COPY

TDD Number 8306-20
EPA Number M-02

SAMPLE LOG
Priority Pollutants

Site Name M-02

TRAFFIC REPORTS Organic	Inorganic	High Hazard	SAMPLING LOCATION	PHASE	SAMPLE DESCRIPTION	DATE	TIME	pH	COMMENTS/OBSERVATIONS	LABORATORY
C3705	MC1208		M-02-01	solid	Facility - N side	6/21/83	1050		ORIGINAL (Red)	Mead/Versar
C3706	MC1209		M-02-02		Facility - N side		1120			
C3736	MC1210		M-02-03		Facility - N side		1145			
C3737	MC1211		M-02-04		Facility - S side		1212			
C3738	MC1212		M-02-05		Facility - N side		1244			
C3739	MC1213		M-02-06		Facility - N side		1309			
C3740	MC0939		M-02-07		Facility - N side		1329			
C3741	MC0982		M-02-09		Facility - S side		1536			
C3742	MC0984		M-02-10				1555			
C3743	MC1001		M-02-12				1635			
C3744	MC1002		M-02-13				1651			
C3745	MC1003		M-02-14				1715			
C3746	MC1004		M-02-15		Blank		1300			

SDMS DocID 2205019

TDD Number F3-8306-20

EPA Number MD-17

ORIGINAL (Red)

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ ~~Organic~~ ☐ Inorganic

Site Name Fmc, Baltimore

Date of Sample 6-21-83

ORIGINAL (Red)

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	2,3,7,8-TCDD	Detection Limit													Remarks
M-02-01	Facility, North Side	SOL	ppb	ND	0.63													
M-02-02	Facility, North Side	SOL	ppb	ND	0.22													
M-02-03	Facility, North Side	SOL	ppb	ND	0.20													
M-02-04	Facility, South Side	SOL	ppb	ND	0.21													
M-02-05	Facility, North Side	SOL	ppb	ND	0.06													
M-02-06	Facility, North Side	SOL	ppb	ND	0.15													
M-02-07	Facility, North Side	SOL	ppb	ND	0.19													
M-02-08	Facility, North Side	AQ	ppb	ND	0.039													
M-02-09	Facility, South Side	SOL	ppb	ND	0.47													
M-02-10	Facility, South Side	SOL	ppb	ND	0.14													
M-02-12	Facility, South Side	SOL	ppb	ND	0.69													
M-02-13	Facility, South Side	SOL	ppb	ND	*													* Re-extracted and reanalyzed due to interferences
M-02-14	Facility, South Side	SOL	ppb	ND	0.46													

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

TDD Number F3-8306-20

EPA Number

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☒ Inorganic

Site Name FMC

Date of Sample 6-20-83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Aluminum	Barium	Beryllium	Boron	Chromium	Cobalt	Copper	Iron	Manganese	Nickel	Silver	Vanadium	Zinc	Remarks
MC 0939	M-02-07	SOL	mg/Kg	4740	45	<2.5	<5	10	5	65	7960	273	12	<.5	30	73	
MC0982	M-02-09	SOL	mg/Kg	4780	25	.25	<5	16	5	290	12900	84	18	<.5	20	24	
MC0984	M-02-10	SOL	mg/Kg	1950	20	<.25	<5	[illegible]	<2.[illegible]	115	5920	93	6	<.5	20	35.5	
MC 1001	M-02-12	SOL	mg/Kg	2740	25	.25	<5	73	2.5	25	9250	95.2	6	<.5	20	47	
MC 1002	M-02-13	SOL	mg/Kg	2640	570	.5	15	140	12.5	343	32700	417	30	<.5	30	400	
MC 1003	M-02-14	SOL	mg/Kg	2930	30	<.25	<5	11	2.5	25	6540	135	4	<.5	10	56.5	
MC1004	M-02-15	SOL	mg/Kg	<10	<5	<.25	<5	<.5	<2.5	<2.5	<2.5	<.75	<2	<.5	<10	<.5	
MC 1208	M-02-01	SOL	mg/Kg	2350	150	.25	<5	[illegible]5	<2[illegible]	80	3750	250	10	<.5	40	349	
MC 1209	M-02-02	SOL	mg/Kg	2650	35	<.25	<5	9	2.5	17.5	6700	94.5	2	<.5	20	19	
MC 1210	M-02-03	SOL	mg/Kg	3090	45	.25	<5	10	5.	20	6940	250	4	<.5	10	26	
MC 1211	M-02-04	SOL	mg/Kg	1820	100	.25	10	14	5	252	21200	253	12	<.5	20	191	
MC 1212	M-02-05	SOL	mg/Kg	3790	30	<.25	<5	8.5	5	10	8420	101	4	<.5	20	14	
MC 1213	M-02-06	SOL	mg/Kg	3410	45	.25	<5	18	7.5	50	11600	235	10	<.5	20	191	

ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

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TDD Number F3-8306-20

EPA Number

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☒ Inorganic

Site Name FMC

Date of Sample 6-20-83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Antimony	Arsenic	Cadmium	Lead	Mercury	Selenium	Thallium	Tin	Cyanide					Remarks
MC 0939	M-02-07	SOL	mg/Kg	<1	3.5	0.35	200 (4)	<0.1	0.1	<0.5		<0.5					
MC 0982	M-02-09	SOL	mg/Kg	<1	2.5	0.1	20. (4)	<0.1	0.1	<0.5		<0.5					
MC 0984	M-02-10	SOL	mg/Kg	<1	2.5	0.1	25 (4)	<0.1	[illegible]	<0.5		<0.5					
MC 1001	M-02-12	SOL	mg/Kg	<1.	2.5	.25	175 (4)	<0.1	0.1	<0.5		<0.5					
MC 1002	M-02-13	SOL	mg/Kg	4	4	5 (4)	1400 (5)	4.5	0.2	<0.5	2 "c"	<0.5					
MC 1003	M-02-14	SOL	mg/Kg	<1	1.5	0.15	40 (4)	<0.1	0.2	<0.5		<0.5					
MC 1004	M-02-15	SOL	mg/Kg	<1	<0.5	<.05	<0.25	<0.1	<0.1	<0.5		<0.5					
MC 1208	M-02-01	SOL	mg/Kg	<1	2.5	0.6 (4)	500 (5)	[illegible]	[illegible]	<0.5	4 "c"	<0.5					
MC 1209	M-02-02	SOL	mg/Kg	<1	3	.05	30 (4)	<0.1	0.1	<0.5		<0.5					
MC 1210	M-02-03	SOL	mg/Kg	<1	3	0.1	35 (4)	<0.1	0.1	<0.5		<0.5					
MC 1211	M-02-04	SOL	mg/Kg	2	14 (4)	0.5	500	0.3 "s"	0.3	<0.5	2 "c"	0.5					
MC 1212	M-02-05	SOL	mg/Kg	<1	1.5	0.05	15 (4)	<0.1	<0.1	<0.5		<0.5					
MC 1213	M-02-06	SOL	mg/Kg	<1	3	1.4	150 (4)	2.0	0.2	<0.5		<0.5					
																	ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

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TDD Number F3-8306-20

EPA Number

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ Organic ☐ Inorganic

Site Name EMC

Date of Sample 6-20-83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	2-Nitrophenol	Acenaphthene	1,2,4-Trichlorobenzene	1,2-dichlorobenzene	1,4-dichlorobenzene	fluoranthene	Naphthalene	Bis(2)phthalate	Butyl benzyl phthalate	Di-n-butyl phthalate	Benzo (A) anthracene	Benzo (A) pyrene	Benzo(B)fluoranthene	Remarks
C3705	M-02-01	SOL	ug/Kg						640					LT		LT	
C3706	M-02-02	SOL	ug/Kg						LT		950	LT	LT				
C3736	M-02-03	SOL	ug/Kg		560				19,000 Q					19000	7500	12000	
C3737	M-02-04	SOL	ug/Kg						11,000					LT	LT	LT	
C3738	M-02-05	SOL	ug/Kg														
C3739	M-02-06	SOL	ug/Kg		430				5100	LT				2400	1600	2500	
C3740	M-02-07	SOL	ug/Kg		460				6,800	680				4200	3400	5700	
C3741	M-02-09	SOL	ug/Kg														
C3742	M-02-10	SOL	ug/Kg	LT					440					LT		LT	
C3743	M-02-12	SOL	ug/Kg			520	LT	560									
C3744	M-02-13	SOL	ug/Kg			8400		6400									
C3745	M-02-14	SOL	ug/Kg						1800					840		1400	
C3746	M-02-15	SOL	ug/Kg														ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

TDD Number F3-8306-20

EPA Number

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ Organic ☐ Inorganic

Site Name EMC

Date of Sample 6-20-83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Benzo(k)fluoranthene	Chrysene	Acenaphthylene	Anthracene	Benzo(ghi)perylene	Fluorene	Phenanthrene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Pyrene	Dibenzofuran	Acrylonitrile	Benzene	Remarks
C3705	M-02-01	SOL	ug/Kg	LT	LT					LT			560				
C3706	M-02-02	SOL	ug/Kg		LT					LT			LT				
C3736	M-02-03	SOL	ug/Kg	12000	7300	540	2100	7000	830	12000	2900	5200	23000 Q	LT			
C3737	M-02-04	SOL	ug/Kg	LT	8000					LT			10,000				
C3738	M-02-05	SOL	ug/Kg														
C3739	M-02-06	SOL	ug/Kg	2500	1400	LT	910	1200	620	4300		940	3500	400			
C3740	M-02-07	SOL	ug/Kg	5700	2800		1100	2500	460	5000	LT	2000	5600	LT			
C3741	M-02-09	SOL	ug/Kg														
C3742	M-02-10	SOL	ug/Kg		LT								560		74		
C3743	M-02-12	SOL	ug/Kg														
C3744	M-02-13	SOL	ug/Kg														
C3745	M-02-14	SOL	ug/Kg		880		LT			1400			1400				
C3746	M-02-15	SOL	ug/Kg													LT	
																	ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

