Sample ID:	DES	DES	DES	DES	DES	Facility data	Facility data
	OH-017-AK02	OH-017-AK02	OH-017-AK01	OH-017-AK01	OH-017-AK01	AK-AA-01	AK-AA-01
	Crawford Str - AKAA01	Crawford Str - AKAA01	Crawford Str - AKAA01	Crawford Str - AKAA01	Crawford Str - AKAA01		
Lab ID	18062713-02	18070207-02	18070322-01	18071007-01	18071007-03		
Date:	6/26/18-6/27/18	6/29/18-6/30/18	7/02/18-7/03/18	7/05/18-7/06/18	7/08/18-7/0918	6/26/18-6/27/18	6/27/18-6/28/18
		units: ppb					
Analyte							
1,1,2-Trichloro-1,2,2-Trifluoroethane				0.1	0.1		
1,2,4-Trimethylbenzene	0.14	0.16	0.16	0.11	0.13		
1,3-Dichlorobenzene					0.2		
1,4-Dichlorobenzene					0.23		
2-Butanone		0.57	0.51				
2-Propanol							
Acetone	4.15	6.16	5.94	4.98	4.96		
Acrolein		0.59	0.5				
Benzene	0.15	0.26	0.57	0.4	1.39	0.34	0.21
Carbon disulfide							
Cabon Tetrachloride	0.11	0.1	0.1	0.13	0.13		
Chloromethane	0.94	0.69	1	0.81	0.72		
Dichlorodifluoromethane	0.47	0.5	0.55	0.58	0.57		
Ethanol	1.82	4.87	22.9	4.06	5.01		
Ethyl Acetate					0.13		
Hexane	0.1	0.17	0.32	0.14	0.14		
m,p-Xylene							
Methylene chloride				0.11			
Naphthalene							
N-Butane	0.83	0.77	1.32	0.44	0.73		
N-Pentane	0.28	0.62	1.01	0.37	0.54		
Propylene	0.75	0.75	0.93	0.39	0.67		
Toluene	0.14	0.37	0.63	0.27	0.38		
Trichlorofluoromethane	0.23	0.23	0.24	0.28	0.28		
o-Xylene			0.1				
Total m&p-xylenes			0.23				
Vinyl acetate	0.23	0.49	0.52	0.3			

Not for Public Distribution

Facility data	Facility data	Facility data	Facility data	Facility data	Facility data	Facility data	Facility data
AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01
6/28/18-6/29/18	6/29/18-6/30/18	6/30/18-7/01/18	7/01/18-7/02/18	7/02/18-7/03/18	7/03/18-7/04/18	7/04/18-7/05/18	7/05/18-7/06/18
0.92	<0.15	<0.16	<0.16	0.43	1.5	3	0.24

Not for Public Distribution

Facility data	Facility data	Facility data	Facility data	Facility data
AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01	AK-AA-01
7/06/18-7/07/18	7/07/18-7/08/18	7/08/18-7/09/18	7/11/18-7/12/18	
13.7	5.9	0.8	5	

Not for Public Distribution

Sample ID:	ALS sample	ALS sample	ALS sample	ALS sample	Facility data
	AKAA-02 6126118	AKAA-02-1807004-01	AKAA-02-1807194-01	AKAA-02-1807246-01	AK-AA-02
Date:	6/26/18-6/27/18	6/29/18-6/30/18	7/05/18-7/06/18	7/08/18-7/09/18	6/26/18-6/27/18
		units: ppb			
Analyte					
2-Butanone					
2-Propanol	1.6	1.9	2.3	1.1	
Acetone	5	5.5	5.5	4	
Benzene	1.3	4.8	ND	9.5	1.80
Carbon disulfide					
Chloromethane	0.71	0.63	0.77	0.57	
Dichlorodifluoromethane			0.54		
Hexane	0.54		1.6		
m,p-Xylene					
Methylene chloride			3.5		
Naphthalene	0.42	0.73	ND	0.76	
Propene				2.1	
Toluene		0.96		1.2	

Not for Public Distribution

Facility data	Facility data	Facility data	Facility data	Facility data	Facility data	Facility data	Facility data
AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02
6/27/18-6/28/18	6/28/18-6/29/18	6/29/18-6/30/18	6/30/18-7/01/18	7/01/18-7/02/18	7/02/18-7/03/18	7/03/18-7/04/18	7/04/18-7/05/18
0.16	7.1	4.3	10.8	2	6.3	6	1.6

