CONESTOGA-ROVERS
& ASSOCIATES

8615 W. Bryn Mawr Avenue, Chicago, Illinois 60631-3501
Telephone: 773-380-9933 Facsimile: 773-380-6421
www.CRAworld.com

August 22, 2013

Reference No. 054046

Mr. Bradley Roberts
U.S. Environmental Protection Agency, Region 7
Air and Waste Management Division
Waste Remediation and Permitting Branch
11201 Renner Boulevard
Lenexa, Kansas 66219

RECEIVED
AUG 23 2013
AWMD/WRAP-KNRP

VIA FEDEX

Dear Brad:

Re: Semi-Annual Groundwater Monitoring Report Spring 2013
Occidental Chemical Corporation,
6200 S. Ridge Road
RCRA ID# KSD007482029
Wichita, Sedgewick County, Kansas

On behalf of Glenn Springs Holdings, Inc. and the Occidental Chemical Corporation, Wichita, Kansas Facility, please find enclosed three hard copies and one copy on compact disk of the report entitled "Semi-Annual Groundwater Monitoring Report Spring 2013". This report documents and discusses the most recently completed semi-annual groundwater monitoring event.

If you have any questions regarding the attached report, please do not hesitate to contact me at (773) 380-9234.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Bruce Clegg

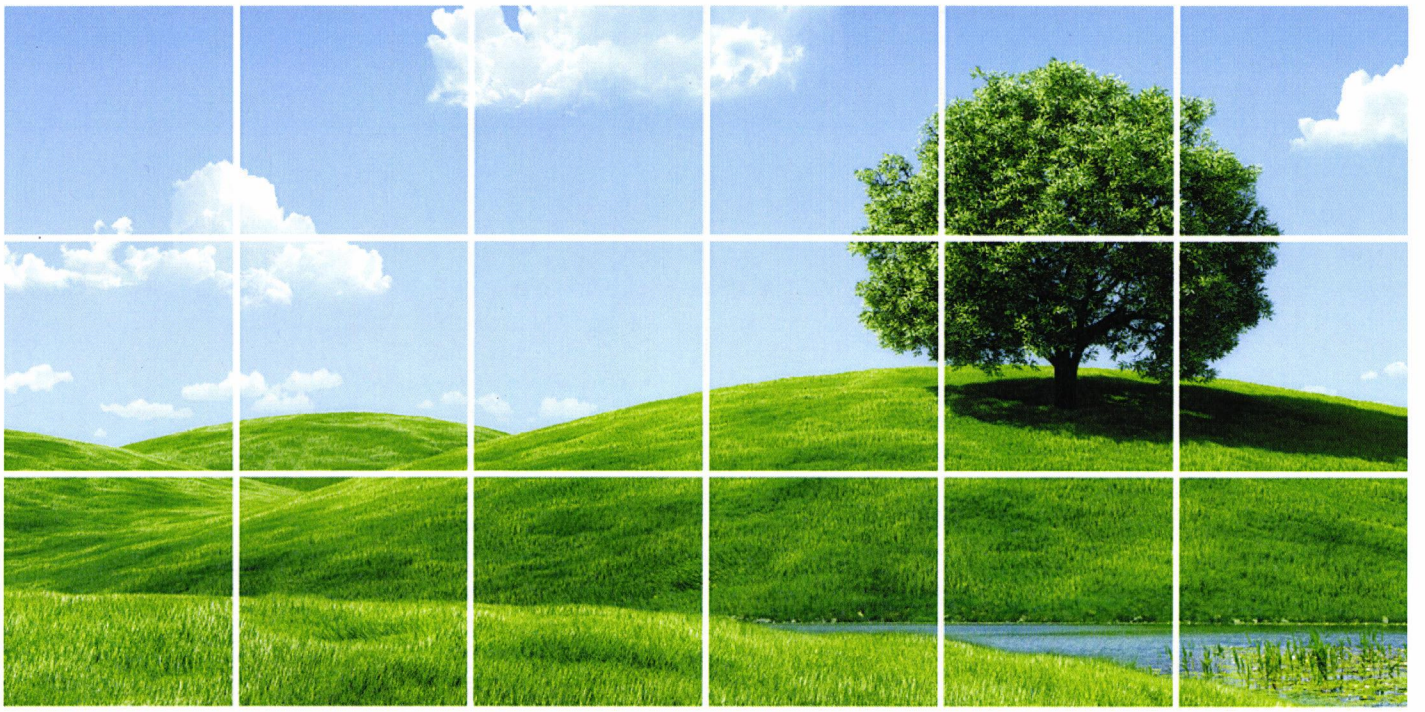
BCC/ko/11
Encl.

cc: Mostafa Kamal - KDHE
Juan Somoano – Glenn Springs Holdings, Inc.
Lisa Blair – OCC, Wichita, Kansas

RCRA
525921

RECEIVED
AUG 2 3 2013
AWMD/WRAP-KNRP

www.CRAworld.com



Semi-Annual Groundwater Monitoring Report

Spring 2013

Prepared for: Glenn Springs Holdings, Inc.

Conestoga-Rovers & Associates
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631

August 2013 • #054046
Report Number:40

TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1

2.0 FIELD PROGRAM 2

3.0 GROUNDWATER MONITORING EVENT 4
3.1 WATER LEVEL MONITORING 4
3.2 GROUNDWATER SAMPLING 5

4.0 SUMMARY OF FINDINGS 6
4.1 GROUNDWATER FLOW 6
4.2 DETECTIONS/MEASUREMENTS OF DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) 6
4.3 GROUNDWATER SAMPLING 7
4.3.1 ANALYTICAL DATA ASSESSMENT/VALIDATION 7

5.0 CERTIFICATION 8

LIST OF FIGURES
(Following Text)

FIGURE 1	SITE LOCATION
FIGURE 2	MONITORING WELL, INTERCEPTOR WELL, AND PIEZOMETER LOCATIONS
FIGURE 3	MONITORING AND INTERCEPTOR WELL LOCATIONS – BIENNIAL GROUNDWATER MONITORING EVENTS
FIGURE 4	MAY 2013 GROUNDWATER CONTOURS – DEEP (S1) SCREENED SAND UNIT INTERVAL
FIGURE 5	MAY 2013 GROUNDWATER CONTOURS – INTERMEDIATE (S2/S3) SCREENED SAND UNIT INTERVAL

LIST OF TABLES
(Following Text)

TABLE 1	GROUNDWATER MONITORING EVENTS SCHEDULE
TABLE 2	SUMMARY OF MONITORING WELL CONSTRUCTION DATA
TABLE 3	SUMMARY OF GROUNDWATER ELEVATIONS – SPRING 2013
TABLE 4	SUMMARY OF MONITORING WELL PURGING PARAMETERS – SPRING 2013
TABLE 5	GROUNDWATER SAMPLE KEY – SPRING 2013
TABLE 6	ANALYTICAL RESULTS SUMMARY – SPRING 2013

LIST OF APPENDICES
(APPENDICES PRESENTED ON ATTACHED CD)

APPENDIX A	EQUIPMENT CALIBRATION FORMS
APPENDIX B	ANALYTICAL REPORTS
APPENDIX C	DATA QUALITY ASSESSMENT AND VALIDATION REPORT

1.0 INTRODUCTION

Groundwater monitoring reports are submitted to the United States Environmental Protection Agency (U.S. EPA) and the Kansas Department of Health & Environment (KDHE) on a semi-annual basis. The Spring 2013 groundwater monitoring event was a biennial monitoring event[1] in accordance with the schedule provided in the Work Plan and presented in Table 1.

This report presents information and data resulting from the biennial groundwater monitoring event of 2013 performed at the Occidental Chemical Corporation Wichita Facility (Site or Facility) located at 6200 S. Ridge Road, Wichita, Sedgwick County, Kansas. This groundwater monitoring event was conducted to fulfill the Part II Hazardous and Solid Waste Amendments (HSWA) Section of the Facility's Resource Conservation and Recovery Act (RCRA) Permit obligations (permit number KSD007482029).

The Groundwater Management Plan for the Site consists of a series of interceptor wells/extraction wells screened in separate sand aquifers beneath the Site and surrounding areas. The interceptor wells/extraction wells operate to maintain cones of depression within the aquifers to prevent migration of contaminants. Measuring analyte concentrations and water levels on a regular periodic basis monitors the effectiveness of the Groundwater Management Plan.

The Spring 2013 biennial groundwater monitoring event was performed in accordance with the procedures outlined in the U.S. EPA-approved Quality Assurance Project Plan (QAPP) and Sampling and Analysis Plan (SAP). Groundwater monitoring has been conducted on a semi-annual basis since 1986 in order to evaluate the groundwater flow and quality conditions around the Site and to assess the effects of historical releases on the local groundwater regime.

The Spring 2013 biennial groundwater monitoring event was conducted in accordance with the Sampling and Analysis Plan Routine Groundwater Sampling Plan RCRA Corrective Action Plan (SAP), which was approved by the U.S. EPA in a letter dated April 12, 2012.

[1] A "biennial event" as set out by "Sampling and Analysis Plan Routine Groundwater Sampling Plan RCRA Corrective Action Program" March 9, 2012.

2.0 FIELD PROGRAM

Field activities were conducted from May 6 through July 2, 2013. Field activities consisted of the following:

- Collect water level measurements at monitoring wells and piezometers. Test select on-Site monitoring wells for the presence of non-aqueous phase liquids (NAPLs).
- Collect groundwater samples from up to 136 on- and off-Site wells (including monitoring wells, interceptor wells, and neighboring property water wells).
- Submit collected groundwater samples for laboratory analysis of the contaminants of concern (COCs).

The COC list consists of the following parameters:

Volatile Organic Compounds

1,1,1-Trichloroethane
1,2-Dichloroethane
Benzene
Carbon tetrachloride
Chloroform
Chloromethane (methyl chloride)
Methylene chloride
Tetrachloroethene
Trichloroethene
Vinyl chloride
1,2-Dichloropropane (1,2-DCP)[2]

General Chemistry

Chloride
Hardness Calculation

Semivolatile Organic Compounds/Pesticides/Herbicides

2,3,4,5-Tetrachlorophenol
2,3,4,6-Tetrachlorophenol
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,5-Dichlorophenol
2,6-Dichlorophenol
2-Chlorophenol
2,4-Dichlorophenoxyacetic acid (2,4-D)[2]
3/4-Chlorophenol
alpha-BHC
beta-BHC
delta-BHC[2]
gamma-BHC (lindane)
Hexachlorobenzene
Hexachlorobutadiene
Hexachloroethane
Pentachlorophenol

[2] Parameters added to the COC list in 2009.

Field activities were completed by Conestoga-Rovers & Associates (CRA) and were conducted in accordance with the sample collection methods and techniques detailed within the U.S. EPA-approved QAPP and SAP.

A Site location map is presented on Figure 1. A Site plan illustrating the monitoring wells, interceptor wells, and piezometer locations is shown on Figure 2. Figure 3 illustrates the monitoring wells and interceptor wells included in the Spring 2013 biennial monitoring program.

3.0 GROUNDWATER MONITORING EVENT

Activities completed during the Spring biennial groundwater monitoring event of 2013 included water level elevation/NAPL monitoring, groundwater sampling, neighboring production well sampling, and well inspection activities. Copies of the equipment calibration forms are provided in CD format as Appendix A. Table 2 provides a summary of monitoring well and piezometer construction details for the entire monitoring network.

3.1 WATER LEVEL MONITORING

A complete round of water level measurements was collected on May 6 and 7, 2013. The round of water level measurements was collected in as short a time period as possible to obtain a representative data set of contemporaneous groundwater elevations in order to accurately evaluate groundwater flow conditions beneath the Site and surrounding area. In general, the water levels were collected initially from "clean wells"[3] and advancing toward the wells with higher parameter concentrations. Water level data collected in May 2013 (in conjunction with reference point elevation data) were used to calculate the groundwater elevations. Water level data collected in May 2013 were recorded electronically. A summary of the May 2013 groundwater elevations is provided in Table 3.

The presence of NAPL was initially assessed utilizing an oil/water interface probe. In addition, monitoring wells within the Facility (MW18 nest, MW19 nest, MW27 nest, and MW113S3) were further assessed with indicator paste and disposable bailers. Measurements were recorded in the field logbook. The procedures for determining the presence and recording the thicknesses of NAPL are detailed in the SAP.

Light non-aqueous phase liquid (LNAPL) was not detected in any of the monitoring wells located on the Site property or surrounding area, including MW113S3, which was specifically added to the LNAPL screening during this event at the request of the U.S. EPA (letter from U.S. EPA dated February 9, 2012).

Historically, dense non-aqueous phase liquid (DNAPL) was detected or suspected in several on-Site monitoring wells. DNAPL measurements and related observations are detailed in Section 4.2.

[3] i.e., monitoring wells representative of the lowest general historical contaminant concentrations.

3.2 GROUNDWATER SAMPLING

Low flow/minimal drawdown sampling techniques were utilized for the collection of groundwater samples. The procedures used for groundwater sampling are detailed in the SAP. Most of the monitoring wells were purged and sampled using dedicated bladder pumps. Monitoring wells screened within a perched water zone beneath the Site (formerly referred to as the S4 stratigraphic unit) and monitoring wells not configured with bladder pumps were purged using a dedicated or disposable bailer or a submersible stainless steel pump. During the purging process, field parameters consisting of pH, dissolved oxygen, turbidity, conductivity, temperature, and oxidation-reduction potential (ORP) were measured to determine stabilization. When a bailer was used to purge a monitoring well, pH, conductivity, and temperature were recorded. Field parameter data collected during the Spring biennial 2013 event were recorded electronically. Table 4 provides a summary of monitoring well purging parameters. Groundwater samples were collected from 118 monitoring wells, 12 interceptor wells, and six neighboring property water wells.

Groundwater samples were also collected from three production wells at the Westar facility, two production wells at Air Products and one water well at Builders. Table 5 provides a sample key.

Groundwater samples could not be collected from 10 monitoring wells for the reasons noted below.

MW05S4	Well was dry
MW08S4	Well was dry
MW09S4	Well was dry
MW15S4	Well was dry
MW18S4	Well was dry
MW19S3	Obstruction in well
MW19S4	Obstruction in well
MW21S4R	Well was dry
MW22S4	Well was dry
MW24S4	Well was dry

4.0 SUMMARY OF FINDINGS

The following sections present the data obtained during the Spring biennial groundwater monitoring event of 2013.

4.1 GROUNDWATER FLOW

Utilizing the May 2013 water level data, groundwater elevation contour maps for the S1 and S2/S3 sand layers have been produced. These contours are presented on Figures 4 and 5. Based on a review of the previous and the most recent biennial groundwater elevation contour and sampling data, the existing interim corrective measure (ICM) appears to maintain substantially effective groundwater capture.

Two interceptor wells, IW29 and IW36, extract groundwater from the deep aquifer (S1). As shown on Figure 4, the groundwater contours generated from water level data collected from nearby monitoring wells illustrate a radial flow inward towards these two interceptor wells.

The shallower aquifer (S2/S3) extraction system is comprised of ten interceptor wells: IW30, IW31, IW32, IW35A, IW35B, IW40, IW41, IW42, IW43 (600), and IW44 (650). As shown on Figure 5, the groundwater contours generated from water level data collected from nearby monitoring wells generally illustrate an inward radial flow towards these interceptor wells.

4.2 DETECTIONS/MEASUREMENTS OF DENSE NON-AQUEOUS PHASE LIQUID (DNAPL)

DNAPL measurements and observations were recorded prior to purging the wells and collecting groundwater samples. Monitoring wells which historically had contained DNAPL (well nests MW18, MW19, and MW27) were initially evaluated using an oil/water interface meter and then checked for the presence of DNAPL using indicator paste, which has been found to be sensitive to DNAPL at this site. To that end, the presence of DNAPL has been confirmed in monitoring well MW27S1 (1.5 feet in May 2013 estimated), and MW27S2 (1.9 feet in May 2013 estimated). DNAPL levels could not be measured at monitoring well MW18S4 because it was dry. DNAPL was not detected at MW-113S3, MW18S1, MW18S3, or the MW19 well nest.

4.3 GROUNDWATER SAMPLING

All of the COCs, with the exception of 2,4,5-trichlorophenol and 2,5-dichlorophenol were detected during this monitoring event. The resultant data are summarized in Table 6, with the specific detections that exceeded the Maximum Contaminant Level (MCL)[4] or Regional Screening Level (RSL) highlighted. Copies of the original laboratory analytical reports are provided in CD format as Appendix B. Continental Analytical Services (CAS) performed the analyses of the groundwater samples. CAS is accredited by the National Environmental Laboratory Accreditation Program (NELAP) for the analyses identified in this report as confirmed by the project Quality Assurance (QA) officer.

4.3.1 ANALYTICAL DATA ASSESSMENT/VALIDATION

Data validation was conducted in accordance with methods and techniques detailed within the U.S. EPA-approved Quality, Assurance Project Plan (QAPP). The data assessment included a review of all technical holding times and all batch and matrix quality control (QC) information including rinse blanks, trip blanks, field duplicates, matrix spike/matrix spike duplicates (MS/MSD), matrix duplicates, surrogate recoveries, method blanks, and laboratory control sample (LCS) results. The assessment of analytical data included checks on data consistency by looking for the comparability of field duplicate analyses and adherence to laboratory accuracy and precision control criteria.

The data validation report, provided in CD format as Appendix C, summarizes the samples reviewed, parameters reviewed, any non-conformances with the established criteria, and validation actions (including the use of data qualifiers).

[4] In the case of chloroform and chloride, reported concentrations were compared to the Maximum Contaminant Level Goal (MCLG) and secondary MCL, respectively.