TDD Number F3-8306-20

EPA Number

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☐ Inorganic

Site Name FMC

Date of Sample 6-20-83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Chlorobenzene	1,1,2,2-Tetrachloroethane	Methylene Chloride	Fluorotrichloromethane	Acetone	2-Butanone	2-Hexanone	Styrene	O-Xylene	4,4'-DDT	4,4'-DDE	4,4'-DDD	Remarks
C3705	M-02-01	SoL	ug/Kg			12							2200 P.C.	950 P.C.	2000 P.C.		
C3706	M-02-02	SoL	ug/Kg			26											
C3736	M-02-03	SoL	ug/Kg			7.1		●	●								
C3737	M-02-04	SoL	ug/Kg	LT	LT	39	4.1				LT	LT			4.11 P.N.		
C3738	M-02-05	SoL	ug/Kg			9.3											
C3739	M-02-06	SoL	ug/Kg			22											
C3740	M-02-07	SoL	ug/Kg			6.2							13 P.N.				
C3741	M-02-09	SoL	ug/Kg			7.2		●	●								
C3742	M-02-10	SoL	ug/Kg			12		78	LT	LT							
C3743	M-02-12	SoL	ug/Kg			4.9											
C3744	M-02-13	SoL	ug/Kg			7.9											
C3745	M-02-14	SoL	ug/Kg			4.9								2.13 P.N.			
C3746	M-02-15	SoL	ug/Kg			420	3.3										
																	ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

TDD Number F3-8306-20
EPA Number M-02

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ Organic ☐ Inorganic

Site Name FMC
Date of Sample 6/21/83

NOTE: Sample results reported in units of wet weight.

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	2-Nitrophenol	Acenaphthene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,4-dichlorobenzene	Fluoranthene	Naphthalene	bis(2-ethylhexyl) phthalate	butyl benzyl phthalate	di-N-butyl phthalate	benzo(a) anthracene	benzo(a) pyrene	benzo(b) fluoranthene (+ indistinguishable isomers)	Remarks
C3705	Facility - N-side	Solid	ug/Kg						640					<400		<800	
C3706	Facility - N-side								<400		950	<400	<400				
C3736	Facility - N-side				560				19000	●	●			19000	7500	12000	
C3737	Facility - S-side								11000					<400	<800	<800	
C3738	Facility - N-side																
C3739	Facility - N-side				430				5100	<400				2400	1600	2500	
C3740	Facility - N-side				460				6800	680				4200	3400	5700	
C3741	Facility - S-side									●	●						
C3742	Facility - S-side			<800					440					<400		<800	
C3743	Facility - S-side					520	<400	560									
C3744	Facility - S-side					8400	6400										
C3745	Facility - S-side								1800					840		1400	
C3746	Blank																

ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

TDD Number F3-8306-20

EPA Number M1-02

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ Organic ☐ Inorganic

Site Name FMC

Date of Sample 6/21/83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	benzo(k) fluoranthene (The indistinguishable isomers)	chrysene	acenaphthylene	anthracene	benzo(ghi) perylene	fluorene	phenanthrene	dibenzo(a,h) anthracene	indeno(1,2,3-cd) pyrene	pyrene	dibenzo furan	acrylonitrile	benzene	Remarks
C3705	Facility - N side	Solid	ug/kg	<800	<400					<400			560				
C3706	Facility - N side				<400					<400			<400				
C3736	Facility - N side			12000	7300	540	2100	7000	830	12000	2400	5200	23000	<400			
C3737	Facility - S side			<800	8000					<400			10000				
C3738	Facility - N side																
C3739	Facility - N side			2500	1400	<400	910	1200	620	4300		940	3500	400			
C3740	Facility - N side			5700	2800		1100	2500	460	5000	<800	2000	5600	<400			
C3741	Facility - S side																
C3742	Facility - S side				<400								560		7.4		
C3743	Facility - S side																
C3744	Facility - S side																
C3745	Facility - S side				880		<400			1400			1400				
C3746	Blank K															<2.5	

ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

ORIGINAL (Red)

