period (gallons)	Average Weekly Removal During the Period* (gallons)
DRW-1	30.00	21.74	0 - 16.0	2.31
DRW-2	45.50	32.97	0 - 17.0	3.50
DRW-3	2.50	1.81	0 - 2.5	0.19
DRW-4	16.50	11.96	0 - 9.0	1.27
A-2	24.00	17.39	0 - 9.0	1.85
A-4	17.00	12.32	0 - 8.5	1.31
BMW-6	0.50	0.36	0 - 0.5	0.04
BRW-5	2.00	1.45	0 - 2.0	0.15
TOTAL	138.00	100.00	-	10.62

* Weekly averages calculated based on 13 weeks.

Groundwater Monitoring

- No groundwater monitoring activities were conducted during the first quarter of 2017.

C. PROBLEMS ENCOUNTERED

- No problems were encountered during the first quarter of 2017.

D. REPORTS SUBMITTED TO THE AGENCY

- The fourth quarterly status report for 2016 was submitted to the agencies on January 25, 2017.
- *A Request for Modification to the Operations and Maintenance Manual for DNAPL Gauging and Recovery* was submitted to the agencies on January 25, 2017.

E. PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- In accordance with approved gauging and recovery modification request, gauging and collection of DNAPL will be performed on a monthly basis in the second quarter of 2017.
- The second quarter 2017 status report will be submitted by the end of July 2017.
- Beazer is awaiting approval of the decommissioning plan submitted on date October 13, 2016. Once approval is granted, Beazer will establish a schedule for

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decommissioning activities.

- Beazer, EPA and MADEP will hold a conference call to discuss language in the NAUL. A revised version will be submitted for final approval before submitting to the Town of Westborough for comment.

Tables

Table 1
Weekly DNAPL Gauging and Removal

Hocomonco Pond Site
Westborough, Massachusetts

Well ID	Well Casing Volume	DNAPL Removal Threshold ⁽¹⁾	Depth to Bottom	January 6, 2017				January 12, 2017				January 20, 2017				January 26, 2017				Month
				Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	DNAPL Removed ⁽³⁾
				(ft)	(ft)	(gal)	(days)	(ft)	(ft)	(gal)	(days)	(ft)	(ft)	(gal)	(days)	(ft)	(ft)	(gal)	(days)	(gal)
DRW-1	2.61	4 ft	131.40	38.44	2.47*	0.00	62	38.39	3.14	0.00	68	38.39	3.36	0.00	76	38.29	5.12	16.00	82/0	16.00
DRW-2	2.61	4 ft	146.00	38.89	0.97	0.00	8	38.84	1.83	0.00	14	38.84	2.78	0.00	22	38.74	4.08	14.00	28/0	14.00
DRW-3	2.61	4 ft	97.15	31.52	0.08	0.00	62	31.56	0.09	0.00	68	31.46	0.09	0.00	76	31.39	0.09	0.00	82	0.00
DRW-4 ⁽²⁾	1.47	4 ft	132.31	39.61	0.59	0.00	8	39.59	1.01	0.00	14	39.56	1.89	0.00	22	39.67	2.68	0.00	28	0.00
A-2	1.47	4 ft	NM	NM	NM	0.00	17	NM	NM	0.00	23	NM	NM	8.00	21/0	NM	NM	0.00	6	8.00
A-4	1.47	4 ft	147.00	38.62	0.62	0.00	8	38.71	1.16	0.00	14	38.67	2.07	0.00	22	38.66	3.12	0.00	28	0.00
A-6	0.16	4 ft	147.20	36.95	0.05	0.00	>365	36.78	0.05	0.00	>365	36.52	0.05	0.00	>365	36.56	0.05	0.00	>365	0.00
A-10	1.47	4 ft	71.80	21.82	0.11*	0.00	>365	21.78	0.12	0.00	>365	21.75	0.14	0.00	>365	21.59	0.16	0.00	>365	0.00
BMW-4	2.61	4 ft	49.50	4.27	0.04	0.00	>365	4.22	0.05	0.00	>365	4.09	0.05	0.00	>365	4.04	0.05	0.00	>365	0.00
BMW-6	0.16	4 ft	71.20	13.92	1.74*	0.00	62	13.95	2.01	0.00	68	13.91	2.08	0.00	76	13.84	2.17	0.00	82	0.00
BRW-4	2.61	4 ft	72.55	10.18	0.00	0.00	>365	10.13	0.00	0.00	>365	10.18	0.00	0.00	>365	9.98	0.00	0.00	>365	0.00
BRW-5	2.61	4 ft	65.25	9.04	0.08	0.00	62	8.97	0.09	0.00	68	9.02	0.14	0.00	76	8.85	0.13*	0.00	82	0.00
M-11D	0.16	1 ft	43.65	9.38	0.03	0.00	>365	9.34	0.04	0.00	>365	9.38	0.03*	0.00	>365	9.20	0.03	0.00	>365	0.00
M-12S	0.16	1 ft	27.95	11.62	0.04	0.00	>365	11.61	0.03*	0.00	>365	11.49	0.03	0.00	>365	11.19	0.03	0.00	>365	0.00
				Total Removed		0.00		Total Removed		0.00		Total Removed		8.00		Total Removed		30.00		38.00

