

**Table 3**  
**Summary of 2017 CAMU Leachate Results**  
**U. S. Steel - Gary Works**  
**Gary, Indiana**

Parameter	Location ID	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02
	Sample Date	01/11/17	02/16/17	03/20/17	04/19/17	05/10/17	06/13/17	07/12/17	08/09/17	09/11/17	10/05/17	11/07/17	12/11/17	01/11/17	02/16/17	03/20/17	04/19/17	05/10/17
	Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Units																		
General Chemistry																		
Total Dissolved Solids	mg/l	1,500	1,000	1,800	1,700	2,000	1,900	1,700	1,800	1,600	1,100	1,100	1,600	1,100	750	660	650	1,000
Total Suspended Solids	mg/l	1.6	1.2 U	1.2	0.86 U	1.2	1.1	0.51 J	0.95	0.60 U	0.51 J	1.3	2.1	3.2	3.2	1.2 U	1.3	2.0
Ammonia	mg/l	12	5.0	10	9.3	11 J	15	8.8	8.0	7.6	6.1	5.5	7.5	1.5	0.95	0.83	0.92 J	1.7
Total Metals																		
Arsenic	mg/l	0.0010 J	0.0050 U	0.0050 U	0.0050 U	0.0013 J	0.0021 J	0.0014 J	0.00096 J	0.0050 U	0.0011 J	0.00095 J	0.00097 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0011 J
Barium	mg/l	0.18	0.12	0.28	0.26	0.34	0.33	0.28	0.25	0.24	0.13	0.14	0.23	0.14	0.080	0.068	0.069	0.13
Cadmium	mg/l	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.000051 J	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.000057 J	0.0020 U	0.0020 U	0.0020 U
Chromium	mg/l	0.0050 U	0.0050 U	0.00076 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium, Hexavalent	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0020 J	0.0050 U	0.0050 U	0.0050 U
Lead	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00046 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Lithium	mg/l	0.049	0.032	0.041	0.044	0.061	0.062	0.049	0.059	0.051	0.037	0.033	0.044	0.032	0.027	0.028	0.028	0.033
Mercury	mg/l	0.00011 J	0.00014 J	0.000054 J	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.000060 J	0.000094 J	0.000040 J	0.00020 U	0.00020 U
Selenium	mg/l	0.0050 U	0.0012 J	0.0050 U	0.0050 U	0.0013 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0011 J	0.0050 U	0.0050 U	0.0050 U
Silver	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Polychlorinated Biphenyls (PCBs)																		
Aroclor-1016	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Polychlorinated biphenyls, Total	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Volatile Organic Compounds (VOCs)																		
1,1,1,2-Tetrachloroethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	R	5.0 UJ	5.0 U	5.0 U	5.0 U	R	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,1,1-Trichloroethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,1,2,2-Tetrachloroethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	R	R	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,1,2-Trichloroethane	ug/l	5.0 UJ	5.0 U	R	R	R	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,1-Dichloroethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,1-Dichloroethene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2,3-Trichloropropane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,2-Dibromo-3-Chloropropane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,2-Dibromoethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,2-Dichloroethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
1,2-Dichloropropane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
2-Butanone	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	25 U	7.3 J	25 U	25 U	25 U	25 U	10 U	7.7 J	7.6 J	9.0 J	10 U
2-Chloro-1,3-butadiene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Hexanone	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
3-Chloro-1-propene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
[3-Chloropropene: Allyl chloride]																		
4-Methyl-2-pentanone	ug/l	8.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Acetone	ug/l	50 U	20 J	50 U	24 J	26 J	27 J	22 J	19 J	50 U	50 U	50 U	26 J	30 J	14 J	21	21	6.9 J
Acetonitrile	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Acrolein	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	20 U	20 U	20 U	20 U
Acrylonitrile	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	ug/l	1,200	1,400	2,300 J	2,000 J	2,200	2,600	2,100	1,700	1,600	1,600	1,300	1,500	4.3	3.6	3.8	4.2	6.7
Bromodichloromethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Bromoform	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Carbon disulfide	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon tetrachloride	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	11	13 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
cis-1,3-Dichloropropene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Dibromomethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Dichlorodifluoromethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Ethyl methacrylate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethylbenzene	ug/l	14	13	17	16	20	22	31	28	26	12	14	16	1.1 J	1.1 J	1.2 J	0.96 J	1.1 J
Iodomethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Isobutanol	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m&p-Xylene	ug/l	20	16	23	22	26	29	45	39	36	17	19	21	3.8 J	4.0 J	4.3	3.4 J	3.7 J
Methacrylonitrile	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl methacrylate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