5.0 CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

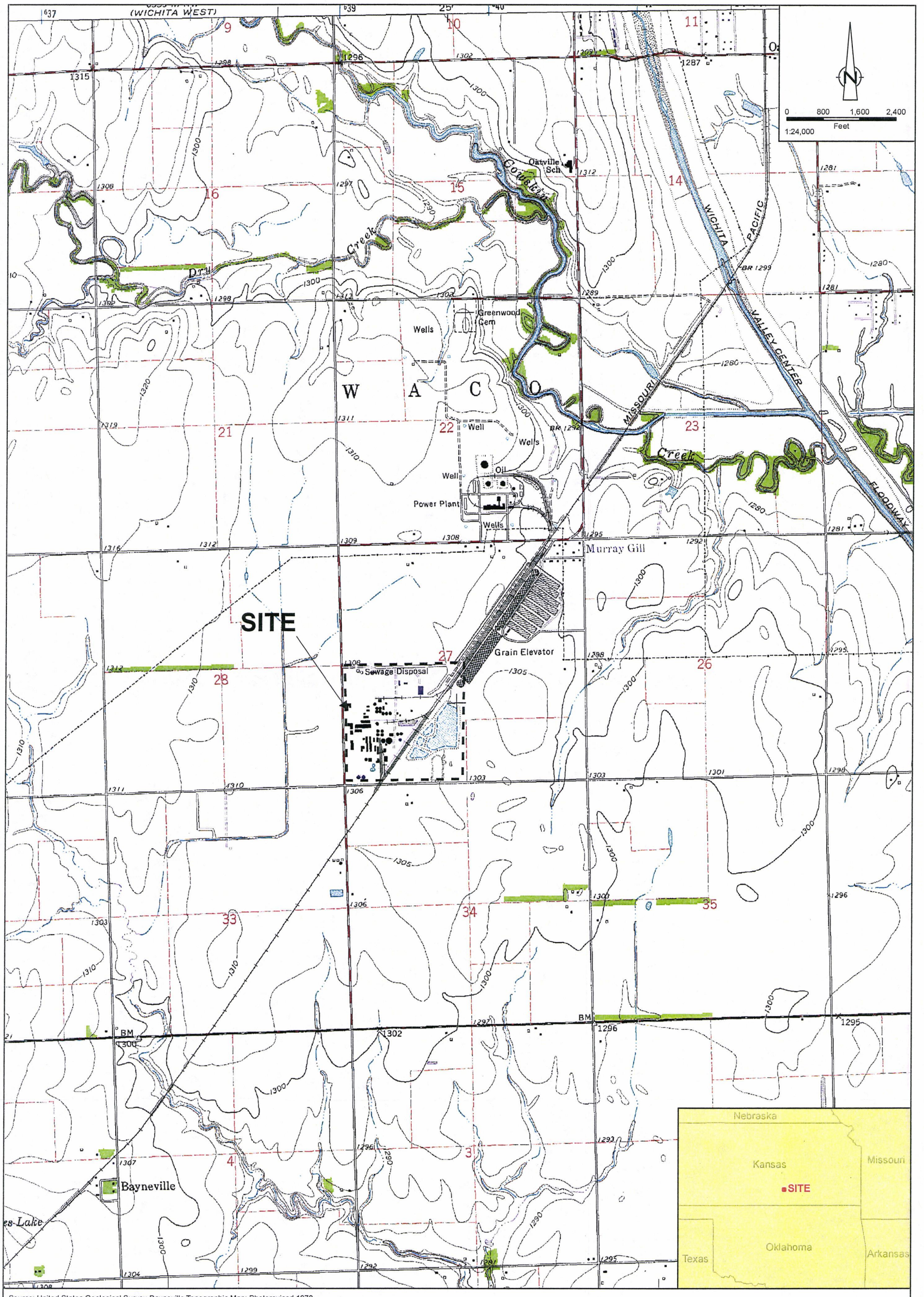
Mike Anderson

Printed Name

Signature

August 22, 2013

Date



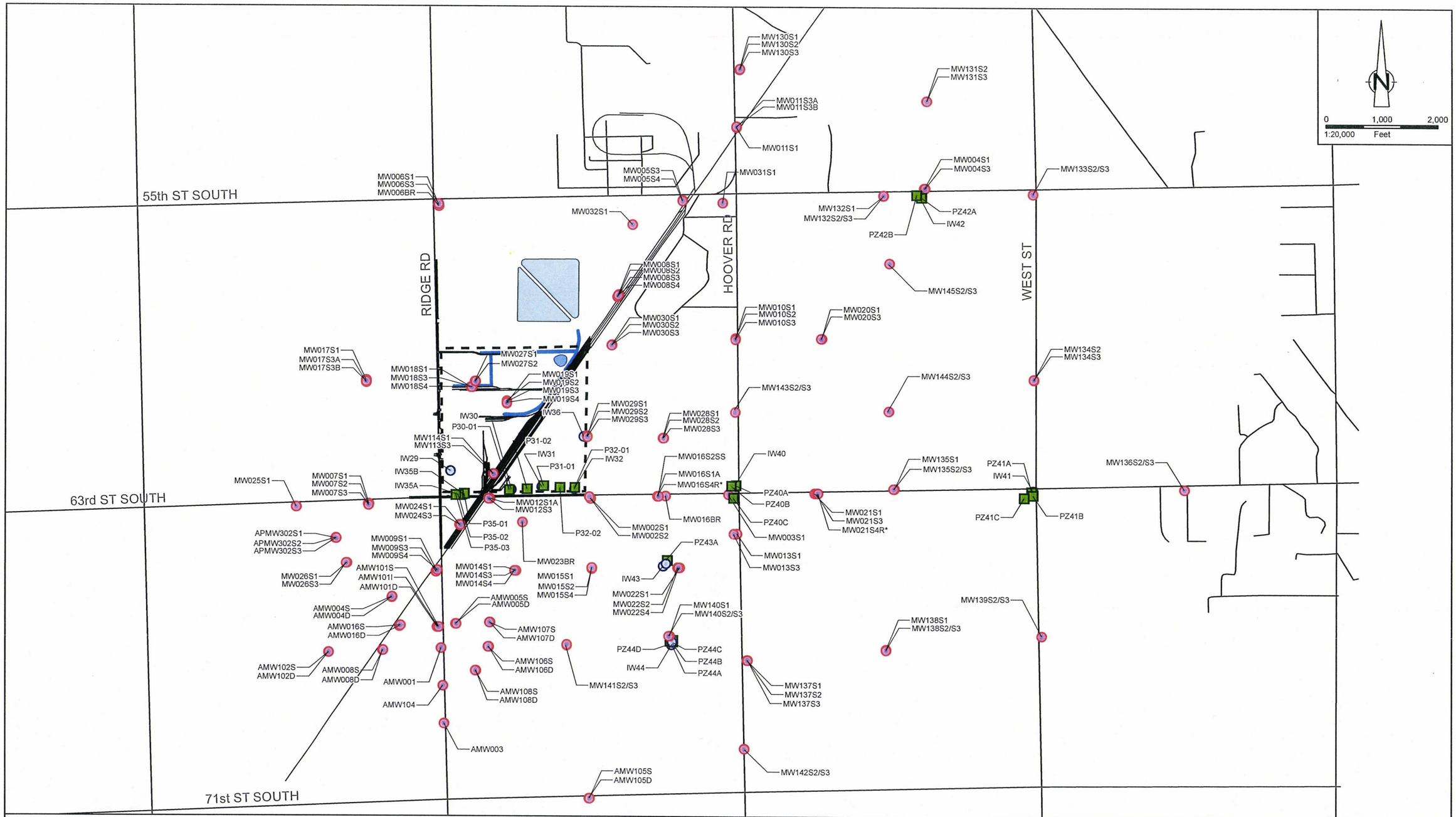
Source: United States Geological Survey Bayneville Topographic Map; Photorevised 1970

figure 1

SITE LOCATION MAP
OCCIDENTAL CHEMICAL CORPORATION
Wichita, Kansas

CRA

054046-00(REP040)GIS-OT008 July 12, 2013



Datum: NAD 83 Projection: State Plane Kansas South

Legend

- Interceptor Well Locations
- Monitoring Well Locations
- Piezometer Locations
- Approximate Site Boundary
- Drainage Ditch
- Roads
- Railroad
- Storm Ponds

*Monitoring well abandoned and replaced in March 2013. Replacement wells have not been surveyed at the time of this report. Locations of wells approximate.

figure 2

MONITORING WELL, INTERCEPTOR WELL, AND PIEZOMETER LOCATIONS
OCCIDENTAL CHEMICAL CORPORATION
Wichita, Kansas

054046-00(REP040)GIS-OT009 August 08, 2013

Source: National Agriculture Imagery Program (NAIP) Sedgwick County 2010 Mosaic provided by the United States Department of Agriculture (USDA), 2010Datum: NAD 83 Projection: State Plane Kansas South

figure 3

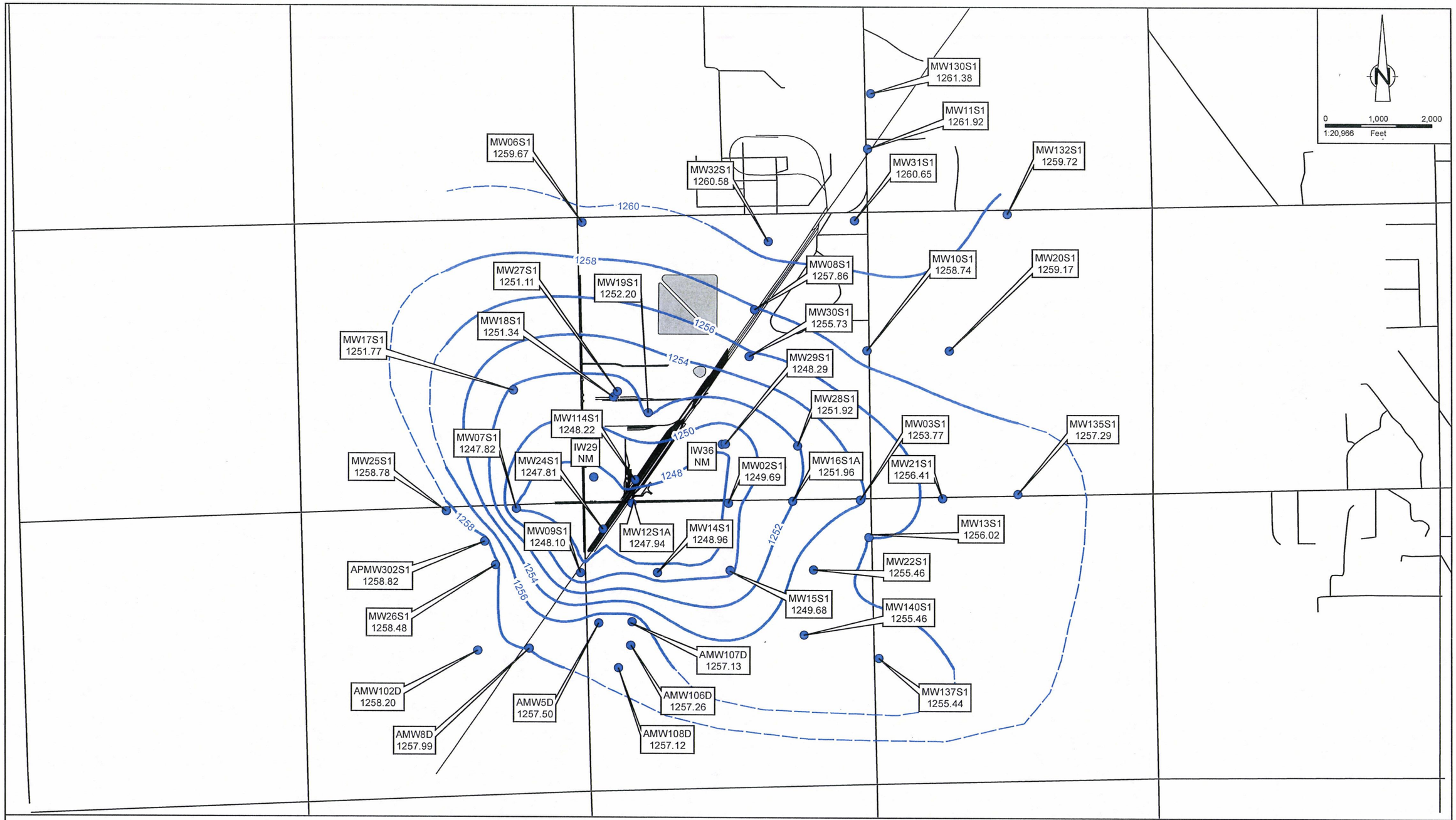
Legend

- Interceptor Well
- Monitoring Well
- Approximate Site Boundary
- Roads
- Railroad

*Monitoring well abandoned and replaced in March 2013. Replacement wells have not been surveyed at the time of this report. Locations of wells approximate.

MONITORING AND INTERCEPTOR WELL LOCATIONS
BIENNIAL GROUNDWATER MONITORING EVENTS
OCCIDENTAL CHEMICAL CORPORATION
Wichita, Kansas

054046-00(REP040)GIS-OT010 July 12, 2013



Legend

- Sand Zone 1 Locations
- S1 Contours
- Roads
- Railroad
- Storm Ponds

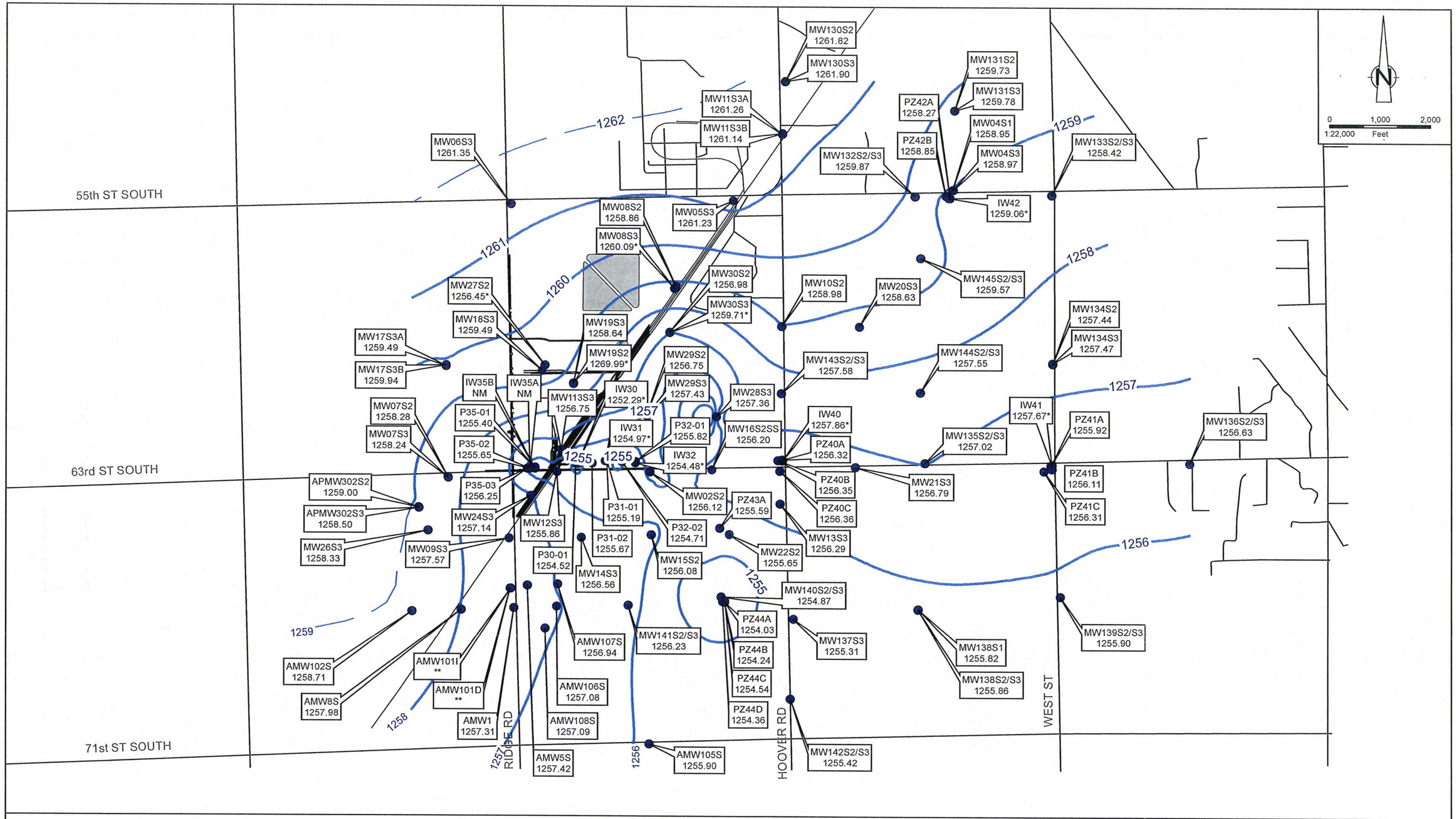
ID
WATER LEVEL (ft MSL)

NM - Not Measured
Interceptor wells not used for contours

figure 4

MAY 2013 GROUNDWATER CONTOURS - DEEP (S1) SCREENED SAND UNIT INTERVAL
OCCIDENTAL CHEMICAL CORPORATION
Wichita, Kansas

054046-00(REP040)GIS-OT002 July 16, 2013



Legend

- Sand Zone 2/3 Locations
- S2/S3 Contours
- Roads
- Railroad
- Storm Ponds

ID
WATER LEVEL (ft MSL)

NM - Not measured
* - Water level not used in contouring
** - Converted to flushmount; reference elevation unavailable

figure 5

MAY 2013 GROUNDWATER CONTOURS – INTERMEDIATE (S2/S3) SCREENED SAND UNIT INTERVAL
OCCIDENTAL CHEMICAL CORPORATION
Wichita, Kansas

054046-00(REP040)GIS-OT004 August 07, 2013

TABLE 1

GROUNDWATER MONITORING EVENTS SCHEDULE
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Year	*Spring*	*Fall*
2011	Biennial[1]	Semi-Annual
2012	Annual	Semi-Annual
2013	Biennial	Semi-Annual
2014	Annual	Semi-Annual
2015	Biennial	Semi-Annual
2016	Annual	Semi-Annual

[1] A "Bienniel Event" as set out by "Sampling and Analysis Plan Routine Groundwater sampling Plan RCRA Corrective Action Program" March 9, 2012.