Not for Public Distribution

Facility data	Facility data	Facility data	Facility data	Facility data
AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02	AK-AA-02
7/05/18-7/06/18	7/06/18-7/07/18	7/07/18-7/08/18	7/08/18-7/09/18	7/09/18-7/10/18
<0.15	0.2	1.8	0.9	0.2

Not for Public Distribution

Sample ID:	DES	DES*	DES	DES	Facility data
	OH-017-AK01	OH-017-AK01	OH-017-AK02	OH-017-AK02	AK-AA-03
	Crawford Str - AKAA03	Crawford Str - AKAA03	Crawford Str - AKAA03	Crawford Str - AKAA03	
Lab ID	18062713-01	18070207-01	18071007-02	18071007-04	
Date:	6/26/18-6/27/18	6/29/18-6/30/18	7/05/18-7/06/18	7/08/18-7/09/18	6/26/18-6/27/18
		units: ppb			
Analyte					
1,1,2-Trichloro-1,2,2-Trifluoroethane				0.1	
1,2,4-Trimethylbenzene	0.11	0.17		0.1	
2-Butanone			0.65	0.5	
2-Propanol					
Acetone	2.93	6.28	14.3	6.04	
Acrolein			0.77	0.53	
Benzene	1.24	0.24	0.14	0.4	1.00
Carbon disulfide					
Cabon Tetrachloride	0.1	0.1	0.11	0.12	
Chloromethane	0.6	0.6	0.76	0.85	
Dichlorodifluoromethane	0.47	0.5	0.51	0.58	
Ethanol	3.85	26.8	3.19	5.37	
Ethyl Acetate		0.11		0.1	
Hexane		0.27	0.14	0.21	
m,p-Xylene					
Methylene chloride		0.1		0.1	
Naphthalene					
N-Butane	0.48	1.01	0.37	0.86	
N-Pentane	0.23	0.79	0.34	0.67	
Propylene	0.55	0.57	0.49	0.65	
Toluene	0.28	0.61	0.26	0.44	
Trichlorofluoromethane	0.23	0.24	0.25	0.28	
Total m&p-xylenes		0.22			
Vinyl acetate	0.2	0.2	0.62	0.5	

* Homeowner of the property where the canister was located sprayed insecticide on a rose bush which v
located below the canister.

Not for Public Distribution

Facility data	Facility data	Facility data	Facility data	Facility data	Facility data	Facility data	Facility data
AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03
6/27/18- 6/28/18	6/28/18- 6/29/18	6/29/18- 6/30/18	6/30/18- 7/01/18	7/01/18- 7/02/18	7/02/18- 7/03/18	7/03/18- 7/04/18	7/04/18- 7/05/18
<0.16	0.26	0.17	0.17	0.20	0.26	0.68	0.31

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Not for Public Distribution

Facility data	Facility data	Facility data	Facility data	Facility data
AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03	AK-AA-03
7/05/18- 7/06/18	7/06/18- 7/07/18	7/07/18- 7/08/18	7/08/18- 7/09/18	7/09/18- 7/10/18
<0.15	0.2	0.3	0.2	1.4

Not for Public Distribution

AK Steel Middletown, Fenceline Benzene Monitoring Status and Results

Day	End Date
1	Wednesday, June 27, 2018
2	Thursday, June 28, 2018
3	Friday, June 29, 2018
4	Saturday, June 30, 2018
5	Sunday, July 1, 2018
6	Monday, July 2, 2018
7	Tuesday, July 3, 2018
8	Wednesday, July 4, 2018
9	Thursday, July 5, 2018
10	Friday, July 6, 2018
11	Saturday, July 7, 2018
12	Sunday, July 8, 2018
13	Monday, July 9, 2018
14	Tuesday, July 10, 2018
15	Thursday, July 12, 2018