Well ID	Well Casing Volume	DNAPL Removal Threshold ⁽¹⁾	Depth to Bottom	February 2, 2017				February 8, 2017				February 16, 2017				February 23, 2017				Month
				Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	DNAPL Removed ⁽³⁾
				(ft)	(ft)	(gal)	(days)	(ft)	(ft)	(gal)	(days)	(ft)	(ft)	(gal)	(days)	(ft)	(ft)	(gal)	(days)	(gal)
DRW-1	2.61	4 ft	131.40	38.30	0.07	0.00	7	38.31	0.44	0.00	13	38.34	0.52	0.00	21	38.21	1.03	0.00	28	0.00
DRW-2	2.61	4 ft	146.00	38.85	0.58	0.00	7	28.70	0.97	0.00	13	38.73	2.53	0.00	21	38.62	4.01	14.50	28/0	14.50
DRW-3	2.61	4 ft	97.15	31.38	0.06*	0.00	89	31.39	0.10	0.00	95	31.48	0.19	0.00	103	31.38	0.29	0.00	110	0.00
DRW-4 ⁽²⁾	1.47	4 ft	132.31	39.45	3.01	0.00	35	39.49	3.21	0.00	41	39.47	3.76	0.00	49	39.43	4.91	9.00	56/0	9.00
A-2	1.47	4 ft	NM	NM	NM	0.00	13	NM	NM	0.00	18	NM	NM	0.00	26	NM	NM	7.00	33/0	7.00
A-4	1.47	4 ft	147.00	38.57	3.85	0.00	35	38.49	5.17	8.50	41/0	38.68	0.38	0.00	7	38.56	1.78	0.00	14	8.50
A-6	0.16	4 ft	147.20	36.65	0.05	0.00	>365	36.59	0.03*	0.00	>365	36.64	0.03	0.00	>365	36.57	0.05	0.00	>365	0.00
A-10	1.47	4 ft	71.80	21.62	0.16	0.00	>365	21.68	0.08*	0.00	>365	21.66	0.08	0.00	>365	21.60	0.09	0.00	>365	0.00
BMW-4	2.61	4 ft	49.50	4.12	0.04*	0.00	>365	4.16	0.05	0.00	>365	4.21	0.04*	0.00	>365	4.05	0.03*	0.00	>365	0.00
BMW-6	0.16	4 ft	71.20	13.85	2.16*	0.00	89	13.93	1.98*	0.00	95	13.55	2.00	0.00	103	13.84	2.01	0.00	110	0.00
BRW-4	2.61	4 ft	72.55	10.10	0.00	0.00	>365	10.21	0.00	0.00	>365	10.24	0.00	0.00	>365	10.04	0.00	0.00	>365	0.00
BRW-5	2.61	4 ft	65.25	8.98	0.13	0.00	89	9.06	0.13	0.00	95	9.13	0.17	0.00	103	8.89	0.17	0.00	110	0.00
M-11D	0.16	1 ft	43.65	9.33	0.03	0.00	>365	9.39	0.03	0.00	>365	9.47	0.03	0.00	>365	9.24	0.03	0.00	>365	0.00
M-12S	0.16	1 ft	27.95	11.34	0.03	0.00	>365	11.41	0.04	0.00	>365	11.49	0.04	0.00	>365	11.12	0.03*	0.00	>365	0.00
				Total Removed		0.00		Total Removed		8.50		Total Removed		0.00		Total Removed		30.50		39.00

Well ID	Well Casing Volume	DNAPL Removal Threshold ⁽¹⁾	Depth to Bottom	March 20 & 21, 2017** ⁽¹⁾				Month
				Depth to Water	DNAPL Thickness	DNAPL Removed ⁽³⁾	Days Since Last Removal	DNAPL Removed ⁽³⁾
				(ft)	(ft)	(gal)	(days)	(gal)
DRW-1	2.61	4 ft	131.40	38.09	3.21	14.00	53/0	14.00
DRW-2	2.61	4 ft	146.00	38.47	3.92	17.00	25/0	17.00
DRW-3	2.61	4 ft	97.15	31.23	0.48	2.50	135/0	2.50
DRW-4 ⁽²⁾	1.47	4 ft	132.31	39.21	3.06	7.50	25/0	7.50
A-2	1.47	4 ft	NM	NM	NM	9.00	25/0	9.00
A-4	1.47	4 ft	147.00	38.37	4.32	8.50	39/0	8.50
A-6	0.16	4 ft	147.20	36.35	0.03*	0.00	>365	0.00
A-10	1.47	4 ft	71.80	21.46	0.10	0.00	>365	0.00
BMW-4	2.61	4 ft	49.50	3.96	0.06	0.00	>365	0.00
BMW-6	0.16	4 ft	71.20	13.83	2.11	0.50	135/0	0.50
BRW-4	2.61	4 ft	72.55	10.07	0.00	0.00	>365	0.00
BRW-5	2.61	4 ft	65.25	8.91	0.36	2.00	135/0	2.00
M-11D	0.16	1 ft	43.65	9.25	0.03	0.00	>365	0.00
M-12S	0.16	1 ft	27.95	11.28	0.05	0.00	>365	0.00
				Total Removed		61.00		61.00

Notes:

(1) = Product removed quarterly from all wells with a measured DNAPL thickness greater than 0.3 feet.

(2) = DRW-4 installed in November 2012. DNAPL measurements began January 24, 2013.

(3) = The volume of DNAPL removed appears to be greater than the volume present in the well (well casing volume x product thickness) due to entrainment of water and emulsified product during removal.

NM = Not Measured. Well A-2 has an area within the well that, when a probe or tape is inserted, it becomes stuck and is not easily removed. As a result, this well has been pumped out periodically (approximately monthly)

without collecting water level or DNAPL thickness measurements, as there is a working pump installed in the well. In the first quarter of 2017, 24 gallons of DNAPL was removed from well A-2.

* - Measured accumulated DNAPL demonstrates a reduced amount since previous measurement. Measurements of DNAPL are interpreted by both the audible DNAPL noted by the interface probe, and by visual observations of DNAPL staining on the interface probe tape.

The slight variations in observed DNAPL thickness can be attributed to operator interpretation of the two measured data points (audible and visual). Additionally, the visual measurement may sometimes be exaggerated due to

DNAPL smearing on the tape of the interface probe while tripping tooling in/out of the well.