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U. S. Steel - Gary Works  
Gary, Indiana

Parameter	Location ID	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02
	Sample Date	01/11/17	02/16/17	03/20/17	04/19/17	05/10/17	06/13/17	07/12/17	08/09/17	09/11/17	10/05/17	11/07/17	12/11/17	01/11/17	02/16/17	03/20/17	04/19/17	05/10/17
	Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	Units																	
Methylene Chloride	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	11 J	25 U	10 U	10 U	34	10 U	2.1 J
o-Xylene	ug/l	11	10	15	13	16	17	23	19	19	10	11	14	1.8 J	1.9 J	2.0	1.7 J	1.9 J
Propionitrile	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	20 U	20 U	20 U	20 U	20 U
Styrene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.6 J	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	ug/l	16	13	19	17	23	35	40	30	27	14	14	15	1.6 J	1.4 J	1.5 J	1.3 J	1.6 J
trans-1,2-Dichloroethene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,4-Dichloro-2-butene	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Trichloroethene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	ug/l	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 UJ
Vinyl acetate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl chloride	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Xylenes (total)	ug/l	31	26	38	35	42	46	68	57	55	27	30	35	5.6 J	5.9 J	6.4	5.1 J	5.6 J
Semi-volatile Organic Compounds (SVOCs)																		
1,2,4,5-Tetrachlorobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
1,3,5-Trinitrobenzene	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	20 U	10 U	10 U	11 U	11 U	10 U	10 U
1,3-Dichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
1,4-Dioxane	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
1,4-Naphthoquinone	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
1-Naphthylamine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2,4,5-Trichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2,4,6-Trichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2,4-Dichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2,4-Dimethylphenol	ug/l	19	11	26	25	32	52	45	33	22	13	13	17	24	13	9.5	12	22
2,4-Dinitrophenol	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 UJ	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
2,4-Dinitrotoluene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2,6-Dichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2,6-Dinitrotoluene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.4	2.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U
2-Acetylaminofluorene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
2-Chloronaphthalene	ug/l	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.10 U	0.10 U	0.10 U	0.12	0.20 U	0.10 U	0.10 U	0.11 U	0.11 U	0.10 U
2-Chlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2-Methylphenol	ug/l	14	5.1	10	12	13	19	14	10	9.1	7.8	6.4	7.6	11	4.9	3.2	4.3	9.4
2-Naphthylamine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
2-Nitroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	0.57 J	1.1 U	1.0 U	1.0 U
2-Nitrophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
2-Picoline	ug/l	19	5.5	11	6.0	3.7 J	7.9	4.2 J	3.6 J	4.5 J	5.0	3.8 J	5.4	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
2-sec-Butyl-4,6-dinitrophenol [Dinoseb]	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
3-Methylphenol & 4-Methylphenol	ug/l	16	8.4	24	30	40	59	57	40	29	12	11	16	25	22	19	21	29
3,3'-Dichlorobenzidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
3,3'-Dimethylbenzidine	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	26 U	25 U	25 U	25 U	50 U	25 U	25 U	27 U	26 U	25 U	25 U
3-Methylcholanthrene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
3-Nitroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4,6-Dinitro-2-methylphenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4-Aminobiphenyl	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
4-Bromophenyl phenyl ether	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4-Chloro-3-methylphenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4-Chloroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4-Chlorophenyl phenyl ether	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4-Nitroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
4-Nitrophenol	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
4-Nitroquinoline-1-oxide	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
5-Nitro-o-toluidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
7,12-Dimethylbenz(a)anthracene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Acetophenone	ug/l	2.3	1.0 U	2.7	3.3	3.3	1.0 U	1.1 U	1.0 U	1.0 U	1.4	1.6 J	1.0 U	5.5	14	13	16	12
Aniline	ug/l	18	1.8	3.1	4.4	3.8	6.7	5.1	1.0 U	2.8	2.9	2.9	3.6	1.0 U	1.1 U	1.1 U	1.0 U	1.0

