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CERTIFIED MAIL: 7010 3090 0003 3945 0910
Response Receipt Requested

July 14, 2014

Mr. Brad Roberts
US EPA Region 7
AWMD/WRAP/KNRP
11201 Renner Blvd
Lenexa, KS 66219

RE: NEIGHBOR WATER WELL DATA; OCCIDENTAL CHEMICALS CORPORATION, RCRA PERMIT HSWA SECTION; EPA ID# KSD007482029

Dear Mr. Roberts:

Please find enclosed the neighbor water well sampling data. The next sampling round will be completed in November 2014.

If you have any questions, please to contact me at 316-529-7204.

Sincerely,

Lisa R. Thurman

Lisa R. Thurman
Environmental Engineer

CC: Mostofa Kamal, KDHE ***CERTIFIED MAIL: 7010 3090 0003 3945 0927***

L1407047

RCRA
551088

TABLE 1

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL RESIDENTIAL WELL SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Ex. 6 PII

Sample Location:		[redacted]
Sample ID:		*WG-05022014-*[redacted]
Sample Date:		*5/2/2014*
Parameters	***Units***	***Result***
Volatile Organic Compounds		
1,1,1-Trichloroethane	µg/L	0.5 U
1,2-Dichloroethane	µg/L	0.5 U
1,2-Dichloropropane	µg/L	0.5 U
Benzene	µg/L	0.5 U
Carbon tetrachloride	µg/L	15.3*
Chloroform (Trichloromethane)	µg/L	0.6†
Chloromethane (Methyl chloride)	µg/L	0.5 U
Methylene chloride	µg/L	0.5 U
Tetrachloroethene	µg/L	0.5 U
Trichloroethene	µg/L	0.5 U
Vinyl chloride	µg/L	0.5 U
Semi-volatile Organic Compounds		
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 UJ
2,5-Dichlorophenol	µg/L	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U
2-Chlorophenol	µg/L	5.0 U
3/4-Chlorophenol	µg/L	5.0 U
Pentachlorophenol	µg/L	0.5 UJ
Pesticides		
alpha-BHC	µg/L	0.011 UJ
beta-BHC	µg/L	0.037 UJ
delta-BHC	µg/L	0.05 UJ
gamma-BHC (lindane)	µg/L	0.052 UJ
Hexachlorobenzene	µg/L	0.10 UJ
Hexachlorobutadiene	µg/L	0.02 UJ
Hexachloroethane	µg/L	0.02 UJ
General Chemistry		
Chloride	mg/L	61
Hardness, calculation	mgCaCO3/L	266

Notes:
U - Not detected at or above the associated reporting limit
UJ - Not detected at or above the estimated reporting limit
µg/L - micrograms per liter
mg/L - milligrams per liter
*MCL - Maximum Contaminant Level = 5 µg/L
†MCLG - Maximum Contaminant Level Goal = 70 µg/L

TABLE 1

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL RESIDENTIAL WELL SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Ex. 6 PII

Sample Location:	[redacted]
Sample ID:	*WG-05022014-*[redacted]
Sample Date:	*5/2/2014*

Parameters	***Units***	***Result***
Volatile Organic Compounds		
1,1,1-Trichloroethane	µg/L	0.5 U
1,2-Dichloroethane	µg/L	0.5 U
1,2-Dichloropropane	µg/L	0.5 U
Benzene	µg/L	0.5 U
Carbon tetrachloride	µg/L	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U
Methylene chloride	µg/L	0.5 U
Tetrachloroethene	µg/L	0.5 U
Trichloroethene	µg/L	0.5 U
Vinyl chloride	µg/L	0.5 U
Semi-volatile Organic Compounds		
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U
2,5-Dichlorophenol	µg/L	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U
2-Chlorophenol	µg/L	5.0 U
3/4-Chlorophenol	µg/L	5.0 U
Pentachlorophenol	µg/L	0.5 U
Pesticides		
alpha-BHC	µg/L	0.011 U
beta-BHC	µg/L	0.037 U
delta-BHC	µg/L	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U
Hexachlorobenzene	µg/L	0.10 U
Hexachlorobutadiene	µg/L	0.02 U
Hexachloroethane	µg/L	0.02 U
General Chemistry		
Chloride	mg/L	41
Hardness, calculation	mgCaCO3/L	294

Notes:
U - Not detected at or above the associated reporting limit
µg/L - micrograms per liter
mg/L - milligrams per liter

TABLE 1

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL RESIDENTIAL WELL SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Ex. 6 PII