TABLE 2

SUMMARY OF MONITORING WELL CONSTRUCTION DATA
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Installation Date*	*Sand Unit*	*Northing*	*Easting*	*Top of Casing Elevation (ft AMSL)* [1]	*Total Depth (ft BGS)* [2]	*Diameter (inches)*	*Top of Screen (ft BGS)*	*Base of Screen (ft BGS)*
IW29[3]	12/23/1991	S1	1646614.5773	1623873.5307	1309.48	111.00	16.00	95.0	105.0
IW30	4/3/1986	S2/S3	1646288.5656	1624972.7905	1315.25	74.00	16.00	56.0	74.0
IW31	10/11/1977	S2/S3	1646341.5296	1625508.7554	1315.47	77.00	16.00	58.0	74.0
IW32	8/11/1995	S2/S3	1646307.7216	1626100.5395	1313.78	75.60	16.00	56.0	76.0
IW35A	6/28/1983	S2/S3	1646187.1026	1624027.9391	1309.06	74.00	16.00	52.5	72.5
IW35B	12/3/1996	S2/S3	1646190.995	1624126.9233	1309.08	70.00	16.00	46.0	66.0
IW36	6/23/2003	S1	1647232.5176	1626263.8998	1309.15	101.00	12.00	91.0	101.0
IW40	3/4/2003	S2/S3	1646522.7287	1629150.9634	1306.77	83.00	12.00	73.0	83.0
IW41	2/18/2003	S2/S3	1646289.0136	1634262.7012	1303.07	58.00	12.00	48.0	58.0
IW42	2/20/2003	S2/S3	1651492.9999	1632247.8862	1295.27	54.00	12.00	39.0	54.0
IW43	3/23/2011	S2/S3	1644982.4160	1627737.0289	1305.93	82.50	16.00	62.0	82.0
IW44	3/30/2011	S2/S3	1643587.8118	1627849.1557	1304.84	80.00	16.00	59.0	79.0
MW02S1	10/5/1983	S1	1646139.1092	1626385.8231	1306.54	101.20	2.00	85.0	95.0
MW02S2	10/5/1983	S2/S3	1646131.7673	1626385.0749	1306.93	65.00	2.00	45.0	65.0
MW03S1	3/3/1977	S1	1646209.747	1628847.2777	1306.87	105.33	6.00	89.7	99.7
MW04S1	2/21/1991	S1	1651654.5063	1632319.5291	1290.96	65.80	2.00	51.5	61.5
MW04S3	3/3/1977	S2/S3	1651653.8914	1632330.3734	1291.17	35.00	2.00	25.0	35.0
MW05S3	3/3/1977	S2/S3	1651434.4841	1628016.5404	1302.42	47.60	6.00	37.5	47.5
MW05S4	2/15/1991	S4	1651423.9004	1628011.8282	1301.37	24.00	2.00	17.0	24.0
MW06BR	NA[4]	BR	1651319.0266	1623652.898	1310.34	NA	6.00	NA	NA
MW06S1	3/3/1977	S1	1651343.5609	1623650.5457	1310.88	100.00	6.00	76.0	86.0
MW06S3	3/3/1977	S2/S3	1651353.9237	1623649.2436	1310.77	60.00	6.00	50.0	60.0
MW07S1	2/15/1991	S1	1646029.1244	1622430.9461	1307.52	114.00	2.00	106.0	111.0
MW07S2	3/3/1977	S2/S3	1646020.2484	1622422.0335	1306.33	86.50	6.00	76.5	86.5
MW07S3	3/3/1977	S2/S3	1646008.4935	1622423.1202	1306.39	61.00	6.00	51.0	61.0
MW08S1	9/28/1983	S1	1649732.9124	1626869.4397	1307.43	106.00	2.00	97.0	102.0
MW08S2	2/14/1991	S2/S3	1649758.7278	1626888.7447	1307.71	84.00	2.00	72.0	82.0
MW08S3	3/3/1977	S2/S3	1649715.5916	1626857.1997	1308.44	58.40	6.00	48.3	58.3
MW08S4	1/8/1990	S4	1649744.7673	1626877.2577	1307.50	35.00	2.00	24.7	34.7
MW09S1	9/29/1983	S1	1644843.9759	1623638.6623	1307.15	115.00	2.00	100.0	110.0
MW09S3	3/3/1977	S2/S3	1644826.3195	1623625.6479	1307.04	82.60	6.00	72.5	82.5
MW09S4	4/28/1988	S4	1644854.2437	1623645.9475	1308.57	41.50	2.00	36.5	41.5
MW10S1	2/9/1991	S1	1648975.783	1628969.7898	1299.25	107.00	2.00	93.0	107.0
MW10S2	3/3/1977	S2/S3	1648985.4337	1628970.4195	1298.59	68.00	2.00	58.0	68.0
MW10S3	3/3/1977	S2/S3	1648962.4567	1628968.2457	1298.84	45.70	2.00	35.7	45.7
MW11S1	2/6/1991	S1	1652728.0849	1628981.0026	1290.94	84.80	2.00	70.5	80.5
MW11S3A	3/3/1977	S2/S3	1652735.6273	1628980.564	1291.35	55.00	6.00	45.0	55.0
MW11S3B	3/3/1977	S4	1652746.6358	1628981.1088	1290.82	35.00	6.00	25.0	35.0
MW12S1A	3/3/1977	S1	1646131.0019	1624584.3919	1310.00	100.00	2.00	81.9	91.9
MW12S3	10/4/1983	S2/S3	1646130.5595	1624560.0619	1308.26	70.00	6.00	46.0	66.0
MW13S1	1/9/1990	S1	1645518.791	162010.0824	1304.34	111.50	2.00	99.0	109.0
MW13S3	3/3/1977	S2/S3	1645509.9341	1628974.9501	1308.01	68.73	6.00	54.1	64.1
MW14S1	10/28/1987	S1	1644848.7658	1625061.3014	1310.46	102.00	2.00	92.0	102.0

TABLE 2

SUMMARY OF MONITORING WELL CONSTRUCTION DATA
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Installation Date*	*Sand Unit*	*Northing*	*Easting*	*Top of Casing Elevation (ft AMSL)* [1]	*Total Depth (ft BGS)* [2]	*Diameter (inches)*	*Top of Screen (ft BGS)*	*Base of Screen (ft BGS)*
MW14S3	10/28/1987	S2/S3	1644847.9489	1625040.7124	1308.54	72.00	2.00	62.0	72.0
MW15S1	10/28/1987	S1	1644890.9573	1626416.0905	1306.23	100.00	2.00	88.0	98.0
MW15S2	10/28/1987	S2/S3	1644899.7421	1626415.4886	1305.98	74.00	2.00	64.0	74.0
MW15S4	4/28/1988	S4	1644909.7566	1626415.2803	1307.97	40.00	2.00	33.0	38.0
MW16BR	2/9/1990	BR	1646182.1112	1627725.6715	1305.07	148.00	2.00	123.0	138.0
MW16S1A	1/11/2002	S1	1646177.5404	1627582.1846	1306.67	100.00	2.00	92.0	97.0
MW16S2SS	10/28/1987	S2/S3	1646179.5445	1627598.1963	1305.95	80.00	2.00	70.0	80.0
MW16S4R[5]	3/19/2013	S4	NA	NA	NA	40.00	2.00	35.0	40.0
MW17S1	12/19/1989	S1	1648220.7403	1622376.1826	1307.16	119.00	2.00	101.0	118.0
MW17S3A	12/20/1989	S2/S3	1648184.2818	1622376.6061	1307.31	83.00	2.00	67.5	80.0
MW17S3B	12/19/1989	S2/S3	1648202.9058	1622377.2311	1307.08	58.00	2.00	38.0	55.0
MW18S1	1/23/1990	S1	1648105.7148	1624237.4907	1308.25	103.00	2.00	93.0	103.0
MW18S3	1/26/1990	S2/S3	1648105.1881	1624265.6371	1309.17	66.00	2.00	54.3	64.3
MW18S4	1/24/1990	S4	1648105.7518	1624252.0773	1309.20	34.30	2.00	29.3	34.3
MW19S1	1/13/1990	S1	1647815.7833	1624880.7948	1310.34	104.00	2.00	89.0	104.0
MW19S2	1/15/1990	S2/S3	1647859.3862	1624883.6544	1310.26	83.00	2.00	73.0	83.0
MW19S3	1/16/1990	S2/S3	1647843.7556	1624882.2868	1310.54	55.00	2.00	45.0	55.0
MW19S4	1/14/1990	S4	1647828.7725	1624881.2817	1310.01	35.74	2.00	30.7	35.7
MW20S1	1/28/1990	S1	1648978.272	1630500.9935	1305.81	101.00	2.00	84.5	99.5
MW20S3	1/28/1990	S2/S3	1648977.7447	1630490.8299	1305.45	67.00	2.00	57.0	67.0
MW21S1	1/14/1990	S1	1646234.9591	1630382.1006	1299.58	108.00	2.00	98.2	108.2
MW21S3	1/15/1990	S2/S3	1646234.5347	1630417.1166	1299.26	58.25	2.00	48.3	58.3
MW21S4R[5]	3/20/2013	S4	NA	NA	NA	37.50	2.00	27.5	37.5
MW22S1	1/5/1990	S1	1644911.0683	1627980.2105	1304.12	111.00	2.00	96.0	111.0
MW22S2	1/6/1990	S2/S3	1644912.2625	1627942.2812	1304.55	85.00	2.00	70.0	85.0
MW22S4	1/5/1990	S4	1644911.9911	1627960.3841	1304.16	36.00	2.00	26.0	36.0
MW23BR	NA	BR	1645711.4736	1625167.807	1309.67	NA	2.00	NA	NA
MW24S1	6/3/1990	S1	1645650.6212	1624052.7606	1309.32	100.00	2.00	87.3	97.3
MW24S3	6/4/1990	S2/S3	1645659.2857	1624044.5251	1308.22	67.50	2.00	56.0	66.0
MW24S4	6/5/1990	S4	1645658.9513	1624056.3458	1308.73	40.40	2.00	31.5	36.5
MW25S1	4/13/1993	S1	1645974.6016	1621124.8449	1311.63	120.00	2.00	107.0	117.0
MW26S1	4/16/1993	S1	1644978.9381	1622044.1862	1308.74	116.00	2.00	101.0	111.0
MW26S3	5/27/1993	S2/S3	1644976.3579	1622025.5931	1308.93	60.00	2.00	49.0	59.0
MW27S1	8/16/1977	S1	1648205.265	1624309.912	1309.23	109.00	6.00	97.0	107.0
MW27S2	10/6/1977	S2/S3	1648206.8451	1624317.3679	1309.49	87.00	6.00	77.0	83.0
MW28S1	11/20/1996	S1	1647212.2402	1627674.818	1309.34	108.50	2.00	93.0	108.0
MW28S2	11/20/1996	S2/S3	1647211.9419	1627679.5075	1309.44	84.00	2.00	74.0	84.0
MW28S3	11/20/1996	S2/S3	1647211.6087	1627684.4502	1309.51	63.00	2.00	53.0	63.0
MW29S1	11/20/1996	S1	1647239.8234	1626323.4393	1305.39	99.00	2.00	88.0	98.0
MW29S2	11/20/1996	S2/S3	1647244.7544	1626322.7595	1305.46	72.00	2.00	57.0	72.0
MW29S3	11/20/1996	S2/S3	164227.0676	1626325.192	1306.58	55.50	2.00	44.0	54.0
MW30S1	11/20/1996	S1	1648862.2343	1626767.2155	1310.00	108.00	2.00	98.0	108.0
MW30S2	1/9/1997	S2/S3	1648858.178	1626764.4302	1309.95	80.00	2.00	70.0	80.0

TABLE 2

SUMMARY OF MONITORING WELL CONSTRUCTION DATA
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Installation Date*	*Sand Unit*	*Northing*	*Easting*	*Top of Casing Elevation (ft AMSL)* [1]	*Total Depth (ft BGS)* [2]	*Diameter (inches)*	*Top of Screen (ft BGS)*	*Base of Screen (ft BGS)*
MW30S3	1/9/1997	S2/S3	1648854.3753	1626761.5076	1310.05	54.00	2.00	44.0	54.0
MW31S1	11/20/1996	S1	1651390.6746	1628731.9635	1298.06	92.00	2.00	77.0	92.0
MW32S1	11/20/1996	S1	1651001.755	1627126.119	1307.08	95.00	2.00	85.0	95.0
MW113S3	7/15/1971	S2/S3	1646564.439	1624643.2299	1309.26	68.50	5.00	63.5	68.5
MW114S1	NA	S1	1646569.6097	1624646.5667	1308.98	NA	5.00	NA	NA
MW130S1	1/10/2002	S1	1653757.5609	1629036.0906	1284.92	73.00	2.00	55.0	70.0
MW130S2	1/10/2002	S2/S3	1653762.6188	1629039.5427	1284.95	44.00	2.00	38.0	43.0
MW130S3	1/10/2002	S2/S3	1653767.6449	1629042.4803	1284.89	35.00	2.00	25.0	35.0
MW131S2	12/12/2001	S2/S3	1653205.5649	1632360.1384	1281.73	55.00	2.00	47.5	51.5
MW131S3	12/13/2001	S2/S3	1653203.6153	1632357.5178	1281.49	45.00	2.00	40.0	45.0
MW132S1	12/10/2001	S1	1651520.6921	1631591.2567	1295.75	84.00	2.00	66.0	76.0
MW132S2/S3	12/12/2001	S2/S3	1651526.7527	1631591.8445	1295.87	50.50	2.00	35.0	50.0
MW133S2/S3	1/7/2002	S2/S3	1651557.5176	1634254.985	1284.05	42.00	2.00	26.0	36.0
MW134S2	12/19/2001	S2/S3	1648258.3774	1634277.3954	1302.31	59.00	2.00	47.0	50.0
MW134S3	12/19/2001	S2/S3	1648264.6729	1634277.0804	1302.29	45.00	2.00	35.0	45.0
MW135S1	12/17/2001	S1	1646318.2233	1631790.5887	1302.60	104.00	2.00	95.0	100.0
MW135S2/S3	12/17/2001	S2/S3	1646317.6866	1631782.2204	1302.62	58.00	2.00	41.5	56.5
MW136S2/S3	1/8/2002	S2/S3	1646322.937	1636971.8586	1287.43	51.00	2.00	30.0	45.0
MW137S1	12/31/2001	S1	1643270.2892	1629194.7957	1304.99	117.50	2.00	109.0	112.0
MW137S2	12/14/2001	S1	1643270.6855	1629198.5363	1304.92	103.00	2.00	95.0	102.0
MW137S3	12/14/2001	S2/S3	1643271.5196	1629202.8418	1304.88	81.00	2.00	60.0	80.0
MW138S1	12/16/2001	S2/S3	1643464.7015	1631653.7121	1298.82	89.00	2.00	74.5	84.5
MW138S2/S3	12/16/2001	S2/S3	1643458.2501	1631655.6947	1298.83	61.00	2.00	50.0	60.0
MW139S2/S3	1/9/2002	S2/S3	1643717.4133	1634428.0369	1299.13	63.00	2.00	38.5	53.5
MW140S1	4/13/2010	S2/S3	1643699.7696	1627805.3267	1304.95	98.50	2.00	87.5	93.5
MW140S2/S3	4/15/2010	S2/S3	1643699.4730	1627787.0997	1304.76	79.00	2.00	69.0	79.0
MW141S2/S3	3/18/2011	S2/S3	1643528.2929	1625965.0799	1307.86	90.00	2.00	79.0	89.0
MW142S2/S3	3/20/2011	S2/S3	1641701.6139	1629148.8546	1297.03	90.00	2.00	72.0	82.0
MW143S2/S3	3/20/2011	S2/S3	1647670.1598	1628967.4074	1300.32	75.00	2.00	63.0	68.0
MW144S2/S3	3/22/2011	S2/S3	1647692.5703	1631690.1246	1303.64	65.00	2.00	47.0	57.0
MW145S2/S3	3/21/2011	S2/S3	1650322.9712	1631696.7776	1291.12	60.00	2.00	48.0	53.0
Abbott Monitoring Wells									
AMW1	9/26/1979	S2/S3	1643473.2174	1623720.6995	1307.77	82.00	5.26	63.0	78.0
AMW3	9/27/1979	S1/S2	1642132.465	1623772.8753	1308.25	128.00	5.00	64.0	124.0
AMW4D	9/27/1979	S1	1644375.0091	1622848.6438	1309.27	107.00	5.26	83.0	103.0
AMW4S	9/27/1979	S2/S3	1644385.0229	1622852.0093	1309.17	75.92	5.26	52.0	72.0
AMW5D	9/28/1979	S1	1643908.4946	1623976.6203	1307.57	97.50	5.26	84.0	97.0
AMW5S	9/28/1979	S2/S3	1643908.6536	1623986.4754	1307.50	79.80	5.26	NA	NA
AMW8D	9/26/1979	S1	1643433.8532	1622679.7084	1307.74	123.00	5.26	99.0	119.0
AMW8S	9/26/1979	S2/S3	1643434.9098	1622690.24	1307.70	83.00	5.26	58.0	78.0
AMW16D	9/25/1979	S1	1643859.7111	1622989.4302	1308.97	109.49	6.00	NA	NA

TABLE 2

SUMMARY OF MONITORING WELL CONSTRUCTION DATA
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Installation Date*	*Sand Unit*	*Northing*	*Easting*	*Top of Casing Elevation (ft AMSL)* [1]	*Total Depth (ft BGS)* [2]	*Diameter (inches)*	*Top of Screen (ft BGS)*	*Base of Screen (ft BGS)*
AMW16S	9/25/1979	S2/S3	1643878.9725	1623005.1842	1309.02	76.20	6.00	NA	NA
AMW101D	10/25/1983	S2/S3	1644022.7893	1623813.6948	NA	108.00	4.25	71.0	92.0
AMW101I	10/25/1983	S2/S3	1643849.1135	1623662.1572	NA	60.18	4.25	NA	NA
AMW101S	10/25/1983	S4	1643849.6738	1623675.4885	NA	46.20	4.25	NA	NA
AMW102D	10/28/1983	S1	1643395.1918	1621714.7922	1310.40	147.00	4.25	96.0	110.0
AMW102S	10/28/1983	S2/S3	1643395.5966	1621722.189	1310.31	NA	4.25	44.0	58.0
AMW104	11/20/1983	S1/S2/S3	1642807.403	1623754.9999	1306.09	114.50	4.25	49.0	106.0
AMW105D	12/5/1983	S1/S2	1640818.1214	1626369.6145	1300.31	113.00	5.26	80.0	111.0
AMW105S	12/5/1983	S2/S3	1640818.1818	1626379.9679	1300.10	55.00	5.26	NA	NA
AMW106D	5/6/1991	S1	1643499.5249	1624567.5992	1307.16	100.00	2.00	83.3	98.3
AMW106S	5/7/1991	S2/S3	1643499.8552	1624556.6769	1306.93	75.00	2.00	47.9	72.9
AMW107D	5/11/1991	S1	1643936.3312	1624590.2942	1305.66	103.00	2.00	91.9	101.9
AMW107S	5/14/1991	S2/S3	1643936.387	1624579.4246	1305.64	72.00	2.00	46.3	71.3
AMW108D	9/26/1991	S1	1643076.9529	1624341.3298	1307.13	106.00	2.00	84.0	104.0
AMW108S	9/27/1991	S2/S3	1643076.0621	1624330.3861	1307.34	70.00	2.00	47.0	67.0
APMW302S1	9/12/1997	S1	1645416.7424	1621838.5251	1307.93	124.00	6.00	114.0	124.0
APMW302S2	9/12/1997	S2/S3	1645423.98	1621844.7084	1307.98	105.50	6.00	95.5	105.5
APMW302S3	9/12/1997	S2/S3	1645415.8025	1621849.2904	1307.74	85.00	6.00	75.0	85.0
Piezometers									
PZ40A	4/12/2010	S2/S3	1646372.282	1628985.5631	1305.68	78.00	1.00	73.0	78.0
PZ40B	4/13/2010	S2/S3	1646363.6676	1628905.8973	1305.36	78.00	1.00	73.0	78.0
PZ40C	4/13/2010	S2/S3	1646152.4257	1628942.4778	1305.81	74.00	1.00	69.0	74.0
PZ41A	4/14/2010	S2/S3	1646273.1772	1634243.9014	1301.91	56.00	1.00	51.0	56.0
PZ41B	4/14/2010	S2/S3	1646211.2672	1634263.4534	1301.74	56.00	1.00	51.0	56.0
PZ41C	4/14/2010	S2/S3	1646164.9105	1634106.9346	1303.67	55.00	1.00	50.0	55.0
PZ42A	4/15/2010	S2/S3	1651492.6366	1632272.3917	1294.95	48.00	1.00	43.0	48.0
PZ42B	4/15/2010	S2/S3	1651537.6451	1632188.7724	1292.29	50.00	1.00	45.0	50.0
PZ43A	3/15/2011	S2/S3	1645037.3334	1627757.1290	1306.00	85.00	2.00	69.0	79.0
PZ44A	3/15/2011	S2/S3	1643595.3890	1627857.2728	1303.57	75.00	2.00	63.0	73.0
PZ44B	3/18/2011	S2/S3	1643607.8916	1627850.5864	1303.93	75.00	2.00	63.0	73.0
PZ44C	3/17/2011	S2/S3	1643623.2075	1627860.9680	1303.75	75.00	2.00	63.0	73.0
PZ44D	3/17/2011	S2/S3	1643603.7984	1627817.1685	1303.38	75.00	2.00	63.0	73.0

Notes: top of casing elevations resurveyed in 2010.
[1]ft AMSL - feet above mean sea level
[2]ft BGS - feet below ground surface
[3] IW - interceptor well
[4] NA - not available
[5] Monitoring Wells MW16S4 and MW21S4 were abandoned and replaced with monitoring wells MW16S4R and MW21S4R. The replacement wells have not been surveyed at the time of this report.