Table 3  
Summary of 2017 CAMU Leachate Results  
U. S. Steel - Gary Works  
Gary, Indiana

Parameter	Location ID	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-01	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02
	Sample Date	01/11/17	02/16/17	03/20/17	04/19/17	05/10/17	06/13/17	07/12/17	08/09/17	09/11/17	10/05/17	11/07/17	12/11/17	01/11/17	02/16/17	03/20/17	04/19/17	05/10/17
	Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	Units																	
Aramite	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Benzyl alcohol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	27	11	3.1	1.7	4.6
bis(2-Chloroethoxy)methane	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
bis(2-Chloroethyl)ether	ug/l	26	1.0 U	4.6	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Butyl benzyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Carbazole	ug/l	66	74	82	73	89	89	89	97	96	67	81	80 J	35	32	29	31	29
Chlorobenzilate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Diallate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Dibenzofuran	ug/l	80	83	94	93	100	120	120	130	130	92	94	85 J	47	41	40	46	40
Diethyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Dimethyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Di-n-butyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Di-n-octyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Diphenylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Ethyl methanesulfonate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Hexachlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Hexachlorobutadiene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Hexachlorocyclopentadiene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Hexachloroethane	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Hexachlorophene	ug/l	80 U	80 U	80 U	80 U	80 U	80 U	84 U	80 U	80 U	80 U	160 U	80 U	80 U	85 U	84 U	80 U	80 U
Hexachloropropene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Isophorone	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	0.60 J	5.0 U	5.0 U
Isosafrole	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
m-Dinitrobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
[1,3-Dinitrobenzene]																		
Methapyrilene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Methyl methanesulfonate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Nitrobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
N-Nitrosodiethylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
N-Nitrosodimethylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
N-Nitrosodi-n-butylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
N-Nitrosodi-n-propylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
N-Nitrosodiphenylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
N-Nitrosomethylethylamine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
N-Nitrosomorpholine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
N-Nitrosopiperidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
N-Nitrosopyrrolidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
o-Toluidine	ug/l	2.4 J	5.0 U	1.6 J	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	22	20	11	11
p-Dimethylaminoazobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Pentachlorobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Pentachloroethane	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.1 U	1.1 U	1.0 U	1.0 U
Pentachloronitrobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Pentachlorophenol	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Phenacetin	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Phenol	ug/l	18	7.2	22	28	35	57	51	32	24	8.0	8.4	11	33	22	34	37	30
Pronamide	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Pyridine	ug/l	1.9 J	10 U	1.1 J	1.4 J	1.4 J	3.1 J	11 U	10 U	10 U	5.0 U	20 U	0.76 J	10 U	11 U	11 U	10 U	10 U
Quinoline	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Safrole	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.3 U	5.3 U	5.0 U	5.0 U
Polynuclear Aromatic Hydrocarbons (PAHs)																		
2-Methylnaphthalene	ug/l	100	64	89	72	89	110	150	190	180	61	50	120	46 J	40	53	52	54
Acenaphthene	ug/l	230	200	300	230	300	300	350	350	390	210	200	400	85 J	61	74	81	87
Acenaphthylene	ug/l	17	16	24	22	20	20	22	22	22	14	14	30	11 J	8.8	9.8	16	10
Anthracene	ug/l	5.0	3.2	4.2	3.6	10	7.4	7.4	7.2	7.6	7.4	3.2	6.8	1.3 J	1.4	1.5	1.6	1.7
Benzo(a)anthracene	ug/l	0.025 U	0.025 U	0.049	0.053	0.048	0.025 U	0.15	0.15	0.066 J	0.11	0.050	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Benzo(a)pyrene	ug/l	0.025 U	0.025 U	0.014 J	0.025 U	0.014 J	0.025 U	0.025 U	0.026 U	0.016 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Benzo(b)fluoranthene	ug/l	0.025 U	0.025 U	0.020 J	0.025 U	0.016 J	0.025 U	0.021 J	0.026 U	0.030	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Benzo(g,h,i)perylene	ug/l	0.040 U	0.040 U	0.040 U	0.040 U	0.017 J	0.040 U	0.040 U	0.042 U	0.041	0.040 U	0.025 U	0.040 U	0.040 U	0.040 U	0.043 U	0.040 U	0.040 U
Benzo(k)fluoranthene	ug/l	0.025 U	0.025 U	0.014 J	0.025 U	0.013 J	0.025 U	0.025 U	0.026 U	0.015 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Chrysene	ug/l	0.025 U	0.025 U	0.028	0.017 J	0.025	0.025 U	0.035	0.048	0.063	0.077	0.022 J	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Dibenz(a,h)anthracene	ug/l	0.025 U	0.025 U	0.025 U	0.025 U	0.023 J	0.025 U	0.025 U	0.026 U	0.013 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Fluoranthene	ug/l	0.36	1.6	2.5	1.9	2.2	3.1	3.7	4.1	3.5 J	4.8	1.9	3.0	0.20 J	0.23	0.24	0.26	0.27
Fluorene	ug/l	73	72	100	71	99	110	130	120	130	79	67	140	28 J	22	26	25	29
Indeno(1,2,3-cd)pyrene	ug/l	0.025 U	0.025 U	0.015 J	0.025 U	0.019 J	0.025 U	0.025 U	0.026 U	0.017 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Naphthalene	ug/l	1,000	1,100	1,100	820	1,200	1,200	1,600	1,600	1,700	680	620	1,400	270 J	220	270	310	340
Phenanthrene	ug/l	14	17	27	19	20	49	44	43	46 J	31	20	37	7.8 J	7.4	7.9	8.2	9.7
Pyrene	ug/l	0.21	0.80	1.3	1.0	1.2	1.4	1.8	2.2	2.0	24	1.1	1.9</					