Not for Public Distribution

Sample ID	Canister Number	Samples Received by MN Lab	Lab Number	Report Received
AKAA-01	0484	6/29/2018	10437711001	7/6/2018
AKAA-02	2782	6/29/2018	10437711003	7/6/2018
AKAA-03	2345	6/29/2018	10437711005	7/6/2018
AKAA-01	0666	7/2/2018	10437950001	7/6/2018
AKAA-02	0983	7/2/2018	10437950003	7/6/2018
AKAA-03	1215	7/2/2018	10437950005	7/6/2018
AKAA-01	2317	7/3/2018	10438050001	7/11/2018
AKAA-02	2036	7/3/2018	10438050003	7/11/2018
AKAA-03	2183	7/3/2018	10438050005	7/11/2018
AKAA-01	1768	7/5/2018	10438289001	7/11/2018
AKAA-02	1481	7/5/2018	10438289003	7/11/2018
AKAA-03	2689	7/5/2018	10438289005	7/11/2018
AKAA-01	2390	7/5/2018	10438289007	7/11/2018
AKAA-02	2029	7/5/2018	10438289009	7/11/2018
AKAA-03	1267	7/5/2018	10438289011	7/11/2018
AKAA-01	1281	7/5/2018	10438289013	7/11/2018
AKAA-02	2811	7/5/2018	10438289015	7/11/2018
AKAA-03	2190	7/9/2018	10438652001	7/12/2018
AKAA-01	1073	7/9/2018	10438661001	7/16/2018
AKAA-02	2356	7/9/2018	10438661003	7/16/2018
AKAA-03	0264	7/9/2018	10438661005	7/16/2018
AKAA-01	3341	7/9/2018	10438657001	7/16/2018
AKAA-02	2109	7/9/2018	10438657003	7/16/2018
AKAA-03	2698	7/9/2018	10438657005	7/16/2018
AKAA-01	1220	7/9/2018	10438657007	7/16/2018
AKAA-02	2839	7/9/2018	10438657009	7/16/2018
AKAA-03	2361	7/9/2018	10438657011	7/16/2018
AKAA-01	2062	7/10/2018	10438742001	7/16/2018
AKAA-02	2127	7/10/2018	10438742003	7/16/2018
AKAA-03	2055	7/10/2018	10438742005	7/16/2018
AKAA-01	2386	7/11/2018	10438954001	7/18/2018
AKAA-02	2021	7/11/2018	10438954003	7/18/2018
AKAA-03	1649	7/11/2018	10438954005	7/18/2018
AKAA-01	3412	7/11/2018	10438949001	7/18/2018
AKAA-02	1033	7/11/2018	10438949003	7/18/2018
AKAA-03	2665	7/11/2018	10438949005	7/18/2018
AKAA-01	1077	7/11/2018	10438957001	7/18/2018
AKAA-02	0948	7/11/2018	10438957003	7/18/2018
AKAA-03	1632	7/11/2018	10438957005	7/18/2018
AKAA-01	0971	7/12/2018	10439134001	-
AKAA-02	2801	7/12/2018	10439134003	7/16/2018
AKAA-03	2089	7/12/2018	10439134005	7/16/2018
AKAA-01	0852	7/16/2018	10439584001	7/19/2018

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Benzene Results (ug/m3)	Reporting Limit (ug/m3)	Benzene Results (ppbv)	Reporting Limit (ppbv)
1.1	0.47	0.34	0.14
5.9	0.48	1.80	0.15
3.3	0.58	1.00	0.18
0.69	0.49	0.21	0.15
0.53	0.5	0.16	0.15
<0.51	0.51	<0.16	0.16
3.0	0.64	0.92	0.20
23	0.50	7.1	0.15
0.84	0.47	0.26	0.14
<0.48	0.48	<0.15	0.15
14	0.47	4.3	0.14
0.56	0.48	0.17	0.15
<.51	0.51	<0.16	0.16
35.1	0.52	10.8	0.16
0.56	0.50	0.17	0.15
<.51	0.51	<0.16	0.16
6.5	0.52	2.0	0.16
0.66	0.51	0.20	0.16
1.4	0.48	0.43	0.15
20.4	0.47	6.3	0.15
0.84	0.47	0.26	0.14
5.0	0.49	1.5	0.15
19.6	0.50	6.0	0.15
2.2	0.49	0.68	0.15
9.6	0.47	3.0	0.14
5.2	0.47	1.6	0.14
1.0	0.48	0.31	0.15
0.78	0.49	0.24	0.15
<0.50	0.50	<0.15	0.15
<0.48	0.48	<0.15	0.15
43.8	0.48	13.5	0.15
0.71	0.47	0.22	0.14
0.54	0.48	0.17	0.15
18.7	0.49	5.80	0.15
5.7	0.48	1.80	0.15
0.88	0.48	0.27	0.15
2.7	0.47	0.83	0.14
2.9	0.48	0.89	0.15
0.68	0.47	0.21	0.14
-	-	-	-
0.64	0.49	0.20	0.15
4.6	0.48	1.4	0.15
16.1	0.47	5.00	0.14

Not for Public Distribution

Notes
Home owner sprayed insecticide on rosebush near AKAA-03.
AKAA-03 collected 7/2/18 was delayed in shipment.
Home owner sprayed insecticide on rosebush near AKAA-03.
VALVE CLOSED - DO NOT ANALYZE
Replacement for AKAA-01 on 7/12/18

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