TABLE 3

SUMMARY OF GROUNDWATER ELEVATIONS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Sand Unit*	*Reference Elevation (ft AMSL)* [1]	*Depth to Water (ft BTOC)* [2]	*Groundwater Elevation (ft AMSL)*
AMW1	S2/S3	1307.77	50.46	1257.31
AMW3	S1/S2	1308.25	50.90	1257.35
AMW4D	S1	1309.27	NM[3]	NA
AMW4S	S2/S3	1309.17	NM	NM
AMW5D	S1	1307.57	50.07	1257.50
AMW5S	S2/S3	1307.50	50.08	1257.42
AMW8D	S1	1307.74	49.75	1257.99
AMW8S	S2/S3	1307.70	49.72	1257.98
AMW16D	S1	1308.98	NM	NM
AMW16S	S2/S3	1309.02	NM	NM
AMW101D	S2/S3	--- [4]	48.57	---
AMW101I	S2/S3	--- [4]	48.83	---
AMW101S	S4	--- [4]	46.41	---
AMW102D	S1	1310.40	52.20	1258.20
AMW102S	S2/S3	1310.31	51.60	1258.71
AMW104	S1/S2/S3	1306.09	48.60	1257.49
AMW105D	S1/S2	1300.31	44.50	1255.81
AMW105S	S2/S3	1300.10	44.20	1255.90
AMW106D	S1	1307.16	49.90	1257.26
AMW106S	S2/S3	1306.93	49.85	1257.08
AMW107D	S1	1305.66	48.53	1257.13
AMW107S	S2/S3	1305.64	48.70	1256.94
AMW108D	S1	1307.13	50.01	1257.12
AMW108S	S2/S3	1307.34	50.25	1257.09
APMW302S1	S1	1307.93	49.11	1258.82
APMW302S2	S2/S3	1307.98	48.98	1259.00
APMW302S3	S2/S3	1307.74	49.24	1258.50
IW29	S1	1309.48	NM	NM
IW30	S2/S3	1315.25	62.96	1252.29
IW31	S2/S3	1315.47	60.50	1254.97
IW32	S2/S3	1313.78	59.30	1254.48
IW35A	S2/S3	1309.06	NM	NM
IW35B	S2/S3	1309.08	NM	NM
IW36	S1	1309.15	63.40	1245.75
IW40	S2/S3	1306.77	48.91	1257.86
IW41	S2/S3	1303.07	45.40	1257.67
IW42	S2/S3	1295.27	36.21	1259.06
IW43	S2/S3	1295.27	NM	NM

TABLE 3

SUMMARY OF GROUNDWATER ELEVATIONS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Sand Unit*	*Reference Elevation (ft AMSL)* [1]	*Depth to Water (ft BTOC)* [2]	*Groundwater Elevation (ft AMSL)*
IW44	S2/S3	1295.27	NM	NM
MW02S1	S1	1306.54	56.85	1249.69
MW02S2	S2/S3	1306.93	50.81	1256.12
MW02S3	S2/S3	1306.90	NM	NM
MW03S1	S1	1306.87	53.10	1253.77
MW04S1	S2/S3	1290.96	32.01	1258.95
MW04S3	S2/S3	1291.18	32.21	1258.97
MW05S3	S2/S3	1302.43	41.20	1261.23
MW05S4	S4	1301.38	25.73	1275.65
MW06BR	BR	1310.35	49.00	1261.35
MW06S1	S1	1310.88	51.21	1259.67
MW06S3	S2/S3	1310.78	49.43	1261.35
MW07S1	S1	1307.52	59.70	1247.82
MW07S2	S2/S3	1306.33	48.05	1258.28
MW07S3	S2/S3	1306.39	48.15	1258.24
MW08S1	S1	1307.44	49.58	1257.86
MW08S2	S2/S3	1307.71	48.85	1258.86
MW08S3	S2/S3	1308.45	48.36	1260.09
MW08S4	S4	1307.51	Dry	NA[5]
MW09S1	S1	1307.15	59.05	1248.10
MW09S3	S2/S3	1307.04	49.47	1257.57
MW09S4	S4	1308.57	Dry	NA
MW10S1	S1	1299.25	40.51	1258.74
MW10S2	S2/S3	1298.59	39.61	1258.98
MW10S3	S2/S3	1298.84	39.65	1259.19
MW11S1	S1	1290.95	29.03	1261.92
MW11S3A	S2/S3	1291.36	30.10	1261.26
MW11S3B	S2/S3	1290.83	29.69	1261.14
MW12S1A	S1	1310.00	62.06	1247.94
MW12S3	S2/S3	1308.26	52.40	1255.86
MW13S1	S1	1304.34	48.32	1256.02
MW13S3	S2/S3	1308.01	51.72	1256.29
MW14S1	S1	1310.46	61.50	1248.96
MW14S3	S2/S3	1308.54	51.98	1256.56
MW15S1	S1	1306.23	56.55	1249.68
MW15S2	S2/S3	1305.98	49.90	1256.08
MW15S4	S4	1307.97	35.66	1272.31
MW16BR	BR	1305.07	51.78	1253.29

TABLE 3

SUMMARY OF GROUNDWATER ELEVATIONS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Sand Unit*	*Reference Elevation (ft AMSL)* [1]	*Depth to Water (ft BTOC)* [2]	*Groundwater Elevation (ft AMSL)*
MW16S1A	S1	1306.67	54.71	1251.96
MW16S2SS	S2/S3	1305.95	49.75	1256.20
MW16S4R	S4	---[6]	38.07	NA
MW17S1	S1	1307.16	55.39	1251.77
MW17S3A	S2/S3	1307.31	47.82	1259.49
MW17S3B	S2/S3	1307.08	47.14	1259.94
MW18S1	S1	1308.25	56.91	1251.34
MW18S3	S2/S3	1309.17	49.68	1259.49
MW18S4	S4	1309.20	Dry	NA
MW19S1	S1	1310.34	58.14	1252.20
MW19S2	S2/S3	1310.26	40.27	1269.99
MW19S3	S2/S3	1310.54	51.90	1258.64
MW19S4	S4	1310.01	33.41	1276.60
MW20S1	S1	1305.81	46.64	1259.17
MW20S3	S2/S3	1305.45	46.82	1258.63
MW21S1	S1	1299.58	43.17	1256.41
MW21S3	S2/S3	1299.26	42.47	1256.79
MW21S4R	S4	---[6]	Dry	NA
MW22S1	S1	1304.12	48.66	1255.46
MW22S2	S2/S3	1304.55	48.90	1255.65
MW22S4	S4	1304.16	36.35	1267.81
MW23BR	BR	1309.68	57.45	1252.23
MW24S1	S1	1309.32	61.51	1247.81
MW24S3	S2/S3	1308.22	51.08	1257.14
MW24S4	S4	1308.73	38.91	1269.82
MW25S1	S1	1311.63	52.85	1258.78
MW26S1	S1	1308.74	50.26	1258.48
MW26S3	S2/S3	1308.93	50.60	1258.33
MW27S1	S1	1309.23	58.12	1251.11
MW27S2	S2/S3	1309.49	53.04	1256.45
MW28S1	S1	1309.34	57.42	1251.92
MW28S2	S2/S3	1309.44	57.11	1252.33
MW28S3	S2/S3	1309.51	52.15	1257.36
MW29S1	S1	1305.39	57.10	1248.29
MW29S2	S2/S3	1305.46	48.71	1256.75
MW29S3	S2/S3	1306.58	49.15	1257.43
MW30S1	S1	1310.01	54.28	1255.73
MW30S2	S2/S3	1309.96	52.98	1256.98

TABLE 3

SUMMARY OF GROUNDWATER ELEVATIONS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Sand Unit*	*Reference Elevation (ft AMSL)* [1]	*Depth to Water (ft BTOC)* [2]	*Groundwater Elevation (ft AMSL)*
MW30S3	S2/S3	1310.06	50.35	1259.71
MW31S1	S1	1298.06	37.41	1260.65
MW32S1	S1	1307.09	46.51	1260.58
MW113S3	S2/S3	1309.26	52.51	1256.75
MW114S1	S1	1308.98	60.76	1248.22
MW130S1	S1	1284.93	23.55	1261.38
MW130S2	S2/S3	1284.96	23.14	1261.82
MW130S3	S2/S3	1284.89	22.99	1261.90
MW131S2	S2/S3	1281.73	22.00	1259.73
MW131S3	S2/S3	1281.49	21.71	1259.78
MW132S1	S1	1295.75	36.03	1259.72
MW132S2/S3	S2/S3	1295.87	36.00	1259.87
MW133S2/S3	S2/S3	1284.05	25.63	1258.42
MW134S2	S2/S3	1302.31	44.87	1257.44
MW134S3	S2/S3	1302.29	44.82	1257.47
MW135S1	S1	1302.61	45.32	1257.29
MW135S2/S3	S2/S3	1302.62	45.60	1257.02
MW136S2/S3	S2/S3	1287.43	30.80	1256.63
MW137S1	S1	1304.99	49.55	1255.44
MW137S2	S1	1304.93	49.12	1255.81
MW137S3	S2/S3	1304.88	49.57	1255.31
MW138S1	S2/S3	1298.82	43.00	1255.82
MW138S2/S3	S2/S3	1298.83	42.97	1255.86
MW139S2/S3	S2/S3	1299.13	43.23	1255.90
MW140S1	S1	1304.95	49.49	1255.46
MW140S2/S3	S2/S3	1304.76	49.89	1254.87
MW141S2/S3	S2/S3	1307.86	51.63	1256.23
MW142S2/S3	S2/S3	1297.03	41.61	1255.42
MW143S2/S3	S2/S3	1300.32	42.74	1257.58
MW144S2/S3	S2/S3	1303.64	46.09	1257.55
MW145S2/S3	S2/S3	1291.12	31.55	1259.57
P-29	S1	NA	70.58	NA
P30-01	S2/S3	1315.60	61.08	1254.52
P31-01	S2/S3	1316.01	60.82	1255.19
P31-02	S2/S3	1315.94	60.27	1255.67
P32-01	S2/S3	1313.03	57.21	1255.82
P32-02	S2/S3	1313.62	58.91	1254.71
P35-01	S2/S3	1310.41	55.01	1255.40
P35-02	S2/S3	1308.32	52.67	1255.65

TABLE 3

SUMMARY OF GROUNDWATER ELEVATIONS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Well Identifier	*Sand Unit*	*Reference Elevation (ft AMSL)* [1]	*Depth to Water (ft BTOC)* [2]	*Groundwater Elevation (ft AMSL)*
P35-03	S2/S3	1308.27	52.02	1256.25
PZ40A	S2/S3	1305.68	49.36	1256.32
PZ40B	S2/S3	1305.36	49.01	1256.35
PZ40C	S2/S3	1305.81	49.45	1256.36
PZ41A	S2/S3	1301.91	45.99	1255.92
PZ41B	S2/S3	1301.74	45.64	1256.10
PZ41C	S2/S3	1303.67	47.36	1256.31
PZ42A	S2/S3	1294.95	36.68	1258.27
PZ42B	S2/S3	1292.30	33.45	1258.85
PZ43A	S2/S3	1306.00	50.41	1255.59
PZ44A	S2/S3	1303.57	49.54	1254.03
PZ44B	S2/S3	1303.93	49.69	1254.24
PZ44C	S2/S3	1303.75	49.21	1254.54
PZ44D	S2/S3	1303.38	49.02	1254.36

[1] ft AMSL - feet above mean sea level (2010 reference elevation)
[2] ft BTOC - feet below top of casing
[3] NM - not measured
[4] --- Monitoring well nest AMW101S, I, and D have been modified to flushmount protective casings and new reference elevations are unavailable.
[5] NA - water level not available due to pump stuck in well, water level below pump, or well was dry
[6] Monitoring wells MW16S4 and MW22S4 have been abandoned and replaced with monitoring wells MW16S4R and MW22S4R. Wells will be surveyed in the near future.