** - March 2017 represents the first month of the revised gauging and recovery schedule. Gauging and collection will be conducted monthly in accordance with the *Request for Modification to the Operations and Maintenance Manual for*

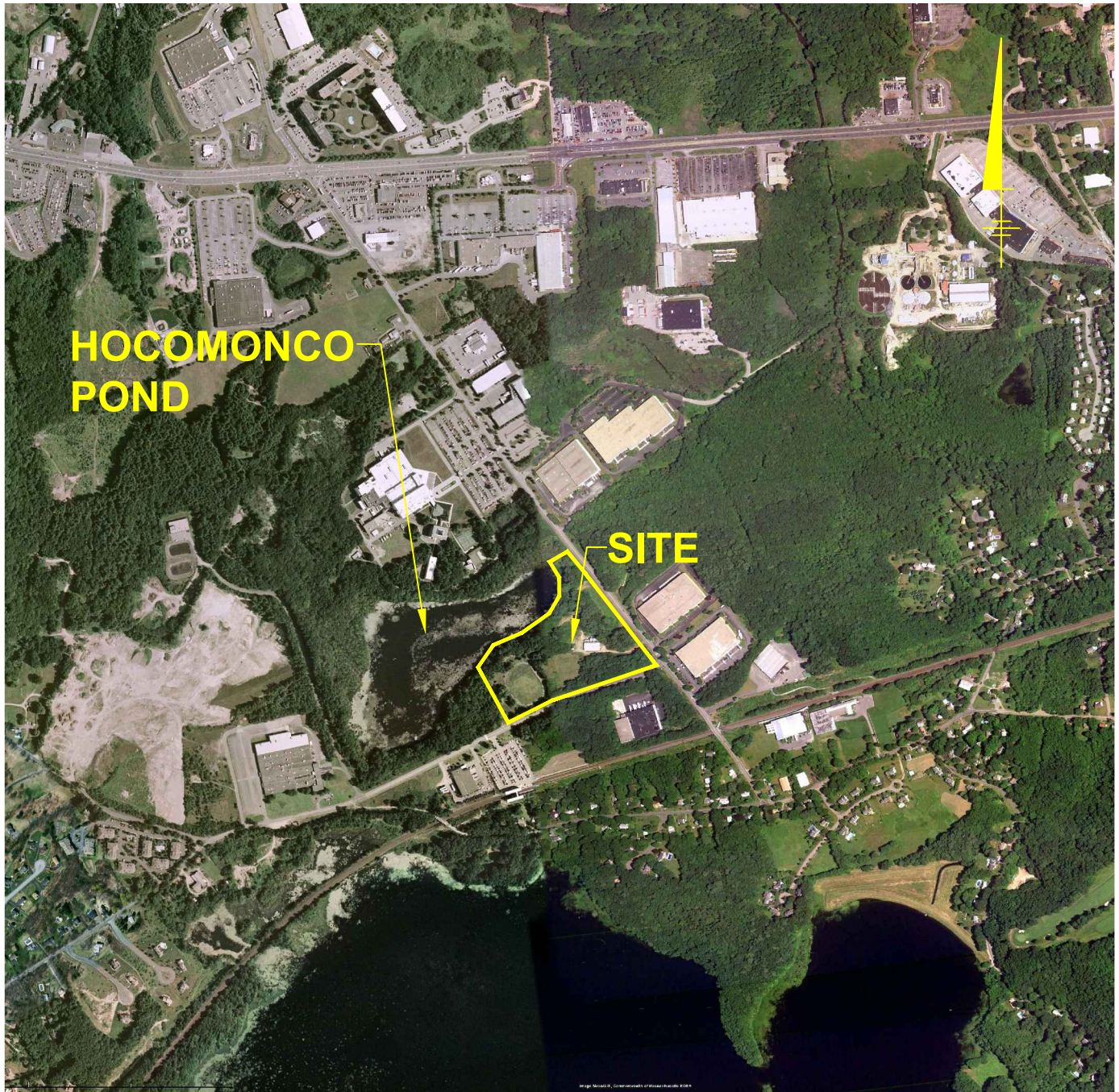
DNAPL Gauging and Recovery, approved by USEPA on February 27, 2017.

Table 2
DNAPL Removed - Monthly
January through March 2017

Hocomonco Pond Site
Westborough, Massachusetts

Well ID	January DNAPL REMOVED (gallons)	February DNAPL REMOVED (gallons)	March DNAPL REMOVED (gallons)	3-Month TOTAL DNAPL REMOVED (gallons)
DRW-1	16.00	0.00	14.00	30.00
DRW-2	14.00	14.50	17.00	45.50
DRW-3	0.00	0.00	2.50	2.50
DRW-4	0.00	9.00	7.50	16.50
A-2	8.00	7.00	9.00	24.00
A-4	0.00	8.50	8.50	17.00
A-6	0.00	0.00	0.00	0.00
A-10	0.00	0.00	0.00	0.00
BMW-4	0.00	0.00	0.00	0.00
BMW-6	0.00	0.00	0.50	0.50
BRW-4	0.00	0.00	0.00	0.00
BRW-5	0.00	0.00	2.00	2.00
M-11D	0.00	0.00	0.00	0.00
M-12S	0.00	0.00	0.00	0.00
Total DNAPL Recovered	38.00	39.00	61.00	138.00

Figures



NOTE:

1. AERIAL IMAGE FROM
GOOGLE EARTH PRO.



BEAZER EAST, INC
 HOCOMONCO POND SITE
 WESTBOROUGH, MASSACHUSETTS
 FIRST QUARTER 2017 STATUS REPORT

SITE LOCATION MAP

Attachment A
Field Notes

725 on site
810 Started to gauge
on site Recovery wells
1115 Returned Equipment
to WWTP and cleaned
1305 WEEKLY Hazwaste
Inspection
1400 OFF SITE

11/6/17

~~Adrian~~

~~Adrian~~

Moco

1/12/17

830 onsite
 846 Started to pump
 Containment Area
 901 Started to gauge
 onsite Recovery wells
 1225 monthly Eyewash Station
 inspection
 1245 monthly Fire Extinguisher
 Inspection
 1330 Fenceline Inspection
 1355 Pond Inspection
 1445 Weekly Waste Inspection
 1505 OFF Site