Table 3  
Summary of 2017 CAMU Leachate Results  
U. S. Steel - Gary Works  
Gary, Indiana

Parameter	Location ID	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02
	Sample Date	06/13/17	07/12/17	08/09/17	09/11/17	10/5/17	11/7/2017	12/11/17
	Sample Type	N	N	N	N	N	N	N
	Units							
General Chemistry								
Total Dissolved Solids	mg/l	1,100	700	1,200	1,400	1,200	1,100	1,500
Total Suspended Solids	mg/l	2.9	0.90	1.0	0.80	0.90	1.0	1.9
Ammonia	mg/l	1.8	0.97	2.1	2.3	2.6	2.6	2.6
Total Metals								
Arsenic	mg/l	0.0050 U	0.0012 J	0.0050 U	0.0050 U	0.0011 J	0.0050 U	0.0050 U
Barium	mg/l	0.13	0.067	0.15	0.14	0.14	0.13	0.17
Cadmium	mg/l	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
Chromium	mg/l	0.00086 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium, Hexavalent	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Lead	mg/l	0.0050 U	0.0050 U	0.00064 J	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Lithium	mg/l	0.024	0.032	0.031	0.027	0.031	0.026	0.032
Mercury	mg/l	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Selenium	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Silver	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Polychlorinated Biphenyls (PCBs)								
Aroclor-1016	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1221	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1232	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1242	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1248	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1254	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1260	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Polychlorinated biphenyls, Total	ug/l	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Volatile Organic Compounds (VOCs)								
1,1,1,2-Tetrachloroethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,1,1-Trichloroethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,1,2,2-Tetrachloroethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,1,2-Trichloroethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,1-Dichloroethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,1-Dichloroethene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2,3-Trichloropropane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,2-Dibromo-3-Chloropropane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,2-Dibromoethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,2-Dichloroethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
1,2-Dichloropropane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
2-Butanone	ug/l	10 U	6.6 J	10 U	10 U	3.0 J	10 U	6.0 J
2-Chloro-1,3-butadiene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Hexanone	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
3-Chloro-1-propene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
[3-Chloropropene: Allyl chloride]								
4-Methyl-2-pentanone	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Acetone	ug/l	9.0 J	21	8.3 J	20 U	8.7 J	8.6 J	24
Acetonitrile	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Acrolein	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acrylonitrile	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	ug/l	5.3	5.0	4.3	6.8	9.6	6.8	6.0
Bromodichloromethane	ug/l	2.0 UJ	2.5	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Bromoform	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Carbon disulfide	ug/l	2.0 U	1.4 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon tetrachloride	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	ug/l	2.0 U	26	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
cis-1,3-Dichloropropene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Dibromomethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Dichlorodifluoromethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Ethyl methacrylate	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethylbenzene	ug/l	1.2 J	1.3 J	1.2 J	1.3 J	2.9	1.3 J	1.3 J
Iodomethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Isobutanol	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m&p-Xylene	ug/l	3.9 J	4.5	4.2	5.1	10	4.8	4.7
Methacrylonitrile	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl methacrylate	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Table 3  
Summary of 2017 CAMU Leachate Results  
U. S. Steel - Gary Works  
Gary, Indiana