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
AMW1	5/9/2013 10:25	50.60	50.60	0.00		0.65	6.52	0.896	1.37	3.35	15.76	-39.1	Clear	N/A[9]	N[10]
AMW1	5/9/2013 10:30		50.63	0.03		0.65	6.51	0.896	1.25	3.23	15.80	-39.0	Clear	N/A	N
AMW1	5/9/2013 10:35		50.61	0.01		0.65	6.52	0.896	1.82	3.04	15.83	-40.4	Clear	N/A	N
AMW1	5/9/2013 10:40		50.60	0.00		0.65	6.52	0.895	1.56	2.96	15.86	-40.8	Clear	N/A	N
AMW1	5/9/2013 10:45		50.60	0.00		0.65	6.51	0.895	1.68	2.72	15.90	-40.9	Clear	N/A	N
AMW101D	5/16/2013 8:17	48.70	48.78	0.08		0.65	0.63	1.165	2.10	8.80	17.65	-146.2	Clear	N/A	Y
AMW101D	5/16/2013 8:23		48.72	0.02		0.65	6.61	1.215	2.03	1.30	17.37	142.6	Clear	N/A	Y
AMW101D	5/16/2013 8:28		48.75	0.05		0.65	6.62	1.226	1.60	1.17	17.35	-145.7	Clear	N/A	Y
AMW101D	5/16/2013 8:32		48.72	0.02		0.65	6.63	1.229	1.30	1.02	17.32	-133.2	Clear	N/A	Y
AMW101D	5/16/2013 8:37		48.72	0.02		0.65	6.66	1.226	1.24	1.42	17.32	-144.5	Clear	N/A	N
AMW101D	5/16/2013 8:42		48.73	0.03		0.65	6.67	1.225	1.24	1.59	17.35	-130.2	Clear	N/A	N
AMW101I	5/16/2013 9:11	48.78	48.76	-0.02		0.50	6.98	1.445	19.40	6.84	18.14	-99.5	Slightly Cloudy	N/A	Y
AMW101I	5/16/2013 9:15		48.87	0.09		0.50	6.73	1.442	6.96	1.20	17.48	-116.2	Clear	N/A	Y
AMW101I	5/16/2013 9:20		48.82	0.04		0.50	6.70	1.443	5.76	1.26	17.42	-118.7	Clear	N/A	Y
AMW101I	5/16/2013 9:25		48.82	0.04		0.50	6.68	1.442	4.04	1.21	17.41	-119.7	Clear	N/A	Y
AMW101I	5/16/2013 9:30		48.81	0.03		0.50	6.68	1.444	3.89	1.36	17.39	-120.3	Clear	N/A	Y
AMW101S	5/16/2013 9:40	39.00	38.65	-0.35		0.30	6.83	1.631	7.22	5.94	17.88	-112.9	Clear	N/A	Y
AMW101S	5/16/2013 9:45		39.65	0.65		0.30	6.80	1.650	3.40	2.48	18.10	-117.6	Clear	N/A	Y
AMW101S	5/16/2013 9:48		40.05	1.05		0.20	6.78	1.655	2.35	1.37	18.09	-122.8	Clear	N/A	Y
AMW101S	5/16/2013 9:51		40.16	1.16		0.20	6.76	1.653	2.63	1.21		-126.3	Clear	N/A	Y
AMW102D	5/9/2013 12:10	53.40	53.40	0.00		0.50	7.59	0.890	6.01	9.01	16.02	-2.7	Clear	N/A	N
AMW102D	5/9/2013 12:15		53.40	0.00		0.50	7.29	0.930	4.69	6.86	15.69	4.8	Clear	N/A	N
AMW102D	5/9/2013 12:20		53.41	0.01		0.50	7.20	0.939	4.36	6.10	15.55	12.7	Clear	N/A	N
AMW102D	5/9/2013 12:25		53.43	0.02		0.50	7.19	0.940	1.67	5.82	15.52	21.8	Clear	N/A	N
AMW102D	5/9/2013 12:30		53.43	0.03		0.50	7.10	0.935	1.90	5.79	15.60	47.6	Clear	N/A	N
AMW102D	5/9/2013 12:35		53.46	0.06		0.50	7.08	0.931	2.32	5.80	15.65	50.7	Clear	N/A	N
AMW102S	5/9/2013 12:57	52.00	Bailed well	- - [11]	3.9	- -	7.07	0.779	- -	- -	15.75	- -	Clear	N/A	N
AMW102S	5/9/2013 12:58			- -	7.8	- -	6.99	0.780	- -	- -	15.62	- -	Clear	N/A	N
AMW102S	5/9/2013 12:59			- -	11.7	- -	6.97	0.781	- -	- -	15.60	- -	Clear	N/A	N
AMW104	5/14/2013 15:33	48.70	48.68	-0.02		0.75	7.65	0.950	1.34	12.01	16.86	-59.9	Clear	N/A	N
AMW104	5/14/2013 15:38		48.68	-0.02		0.75	7.50	0.848	0.29	6.62	16.23	-41.2	Clear	N/A	N
AMW104	5/14/2013 15:40		48.67	-0.03		0.75	7.44	0.844	0.24	6.12	16.13	-33.2	Clear	N/A	N
AMW104	5/14/2013 15:45		48.68	-0.02		0.75	7.33	0.843	0.15	6.03	16.07	-29.3	Clear	N/A	N
AMW104	5/14/2013 15:49		48.68	-0.02		0.75	7.25	0.845	0.60	5.88	15.89	-20.9	Clear	N/A	N
AMW104	5/14/2013 15:54		48.67	-0.03		0.75	7.15	0.845	0.31	5.88	15.87	-18.8	Clear	N/A	N
AMW104	5/14/2013 15:59		48.68	-0.02		0.75	7.12	0.845	0.34	5.87	15.93	-17.7	Clear	N/A	N
AMW105D	5/13/2013 13:00	44.50	44.50	0.00		0.75	8.39	0.549	0.15	2.86	16.51	20.0	Clear	N/A	N
AMW105D	5/13/2013 13:07		45.51	1.01		0.75	7.58	0.563	0.16	1.49	15.98	4.9	Clear	N/A	N
AMW105D	5/13/2013 13:14		45.50	1.00		0.75	7.40	0.567	0.16	1.17	15.84	-8.4	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
AMW105D	5/13/2013 13:20		45.50	1.00		0.75	7.37	0.566	NM[12]	1.12	15.85	-13.3	Clear	N/A	N
AMW105D	5/13/2013 13:24		45.50	1.00		0.75	7.36	0.565	1.60	1.21	15.30	-15.5	Clear	N/A	N
AMW105D	5/13/2013 13:29		45.51	1.01		0.75	7.36	0.565	1.50	1.07	15.85	-18.2	Clear	N/A	N
AMW105D	5/13/2013 13:34		45.50	1.00		0.75	7.35	0.565	NM	1.02	15.82	19.0	Clear	N/A	N
AMW105D	5/13/2013 13:40		45.51	1.01		0.75	7.35	0.566	0.22	1.18	15.86	-19.7	Clear	N/A	N
AMW105S	5/13/2013 13:46	44.25	44.25	0.00			7.44	0.471	0.76	6.16	16.62	-12.3	Clear	N/A	N
AMW105S	5/13/2013 13:50		44.26	0.01		0.60	7.31	0.472	0.71	6.74	16.17	2.4	Clear	N/A	N
AMW105S	5/13/2013 13:55		44.28	0.03		0.60	7.27	0.459	0.77	7.13	16.21	7.4	Clear	N/A	N
AMW105S	5/13/2013 14:00		44.30	0.05		0.60	7.28	0.455	0.75	7.25	16.24	9.0	Clear	N/A	N
AMW105S	5/13/2013 14:04		44.30	0.05		0.60	7.28	0.453	0.70	11.12	16.16	5.8	Clear	N/A	N
AMW105S	5/13/2013 14:10		44.30	0.05			7.26	0.452	0.73	7.78	16.21	11.1	Clear	N/A	N
AMW105S	5/13/2013 14:15		44.30	0.05		0.60	7.24	0.450	0.71		16.21	12.4	Clear	N/A	N
AMW105S	5/13/2013 14:19		44.30	0.05		0.60	7.24	0.449	0.72	7.29	16.22	12.6	Clear	N/A	N
AMW105S	5/13/2013 14:24		44.30	0.05		0.60	7.24	0.449	0.72	7.57	16.21	13.1	Clear	N/A	N
AMW107D	5/16/2013 12:45	48.59	48.97	0.38		0.60	7.35	0.986	0.79	2.66	15.57	-70.1	Clear	N/A	Y
AMW107D	5/16/2013 12:49		48.83	0.24		0.60	7.19	1.035	0.91	1.44	15.43	-57.3	Clear	N/A	Y
AMW107D	5/16/2013 12:54		48.82	0.23		0.65	7.09	1.040	0.87	1.07	15.44	-51.2	Clear	N/A	Y
AMW107D	5/16/2013 12:59		48.81	0.22		0.65	7.04	1.041	0.82	1.00	15.47	-47.5	Clear	N/A	Y
AMW107D	5/16/2013 13:04		48.82	0.23		0.65	7.04	1.048	0.73	1.25	15.38	-41.1	Clear	N/A	Y
AMW107D	5/16/2013 13:09		48.83	0.24		0.65	7.02	1.049	0.35	1.26	15.34	-37.7	Clear	N/A	Y
AMW107D	5/16/2013 13:14		48.82	0.23		0.65	6.99	1.049	0.24	1.17	15.44	-32.7	Clear	N/A	Y
AMW107S	5/16/2013 13:28	48.72	48.75	0.03		0.65	6.65	1.128	7.64	3.44	15.36	8.7	Clear	N/A	N
AMW107S	5/16/2013 13:32		48.73	0.01		0.65	6.59	1.137	4.81	3.03	15.19	17.8	Clear	N/A	Y
AMW107S	5/16/2013 13:37		48.73	0.01		0.65	6.60	1.134	3.78	2.57	15.17	18.9	Clear	N/A	Y
AMW107S	5/16/2013 13:42		48.72	0.00		0.65	6.59	1.132	5.80	2.51	15.19	19.8	Clear	N/A	N
AMW107S	5/16/2013 13:47		48.72	0.00		0.65	6.57	1.128	6.30	2.66	15.20	20.1	Clear	N/A	N
AMW107S	5/16/2013 13:51		48.72	0.00		0.65	6.57	1.126	5.34	2.55	15.21	20.2	Clear	N/A	N
AMW107S	5/16/2013 13:55		48.73	0.01		0.65	6.58	1.128	4.37	2.62	15.20	20.1	Clear	N/A	N
AMW108D	5/15/2013 8:27	50.08	50.06	-0.02		0.60	6.22	0.377	1.71	18.95	15.94	113.2	Clear	N/A	N
AMW108D	5/15/2013 8:32		50.07	-0.01		0.60	6.64	0.841	2.12	4.71	15.47	81.2	Clear	N/A	N
AMW108D	5/15/2013 8:37		50.07	-0.01		0.60	6.83	0.927	2.53	3.85	15.29	64.5	Clear	N/A	N
AMW108D	5/15/2013 8:40		50.09	0.01		0.60	6.87	0.934	3.13	2.84	15.30	57.4	Clear	N/A	N
AMW108D	5/15/2013 8:45		50.09	0.01		0.60	6.89	0.937	2.65	2.58	15.28	50.2	Clear	N/A	N
AMW108D	5/15/2013 8:49		50.09	0.01		0.60	6.90	0.939	2.18	2.35	15.29	44.2	Clear	N/A	N
AMW108D	5/15/2013 8:54		50.09	0.01		0.60	6.92	0.937	1.93	2.48	15.29	37.7	Clear	N/A	N
AMW108S	5/15/2013 8:55	50.47	50.48	0.01		0.60	6.95	0.969	3.88	3.71	15.21	31.3	Clear	N/A	N
AMW108S	5/15/2013 9:00		50.47	0.00		0.60	6.79	0.971	2.36	4.00	15.53	30.1	Clear	N/A	N
AMW108S	5/15/2013 9:05		50.48	0.01		0.60	6.78	0.971	1.46	3.79	15.52	28.1	Clear	N/A	N
AMW108S	5/15/2013 9:10		50.48	0.01		0.60	6.79	0.972	3.63	3.68	15.51	26.3	Clear	N/A	N
AMW108S	5/15/2013 9:15		50.48	0.01		0.60	6.78	0.977	2.98	3.71	15.51	25.5	Clear	N/A	N
AMW108S	5/15/2013 9:20		50.48	0.01		0.60	6.77	0.978	3.45	3.66	15.54	23.9	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
AMW108S	5/15/2013 21:25		50.48	0.01		0.60	6.79	0.976	3.15	3.56	15.58	22.0	Clear	N/A	N
AMW108S	5/15/2013 9:29		50.48	0.01		0.60	6.79	0.968	2.95	3.57	15.60	20.3	Clear	N/A	N
AMW16D	5/14/2013 9:47	50.84	50.84	0.00		0.65	7.22	1.184	1.40	2.25	18.55	-14.8	Clear	N/A	N
AMW16D	5/14/2013 9:52		50.85	0.01		0.65	6.72	1.230	1.26	1.06	17.24	-7.6	Clear	N/A	N
AMW16D	5/14/2013 9:56		50.85	0.01		0.65	6.62	0.650	0.32	0.78	17.22	-88.3	Clear	N/A	N
AMW16D	5/14/2013 10:01		50.85	0.01		0.65	6.61	0.750	0.05	0.71	17.18	-88.7	Clear	N/A	N
AMW16D	5/14/2013 10:05		50.85	0.01		0.65	6.60	1.265	1.02	0.99	17.12	-93.6	Clear	N/A	N
AMW16D	5/14/2013 10:10		50.85	0.01		0.65	6.60	1.262	0.63	1.12	17.13	-97.0	Clear	N/A	N
AMW16D	5/14/2013 10:14		50.85	0.01		0.65	6.61	1.230	0.84	1.07	17.12	-98.2	Clear	N/A	N
AMW16S	5/14/2013 9:17	50.86	50.86	0.00		0.80	7.50	0.775	3.48	27.79	18.07	-5.6	Clear	N/A	N
AMW16S	5/14/2013 9:22		50.98	0.12		0.80	6.95	0.667	4.65	4.85	17.16	0.8	Clear	N/A	N
AMW16S	5/14/2013 9:27		50.98	0.12		0.80	6.77	0.635	3.79	1.85	16.94	-26.0	Clear	N/A	N
AMW16S	5/14/2013 9:31		50.99	0.13		0.80	6.69	0.725	3.67	1.77	16.69	-60.2	Clear	N/A	N
AMW16S	5/14/2013 9:35		50.98	0.12		0.80	6.69	0.774	3.61	1.81	16.68	-77.0	Clear	N/A	N
AMW3	5/13/2013 16:05	50.92	50.92	0.00		0.55	7.48	0.906	0.77	3.01	15.84	0.0	Clear	N/A	N
AMW3	5/13/2013 16:10		50.96	0.04		0.55	7.21	0.909	0.75	2.40	15.60	-5.3	Clear	N/A	N
AMW3	5/13/2013 16:14		50.92	0.00		0.55	7.31	0.908	1.30	2.27	15.60	-8.9	Clear	N/A	N
AMW3	5/13/2013 16:20		50.93	0.01		0.55	7.28	0.908	1.20	2.25	15.58	-11.5	Clear	N/A	N
AMW3	5/13/2013 16:24		50.93	0.01		0.55	7.28	0.908	0.92	2.25	15.58	-11.7	Clear	N/A	N
AMW3	5/13/2013 16:24		50.93	0.01		0.55	7.25	0.910	0.95	2.23	15.57	-11.5	Clear	N/A	N
AMW4D	5/14/2013 10:25	50.90	50.90	0.00		0.75	7.58	1.021	0.50	25.18	17.01	-42.1	Clear	N/A	N
AMW4D	5/14/2013 10:30		50.88	-0.02		0.75	7.17	1.004	2.52	2.84	16.42	-34.8	Clear	N/A	N
AMW4D	5/14/2013 10:35		50.91	0.01		0.75	7.12	1.003	1.45	1.32	16.35	-40.6	Clear	N/A	N
AMW4D	5/14/2013 10:39		50.91	0.01		0.75	7.06	1.004	1.69	1.02	16.38	-41.2	Clear	N/A	N
AMW4D	5/14/2013 10:44		50.91	0.01		0.75	7.04	1.003	2.45	0.84	16.35	-41.0	Clear	N/A	N
AMW4D	5/14/2013 10:49		50.91	0.01		0.75	7.03	1.003	1.24	0.74	16.30	-42.9	Clear	N/A	N
AMW4S	5/14/2013 10:51	50.80	50.81	0.01		0.85	6.91	1.390	1.78	7.30	16.04	-25.4	Clear	N/A	N
AMW4S	5/14/2013 10:55		50.81	0.01		0.85	6.82	1.388	1.27	5.11	16.02	-18.6	Clear	N/A	N
AMW4S	5/14/2013 11:00		50.82	0.02		0.85	6.78	1.386	1.48	5.10	16.03	-15.4	Clear	N/A	N
AMW4S	5/14/2013 11:04		50.83	0.03		0.85	6.77	1.384	0.86	5.45	16.01	-12.8	Clear	N/A	N
AMW4S	5/14/2013 11:10		50.82	0.02		0.85	6.76	1.386	0.58	5.30	16.02	-13.9	Clear	N/A	N
AMW4S	5/14/2013 11:14		50.81	0.01		0.85	6.76	1.385	0.89	5.32	16.02	-18.0	Clear	N/A	N
AMW5D	5/16/2013 10:48	50.27	50.22	-0.05		0.65	6.92	1.364	15.10	8.61	16.91	-81.6	Clear	N/A	Y
AMW5D	5/16/2013 10:54		50.27	0.00		0.65	6.65	1.397	3.12	3.29	16.24	-93.6	Clear	N/A	Y
AMW5D	5/16/2013 10:58		50.23	-0.04		0.65	6.63	1.401	1.97	3.35	16.30	-95.5	Clear	N/A	Y
AMW5D	5/16/2013 11:03		50.23	-0.04		0.65	6.67	1.397	1.74	3.03	16.12	-96.3	Clear	N/A	Y
AMW5D	5/16/2013 11:08		50.23	-0.04		0.65	6.65	1.401	0.84	2.70	16.17	-97.2	Clear	N/A	Y
AMW5D	5/16/2013 11:13		50.23	-0.04		0.65	6.67	1.400	0.75	2.36	16.07	-98.9	Clear	N/A	Y
AMW5S	5/16/2013 10:21	50.17	50.28	0.11		0.65	6.68	1.337	5.41	2.81	16.01	-109.2	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
AMW5S	5/16/2013 10:25		50.21	0.04		0.65	6.66	1.338	3.16	1.68	15.95	-111.2	Clear	N/A	N
AMW5S	5/16/2013 10:30		50.22	0.05		0.65	6.67	1.338	2.88	4.52	15.96	-112.8	Clear	N/A	N
AMW5S	5/16/2013 10:35		50.21	0.04		0.65	6.66	1.338	2.47	1.87	15.97	-108.9	Clear	N/A	N
AMW5S	5/16/2013 10:40		50.22	0.05		0.65	6.65	1.339	2.13	2.02	15.98	-107.2	Clear	N/A	N
AMW5S	5/16/2013 10:45		50.21	0.04		0.65	6.65	1.338	2.24	2.12	16.00	-106.6	Clear	N/A	N
AMW8D	5/14/2013 14:13	49.93	49.95	0.02		0.75	7.60	1.336	1.18	5.84	17.36	115.6	Clear	N/A	Y
AMW8D	5/14/2013 14:19		49.96	0.03		0.75	7.45	1.248	2.43	5.16	15.92	-148.2	Clear	N/A	N
AMW8D	5/14/2013 14:24		49.85	-0.08		0.75	7.17	1.377	5.49	1.80	15.76	-211.5	Clear	N/A	N
AMW8D	5/14/2013 14:29		49.95	0.02		0.75	7.11	1.402	8.52	1.07	15.73	-222.5	Clear	N/A	Y
AMW8D	5/14/2013 14:34		49.92	-0.01		0.75	7.09	1.400	5.87	1.15	15.71	-227.9	Clear	N/A	Y
AMW8D	5/14/2013 14:39		49.97	0.04		0.75	7.06	1.396	7.06	1.28	15.71	-231.7	Clear	N/A	Y
AMW8S	5/14/2013 14:45	49.90	49.92	0.02		0.75	7.50	1.261	8.82	3.69	15.80	146.7	Clear	N/A	N
AMW8S	5/14/2013 14:49		49.85	-0.05		0.50	7.05	2.121	6.12	2.59	15.84	-143.2	Clear	N/A	N
AMW8S	5/14/2013 14:55		49.83	-0.07		0.50	7.06	1.766	5.25	3.14	15.79	-130.7	Clear	N/A	N
AMW8S	5/14/2013 15:00		49.83	-0.07		0.50	7.11	1.377	13.20	5.01	15.78	-103.2	Clear	N/A	N
AMW8S	5/14/2013 15:04		49.82	-0.08		0.50	7.13	1.287	9.80	6.05	15.78	-92.8	Clear	N/A	N
AMW8S	5/14/2013 15:09		49.81	-0.09		0.50	7.13	1.259	7.61	6.53	15.78	-86.2	Clear	N/A	N
AMW8S	5/14/2013 15:14		49.81	-0.09		0.50	7.13	1.243	6.48	6.84	15.79	-84.9	Clear	N/A	N
APMW302S1	7/2/2013 11:00	49.84	49.86	0.02		0.50	6.98	0.825	13.30	1.63	16.11	-221.3	Clear	N/A	Y
APMW302S1	7/2/2013 11:05		49.86	0.02		0.50	6.87	0.828	7.21	0.49	16.43	-219.6	Clear	N/A	Y
APMW302S1	7/2/2013 11:10		49.86	0.02		0.50	6.91	0.829	5.11	0.45	16.41	-217.7	Clear	N/A	Y
APMW302S1	7/2/2013 11:15		49.86	0.02		0.50	6.96	0.828	4.19	0.46	16.33	-219.1	Clear	N/A	Y
APMW302S1	7/2/2013 11:20		49.86	0.02		0.50	6.95	0.829	4.39	0.45	16.55	-216.9	Clear	N/A	Y
APMW302S2	7/2/2013 11:40	49.65	49.69	0.04		0.60	7.04	0.804	11.28	0.98	15.98	-115.2	Clear	N/A	Y
APMW302S2	7/2/2013 11:45		49.69	0.04		0.60	7.00	0.802	7.79	0.76	15.77	-112.8	Clear	N/A	N
APMW302S2	7/2/2013 11:50		49.69	0.04		0.60	6.98	0.804	5.48	0.74	15.68	-113.1	Clear	N/A	Y
APMW302S2	7/2/2013 11:55		49.69	0.04		0.60	6.95	0.805	4.63	0.73	15.68	-113.9	Clear	N/A	Y
APMW302S2	7/2/2013 12:00		49.69	0.04		0.60	6.97	0.804	3.86	0.74	15.66	-114.2	Clear	N/A	Y
APMW302S3	7/2/2013 12:15	49.34	49.36	0.02		0.55	7.18	0.793	7.88	1.28	16.89	-18.5	Clear	N/A	N
APMW302S3	7/2/2013 12:20		49.36	0.02		0.55	7.09	0.756	5.14	0.78	16.57	-12.6	Clear	N/A	N
APMW302S3	7/2/2013 12:25		49.36	0.02		0.55	7.08	0.749	2.17	0.75	16.43	-10.5	Clear	N/A	N
APMW302S3	7/2/2013 12:30		49.36	0.02		0.55	7.07	0.748	1.89	0.74	16.48	-9.3	Clear	N/A	N
APMW302S3	7/2/2013 12:35		49.36	0.02		0.55	7.08	0.746	0.09	0.78	16.25	-9.1	Clear	N/A	N
MW02S1	5/23/2013 11:05	56.77	56.77	0.00		0.60	7.97	1.089	11.78	6.53	14.86	17.2	Clear	N/A	Y
MW02S1	5/23/2013 11:10		56.77	0.00		0.60	7.78	1.083	1.38	1.71	15.00	13.9	Clear	N/A	Y
MW02S1	5/23/2013 11:15		56.77	0.00		0.60	7.81	1.074	0.52	1.28	15.02	13.7	Clear	N/A	Y
MW02S1	5/23/2013 11:20		56.77	0.00		0.60	7.79	1.072	0.51	1.22	15.01	14.3	Clear	N/A	Y
MW02S1	5/23/2013 11:25		56.77	0.00		0.60	7.79	1.072	0.48	1.24	15.01	14.6	Clear	N/A	Y
MW02S2	5/23/2013 10:05	51.15	51.15	0.00		0.75	7.13	4.421	1007.00	2.18	14.92	-8.8	Turbid	Orange	Y

