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ATTACHMENT 2 / TABLE 1

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
EAST PLANT - 2004 DATA
ARKEMA INC.
RIVERVIEW/WYANDOTTE, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-007*	*MW-007*	*MW-007*	*MW-019*	*MW-019*	*MW-023*	*MW-023*	*MW-024*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-EP-MW007-01*	*EA03-EP-MW007-01*	*EA03-EP-MW007-02*	*EA03-EP-MW019-01*	*EA03-EP-MW019-01*	*EA03-EP-MW023-01*	*EA03-EP-MW023-01*	*EA03-EP-MW024-01*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*5/4/2004*	*7/7/2004*	*7/7/2004*	*5/3/2004*	*7/8/2004*	*5/4/2004*	*7/8/2004*	*5/4/2004*
Sample Type		*a*	*b*	*c*			*Duplicate*					
Dioxins/Furans	***Units***											
Dioxin Toxicity Equivalent (TEQ)	mg/L	0.00000001	NLV	0.00000001	**0.00000011 J[ac]**	**0.000000049 J[ac]**	**0.000000051 J[ac]**	**0.00000022 J[ac]**	**0.00000002 J[ac]**	--	--	--
Metals												
Copper	mg/L	0.010	NLV	7400	0.0057	0.0053	0.0057	ND(0.0020)	ND(0.0020)U	**0.019[a]**	0.0068	0.0065
Cyanide (total)	mg/L	0.0052	NLV	57	**0.042[a]**	**0.018[a]**	**0.018[a]**	ND(0.0050)	ND(0.0050)	ND(0.0050)	**0.013[a]**	ND(0.0050)
Lead	mg/L	0.012	NLV	ID	0.0020 J	ND(0.0030)	ND(0.0030)	ND(0.0030)	ND(0.0030)	**0.019[a]**	0.0024 J	ND(0.0030)
Manganese	mg/L	0.60	NLV	9100	0.017	0.015	0.014 J	0.22	0.13	**1.8[a]**	**1.1[a]**	**2.8[a]**
Mercury	mg/L	0.0000013	0.056	0.056	ND(0.00020)	ND(0.00020)U	ND(0.00020)U	ND(0.00020)	**0.000038 J[a]**	ND(0.00020)	**0.000057 J[a]**	ND(0.00020)
Selenium	mg/L	0.005	NLV	970	**0.0084 J[a]**	ND(0.0020)UJ	**0.0072 J[a]**	ND(0.0020)	0.0013 J	ND(0.040)	ND(0.010)UJ	ND(0.020)
Silver	mg/L	0.0002	NLV	1500	**0.00043 J[a]**	0.000084 J	ND(0.00050)UJ	ND(0.00050)	ND(0.00050)UJ	**0.00037 J[a]**	0.00016 J	0.00012 J
Pesticides												
4,4'-DDE	mg/L	--	NLV	0.027	--	--	--	--	--	--	--	--
Aldrin	mg/L	0.00001	0.18	0.00034	--	--	--	--	--	--	--	--
alpha-BHC	mg/L	--	2	0.06	--	--	--	--	--	--	--	--
gamma-Chlordane	mg/L	--	0.056	0.015	--	--	--	--	--	--	--	--
Heptachlor	mg/L	0.00001	0.18	0.0029	--	--	--	--	--	--	--	--
Heptachlor epoxide	mg/L	ID	NLV	0.009	--	--	--	--	--	--	--	--
Semi-Volatile Organic Compounds (SVOCs)												
2,4,6-Trichlorophenol	mg/L	0.0044	NLV	10	**0.0075[a]**	**0.009[a]**	**0.0089[a]**	ND(0.004)	ND(0.004)	--	ND(0.004)	--
Benzo(a)pyrene	mg/L	ID	NLV	0.001	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)	--	ND(0.004)	--
Benzo(b)fluoranthene	mg/L	ID	ID	0.0015	ND(0.004)	ND(0.004)UJ	ND(0.004)UJ	ND(0.004)	ND(0.004)	--	ND(0.004)	--
Benzo(g,h,i)perylene	mg/L	--	NLV	0.001	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	--	ND(0.005)	--
Chrysene	mg/L	ID	ID	0.0016	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	--	ND(0.005)	--
Naphthalene	mg/L	0.013	31	31	ND(0.005)	0.0025 J	0.0026 J	ND(0.005)	ND(0.005)	--	ND(0.005)	--
Volatile Organic Compounds (VOCs)												
Chloroform (Trichloromethane)	mg/L	0.17	180	150	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.001)	--	ND(0.001)	--