TDD Number F3-8306-20
EPA Number M1-02

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ Organic ☐ Inorganic

Site Name FMC
Date of Sample 6/21/83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	chlorobenzene	1,1,2,2-Tetrachloroethane	methylene chloride	fluorotrichloromethane	acetone	2-butanone	2-hexanone	styrene	o-xylene	4,4'-DDT	4,4'-DDE	4,4'-DDD		Remarks
C3705	Facility-N-side	Solid	ug/kg			12							2200	950	2000		
C3706	Facility-N-side					26											
C3736	Facility-N side					7.1											
C3737	Facility-S side			<100	<100	39	4.1				<100	<100			4.11		
C3738	Facility-N side					9.3											
C3739	Facility-N side					22											
C3740	Facility-N side					6.2							13				
C3741	Facility-S side					7.2											
C3742	Facility-S side					12		78	<100	<50							
C3743	Facility-S side					4.9											
C3744	Facility-S-side					7.9											
C3745	Facility-S-side					4.9								2.13			
C3746	Blank					420	3.3										

ORIGINAL (Red)

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

ORIGINAL (Red)

TDD Number F3-8306-20
EPA Number M-02

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☒ Inorganic

Site Name FMC
Date of Sample 6/21/83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Aluminum	Chromium	Barium	Beryllium	Cobalt	Copper	Iron	Nickel	Manganese	Zinc	Boron	Vanadium	Silver	Remarks
M-02-01	Facility - North side	Solid	mg/kg	2350	25.5	150	0.25		80	3750	10	250	349		40		
M-02-02	Facility - North side	Solid	mg/kg	2650	9.0	35		2.5	17.5	6700	2.0	94.5	19		20		
M-02-03	Facility - North side	Solid	mg/kg	3090	10.0	45	0.25	5.0	20	6940	4.0	250	26		10		
M-02-04	Facility - South side	Solid	mg/kg	1820	14.0	100	0.25	5.0	252	21200	12	253	191	10.0	20		
M-02-05	Facility - North side	Solid	mg/kg	3790	8.5	30		5.0	10	8420	4.0	101	14		20		
M-02-06	Facility - North side	Solid	mg/kg	3410	18	45	0.25	7.5	50	11600	10	235	191		20		
M-02-07	Facility North side	Solid	mg/kg	4740	10.0	45		5.0	65	7960	12	273	73		30		
M-02-09	Facility - South side	Solid	mg/kg	4780	16.0	25	0.25	5.0	290	12900	8	84	24		20		
M-02-10	Facility - South side	Solid	mg/kg	1950	7.5	20			115	5920	6.0	93	35.5		20		
M-02-12	Facility - South side	Solid	mg/kg	2740	73	25	0.25	2.5	25	9250	6.0	95.2	47		20		
M-02-13	Facility - South side	Solid	mg/kg	2640	140	570	0.5	12.5	343	32700	30	417	400	15	30		
M-02-14	Facility - South side	Solid	mg/kg	2930	11.0	30		2.5	25	6540	4.0	135	56.5		10		
M-02-15	Blank	Solid	mg/kg														

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ORIGINAL (Red)

TDD Number F3-8306-20
EPA Number M-02

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☒ Inorganic

Site Name FMC
Date of Sample 6/21/83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Arsenic	Antimony	Selenium	Thallium	Mercury	Tin	Cadmium	Lead	Ammonia	Cyanide	Sulfide				Remarks
M-02-01	Facility - North side	Solid	mg/Kg	2.5		0.3		0.4	4.0	0.6	500							
M-02-02	Facility - North side	Solid	mg/Kg	3.0		0.1				0.05	30							
M-02-03	Facility - North side	Solid	mg/Kg	3.0		0.1				0.1	55							
M-02-04	Facility - South side	Solid	mg/Kg	14	2	0.3		0.3	2	0.5	500		0.5					
M-02-05	Facility - North side	Solid	mg/Kg	1.5						0.05	15							
M-02-06	Facility - North side	Solid	mg/Kg	3		0.2		2.0		1.4	150							
M-02-07	Facility - North side	Solid	mg/Kg	3.5		0.1				0.35	200							
M-02-09	Facility - South side	Solid	mg/Kg	2.5		0.1				0.1	25							
M-02-10	Facility - South side	Solid	mg/Kg	2.5		0.1				0.1	25							
M-02-12	Facility - South side	Solid	mg/Kg	2.5		0.1				0.25	175							
M-02-13	Facility - South side	Solid	mg/Kg	4.0	4.0	0.2		4.5	2.0	5.0	1400							
M-02-14	Facility - South side	Solid	mg/Kg	1.5		0.2				0.15	40							
M-02-15	Blank	Solid	mg/Kg															

ORIGINAL (Red)

ORIGINAL (Red)

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◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.