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW02S2	5/23/2013 10:15		51.15	0.00		0.75	7.09	4.922	108.50	0.77	14.89	8.5	Turbid	Brown	Y
MW02S2	5/23/2013 10:25		51.15	0.00		0.75	7.03	5.088	57.20	0.95	14.90	12.5	Slightly Cloudy	Tan	Y
MW02S2	5/23/2013 10:35		51.15	0.00		0.75	6.99	5.238	26.90	1.12	14.89	15.1	Clear	N/A	Y
MW02S2	5/23/2013 10:40		51.15	0.00		0.75	6.99	0.248	16.30	1.14	14.90	15.7	Clear	N/A	Y
MW02S2	5/23/2013 10:45		51.15	0.00		0.75	6.98	5.291	9.66	1.16	14.91	16.2	Clear	N/A	Y
MW03S1	5/21/2013 8:45	53.11[13]	53.07	0.03		0.60	7.24	0.644	2.02	1.38	15.56	-51.7	Clear	N/A	Y
MW03S1	5/21/2013 8:50		53.08	0.02		0.60	7.24	0.633	0.04	0.34	15.53	-64.2	Clear	N/A	Y
MW03S1	5/21/2013 8:55		53.08	0.02		0.60	7.27	0.633	0.34	0.29	15.52	-68.9	Clear	N/A	Y
MW03S1	5/21/2013 9:00		53.08	0.02		0.60	7.30	0.633	0.57	0.27	15.53	-71.2	Clear	N/A	Y
MW03S1	5/21/2013 9:05		53.08	0.02		0.60	7.32	0.633	0.36	0.27	15.56	-72.9	Clear	N/A	Y
MW04S1	5/9/2013 10:35	32.03	31.85	-0.18		0.60	6.77	0.601	23.30	5.90	16.14	10.0	Slightly Cloudy	N/A	N
MW04S1	5/9/2013 10:40		31.91	-0.12		0.60	6.69	0.608	19.20	5.27	16.38	11.2	Slightly Cloudy	N/A	N
MW04S1	5/9/2013 10:45		31.91	-0.12		0.60	6.72	0.609	16.20	5.55	16.39	10.2	Slightly Cloudy	N/A	N
MW04S1	5/9/2013 10:50		31.91	-0.12		0.60	6.76	0.611	14.10	5.82	16.43	11.8	Clear	N/A	N
MW04S1	5/9/2013 10:55		31.92	-0.11		0.60	6.76	0.615	12.40	5.63	16.18	11.1	Clear	N/A	N
MW04S1	5/9/2013 11:00		31.91	-0.12		0.60	6.79	0.614	11.00	5.63	16.08	12.3	Clear	N/A	N
MW04S1	5/9/2013 11:05		31.92	-0.11		0.60	6.74	0.619	9.82	5.58	16.27	12.2	Clear	N/A	N
MW04S3	5/9/2013 9:25	32.27	32.27	0.00		0.58	6.45	0.459	3.39	8.04	15.70	27.3	Clear	N/A	N
MW04S3	5/9/2013 9:30		32.27	0.00		0.58	6.48	0.457	2.63	8.25	15.58	2.6	Clear	N/A	N
MW04S3	5/9/2013 9:35		32.27	0.00		0.58	6.50	0.458	1.59	8.27	15.55	25.7	Clear	N/A	N
MW04S3	5/9/2013 9:40		32.27	0.00		0.58	6.51	0.458	0.87	8.39	15.60	25.7	Clear	N/A	N
MW05S3	5/14/2013 15:35	41.47	41.47	0.00		0.50	6.65	0.719	0.69	0.93	16.43	6.7	Clear	N/A	N
MW05S3	5/14/2013 15:40		41.47	0.00		0.50	6.61	0.714	0.62	1.02	15.78	8.3	Clear	N/A	N
MW05S3	5/14/2013 15:45		41.47	0.00		0.50	6.62	0.714	0.49	1.19	15.77	8.5	Clear	N/A	N
MW05S3	5/14/2013 15:50		41.47	0.00		0.50	6.63	0.713	0.51	1.17	15.64	7.7	Clear	N/A	N
MW05S3	5/14/2013 15:55		41.47	0.00		0.50	6.65	0.715	0.03	1.15	15.62	7.3	Clear	N/A	N
MW06BR	5/16/2013 16:25	49.60	53.28	3.68		0.06	7.94	3.730	4.72	2.26	18.05	-128.3	Clear	N/A	N
MW06BR	5/16/2013 16:30		55.70	6.10		0.60	8.24	3.826	4.13	0.70	16.28	-139.9	Clear	N/A	N
MW06BR	5/16/2013 16:35		59.77	10.17		0.60	8.23	3.706	3.45	0.32	16.22	-139.9	Clear	N/A	N
MW06BR	5/16/2013 16:40		63.51	13.91		0.60	8.25	3.700	1.39	0.31	16.12	-139.0	Clear	N/A	N
MW06BR	5/16/2013 16:45		67.71	18.11		0.60	8.23	3.699	1.59	0.23	16.15	-136.0	Clear	N/A	N
MW06BR	5/16/2013 16:50		71.29	21.69		0.60	8.24	3.699	1.34	0.22	16.17	-137.0	Clear	N/A	N
MW06BR	5/16/2013 16:55		75.91	26.31		0.60	8.24	3.698	1.15	0.21	16.20	-134.9	Clear	N/A	N
MW06BR	5/16/2013 17:00		79.85	30.25		0.60	8.24	3.693	1.23	0.20	16.36	-133.7	Clear	N/A	N
MW06BR	5/16/2013 17:05		85.90	36.30		0.60	8.24	3.701	1.05	0.21	16.39	-133.6	Clear	N/A	N
MW06BR	5/16/2013 17:10		91.56	41.96		0.60	8.24	3.699	1.14	0.21	16.34	-125.1	Clear	N/A	N
MW06BR	5/16/2013 17:15		100.00	50.40		0.60	8.24	3.699	0.99	0.22	16.39	-134.0	Clear	N/A	N
MW06S1	5/16/2013 15:35	51.47	51.51	0.04		0.60	7.26	0.610	0.23	3.26	16.10	-27.3	Clear	N/A	N
MW06S1	5/16/2013 15:40		51.51	0.04		0.60	7.19	0.617	0.21	2.97	16.01	-28.5	Clear	N/A	N
MW06S1	5/16/2013 15:45		51.51	0.04		0.60	7.22	0.627	0.15	2.99	15.98	-22.6	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW06S1	5/16/2013 15:50		51.51	0.04		0.60	7.23	0.631	0.09	2.97	16.02	-30.3	Clear	N/A	N
MW06S1	5/16/2013 15:55		51.51	0.00		0.60	7.25	0.632	0.09	3.01	16.00	-33.8	Clear	N/A	N
MW06S3	5/16/2013 14:50	49.45	49.45	0.00		0.95	6.44	1.023	0.74	6.93	16.29	19.6	Clear	N/A	N
MW06S3	5/16/2013 14:55		49.45	0.00		0.95	6.34	1.011	0.53	6.26	16.28	17.6	Clear	N/A	N
MW06S3	5/16/2013 15:00		49.45	0.00		0.95	6.37	1.012	0.12	6.26	16.28	15.8	Clear	N/A	N
MW06S3	5/16/2013 15:05		49.45	0.00		0.95	6.41	1.011	0.54	6.30	16.08	14.3	Clear	N/A	N
MW06S3	5/16/2013 15:10		49.45	0.00		0.95	6.39	1.009	0.59	6.28	16.23	17.2	Clear	N/A	N
MW07S1	5/15/2013 9:52	59.71	59.85	0.14		0.45	6.87	1.218	11.50	13.14	18.33	-113.2	Clear	N/A	Y
MW07S1	5/15/2013 9:57		59.91	0.20		0.45	6.27	2.975	20.50	1.04	16.74	-60.5	Clear	N/A	Y
MW07S1	5/15/2013 10:02		59.90	0.19		0.45	6.22	3.021	36.90	0.84	16.70	-49.9	Slightly Cloudy	N/A	Y
MW07S1	5/15/2013 10:07		59.90	0.19		0.45	6.22	3.062	37.50	0.99	16.72	-44.4	Slightly Cloudy	N/A	Y
MW07S1	5/15/2013 10:12		59.91	0.20		0.45	6.23	3.100	32.50	1.04	16.65	-48.5	Slightly Cloudy	N/A	Y
MW07S1	5/15/2013 10:17		59.91	0.20		0.45	6.34	3.222	26.00	1.04	16.75	-60.3	Slightly Cloudy	N/A	Y
MW07S1	5/15/2013 10:22		59.91	0.20		0.45	6.40	3.262	26.70	1.15	16.54	-57.2	Slightly Cloudy	N/A	Y
MW07S1	5/15/2013 10:27		59.91	0.20		0.45	6.41	3.319	24.30	1.21	16.59	-59.3	Slightly Cloudy	N/A	Y
MW07S1	5/15/2013 10:32					0.45	6.44	3.338	22.80	1.30	16.52	-61.5	Clear	N/A	Y
MW07S2	5/15/2013 11:00	48.21	48.22	0.01		0.85	7.33	1.203	0.47	7.97	15.40	345.2	Clear	N/A	N
MW07S2	5/15/2013 11:05		48.23	0.02		0.85	7.18	1.199	0.36	7.75	15.37	337.2	Clear	N/A	N
MW07S2	5/15/2013 11:10		48.23	0.02		0.85	7.05	1.199	0.18	7.63	15.34	320.1	Clear	N/A	N
MW07S2	5/15/2013 11:15		48.23	0.02		0.85	6.98	1.198	0.21	7.57	15.38	300.1	Clear	N/A	N
MW07S2	5/15/2013 11:20		48.22	0.01		0.85	6.93	1.198	0.16	7.56	15.35	271.9	Clear	N/A	N
MW07S2	5/15/2013 11:25		48.22	0.01		0.85	6.89	1.198	0.29	7.56	15.36	243.2	Clear	N/A	N
MW07S2	5/15/2013 11:29		48.22	0.01		0.85	6.89	1.198	0.21	7.53	15.37	237.0	Clear	N/A	N
MW07S3	5/15/2013 11:59	48.13	48.15	0.02		0.85	6.96	1.166	26.20	7.52	15.53	89.3	Slightly Cloudy	N/A	N
MW07S3	5/15/2013 12:04		48.15	0.02		0.75	6.82	1.158	24.40	6.57	15.43	69.3	Slightly Cloudy	N/A	N
MW07S3	5/15/2013 12:09		48.15	0.02		0.75	6.77	1.161	19.70	6.55	15.40	49.2	Slightly Cloudy	N/A	N
MW07S3	5/15/2013 12:14		48.15	0.02		0.75	6.77	1.160	18.10	6.53	15.38	43.3	Clear	N/A	N
MW07S3	5/15/2013 12:19		48.15	0.02		0.75	6.75	1.160	16.40	6.51	15.39	37.7	Clear	N/A	N
MW07S3	5/15/2013 12:24		48.15	0.02		0.75	6.73	1.157	16.10	6.52	15.40	30.0	Clear	N/A	N
MW08S1	5/14/2013 13:45	49.49	49.49	0.00		0.38	6.79	6.017	4.29	0.32	16.63	-165.4	Clear	N/A	Y
MW08S1	5/14/2013 13:50		49.49	0.00		0.38	6.76	6.029	3.68	0.20	16.32	-184.9	Clear	N/A	Y
MW08S1	5/14/2013 13:55		49.49	0.00		0.38	6.76	5.663	3.48	0.30	16.19	-164.6	Clear	N/A	Y
MW08S1	5/14/2013 14:00		49.49	0.00		0.38	6.80	5.658	5.27	0.85	16.14	-111.4	Clear	N/A	Y
MW08S1	5/14/2013 14:05		49.49	0.00		0.38	6.84	5.523	2.89	1.21	-16.03	-73.2	Clear	N/A	Y
MW08S1	5/14/2013 14:10		49.49	0.00		0.38	6.86	5.542	3.02	1.39	15.87	-68.3	Clear	N/A	Y
MW08S1	5/14/2013 14:15		49.49	0.00		0.38	6.88	5.536	2.59	1.46	15.70	-65.8	Clear	N/A	Y
MW08S2	5/14/2013 12:45	49.43	49.56	0.13		0.79	6.53	2.866	15.10	0.27	15.95	10.7	Slightly Cloudy	N/A	Y
MW08S2	5/14/2013 12:50		49.56	0.13		0.79	6.71	2.927	8.44	0.32	15.79	12.8	Clear	N/A	Y
MW08S2	5/14/2013 12:55		49.56	0.13		0.79	6.74	2.933	8.95	0.34	15.69	12.8	Clear	N/A	Y
MW08S2	5/14/2013 13:00		49.56	0.13		0.79	6.75	2.914	33.30	0.53	15.72	16.3	Clear	N/A	Y