Notes:

NLV - Not likely to volatilize
ID - Inadequate date to develop criterion
J - Estimated concentration.
UJ - Estimated reporting limit.
U - The analyte was analyzed, but was qualified not detected above the value identified.
ND ( ) - Not detected above the value in parenthesis.
[ ] - Constituent exceeds Criteria

US EPA ARCHIVE DOCUMENT

ATTACHMENT 2 / TABLE 1

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
EAST PLANT - 2004 DATA
ARKEMA INC.
RIVERVIEW/WYANDOTTE, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow - GSI*	*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Shallow*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-024*	*MW-009*	*MW-009*	*MW-012*	*MW-017*	*MW-017*	*MW-017*	*MW-020*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-EP-MW024-01*	*EA03-EP-MW009-01*	*EA03-EP-MW009-01*	*EA03-EP-MW012-01*	*EA03-EP-MW017-01*	*EA03-EP-MW017-01*	*EA03-EP-MW017-02*	*EA03-EP-MW020-02*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*5/5/2004*	*5/6/2004*	*7/9/2004*	*5/5/2004*	*5/5/2004*	*7/8/2004*	*7/8/2004*	*7/7/2004*
Sample Type		*a*	*b*	*c*							*Duplicate*	*Duplicate*
Dioxins/Furans	***Units***											
Dioxin Toxicity Equivalent (TEQ)	mg/L	0.00000001	NLV	0.00000001	--	**0.0000035 J[c]**	**0.00000019 J[c]**	**0.000000038[c]**	0.00000000071 J	0.0000000007 J	--	0
Metals												
Copper	mg/L	0.010	NLV	7400	--	ND(0.0020)U	ND(0.0027)U	0.0017 J	0.0063	ND(0.0043)U	ND(0.0043)U	ND(0.0029)U
Cyanide (total)	mg/L	0.0052	NLV	57	--	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Lead	mg/L	0.012	NLV	ID	--	ND(0.0030)	ND(0.0030)	ND(0.0030)	0.0025 J	ND(0.0030)	ND(0.0030)	ND(0.060)
Manganese	mg/L	0.60	NLV	9100	--	1.7	1.8	1.2	8.0	6.3	5.4	30.9
Mercury	mg/L	0.0000013	0.056	0.056	--	ND(0.00020)	0.000084 J	ND(0.00020)	ND(0.00020)	0.00013 J	0.00013 J	ND(0.00021)U
Selenium	mg/L	0.005	NLV	970	--	0.093	0.083 J	0.00086 J	1.3	0.39 J	0.59 J	ND(0.0020)UJ
Silver	mg/L	0.0002	NLV	1500	--	ND(0.00050)	ND(0.00050)UJ	ND(0.00050)	0.00023 J	0.000093 J	0.000077 J	0.0020 J
Pesticides												
4,4'-DDE	mg/L	--	NLV	0.027	--	0.0086 J	**0.29[c]**	--	ND(0.0005)	ND(0.005)	ND(0.001)	--
Aldrin	mg/L	0.00001	0.18	0.00034	--	**0.0064 J[c]**	**0.19[bc]**	--	ND(0.0005)	ND(0.005)	ND(0.001)	--
alpha-BHC	mg/L	--	2	0.06	--	0.023	**0.63[c]**	--	0.00036 J	ND(0.005)	0.00038 J	--
gamma-Chlordane	mg/L	--	0.056	0.015	--	ND(0.0025)	**0.07[bc]**	--	ND(0.0005)	ND(0.005)	ND(0.001)	--
Heptachlor	mg/L	0.00001	0.18	0.0029	--	**0.012[c]**	**0.34[bc]**	--	ND(0.0005)	ND(0.005)	ND(0.001)	--
Heptachlor epoxide	mg/L	ID	NLV	0.009	--	0.0036	**0.1[c]**	--	ND(0.0005)	ND(0.005)	ND(0.001)	--
Semi-Volatile Organic Compounds (SVOCs)												
2,4,6-Trichlorophenol	mg/L	0.0044	NLV	10	ND(0.008)	ND(0.4)	ND(0.64)	ND(0.004)	ND(0.1)	ND(0.08)	ND(0.13)	ND(0.004)
Benzo(a)pyrene	mg/L	ID	NLV	0.001	ND(0.008)	ND(0.4)	ND(0.64)	ND(0.004)	ND(0.1)	ND(0.08)	ND(0.13)	**0.0012 J[c]**
Benzo(b)fluoranthene	mg/L	ID	ID	0.0015	ND(0.008)	ND(0.4)	ND(0.64)	ND(0.004)	ND(0.1)	ND(0.08)	ND(0.13)	**0.0019 J[c]**
Benzo(g,h,i)perylene	mg/L	--	NLV	0.001	ND(0.01)	ND(0.5)	ND(0.8)	ND(0.005)	ND(0.12)	ND(0.1)	ND(0.17)	**0.0013 J[c]**
Chrysene	mg/L	ID	ID	0.0016	ND(0.01)	ND(0.5)	ND(0.8)	ND(0.005)	ND(0.12)	ND(0.1)	ND(0.17)	**0.0019 J[c]**
Naphthalene	mg/L	0.013	31	31	**0.033[a]**	2.8	4.5	ND(0.005)	0.087 J	0.075 J	0.11 J	0.00086 J
Volatile Organic Compounds (VOCs)												
Chloroform (Trichloromethane)	mg/L	0.17	180	150	ND(0.0017)	44	44	ND(0.001)	**1600[bc]**	**1600[bc]**	**1800[bc]**	0.014