Parameter	Location ID	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02
	Sample Date	06/13/17	07/12/17	08/09/17	09/11/17	10/5/17	11/7/2017	12/11/17
	Sample Type	N	N	N	N	N	N	N
	Units							
Methylene Chloride	ug/l	1.9 J	10 U	10 U	10 U	10 U	10 U	10 U
o-Xylene	ug/l	2.1	2.4	2.0	2.5	4.4	2.3	2.3
Propionitrile	ug/l	20 U	20 U	20 U	20 U	20 U	2.0 U	20 U
Styrene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.68 J	2.0 U
Tetrachloroethene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	ug/l	1.8 J	1.7 J	1.8 J	2.4	4.5	2.1	2.2
trans-1,2-Dichloroethene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,4-Dichloro-2-butene	ug/l	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Trichloroethene	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	ug/l	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Vinyl acetate	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl chloride	ug/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Xylenes (total)	ug/l	6.0 J	6.9	6.2	7.6	14	7.0	7.0
Semi-volatile Organic Compounds (SVOCs)								
1,2,4,5-Tetrachlorobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
1,2,4-Trichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,2-Dichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,3,5-Trinitrobenzene	ug/l	10 U	10 U	10 U	10 U	10 U	20 U	10 U
1,3-Dichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,4-Dichlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
1,4-Dioxane	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
1,4-Naphthoquinone	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
1-Naphthylamine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
2,3,4,6-Tetrachlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2,4,5-Trichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2,4,6-Trichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2,4-Dichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2,4-Dimethylphenol	ug/l	25	10	21	14	17	30	21
2,4-Dinitrophenol	ug/l	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	10 U	5.0 U
2,4-Dinitrotoluene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2,6-Dichlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2,6-Dinitrotoluene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2-Acetylaminofluorene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
2-Chloronaphthalene	ug/l	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.20 U	0.10 U
2-Chlorophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2-Methylphenol	ug/l	11	5.1	8.0	5.3	5.1	12	7.8
2-Naphthylamine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
2-Nitroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2-Nitrophenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
2-Picoline	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
2-sec-Butyl-4,6-dinitrophenol [Dinoseb]	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
3-Methylphenol & 4-Methylphenol	ug/l	27	21	13	8.1	8.4	22	18
3,3'-Dichlorobenzidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
3,3'-Dimethylbenzidine	ug/l	25 U	25 U	25 U	25 U	25 U	50 U	25 U
3-Methylcholanthrene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
3-Nitroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4,6-Dinitro-2-methylphenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4-Aminobiphenyl	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
4-Bromophenyl phenyl ether	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4-Chloro-3-methylphenol	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4-Chloroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4-Chlorophenyl phenyl ether	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4-Nitroaniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
4-Nitrophenol	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
4-Nitroquinoline-1-oxide	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
5-Nitro-o-toluidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
7,12-Dimethylbenz(a)anthracene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Acetophenone	ug/l	10	12	11	7.1	5.5	4.3	3.1
Aniline	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0.75 J

Table 3  
Summary of 2017 CAMU Leachate Results  
U. S. Steel - Gary Works  
Gary, Indiana