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW08S2	5/14/2013 13:05		49.56	0.13		0.79	6.73	2.901	35.10	0.67	15.68	6.7	Slightly Cloudy	N/A	Y
MW08S2	5/14/2013 13:10		49.56	0.13		0.79	6.66	2.896	26.80	0.72	15.79	18.8	Clear	N/A	Y
MW08S2	5/14/2013 13:15		49.56	0.13		0.79	6.65	2.896	23.90	0.73	15.75	18.6	Clear	N/A	Y
MW08S2	5/14/2013 13:20		49.56	0.13		0.79	6.64	2.895	24.60	0.73	15.68	18.8	Clear	N/A	Y
MW08S2	5/14/2013 13:25		49.56	0.13		0.79	6.65	2.892	23.80	0.74	15.70	18.1	Clear	N/A	Y
MW08S3	5/14/2013 14:30	49.19	49.19	0.00		0.38	7.26	2.628	0.20	1.72	15.79	-5.8	Clear	N/A	Y
MW08S3	5/14/2013 14:35		49.19	0.00		0.38	6.62	2.782	0.39	0.56	15.84	-6.9	Clear	N/A	Y
MW08S3	5/14/2013 14:40		49.19	0.00		0.38	6.71	2.787	0.39	0.66	15.89	-5.5	Clear	N/A	Y
MW08S3	5/14/2013 14:45		49.19	0.00		0.38	6.72	2.788	0.21	0.61	15.81	-4.9	Clear	N/A	Y
MW08S3	5/14/2013 14:50		49.19	0.00		0.38	6.73	2.788	0.50	0.62	15.87	-3.9	Clear	N/A	Y
MW09S1	5/14/2013 13:19	58.94	58.94	0.00		0.50	7.92	2.033	1.03	13.65	19.00	-55.6	Clear	N/A	Y
MW09S1	5/14/2013 13:23		58.94	0.00		0.50	7.65	2.044	1.02	2.07	17.33	-158.7	Clear	N/A	Y
MW09S1	5/14/2013 13:28		59.03	0.09		0.50	7.10	1.914	0.27	0.57	16.91	-161.3	Clear	N/A	Y
MW09S1	5/14/2013 13:34		59.07	0.13		0.50	6.94	2.020	0.19	0.39	16.92	-151.4	Clear	N/A	Y
MW09S1	5/14/2013 13:40		59.06	0.12		0.50	6.91	0.320	1.25	0.33	16.89	-145.9	Clear	N/A	Y
MW09S1	5/14/2013 13:44		59.06	0.12		0.50	6.90	2.091	0.96	0.36	16.90	-146.2	Clear	N/A	Y
MW09S3	5/14/2013 8:21	49.79	49.79	0.00		0.50	7.46	0.932	3.59	11.20	16.01	34.7	Clear	N/A	Y
MW09S3	5/14/2013 8:27		49.80	0.01		0.50	6.92	0.863	0.46	1.24	15.84	40.1	Clear	N/A	Y
MW09S3	5/14/2013 8:32		49.81	0.02		0.50	6.86	0.857	0.81	1.07	15.92	30.6	Clear	N/A	Y
MW09S3	5/14/2013 8:37		49.81	0.02		0.50	6.85	0.844	0.12	0.78	15.94	22.6	Clear	N/A	N
MW09S3	5/14/2013 8:43		49.81	0.02		0.50	6.90	0.843	0.56	0.55	15.95	16.4	Clear	N/A	Y
MW09S3	5/14/2013 8:45		49.81	0.02		0.50	6.86	0.838	0.16	0.65	15.93	14.8	Clear	N/A	Y
MW10S1	5/16/2013 9:40	40.25	40.25	0.00		0.45	7.01	1.173	10.19	6.63	15.84	2.4	Clear	N/A	N
MW10S1	5/16/2013 9:45		40.25	0.00		0.45	7.03	1.177	50.00	4.32	16.03	2.1	Slightly Cloudy	N/A	N
MW10S1	5/16/2013 9:55		40.25	0.00		0.45	7.11	1.167	34.40	2.47	16.02	-6.7	Clear	N/A	N
MW10S1	5/16/2013 10:00		40.25	0.00		0.45	7.10	1.183	24.30	2.60	16.02	-8.3	Clear	N/A	N
MW10S1	5/16/2013 10:05		40.25	0.00		0.45	7.09	1.190	17.80	2.64	16.02	-8.7	Clear	N/A	N
MW10S1	5/16/2013 10:10		40.25	0.00		0.45	7.09	1.189	8.24	2.76	16.10	-8.0	Clear	N/A	N
MW10S2	5/16/2013 8:35	40.41	40.41	0.00		0.60	6.90	1.071	115.00	5.97	16.04	16.0	Turbid	Orange	N
MW10S2	5/16/2013 8:40		40.41	0.00		0.60	6.88	1.027	85.50	5.15	15.95	11.9	Turbid	Orange	N
MW10S2	5/16/2013 8:45		40.41	0.00		0.60	6.87	1.027	45.30	5.14	15.97	4.9	Turbid	Orange	N
MW10S2	5/16/2013 8:50		40.41	0.00		0.60	6.88	1.028	34.80	5.16	15.91	3.6	Slightly Cloudy	Orange	N
MW10S2	5/16/2013 8:55		40.41	0.00		0.60	6.88	1.029	24.20	5.12	15.88	2.8	Slightly Cloudy	Orange	N
MW10S2	5/16/2013 9:00		40.41	0.00		0.60	6.88	1.030	12.40	5.19	15.88	3.5	Clear	N/A	N
MW10S2	5/16/2013 9:05		40.41	0.00		0.60	6.89	1.031	7.47	5.22	15.86	3.6	Clear	N/A	N
MW10S3	5/16/2013 10:35	39.63	39.85	0.22		0.21	6.91	0.276	4.60	2.63	16.71	-106.6	Clear	N/A	N
MW10S3	5/16/2013 10:40		39.94	0.31		0.21	6.69	0.230	1.85	0.68	16.59	-100.9	Clear	N/A	N
MW10S3	5/16/2013 10:45		40.21	0.58		0.21	6.60	0.198	1.61	0.39	17.14	-105.4	Clear	N/A	N
MW10S3	5/16/2013 10:50		40.26	0.63		0.10	6.80	0.194	1.53	0.38	17.56	-113.6	Clear	N/A	N
MW10S3	5/16/2013 10:55		40.27	0.64		0.10	6.84	0.195	1.42	0.35	17.63	-112.1	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW113S3	5/22/2013 10:00	52.95	52.95	0.00		0.50	9.48	24.440	3.03	10.27	18.60	0.1	Clear	Yellow	Y
MW113S3	5/22/2013 10:05		52.95	0.00		0.50	9.52	24.460	2.69	11.80	18.64	-18.0	Clear	Yellow	Y
MW113S3	5/22/2013 10:15		52.95	0.00		0.50	9.55	24.570	2.21	14.73	18.69	-29.2	Clear	Yellow	Y
MW113S3	5/22/2013 10:20		52.95	0.00		0.50	9.57	24.660	2.58	15.51	18.79	-32.9	Clear	Yellow	Y
MW113S3	5/22/2013 10:25		52.95	0.00		0.50	9.56	24.750	2.74	15.55	18.74	-34.5	Clear	Yellow	Y
MW113S3	5/22/2013 10:30		52.95	0.00		0.50	9.57	24.800	2.24	15.46	18.76	-35.6	Clear	Yellow	Y
MW114S1	5/22/2013 8:50	59.67	59.70	0.03		0.40	6.97	4.320	2.63	1.93	17.69	-41.9	Clear	N/A	N
MW114S1	5/22/2013 8:55		59.70	0.03		0.40	7.05	4.271	2.04	1.47	17.80	-47.4	Clear	N/A	N
MW114S1	5/22/2013 9:00		59.70	0.03		0.40	7.15	4.212	1.19	1.11	17.75	-51.8	Clear	N/A	N
MW114S1	5/22/2013 9:05		59.70	0.03		0.40	7.21	4.148	1.58	0.85	17.83	-54.1	Clear	N/A	N
MW114S1	5/22/2013 9:10		59.70	0.03		0.40	7.25	4.088	1.32	0.62	17.92	-57.1	Clear	N/A	N
MW114S1	5/22/2013 9:15		59.70	0.03		0.40	7.26	4.063	1.19	0.56	17.92	-59.9	Clear	N/A	N
MW114S1	5/22/2013 9:20		59.70	0.03		0.40	7.29	4.051	1.21	0.54	17.96	-61.9	Clear	N/A	N
MW11S1	5/14/2013 9:20	29.86	29.86	0.00		0.45	6.89	2.076	6.56	0.07	15.96	-2.7	Clear	N/A	N
MW11S1	5/14/2013 9:25		29.86	0.00		0.45	6.98	1.934	1.40	0.03	15.87	-7.7	Clear	N/A	N
MW11S1	5/14/2013 9:30		29.86	0.00		0.45	7.03	1.844	0.69	0.02	15.86	-10.6	Clear	N/A	N
MW11S1	5/14/2013 9:35		29.86	0.00		0.45	7.05	1.828	0.59	0.02	15.90	-11.2	Clear	N/A	N
MW11S1	5/14/2013 9:40		29.86	0.00		0.45	7.06	1.822	0.91	0.02	15.95	-11.5	Clear	N/A	N
MW11S3A	5/14/2013 8:40	30.13	30.13	0.00		0.45	6.65	0.851	0.26	0.29	16.02	-48.9	Clear	N/A	N
MW11S3A	5/14/2013 8:45		30.13	0.00		0.45	6.66	0.847	0.30	0.21	16.16	-19.9	Clear	N/A	N
MW11S3A	5/14/2013 8:50		30.13	0.00		0.45	6.68	0.844	0.23	0.18	16.22	-15.1	Clear	N/A	N
MW11S3A	5/14/2013 8:55		30.13	0.00		0.45	6.69	0.841	0.26	0.19	16.23	-16.0	Clear	N/A	N
MW11S3A	5/14/2013 9:00		30.13	0.00		0.45	6.69	0.835	0.28	0.19	16.25	-16.9	Clear	N/A	N
MW12S1A	5/20/2013 13:47	59.96	60.00	0.04		0.35	6.80	8.605	0.21	3.52	16.65	-8.2	Clear	N/A	Y
MW12S3	5/28/2013 15:15	51.10	51.12	0.02		0.40	6.55	1.255	1345.00	3.50	19.42	63.4	Turbid	Black	Y
MW12S3	5/28/2013 15:25		52.12	0.02		0.50	6.60	1.237	128.00	4.16	19.53	55.4	Turbid	Brown	Y
MW12S3	5/28/2013 15:35		52.12	0.02		0.50	6.60	1.218	52.70	4.82	18.71	53.4	Slightly Cloudy	Brown	Y
MW12S3	5/28/2013 15:40		52.12	0.02		0.60	6.58	1.214	37.40	5.02	18.69	52.5	Slightly Cloudy	Brown	Y
MW12S3	5/28/2013 15:45		52.12	0.02		0.60	6.57	1.215	28.40	5.12	18.33	52.0	Clear	N/A	Y
MW12S3	5/28/2013 15:50		52.12	0.02		0.60	6.57	1.223	21.10	5.39	17.69	51.1	Clear	N/A	Y
MW12S3	5/28/2013 15:55		52.12	0.02		0.60	6.57	1.238	9.78	5.38	17.54	52.2	Clear	N/A	Y
MW130S1	5/13/2013 15:00	23.56	23.56	0.00		0.50	6.83	0.985	0.36	1.88	16.32	-84.1	Clear	N/A	N
MW130S1	5/13/2013 15:05		23.56	0.00		0.50	6.73	0.952	0.29	0.38	16.07	-16.4	Clear	N/A	N
MW130S1	5/13/2013 15:10		23.56	0.00		0.50	6.74	0.945	0.35	0.34	16.12	-12.9	Clear	N/A	N
MW130S1	5/13/2013 15:15		23.56	0.00		0.50	6.76	0.943	0.33	0.32	16.10	-10.4	Clear	N/A	N
MW130S1	5/13/2013 15:20		23.56	0.00		0.50	6.76	0.944	0.16	0.29	16.06	-12.3	Clear	N/A	N
MW130S2	5/13/2013 14:20	23.23	23.23	0.00		0.58	6.23	0.692	1.41	1.81	16.08	20.6	Clear	N/A	N
MW130S2	5/13/2013 14:25		23.23	0.00		0.58	6.23	0.691	1.35	1.47	16.05	16.3	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW130S2	5/13/2013 14:30		23.23	0.00		0.58	6.24	0.691	0.80	1.28	16.02	13.0	Clear	N/A	N
MW130S2	5/13/2013 14:35		23.23	0.00		0.58	6.25	0.691	0.44	1.15	16.04	12.7	Clear	N/A	N
MW130S2	5/13/2013 14:40		23.23	0.00		0.58	6.24	0.691	0.17	1.24	16.03	12.5	Clear	N/A	N
MW130S3	5/13/2013 13:25	23.08	23.08	0.00		0.74	6.17	0.955	18.60	2.46	15.96	52.3	Clear	N/A	N
MW130S3	5/13/2013 13:30		23.08	0.00		0.74	6.30	0.958	15.70	1.42	15.85	32.0	Clear	N/A	N
MW130S3	5/13/2013 13:35		23.08	0.00		0.74	6.24	0.956	12.69	1.19	15.86	25.0	Clear	N/A	N
MW130S3	5/13/2013 13:40		23.08	0.00		0.74	6.26	0.958	9.07	0.80	15.87	18.7	Clear	N/A	N
MW130S3	5/13/2013 13:45		23.08	0.00		0.74	6.28	0.958	7.95	0.63	15.85	16.0	Clear	N/A	N
MW130S3	5/13/2013 13:50		23.08	0.00		0.74	6.20	0.958	5.34	0.58	15.87	12.7	Clear	N/A	N
MW130S3	5/13/2013 13:55		23.08	0.00		0.74	6.21	0.958	3.25	0.51	15.86	10.5	Clear	N/A	N
MW130S3	5/13/2013 14:00		23.08	0.00		0.74	6.22	0.958	2.59	0.50	15.88	9.2	Clear	N/A	N
MW131S2	5/9/2013 12:40	21.95	21.95	0.00		0.60	6.64	1.263	0.96	8.04	13.95	40.2	Clear	N/A	N
MW131S2	5/9/2013 12:45		21.95	0.00		0.60	6.62	1.321	0.41	1.00	13.97	-1.9	Clear	N/A	N
MW131S2	5/9/2013 12:50		21.95	0.00		0.60	6.64	1.330	0.21	0.71	13.86	-6.5	Clear	N/A	N
MW131S2	5/9/2013 12:55		21.95	0.00		0.60	6.65	1.333	0.41	0.56	13.88	-8.6	Clear	N/A	N
MW131S2	5/9/2013 13:00		21.95	0.00		0.60	6.64	1.332	0.04	0.46	13.93	-9.5	Clear	N/A	N
MW131S2	5/9/2013 13:05		21.95	0.00		0.60	6.64	1.331	0.05	0.44	13.81	-10.7	Clear	N/A	N
MW131S2	5/9/2013 13:10		21.95	0.00		0.60	6.63	1.330	0.23	0.42	13.83	-9.9	Clear	N/A	N
MW131S3	5/9/2013 11:50	21.61	21.61	0.00		0.60	6.18	0.932	1.04	1.19	13.99	7.1	Clear	N/A	N
MW131S3	5/9/2013 11:55		21.61	0.00		0.60	6.20	0.939	0.62	0.83	13.96	0.7	Clear	N/A	N
MW131S3	5/9/2013 12:00		21.61	0.00		0.60	6.23	0.939	0.41	0.66	13.91	-1.9	Clear	N/A	N
MW131S3	5/9/2013 12:05		21.61	0.00		0.60	6.27	0.942	0.16	0.58	13.94	-3.5	Clear	N/A	N
MW131S3	5/9/2013 12:10		21.61	0.00		0.60	6.24	0.942	0.28	0.53	13.95	-3.7	Clear	N/A	N
MW131S3	5/9/2013 12:15		21.61	0.00		0.60	6.28	0.943	0.25	0.51	14.00	-5.4	Clear	N/A	N
MW132S1	5/9/2013 15:10	35.91	35.95	0.04		0.60	6.86	0.949	0.22	1.10	15.68	-5.3	Clear	N/A	N
MW132S1	5/9/2013 15:15		35.95	0.04		0.60	6.85	0.947	0.46	0.69	15.76	-12.3	Clear	N/A	N
MW132S1	5/9/2013 15:20		35.95	0.04		0.60	6.89	0.949	1.03	0.55	15.81	-15.0	Clear	N/A	N
MW132S1	5/9/2013 15:25		35.96	0.05		0.60	6.92	0.950	1.17	0.45	15.71	-17.4	Clear	N/A	N
MW132S1	5/9/2013 15:30		36.10	0.19		0.60	6.92	0.951	1.09	0.42	15.72	-17.3	Clear	N/A	N
MW132S1	5/9/2013 15:35		36.10	0.19		0.60	6.94	0.948	0.98	0.40	15.77	-17.9	Clear	N/A	N
MW132S2/S3	5/9/2013 15:55	36.00	36.00	0.00		0.68	6.64	0.541	1.67	8.06	15.90	12.3	Clear	N/A	N
MW132S2/S3	5/9/2013 16:00		36.00	0.00		0.68	6.56	0.552	1.98	7.68	15.87	13.8	Clear	N/A	N
MW132S2/S3	5/9/2013 16:05		36.00	0.00		0.68	6.57	0.553	0.84	7.65	15.87	14.0	Clear	N/A	N
MW132S2/S3	5/9/2013 16:10		36.00	0.00		0.68	6.60	0.553	0.63	7.62	15.87	14.2	Clear	N/A	N
MW133S2/S3	5/13/2013 15:00	25.66	25.66	0.00		0.52	6.70	0.674	1.17	4.74	16.00	24.3	Clear	N/A	N
MW133S2/S3	5/13/2013 15:55		25.66	0.00		0.52	6.70	0.686	2.12	5.13	16.16	26.1	Clear	N/A	N
MW133S2/S3	5/13/2013 16:05		25.66	0.00		0.52	6.73	0.681	0.37	4.45	16.02	23.1	Clear	N/A	N
MW133S2/S3	5/13/2013 16:10		25.66	0.00		0.52	6.79	0.684	0.25	4.45	16.00	21.5	Clear	N/A	N
MW133S2/S3	5/13/2013 16:15		25.66	0.00		0.52	6.75	0.688	0.03	4.45	15.98	22.0	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW134S2	5/8/2013 13:55	44.77	44.77	0.00		0.53	6.87	0.774	0.88	5.82	15.71	16.0	Clear	N/A	N
MW134S2	5/8/2013 14:00		44.77	0.00		0.53	6.84	0.778	0.62	5.88	15.66	17.8	Clear	N/A	N
MW134S2	5/8/2013 14:05		44.77	0.00		0.53	6.84	0.779	0.94	6.03	15.69	19.7	Clear	N/A	N
MW134S2	5/8/2013 14:10		44.77	0.00		0.53	6.85	0.780	0.47	5.95	15.66	20.3	Clear	N/A	N
MW135S1	5/7/2013 13:29	45.72	45.73	0.01		0.48	7.00	0.743	6.52	9.20	15.43	72.8	Slightly Cloudy	N/A	N
MW135S1	5/7/2013 13:34		45.80	0.10		0.48	7.00	0.744	7.40	3.07	15.29	55.7	Clear	N/A	N
MW135S1	5/7/2013 13:39		45.79	0.09		0.48	7.05	0.744	10.10	2.93	15.26	52.2	Clear	N/A	N
MW135S1	5/7/2013 13:44		45.79	0.09		0.48	7.05	0.745	10.05	2.99	15.22	49.8	Clear	N/A	N
MW135S1	5/7/2013 13:49		45.78	0.08		0.48	7.06	0.744	9.98	2.99	15.23	49.5	Clear	N/A	N
MW135S2/S3	5/7/2013 14:05	45.62	45.62	0.00		0.65	6.93	0.700	8.86	1.30	15.27	218.0	Clear	N/A	N
MW135S2/S3	5/7/2013 14:10		45.65	0.03		0.65	7.50	0.717	11.19	1.32	15.25	25.6	Clear	N/A	N