1/12/17

Moco

1/20/17

847 onsite
 900 Started to gauge
 onsite Recovery well
 1200 gathered Equipment
 and started A-02
 monthly Recovery
 1410 WEEKLY Haz Waste
 Inspection
 1300 OFF Site

1/20/17

Location Hoco Date 1/26/17

Project / Client _____

840 onsite

856 Gathered Equipment and
Started to gauge onsite
Recovery wells1240 Started to Recover
from DRW-01 + DRW-02because they Exceeded threshold
Limits

1515 WEEKLY Haz waste Inspection

1546 OFF Site

1/26/17

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 1/6/17

Operator: Cowlin

Weather/Site Conditions:

Overcast

20

DNAPL RECOVERY									
Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1002	131.40	3844	2.47	4ft	NP	NM	
DRW-02	2.61	1044	146.00	3889	.97	4ft	NP	NM	
DRW-03	2.61	947	97.15	3152	.08	4ft	NP	NM	
DRW-04	1.47	1016	132.31	39.61	.59	4ft	NP	NM	
A-02	1.47					4ft			
A-04	1.47	1031	147.00	38.62	.62	4ft	NP	NM	
A-06	0.16	1100	147.20	36.95	.05	4ft	NP	NM	
A-10	1.47	932	71.80	21.82	.11	4ft	NP	NM	
BMW-04	2.61	814	49.50	427	.04	4ft	NP	NM	
BMW-06	0.16	918	71.20	13.92	1.74	4ft	NP	NM	
BRW-04	2.61	902	72.55	1018	.00	4ft	NP	NM	
BRW-05	2.61	853	65.25	904	.08	4ft	NP	NM	
M-11D	0.16	841	43.65	938	.03	1ft	NP	NM	
M-12S	0.16	828	27.95	1162	.04	1ft	NP	NM	
Total DNAPL Recovered							NP		

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 1/12/17

Operator: Cowlin

Weather/Site Conditions:

Mixed 51°

DNAPL RECOVERY

Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1048	131.40	38.39	3.14	4ft	NP	NM	
DRW-02	2.61	1116	146.00	38.84	1.83	4ft	NP	NM	
DRW-03	2.61	1034	97.15	31.56	1.09	4ft	NP	NM	
DRW-04	1.47	1129	132.31	39.59	1.01	4ft	NP	NM	
A-02	1.47					4ft			
A-04	1.47	1102	147.00	38.71	1.16	4ft	NP	NM	
A-06	0.16	1144	147.20	36.78	1.05	4ft	NP	NM	
A-10	1.47	1021	71.80	21.78	1.12	4ft	NP	NM	
BMW-04	2.61	917	49.50	4.22	1.05	4ft	NP	NM	
BMW-06	0.16	1006	71.20	13.95	2.01	4ft	NP	NM	
BRW-04	2.61	951	72.55	10.13	0.0	4ft	NP	NM	
BRW-05	2.61	942	65.25	8.97	1.09	4ft	NP	NM	
M-11D	0.16	930	43.65	9.34	1.04	1ft	NP	NM	
M-12S	0.16	904	27.95	11.61	1.03	1ft	NP	NM	

Total DNAPL Recovered

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 1/20/17

Operator: Cowler

Weather/Site Conditions:

Overcast 44

DNAPL RECOVERY									
Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1135	131.40	3839	336	4ft	NP	NM	
DRW-02	2.61	1122	146.00	3884	278	4ft	NP	NM	
DRW-03	2.61	1036	97.15	3146	.09	4 ft	NP	NM	
DRW-04	1.47	1056	132.31	3956	1.89	4ft	NP	NM	
A-02	1.47	1210				4 ft	8.0		
A-04	1.47	1107	147.00	3867	2.07	4 ft	NP	NM	
A-06	0.16	1149	147.20	36.82	.05	4 ft	NP	NM	
A-10	1.47	1021	71.80	2175	.14	4 ft	NP	NM	
BMW-04	2.61	913	49.50	409	.05	4 ft	NP	NM	
BMW-06	0.16	1006	71.20	13.91	2.08	4ft	NP	NM	
BRW-04	2.61	951	72.55	1018	.00	4 ft	NP	NM	
BRW-05	2.61	938	65.25	9.02	.14	4 ft	NP	NM	
M-11D	0.16	926	43.65	9.38	.03	1 ft	NP	NM	
M-12S	0.16	901	27.95	11.49	.03	1 ft	NP	NM	
Total DNAPL Recovered							8.0		

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date:

1/26/17

Operator:

Conl.w

Weather/Site Conditions:

Mostly Cloudy 39

DNAPL RECOVERY

Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1046	131.40	3829	5.12	4ft	16.0	.01	
DRW-02	2.61	1126	146.00	3874	4.08	4ft	14.0	.03	
DRW-03	2.61	1031	97.15	3139	.09	4 ft	NP	NM	
DRW-04	1.47	1059	132.31	3967	2.68	4ft	NP	NM	
A-02	1.47					4 ft			
A-04	1.47	1113	147.00	3866	3.12	4 ft	NP	NM	
A-06	0.16	1141	147.20	3666	.05	4 ft	NP	NM	
A-10	1.47	1018	71.80	2159	.16	4 ft	NP	NM	
BMW-04	2.61	912	49.50	404	.05	4 ft	NP	NM	
BMW-06	0.16	1003	71.20	1384	2.17	4ft	NP	NM	
BRW-04	2.61	948	72.55	998	.00	4 ft	NP	NM	
BRW-05	2.61	937	65.25	885	.13	4 ft	NP	NM	
M-11D	0.16	924	43.65	920	.03	1 ft	NP	NM	
M-12S	0.16	903	27.95	1119	.03	1 ft	NP	NM	
Total DNAPL Recovered							30.0		

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM = no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

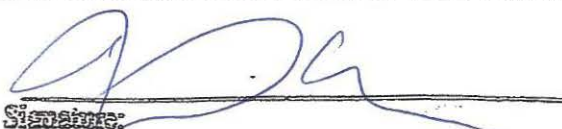
Location: <u>Former Koppers Inc.</u> Facility	Date: <u>1/6/17</u>	Time: <u>1305</u>
--	---------------------	-------------------

Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>2</u>	<u>55</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	✓		
Drums/Containers labeled	✓		
Exterior - Corrosion, Cracks, Bulges, etc.	✓		
Spill Prevention:			
Bungs, spigots, valves closed	✓		
Storage Area:			
No spills	✓		
No leaks	✓		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	✓		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Cowlin  Signature: _____



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

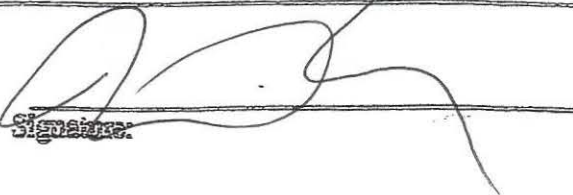
Location: <u>Former Koppers Inc.</u>	Date: <u>11/12/17</u>	Time: <u>1445</u>
Facility		

* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
2	55

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	✓		
Drums/Containers labeled	✓		
Exterior - Corrosion, Cracks, Bulges, etc.	✓		
Spill Prevention:			
Bungs, spigots, valves closed	✓		
Storage Area:			
No spills	✓		
No leaks	✓		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	✓		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Cowlin Signature: 



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u>	Date: <u>1/20/17</u>	Time: <u>1410</u>
Facility		

Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>2</u>	<u>55</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	<input checked="" type="checkbox"/>		
Drums/Containers labeled	<input checked="" type="checkbox"/>		
Exterior - Corrosion, Cracks, Bulges, etc.	<input checked="" type="checkbox"/>		
Spill Prevention:			
Bungs, spigots, valves closed	<input checked="" type="checkbox"/>		
Storage Area:			
No spills	<input checked="" type="checkbox"/>		
No leaks	<input checked="" type="checkbox"/>		
Spill control materials immediately available (absorbents, pps, booms, mats, etc.)	<input checked="" type="checkbox"/>		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Conlon

Signature: _____



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u>	Date: <u>1/26/17</u>	Time: <u>1515</u>
Facility		

Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
3	55 gal

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	✓		
Drums/Containers labeled	✓		
Exterior - Corrosion, Cracks, Bulges, etc.	✓		
Spill Prevention:			
Bungs, spigots, valves closed	✓		
Storage Area:			
No spills	✓		
No leaks	✓		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	✓		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Gwin Signature: [Signature]



Location

HOCO

Date

2/2/17

Project / Client

745 onsite
 800 Gathered Equipment and
 Started to gauge onsite
 Recovery wells
 1100 Finished gauging and
 Returned Equipment to
 WWTP Cleaned water level
 Indicator
 1215 Reroute air and
 product lines in A-02
 to prevent water level
 indicator entanglements
 1252 WEEKLY Hazwaste
 inspection
 1330 Daily Reporting and
 End of month Reporting
 for ~~JANUARY~~
 1400 OFF SITE

2/2/17

Location Hoco Date 2/8/17

Project / Client _____

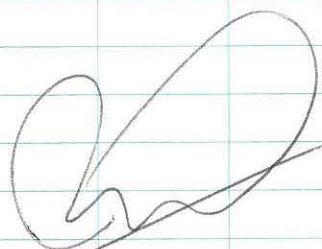
815 on site

832 Gathered Equipment and
Started to gauge onsite
Recovery wells1045 Finished gauging and
Returned Equipment to WWTP
1100 Started to Recover from
A-04 DNAPL Level Exceeded
Threshold1130 Started to Plow and
Remove Snow from Around
well Areas1345 Finished A-04 Recovery
brought Equipment Back to
WWTP