Sample Location:		[redacted]	[redacted]
Sample ID:		*WG-05022014[redacted]*	*WG-05022014[redacted]1*
Sample Date:		*5/2/2014*	*5/2/2014 (Duplicate)*
Parameters	***Units***		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U
Carbon tetrachloride	µg/L	7.0*	6.8*
Chloroform (Trichloromethane)	µg/L	0.7†	0.8†
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U
Semi-volatile Organic Compounds			
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 UJ	1.0 UJ
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U
Pentachlorophenol	µg/L	0.5 UJ	0.5 UJ
Pesticides			
alpha-BHC	µg/L	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U
General Chemistry			
Chloride	mg/L	191	192
Hardness, calculation	mgCaCO3/L	333	331

Notes:
U - Not detected at or above the associated reporting limit
UJ - Not detected at or above the estimated reporting limit
µg/L - micrograms per liter
mg/L - milligrams per liter
*MCL - Maximum Contaminant Level = 5 µg/L
†MCLG - Maximum Contaminant Level Goal = 70 µg/L

TABLE 1

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL RESIDENTIAL WELL SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Ex. 6 PII

Sample Location:		[redacted]
Sample ID:		*WG-05022014*[redacted]
Sample Date:		*5/2/2014*
Parameters	***Units***	
Volatile Organic Compounds		
1,1,1-Trichloroethane	µg/L	0.5 U
1,2-Dichloroethane	µg/L	0.5 U
1,2-Dichloropropane	µg/L	0.5 U
Benzene	µg/L	0.5 U
Carbon tetrachloride	µg/L	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U
Methylene chloride	µg/L	0.5 U
Tetrachloroethene	µg/L	0.5 U
Trichloroethene	µg/L	0.5 U
Vinyl chloride	µg/L	0.5 U
Semi-volatile Organic Compounds		
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U
2,5-Dichlorophenol	µg/L	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U
2-Chlorophenol	µg/L	5.0 U
3/4-Chlorophenol	µg/L	5.0 U
Pentachlorophenol	µg/L	0.5 U
Pesticides		
alpha-BHC	µg/L	0.011 U
beta-BHC	µg/L	0.037 U
delta-BHC	µg/L	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U
Hexachlorobenzene	µg/L	0.10 U
Hexachlorobutadiene	µg/L	0.02 U
Hexachloroethane	µg/L	0.02 U
General Chemistry		
Chloride	mg/L	93
Hardness, calculation	mgCaCO3/L	357

Notes:
U - Not detected at or above the associated reporting limit
µg/L - micrograms per liter
mg/L - milligrams per liter

TABLE 1

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL RESIDENTIAL WELL SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Ex. 6 PII

Sample Location:	[redacted]
Sample ID:	***WG-05072014-***[redacted]
Sample Date:	***5/7/2014***

Parameters	***Units***	
Volatile Organic Compounds		
1,1,1-Trichloroethane	µg/L	0.5 U
1,2-Dichloroethane	µg/L	0.5 U
1,2-Dichloropropane	µg/L	0.5 U
Benzene	µg/L	0.5 U
Carbon tetrachloride	µg/L	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U
Methylene chloride	µg/L	0.5 U
Tetrachloroethene	µg/L	0.5 U
Trichloroethene	µg/L	0.5 U
Vinyl chloride	µg/L	0.5 U
Semi-volatile Organic Compounds		
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U
2,5-Dichlorophenol	µg/L	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U
2-Chlorophenol	µg/L	5.0 U
3/4-Chlorophenol	µg/L	5.0 U
Pentachlorophenol	µg/L	0.5 U
Pesticides		
alpha-BHC	µg/L	0.011 U
beta-BHC	µg/L	0.037 U
delta-BHC	µg/L	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U
Hexachlorobenzene	µg/L	0.10 U
Hexachlorobutadiene	µg/L	0.02 U
Hexachloroethane	µg/L	0.02 U
General Chemistry		
Chloride	mg/L	242
Hardness, calculation	mgCaCO3/L	561

Notes:
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µg/L - micrograms per liter
mg/L - milligrams per liter

TABLE 1

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL RESIDENTIAL WELL SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Ex. 6 PII

Sample Location:		[redacted]	[redacted]
Sample ID:		***WG-05012014-[redacted]***	***WG-05012014-[redacted]***
Sample Date:		***5/1/2014***	***5/1/2014***
Parameters	***Units***		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.6†
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U
Semi-volatile Organic Compounds			
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 UJ	1.0 UJ
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U
Pentachlorophenol	µg/L	0.5 UJ	0.5 UJ
Pesticides			
alpha-BHC	µg/L	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U
General Chemistry			
Chloride	mg/L	71	72
Hardness, calculation	mgCaCO3/L	272	306

Notes:
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UJ - Not detected at or above the estimated reporting limit
µg/L - micrograms per liter
mg/L - milligrams per liter
†MCLG - Maximum Contaminant Level Goal = 70 µg/L