Notes:

NLV - Not likely to volatilize
ID - Inadequate date to develop criterion
J - Estimated concentration.
UJ - Estimated reporting limit.
U - The analyte was analyzed, but was qualified not detected above the value identified.
ND ( ) - Not detected above the value in parenthesis.
[ ] - Constituent exceeds Criteria

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ATTACHMENT 2 / TABLE 2

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
WEST PLANT - 2004 AND 2005 DATA
ARKEMA INC.
RIVERVIEW, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-016*	*MW-016*	*MW-016*	*MW-217*	*MW-217*	*MW-217*	*MW-217*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-WP-MW016-01*	*EA03-WP-MW016-01*	*EA03-WP-MW016-01*	*EA03-WP-MW217-01*	*EA03-WP-MW217-02*	*EA03-WP-MW217-01*	*EA03-WP-MW217-01*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*5/12/2004*	*7/15/2004*	*4/21/2005*	*5/12/2004*	*5/12/2004*	*7/15/2004*	*4/21/2005*
Sample Type		*a*	*b*	*c*					*Duplicate*		
Dioxins/Furans	***Units***										
Dioxin Toxicity Equivalent (TEQ)	mg/L	0.00000001	NLV	0.00000001	0	0.000000012 J[ac]	0.0000000047	0.000000096 J[ac]	0.000000038 J[ac]	0	0

Notes:

NLV - Not likely to volatilize
J - Estimated concentration.
- Constituent exceeds Criteria

ATTACHMENT 2 / TABLE 2

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
WEST PLANT - 2004 AND 2005 DATA
ARKEMA INC.
RIVERVIEW, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow*	*Shallow*	*Shallow*	*Shallow*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-018*	*MW-018*	*MW-018*	*MW-005*	*MW-005*	*MW-005*	*MW-006*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-WP-MW018-01*	*EA03-WP-MW018-02*	*EA03-WP-MW018-01*	*EA03-WP-MW005-01*	*EA03-WP-MW005-01*	*EA03-WP-MW005-01*	*EA03-WP-MW006-01*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*2/9/2005*	*2/9/2005*	*4/21/2005*	*5/12/2004*	*7/15/2004*	*4/21/2005*	*5/11/2004*
Sample Type		*a*	*b*	*c*		*Duplicate*					
Dioxins/Furans	***Units***										
Dioxin Toxicity Equivalent (TEQ)	mg/L	0.00000001	NLV	0.00000001	0	0	0	0.000000057[c]	0.0000000026 J	0.000000000055	0