1400 weekly Haz waste Inspection

1430 OFF Site

2/8/17

Location Hoco Date 2/10/17

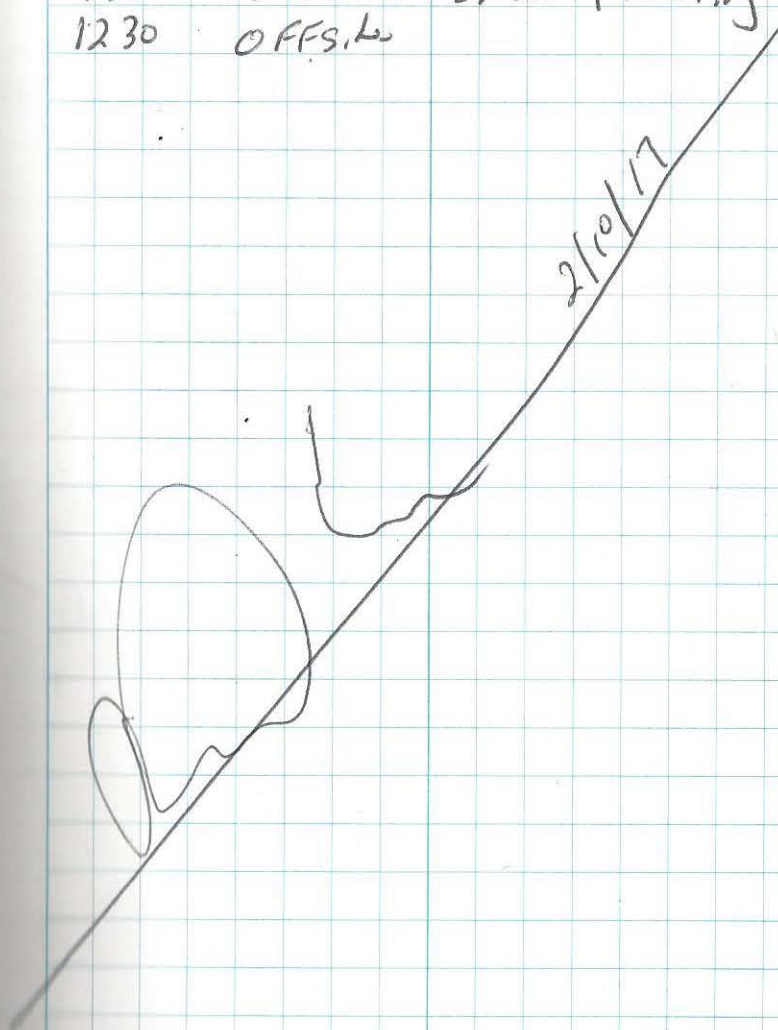
Project / Client _____

935 on site

1230 OFF site

Snow Plowing

2/10/17

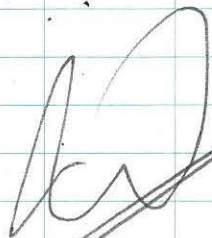


Hoco

2/16/17

830 Onsite
 842 Gathered Equipment and
 Started to gauge onsite
 Recovery well
 1114 Finished gauging and
 Returned Equipment to
 WWTP.
 1130 Started to Plow
 1325 Pond Inspection
 1403 Fence line Inspection
 1420 Hazwaste Inspection
 1450 OFF Site

2/16/17

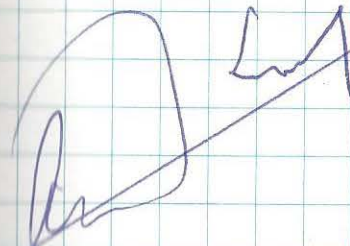


Hoco

2/23/17

836 Onsite
 840 Gathered Equipment and
 Started to gauge onsite
 Recovery wells
 1135 Finished gauging and
 Returned Equipment to WWTP
 brought out Equipment to
 do monthly Recovery of A-02
 and Recovery of DRW 2 + 4
 Because they were over Dump
 threshold levels
 1601 Finished Recovery's and
 brought back equipment to WWTP
 1632 weekly hazwaste Inspection

2/23/17



Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 2/2/17

Operator: COW/LO

Weather/Site Conditions:

Clear 3

9.33 MDA

DNAPL RECOVERY

Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	954	131.40	3830	07	4ft	NP	NM	
DRW-02	2.61	1038	146.00	3885	.58	4ft	NP	NM	
DRW-03	2.61	940	97.15	3138	.06	4ft	NP	NM	
DRW-04	1.47	1009	132.31	3945	301	4ft	NP	NM	
A-02	1.47					4ft			
A-04	1.47	1023	147.00	3857	385	4ft	NP	NM	
A-06	0.16	1053	147.20	3665	.05	4ft	NP	NM	
A-10	1.47	926	71.80	2162	.16	4ft	NP	NM	
BMW-04	2.61	818	49.50	412	.04	4ft	NP	NM	
BMW-06	0.16	911	71.20	1385	216	4ft	NP	NM	
BRW-04	2.61	855	72.55	10.10	00	4ft	NP	NM	
BRW-05	2.61	844	65.25	898	.13	4ft	NP	NM	
M-11D	0.16	831	43.65	833	.03	1ft	NP	NM	
M-12S	0.16	806	27.95	1134	.03	1ft	NP	NM	
Total DNAPL Recovered							NP		

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 2/8/17

Operator: Con. J

Weather/Site Conditions:

Overcast 32

DNAPL RECOVERY									
Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1013	131.40	3831	.44	4ft	NP	NM	
DRW-02	2.61	1055	146.00	3870	.97	4ft	NP	NM	
DRW-03	2.61	958	97.15	3139	.10	4ft	NP	NM	
DRW-04	1.47	1026	132.31	3949	.321	4ft	NP	NM	
A-02	1.47					4 ft			
A-04	1.47	1040	147.00	3849	.517	4 ft	8.5	.02	
A-06	0.16	1111	147.20	3659	.03	4 ft	NP	NM	
A-10	1.47	859	71.80	2168	.08	4 ft	NP	NM	
BMW-04	2.61	846	49.50	416	.05	4 ft	NP	NM	
BMW-06	0.16	941	71.20	1393	.198	4ft	NP	NM	
BRW-04	2.61	925	72.55	1021	.00	4 ft	NP	NM	
BRW-05	2.61	913	65.25	906	.13	4 ft	NP	NM	
M-11D	0.16	859	43.65	939	.03	1 ft	NP	NM	
M-12S	0.16	835	27.95	1141	.04	1 ft	NP	NM	
Total DNAPL Recovered							8.5		

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM = no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 2/16/17

Operator: C. W. L.

Weather/Site Conditions:

Overcast

30

DNAPL RECOVERY

Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1036	131.40	3834	.52	4ft	NP	NM	
DRW-02	2.61	1117	146.00	3873	2.53	4ft	NP	NM	
DRW-03	2.61	1022	97.15	3148	.19	4 ft	NP	NM	
DRW-04	1.47	1049	132.31	3947	376	4ft	NP	NM	
A-02	1.47					4 ft			
A-04	1.47	1104	147.00	3869	.38	4 ft	NP	NM	
A-06	0.16	1133	147.20	3664	.03	4 ft	NP	NM	
A-10	1.47	1008	71.80	2166	.08	4 ft	NP	NM	
BMW-04	2.61	903	49.50	421	.04	4 ft	NP	NM	
BMW-06	0.16	954	71.20	1355	2.00	4ft	NP	NM	
BRW-04	2.61	939	72.55	1024	.00	4 ft	NP	NM	
BRW-06	2.61	928	65.25	913	.17	4 ft	NP	NM	
M-11D	0.16	916	43.65	947	.03	1 ft	NP	NM	
M-12S	0.16	851	27.95	1149	.04	1 ft	NP	NM	

Total DNAPL Recovered

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date: 2/23/17

Operator: Cowles

Weather/Site Conditions:

Clear 52°

DNAPL RECOVERY									
Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1033	131.40	38.21	103	4ft	NP	NM	
DRW-02	2.61	1146	146.00	38.62	4.01	4ft	14.5	.03	
DRW-03	2.61	1019	97.15	31.38	29	4 ft	NP	NM	
DRW-04	1.47	1048	132.31	39.43	4.91	4ft	9.0	.02	
A-02	1.47	1155				4 ft	7.0		
A-04	1.47	1102	147.00	38.56	1.78	4 ft	NP	NM	
A-06	0.16	1131	147.20	36.57	.05	4 ft	NP	NM	
A-10	1.47	1004	71.80	21.60	.09	4 ft	NP	NM	
BMW-04	2.61	854	49.50	40.5	.03	4 ft	NP	NM	
BMW-06	0.16	951	71.20	13.84	2.01	4ft	NP	NM	
BRW-04	2.61	936	72.55	10.04	00	4 ft	NP	NM	
BRW-05	2.61	923	65.25	8.89	.17	4 ft	NP	NM	
M-11D	0.16	909	43.65	9.24	.03	1 ft	NP	NM	
M-12S	0.16	841	27.95	11.12	.03	1 ft	NP	NM	

Total DNAPL Recovered

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

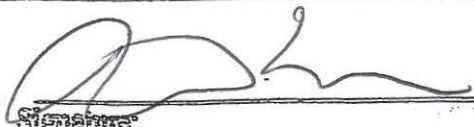
Location: <u>Former Koppers Inc.</u> Facility: <u>Hoco</u>	Date: <u>2/2/17</u>	Time: <u>1252</u>
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Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>3</u>	<u>55</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Drums/Containers labeled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Exterior - Corrosion, Cracks, Bulges, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill Prevention:			
Bungs, spigots, valves closed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Storage Area:			
No spills	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
No leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Cowley  _____
Signature:



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY


Location: <u>Former Koppers Inc.</u> Facility	Date: <u>2/8/17</u>	Time: <u>1400</u>
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* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
3	55

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	✓		
Drums/Containers labeled	✓		
Exterior - Corrosion, Cracks, Bulges, etc.	✓		
Spill Prevention:			
Bungs, spigots, valves closed	✓		
Storage Area:			
No spills	✓		
No leaks	✓		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	✓		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Cowler  Signature: _____



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

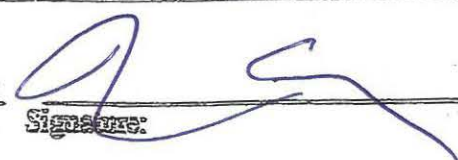
Location: <u>Former Koppers Inc.</u> Facility	Date: <u>2/16/17</u>	Time: <u>1450</u>
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* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
3	55

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	✓		
Drums/Containers labeled	✓		
Exterior - Corrosion, Cracks, Bulges, etc.	✓		
Spill Prevention:			
Bungs, spigots, valves closed	✓		
Storage Area:			
No spills	✓		
No leaks	✓		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	✓		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Conkw  Signature: _____



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u> Facility: <u>HOCO</u>	Date: <u>2/23/17</u>	Time: <u>1632</u>
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* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>3</u>	<u>55</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Drums/Containers labeled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Exterior - Corrosion, Cracks, Bulges, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill Prevention:			
Bungs, spigots, valves closed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Storage Area:			
No spills	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
No leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Cowlin

Signature: _____



Location Hoco Date 3/2/17

Project / Client _____

600 onsite
 645 weekly Hazwaste inspection
 700 OFF site

3/2/17

Luh

Location Hoco Date 3/10/17 77

Project / Client _____

938 onsite
 1000 Fence line Inspection
 1030 Pond inspection
 1045 Fire Extinguisher and
 Eye wash Station Inspection
 1100 WEEKLY Hazwaste
 Inspection
 1140 OFF site

3/10/17

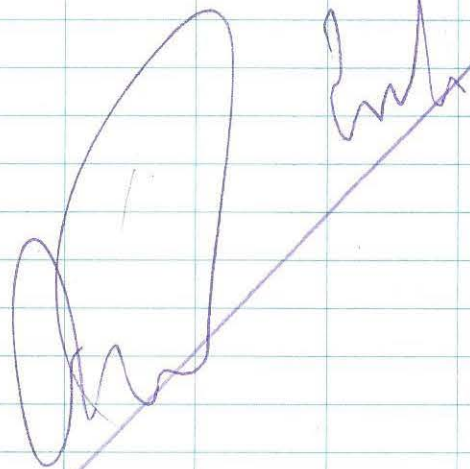
Luh

Location Moco Date 3/15/17

Project / Client _____

1015 on site
 1016 Started Plowing and
 Snow Removal from previous
 Nights Snow storm,
 1230 Finished Plowing
 1322 Finished weekly Hazwaste
 Inspection

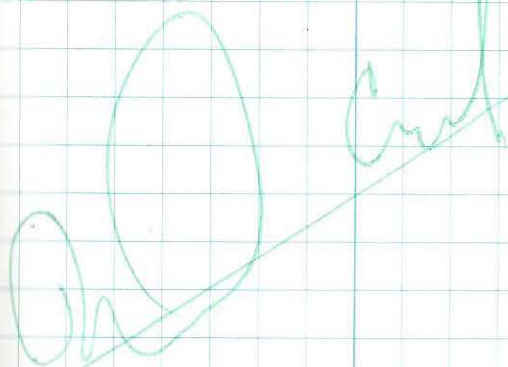
3/15/17


Location Moco Date 3/20/17

Project / Client _____

845 on site
 900 Gathered equipment
 to gauge onsite recovery
 wells
 1200 Returned gauging Equip-
 ment to WWTP
 1230 Brought Recovery Equipment
 out and started to recover
 from DRW-4, DRW-2 and
 A-04. Had problems with
 A-04 corrected and
 Finished pumping
 1745 Brought Equipment
 back to WWTP
 1800 OFF SITE

3/20/17



Hoco

3/21/17

900 onsite
 915 Gathered Equipment to
 finish quarterly Recovery and
 A-02 monthly Recovery
 935 Started recovery of
 DRW-1, DRW-3, A-02
 BMW-05 and DRW-05
 1540 Finished quarterly
 Recovery and Returned
 Equipment to WASTP
 1614 WEEKLY Hazwaste
 inspection
 1630 OFF SITE