Parameter	Location ID	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02	LCS-02
	Sample Date	06/13/17	07/12/17	08/09/17	09/11/17	10/5/17	11/7/2017	12/11/17
	Sample Type	N	N	N	N	N	N	N
	Units							
Aramite	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Benzyl alcohol	ug/l	7.8	1.0 U	16	7.8	8.2	14	6.9
bis(2-Chloroethoxy)methane	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
bis(2-Chloroethyl)ether	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
bis(2-Ethylhexyl)phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Butyl benzyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Carbazole	ug/l	35	27	33	29	32	38	24
Chlorobenzilate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Diallate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Dibenzofuran	ug/l	46	29	44	40	41	47	32
Diethyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Dimethyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Di-n-butyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Di-n-octyl phthalate	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Diphenylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Ethyl methanesulfonate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Hexachlorobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Hexachlorobutadiene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Hexachlorocyclopentadiene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Hexachloroethane	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Hexachlorophene	ug/l	80 U	80 U	80 U	80 U	80 U	160 U	80 U
Hexachloropropene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Isophorone	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Isosafrole	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
m-Dinitrobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
[1,3-Dinitrobenzene]								
Methapyrilene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Methyl methanesulfonate	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Nitrobenzene	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
N-Nitrosodiethylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
N-Nitrosodimethylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
N-Nitrosodi-n-butylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
N-Nitrosodi-n-propylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
N-Nitrosodiphenylamine	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
N-Nitrosomethylethylamine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
N-Nitrosomorpholine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
N-Nitrosopiperidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
N-Nitrosopyrrolidine	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
o-Toluidine	ug/l	5.0 U	5.0 U	9.4	7.2	5.0	10 U	5.0 U
p-Dimethylaminoazobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Pentachlorobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Pentachloroethane	ug/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U
Pentachloronitrobenzene	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Pentachlorophenol	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Phenacetin	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Phenol	ug/l	43	13	33	26	22	22	20
Pronamide	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Pyridine	ug/l	10 U	10 U	10 U	10 U	10 U	20 U	10 U
Quinoline	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Safrole	ug/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Polynuclear Aromatic Hydrocarbons (PAHs)								
2-Methylnaphthalene	ug/l	48	43	67	42	54	45 J	53 J
Acenaphthene	ug/l	84	78	97	77	88	87 J	91 J
Acenaphthylene	ug/l	13	11	14	10	12	12 J	12 J
Anthracene	ug/l	0.025 U	1.4	1.9	1.4	1.4	1.3 J	1.5 J
Benzo(a)anthracene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.016 J	0.025 U
Benzo(a)pyrene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.014 J	0.025 U
Benzo(b)fluoranthene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.015 J	0.025 U
Benzo(g,h,i)perylene	ug/l	0.040 U	0.042 U	0.043 U	0.040 U	0.040 U	0.040 U	0.040 U
Benzo(k)fluoranthene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.014 J	0.025 U
Chrysene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.0078 J	0.025 U
Dibenz(a,h)anthracene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.016 J	0.025 U
Fluoranthene	ug/l	0.30	0.24	0.32	0.22	0.23	0.25 J	0.27 J
Fluorene	ug/l	28	22	32	26	31	28 J	32 J
Indeno(1,2,3-cd)pyrene	ug/l	0.025 U	0.026 U	0.027 U	0.025 U	0.025 U	0.012 J	0.025 U
Naphthalene	ug/l	300	420	370	250	300	340 J	300 J
Phenanthrene	ug/l	12	6.9	10	9.2	12	9.3 J	10 J
Pyrene	ug/l	0.12	0.10	0.13	0.11	0.11	0.11 J	0.13 J

Table 3  
Summary of 2017 CAMU Leachate Results  
U. S. Steel - Gary Works  
Gary, Indiana

**Notes:**  
mg/l - milligrams per liter  
N - Normal Sample  
ug/l - micrograms per liter  
J indicates the chemical result is estimated, detected above the method detection limit but below the reporting limit.  
R indicates the result was rejected  
U indicates the chemical was not detected. The value presented is the reporting limit.  
UJ indicates the chemical was not detected at or above the sample reporting limit.  
**Bold** - Indicates the sample result is a detect