Notes:

NLV - Not likely to volatilize
J - Estimated concentration.
- Constituent exceeds Criteria

US EPA ARCHIVE DOCUMENT

ATTACHMENT 2 / TABLE 2

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
WEST PLANT - 2004 AND 2005 DATA
ARKEMA INC.
RIVERVIEW, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Shallow*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-006*	*MW-010*	*MW-010*	*MW-013*	*MW-013*	*MW-014*	*MW-014*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-WP-MW006-01*	*EA03-WP-MW010-01*	*EA03-WP-MW010-01*	*EA03-WP-MW013-01*	*EA03-WP-MW013-01*	*EA03-WP-MW014-01*	*EA03-WP-MW014-01*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*7/14/2004*	*5/10/2004*	*7/13/2004*	*5/10/2004*	*7/13/2004*	*5/12/2004*	*7/14/2004*
Sample Type		*a*	*b*	*c*							
Dioxins/Furans	***Units***										
Dioxin Toxicity Equivalent (TEQ)	mg/L	0.00000001	NLV	0.00000001	0	0	0	0.000000000074 J	0	0	0

Notes:

NLV - Not likely to volatilize
J - Estimated concentration.
- Constituent exceeds Criteria

US EPA ARCHIVE DOCUMENT

ATTACHMENT 2 / TABLE 2

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
WEST PLANT - 2004 AND 2005 DATA
ARKEMA INC.
RIVERVIEW, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow*	*Shallow*	*Shallow*	*Shallow*	*Deep*	*Deep*	*Deep*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-015*	*MW-015*	*MW-015*	*MW-015*	*MW-200*	*MW-200*	*MW-201*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-WP-MW015-01*	*EA03-WP-MW015-05*	*EA03-WP-MW015-01*	*EA03-WP-MW015-01*	*EA03-WP-MW200-01*	*EA03-WP-MW200-02*	*EA03-WP-MW201-01*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*5/12/2004*	*5/12/2004*	*7/14/2004*	*4/21/2005*	*6/24/2004*	*6/24/2004*	*6/22/2004*
Sample Type		*a*	*b*	*c*						*Duplicate*	
Dioxins/Furans	***Units***										
Dioxin Toxicity Equivalent (TEQ)	mg/L	0.00000001	NLV	0.00000001	0.000000028 J[c]	0.00000024 J[c]	0.0000000045 J	0	0	0	0

Notes:

NLV - Not likely to volatilize
J - Estimated concentration.
[ ] - Constituent exceeds Criteria

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ATTACHMENT 2 / TABLE 3

SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER EXCEEDING PART 201 CRITERIA
WEST BRINE FIELD - 2004 DATA
ARKEMA INC.
RIVERVIEW, MICHIGAN

Aquifier Location		*Groundwater*	*Groundwater*		*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*	*Shallow - GSI*
Sample Location		*Surface water*	*Volatilization*	*Groundwater*	*MW-002*	*MW-002*	*MW-003*	*MW-004*
Sample Identification		*Interface*	*to Indoor Air*	*Contact*	*EA03-BF-MW002-01*	*EA03-BF-MW002-01*	*EA03-BF-MW003-01*	*EA03-BF-MW004-01*
Sample Date		*(GSI)*	*(GVIIC)*	*(GCC)*	*5/7/2004*	*7/12/2004*	*7/12/2004*	*5/7/2004*
Sample Type		*a*	*b*	*c*				
Metals								
Manganese	mg/L	1.32	NLV	9100	**2.6[a]**	**4.2[a]**	**2.9[a]**	**1.8[a]**
Thallium	mg/L	0.0037	NLV	13	**0.0058[a]**	**0.0043[a]**	0.00054 J	0.00022 J

Notes:
NLV - Not likely to volatilize
J - Estimated concentration.
- Constituent exceeds Criteria

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