3/21/17

Hoco

3/29/17

801 ON SITE
 822 WEEKLY Hazwaste
 Inspection
 903 OFF SITE

3/29/17

Recovery Well Gauging Form

Hoco FORM 1, Revision 3 (12/17/12)

Site: Hocomonco Pond

Date:

3/20/17 & 3/21/17

Operator:

Cowles

Weather/Site Conditions:

Clear 38

DNAPL RECOVERY									
Well ID	Volume/ft (gal)	Time	Depth to Bottom (ft)	Depth to Water (ft)	DNAPL Thickness (ft)	DNAPL Recovery Threshold	DNAPL Recovered (gal)	DNAPL Thickness After Pumping (ft)	Comments
DRW-01	2.61	1129	131.40	38.09	3.21	4ft	1400	.02	
DRW-02	2.61	1101	146.00	38.47	3.92	4ft	170	.02	
DRW-03	2.61	1142	97.15	31.23	.48	4 ft	2.5	.01	
DRW-04	1.47	1047	132.31	39.21	3.06	4ft	7.5	.01	
A-02	1.47	1352				4 ft	9.0		
A-04	1.47	1114	147.00	38.37	4.32	4 ft	8.5	.02	
A-06	0.16	1159	147.20	38.35	.03	4 ft	NP	NM	
A-10	1.47	1032	71.80	21.46	.10	4 ft	NP	NM	
BMW-04	2.61	924	49.50	39.6	.06	4 ft	NP	NM	
BMW-06	0.16	1017	71.20	13.83	.21	4ft	.50	.02	
BRW-04	2.61	9002	72.55	10.07	.00	4 ft	NP	NM	
BRW-05	2.61	950	65.25	8.91	.36	4 ft	2.0	.01	
M-11D	0.16	937	43.65	9.25	.03	1 ft	NP	NM	
M-12S	0.16	911	27.95	11.28	.05	1 ft	NP	NM	
Total DNAPL Recovered							61.0		

*DNAPL thickness (ft) is measured by reading the staining on a 200' water level meter.

*NP = no pumping NM= no measurement

ADDITIONAL COMMENTS / ACTIVITIES COMPLETED:

3/20/17 Recovered From DRW-2-4 and A-04

3/21/17 Recovered From BRW-5, BMW-5, DRW-1 AS part of monthly gauging recovery

HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u>	Date: <u>3/2/17</u>	Time: <u>645</u>
Facility: <u>HOCO</u>		

* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>3</u>	<u>55</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	<input checked="" type="checkbox"/>		
Drums/Containers labeled	<input checked="" type="checkbox"/>		
Exterior - Corrosion, Cracks, Bulges, etc.	<input checked="" type="checkbox"/>		
Spill Prevention:			
Bungs, spigots, valves closed	<input checked="" type="checkbox"/>		
Storage Area:			
No spills	<input checked="" type="checkbox"/>		
No leaks	<input checked="" type="checkbox"/>		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	<input checked="" type="checkbox"/>		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael C. Williams

Signature: [Signature]



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u>	Date: <u>3/10/17</u>	Time: <u>1106</u>
Facility		

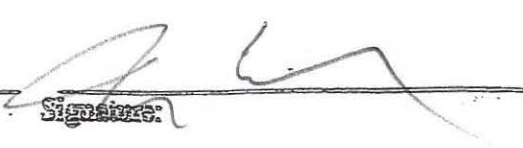
* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
3	55 gal

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	✓		
Drums/Containers labeled	✓		
Exterior - Corrosion, Cracks, Bulges, etc.	✓		
Spill Prevention:			
Bungs, spigots, valves closed	✓		
Storage Area:			
No spills	✓		
No leaks	✓		
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	✓		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Conklin

Signature: 



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u> Facility: <u>Hoco</u>	Date: <u>3/15/17</u>	Time: <u>1322</u>
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Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>3</u>	<u>55 gal</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Drums/Containers labeled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Exterior - Corrosion, Cracks, Bulges, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill Prevention:			
Bungs, spigots, valves closed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Storage Area:			
No spills	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
No leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: Michael Conlin

Signature: _____



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u> Facility: <u>Hoco</u>	Date: <u>3/21/17</u>	Time: <u>1614</u>
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Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>5</u>	<u>55 gal</u>

ITEM	OK	Not OK	OBSERVATIONS
All Drums/Containers:			
Drums/Containers sealed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Drums/Containers labeled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Exterior - Corrosion, Cracks, Bulges, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill Prevention:			
Bungs, spigots, valves closed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Storage Area:			
No spills	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
No leaks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spill control materials immediately available (absorbents, pps, booms, mats, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: _____

Signature: _____



HAZARDOUS WASTE DRUM/CONTAINER INSPECTION CHECKLIST - WEEKLY

Location: <u>Former Koppers Inc.</u>	Date: <u>3/29/17</u>	Time: <u>822</u>
Facility: <u>Hoco</u>		

* Complete each week whether waste is present or not

# OF CONTAINERS PRESENT	CAPACITY (GALLONS)
<u>5</u>	<u>55</u>

ITEM	OK	NO OK	OBSERVATIONS
<u>All Drums/Containers:</u>			
<u>Drums/Containers sealed</u>	<input checked="" type="checkbox"/>		
<u>Drums/Containers labeled</u>	<input checked="" type="checkbox"/>		
<u>Exterior - Corrosion, Cracks, Bulges, etc.</u>	<input checked="" type="checkbox"/>		
<u>Spill Prevention:</u>			
<u>Bungs, spigots, valves closed</u>	<input checked="" type="checkbox"/>		
<u>Storage Area:</u>			
<u>No spills</u>	<input checked="" type="checkbox"/>		
<u>No leaks</u>	<input checked="" type="checkbox"/>		
<u>Spill control materials immediately available (absorbents, pigs, booms, mats, etc.)</u>	<input checked="" type="checkbox"/>		

Date and Nature of Repairs or Remedial Action Taken: _____

Inspector Name: _____

Michael Conley