MW135S2/S3	5/7/2013 14:16		45.65	0.03		0.65	7.45	0.718	6.41	1.33	15.15	25.9	Clear	N/A	N
MW135S2/S3	5/7/2013 14:20		45.65	0.03		0.65	7.42	0.716	6.48	1.32	15.17	25.7	Clear	N/A	N
MW135S2/S3	5/7/2013 14:24		45.65	0.03		0.65	7.42	0.715	5.62	1.32	15.17	26.0	Clear	N/A	N
MW136S2/S3	5/7/2013 15:15	30.79	30.79	0.00		0.55	7.05	0.942	3.35	4.81	15.96	27.2	Clear	N/A	N
MW136S2/S3	5/7/2013 15:20		30.80	0.01		0.55	6.93	0.933	3.20	4.69	15.96	28.7	Clear	N/A	N
MW136S2/S3	5/7/2013 15:25		30.81	0.02		0.55	6.98	0.931	2.75	4.68	15.99	28.8	Clear	N/A	N
MW136S2/S3	5/7/2013 15:30		30.82	0.03		0.55	6.98	0.927	2.85	4.65	15.99	29.2	Clear	N/A	N
MW136S2/S3	5/7/2013 15:35		30.80	0.01		0.55	6.98	0.940	1.25	4.76	15.98	28.8	Clear	N/A	N
MW137S1	5/9/2013 8:25	49.49	49.49	0.00		0.30	7.16	0.595	1.55	0.91	15.52	-115.8	Clear	N/A	N
MW137S1	5/9/2013 8:30		49.55	0.06		0.30	7.16	0.595	1.50	0.93	15.55	-117.4	Clear	N/A	N
MW137S1	5/9/2013 8:35		49.59	0.10		0.30	7.17	0.594	1.42	0.90	15.58	-117.2	Clear	N/A	N
MW137S1	5/9/2013 8:40		49.59	0.10		0.30	7.19	0.595	1.40	0.88	15.59	-119.9	Clear	N/A	N
MW137S2	5/8/2013 15:10	49.12	49.12	0.00		0.28	7.19	0.721	0.14	0.93	15.86	-66.3	Clear	N/A	N
MW137S2	5/8/2013 15:15		49.68	0.56		0.28	7.16	0.719	0.25	0.96	15.94	-53.5	Clear	N/A	N
MW137S2	5/8/2013 15:20		49.72	0.60		0.28	7.14	0.719	0.23	2.00	15.91	-46.6	Clear	N/A	N
MW137S2	5/8/2013 15:25		49.80	0.68		0.28	7.14	0.719	0.36	0.98	15.86	-46.9	Clear	N/A	N
MW137S3	5/8/2013 14:15	49.57	49.57	0.00		0.29	7.01	0.763	2.52	6.40	15.95	-3.8	Clear	N/A	N
MW137S3	5/8/2013 14:20		49.60	0.03		0.29	6.96	0.764	2.30	6.56	15.97	-2.1	Clear	N/A	N
MW137S3	5/8/2013 14:25		49.63	0.06		0.29	6.96	0.767	2.36	6.78	15.86	-1.0	Clear	N/A	N
MW137S3	5/8/2013 14:30		49.62	0.05		0.29	6.95	0.766	2.45	6.60	15.86	-0.1	Clear	N/A	N
MW137S3	5/8/2013 14:35		49.63	0.06		0.29	6.95	0.766	2.58	6.68	15.88	-0.8	Clear	N/A	N
MW138S1	5/8/2013 11:20	43.00	43.00	0.00		0.50	7.23	0.686	4.32	3.40	15.34	4.0	Clear	N/A	N
MW138S1	5/8/2013 11:25		43.04	0.04		0.50	7.18	0.686	3.99	3.16	15.31	3.7	Clear	N/A	N
MW138S1	5/8/2013 11:30		43.05	0.05		0.50	7.15	0.686	3.92	3.05	15.27	3.5	Clear	N/A	N
MW138S1	5/8/2013 11:35		43.04	0.04		0.50	7.12	0.686	3.88	2.95	15.28	3.6	Clear	N/A	N
MW138S1	5/8/2013 11:40		43.05	0.05		0.50	7.10	0.686	3.90	2.98	15.28	3.5	Clear	N/A	N
MW138S2/S3	5/8/2013 10:45	42.97	42.97	0.00		0.50	7.41	0.786	4.51	9.89	15.04	-20.4	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW138S2/S3	5/8/2013 10:50		42.99	0.02		0.50	7.14	0.777	2.69	5.83	15.01	-8.0	Clear	N/A	N
MW138S2/S3	5/8/2013 10:55		43.00	0.03		0.50	7.06	0.775	2.78	5.23	15.01	-3.7	Clear	N/A	N
MW138S2/S3	5/8/2013 11:00		43.01	0.04		0.50	7.05	0.774	1.59	5.16	15.02	0.6	Clear	N/A	N
MW138S2/S3	5/8/2013 11:05		43.01	0.04		0.50	7.01	0.775	2.00	4.81	15.05	3.5	Clear	N/A	N
MW139S2/S3	5/7/2013 15:55	43.21	43.21	0.00		0.53	7.00	1.615	0.09	8.05	15.94	12.2	Clear	N/A	N
MW139S2/S3	5/7/2013 16:00		43.22	0.01		0.53	6.87	1.592	0.08	7.50	15.90	31.1	Clear	N/A	N
MW139S2/S3	5/7/2013 16:05		43.22	0.01		0.53	6.85	1.585	0.08	7.48	15.88	32.6	Clear	N/A	N
MW139S2/S3	5/7/2013 16:10		43.21	0.00		0.53	6.85	1.580	0.10	7.46	15.88	33.2	Clear	N/A	N
MW139S2/S3	5/7/2013 16:15		43.22	0.01		0.53	6.88	1.578	0.10	7.49	15.89	34.0	Clear	N/A	N
MW139S2/S3	5/7/2013 16:20		43.21	0.00		0.53	6.88	1.577	0.09	7.45	15.88	33.8	Clear	N/A	N
MW13S1	5/21/2013 11:20	48.32[13]	48.28	0.04		0.60	7.22	0.861	0.25	1.91	16.18	1.0	Clear	N/A	N
MW13S1	5/21/2013 11:25		48.28	0.04		0.60	7.29	0.890	1.98	0.57	16.14	-1.0	Clear	N/A	N
MW13S1	5/21/2013 11:30		48.28	0.04		0.60	7.29	0.892	0.21	0.48	16.03	-1.0	Clear	N/A	N
MW13S1	5/21/2013 11:35		48.28	0.04		0.60	7.27	0.896	0.18	0.46	16.18	-1.7	Clear	N/A	N
MW13S1	5/21/2013 11:40		48.28	0.04		0.60	7.27	0.899	0.34	0.45	16.26	-2.1	Clear	N/A	N
MW13S3	5/21/2013 10:25	51.72[13]	51.67	0.05		0.60	7.11	0.419	0.93	7.95	15.88	-3.1	Clear	N/A	N
MW13S3	5/21/2013 10:40		51.67	0.05		0.60	7.19	0.422	0.38	8.14	16.88	6.5	Clear	N/A	N
MW13S3	5/21/2013 10:45		51.67	0.05		0.60	6.87	0.420	0.69	6.21	15.90	14.1	Clear	N/A	N
MW13S3	5/21/2013 10:50		51.67	0.05		0.60	6.91	0.420	0.72	6.09	15.89	14.5	Clear	N/A	N
MW13S3	5/21/2013 10:55		51.67	0.05		0.60	6.88	0.421	0.60	6.03	15.89	13.2	Clear	N/A	N
MW140S1	5/21/2013 14:03	49.55	49.55	0.00		0.35	7.61	0.632	11.89	2.54	16.58	-78.4	Clear	N/A	N
MW140S1	5/21/2013 14:08		49.55	0.00		0.35	7.44	0.641	11.22	1.87	16.37	-85.7	Clear	N/A	N
MW140S1	5/21/2013 14:13		49.55	0.00		0.35	7.40	0.639	12.30	1.57	16.24	-85.5	Clear	N/A	N
MW140S1	5/21/2013 14:18		49.55	0.00		0.35	7.35	0.638	11.25	1.56	16.18	-82.8	Clear	N/A	N
MW140S1	5/21/2013 14:23		49.55	0.00		0.35	7.33	0.638	11.20	1.40	16.15	-81.7	Clear	N/A	N
MW140S2/S3	5/21/2013 15:03	49.90	49.90	0.00		0.35	6.93	1.426	4.78	7.79	16.18	1.2	Clear	N/A	N
MW140S2/S3	5/21/2013 15:08		49.90	0.00		0.35	6.86	1.452	2.52	6.50	16.11	1.2	Clear	N/A	N
MW140S2/S3	5/21/2013 15:13		49.90	0.00		0.35	6.83	1.450	2.15	6.45	16.18	1.3	Clear	N/A	N
MW140S2/S3	5/21/2013 15:18		49.90	0.00		0.35	6.81	1.448	2.05	6.40	16.17	1.4	Clear	N/A	N
MW141S2/S3	5/16/2013 14:23	51.56	51.65	0.09		0.50	7.76	0.436	22.80	6.87	16.56	-16.2	Slightly Cloudy	N/A	N
MW141S2/S3	5/16/2013 14:28		51.67	0.11		0.50	7.18	0.439	44.20	5.43	16.56	4.1	Slightly Cloudy	Yellow	N
MW141S2/S3	5/16/2013 14:33		51.65	0.09		0.50	6.95	0.440	58.90	5.21	16.24	7.4	Slightly Cloudy	Yellow	N
MW141S2/S3	5/16/2013 14:38		51.63	0.07		0.50	6.88	0.435	54.60	5.36	16.20	9.5	Slightly Cloudy	N/A	N
MW141S2/S3	5/16/2013 14:43		51.65	0.09		0.50	6.83	0.436	52.10	5.44	16.17	10.6	Slightly Cloudy	N/A	N
MW141S2/S3	5/16/2013 14:48		51.64	0.08		0.50	6.77	0.434	44.20	5.52	16.23	11.9	Slightly Cloudy	N/A	N
MW141S2/S3	5/16/2013 14:53		51.63	0.07		0.50	6.76	0.435	41.40	5.53	16.18	12.1	Slightly Cloudy	N/A	N
MW141S2/S3	5/16/2013 14:58		51.63	0.07		0.50	6.77	0.435	39.50	5.49	16.16	11.5	Slightly Cloudy	N/A	N
MW142S2/S3	5/13/2013 14:52	41.42	41.42	0.00		0.55	7.82	0.464	26.80	17.62	16.83	-18.2	Clear	N/A	N
MW142S2/S3	5/13/2013 15:01		41.87	0.45		0.55	7.44	0.602	24.00	5.36	16.36	27.2	Slightly Cloudy	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW142S2/S3	5/13/2013 15:06		41.87	0.45		0.55	7.38	0.598	NM	4.25	16.28	20.1	Slightly Cloudy	N/A	N
MW142S2/S3	5/13/2013 15:11		41.87	0.45		0.55	7.37	0.596	39.40	3.69	16.30	15.8	Turbid	Milky white	N
MW142S2/S3	5/13/2013 15:15		41.87	0.45		0.55	7.33	0.593	55.00	3.15	16.28	11.5	Turbid	Milky	N
MW142S2/S3	5/13/2013 15:20		41.82	0.40		0.55	7.26	0.588	NM	2.74	16.29	7.6	Slightly Cloudy	Milky	N
MW142S2/S3	5/13/2013 15:25		41.80	0.38		0.55	7.27	0.582	NM	2.50	16.28	5.0	Turbid	Milky	N
MW142S2/S3	5/13/2013 15:30		41.80	0.38		0.55	7.25	0.582	61.60	2.44	16.29	3.0	Turbid	Milky	N
MW142S2/S3	5/13/2013 15:35		41.82	0.40		0.55	7.26	0.580	62.30	2.15	16.28	2.9	Turbid	Milky	N
MW143S2/S3	5/17/2013 9:30	43.41	43.41	0.00		0.90	6.96	1.319	5.93	2.63	15.44	15.1	Clear	N/A	Y
MW143S2/S3	5/17/2013 9:35		43.41	0.00		0.90	6.95	1.418	25.40	2.10	15.32	10.4	Slightly Cloudy	Grey	Y
MW143S2/S3	5/17/2013 9:40		43.41	0.00		0.90	6.97	1.413	12.27	2.08	15.45	8.3	Clear	N/A	Y
MW143S2/S3	5/17/2013 9:45		43.41	0.00		0.90	6.98	1.410	6.11	2.09	15.35	6.1	Clear	N/A	Y
MW144S2/S3	5/7/2013 15:04	46.09	46.10	0.01		0.60	7.01	0.694	28.80	1.25	15.28	209.7	Clear	N/A	N
MW144S2/S3	5/7/2013 15:10		46.08	-0.01		0.60	7.01	0.691	13.70	1.22	15.37	203.9	Clear	N/A	N
MW144S2/S3	5/7/2013 15:15		46.09	0.00		0.60	7.01	0.692	6.45	1.20	15.35	195.5	Clear	N/A	N
MW144S2/S3	5/7/2013 15:21		46.09	0.00		0.60	7.01	0.690	5.01	1.20	15.34	188.3	Clear	N/A	N
MW145S2/S3	5/7/2013 15:50	31.40	31.45	0.05		0.60	6.89	1.554	41.10	0.29	15.39	135.0	Slightly Cloudy	N/A	N
MW145S2/S3	5/7/2013 15:55		31.45	0.05		0.60	6.86	1.577	34.30	0.35	15.46	127.8	Slightly Cloudy	N/A	N
MW145S2/S3	5/7/2013 16:00		31.45	0.05		0.60	6.79	1.606	28.60	0.43	15.44	125.5	Slightly Cloudy	N/A	N
MW145S2/S3	5/7/2013 16:05		31.45	0.05		0.60	6.79	1.623	22.10	0.50	15.43	127.8	Slightly Cloudy	N/A	N
MW145S2/S3	5/7/2013 16:10		31.45	0.05		0.60	6.78	1.640	20.50	0.53	15.39	132.3	Clear	N/A	N
MW145S2/S3	5/7/2013 16:15		31.44	0.04		0.60	6.75	1.650	14.20	0.56	15.41	136.6	Clear	N/A	N
MW145S2/S3	5/7/2013 16:20		31.45	0.05		0.60	6.76	1.656	9.96	0.58	15.40	137.3	Clear	N/A	N
MW14S1	5/21/2013 16:30	61.41	61.65	0.24		0.60	7.33	0.855	3.16	2.96	15.66	5.4	Clear	N/A	N
MW14S1	5/21/2013 16:35		62.17	0.76		0.30	7.29	0.855	0.62	0.85	15.91	1.3	Clear	N/A	N
MW14S1	5/21/2013 16:40		62.05	0.64		0.30	7.34	0.858	0.74	1.29	16.28	-0.1	Clear	N/A	N
MW14S1	5/21/2013 16:45		61.96	0.55		0.30	7.33	0.858	0.20	1.34	16.39	0.9	Clear	N/A	N
MW14S1	5/21/2013 16:50		61.91	0.50		0.30	7.33	0.858	0.14	1.38	16.46	1.3	Clear	N/A	N
MW14S3	5/21/2013 15:55	52.13	52.15	0.02		0.78	6.71	2.667	125.00	6.21	15.82	-6.5	Turbid	Orange	N
MW14S3	5/21/2013 16:00		52.15	0.02		0.78	6.52	3.291	35.70	3.27	15.24	13.5	Clear	N/A	N
MW14S3	5/21/2013 16:05		52.15	0.02		0.78	6.51	3.803	17.40	2.99	15.24	13.1	Clear	N/A	N
MW14S3	5/21/2013 16:10		52.15	0.02		0.78	6.52	3.818	11.10	2.98	15.25	12.8	Clear	N/A	N
MW14S3	5/21/2013 16:15		52.15	0.02		0.78	6.53	3.824	9.16	2.93	15.28	11.8	Clear	N/A	N
MW15S1	5/21/2013 14:00	56.36	56.38	0.02		0.23	6.82	1.247	1.90	3.50	16.42	-118.9	Clear	N/A	Y
MW15S1	5/21/2013 14:05		56.38	0.02		0.23	6.85	1.046	7.08	3.05	16.12	-56.6	Clear	N/A	Y
MW15S1	5/21/2013 14:10		56.38	0.02		0.23	6.98	0.981	3.87	1.34	16.03	-27.6	Clear	N/A	Y
MW15S1	5/21/2013 14:15		56.38	0.02		0.23	7.23	1.121	1.07	1.02	15.90	-16.9	Clear	N/A	Y
MW15S1	5/21/2013 14:20		56.38	0.02		0.23	7.28	1.132	0.27	0.97	15.87	-12.7	Clear	N/A	N
MW15S1	5/21/2013 14:25		56.38	0.02		0.23	7.29	1.136	0.20	0.96	15.93	-11.2	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW15S2	5/21/2013 15:00	50.11	50.11	0.00		0.80	7.13	1.157	19.90	3.29	15.44	2.3	Clear	N/A	N
MW15S2	5/21/2013 15:05		50.11	0.00		0.80	7.04	1.235	24.10	4.28	15.29	7.1	Clear	N/A	N
MW15S2	5/21/2013 15:10		50.11	0.00		0.80	6.76	1.873	21.90	6.70	15.26	13.5	Clear	N/A	N
MW15S2	5/21/2013 15:15		50.11	0.00		0.80	6.76	2.121	8.95	6.83	15.23	14.5	Clear	N/A	N
MW15S2	5/21/2013 15:20		50.11	0.00		0.80	6.77	2.126	4.55	6.76	15.19	14.4	Clear	N/A	N
MW15S2	5/21/2013 15:25		50.11	0.00		0.80	6.77	2.132	4.48	6.79	15.18	14.6	Clear	N/A	N
MW162SS	5/20/2013 14:53	49.65	49.65	0.00		0.35	7.95	5.431	0.72	2.94	16.68	-63.2	Clear	N/A	N
MW162SS	5/20/2013 14:59		49.68	0.20		0.35	7.15	5.800	1.15	2.66	16.54	-76.5	Clear	N/A	N
MW162SS	5/20/2013 15:05		49.65	0.00		0.35	7.02	6.622	2.30	2.21	16.50	-82.0	Clear	N/A	N
MW162SS	5/20/2013 15:10		49.68	0.00		0.35	7.00	6.395	1.12	1.97	16.51	-83.5	Clear	N/A	N
MW162SS	5/20/2013 15:15					0.35	6.96	6.444	1.59	1.86	16.59	-83.3	Clear	N/A	N
MW16BR	5/20/2013 15:52	52.18	52.20	0.20		0.35	7.40	2.933	1.52	6.60	18.65	-105.9	Clear	N/A	N
MW16BR	5/23/2013 11:15		52.20	0.20		0.35	6.94	0.907	NM	NM	15.25	NM	Turbid	Tan	N
MW-16BR	5/20/2013 15:57		52.20	0.20		0.35	7.51	2.988	1.20	3.47	17.38	-120.9	Clear	N/A	N
MW-16BR	5/20/2013 16:02		52.20	0.20		0.35	7.44	2.988	3.02	6.89	18.51	-132.8	Clear	N/A	N
MW-16BR	5/20/2013 16:07		52.20	0.20		0.35	7.47	2.999	1.20	6.91	18.42	-140.2	Clear	N/A	N
MW16S1A	5/21/2013 9:15	54.71	54.71	0.00		0.35	7.08	1.067	1.65	3.40	16.37	-20.5	Clear	None	None
MW16S1A	5/21/2013 9:20		54.71	0.00		0.35	7.11	1.093	1.37	2.47	16.36	-9.9	Clear	None	None
MW16S1A	5/21/2013 9:25		54.71	0.00		0.35	7.09	1.107	1.35	2.36	16.22	-8.8	Clear	None	None
MW16S1A	5/21/2013 9:30		54.71	0.00		0.35	7.14	1.105	1.30	2.18	16.30	-10.2	Clear	None	None
MW16S1A	5/21/2013 9:35		54.71	0.00		0.35	7.16	1.107	1.35	2.33	16.39	-10.4	Clear	None	None
MW16S4R	5/23/2013 11:07	38.07	Bailed well	--	1	--	6.65	0.876	--	--	15.42	--	Turbid	Tan	N
MW16S4R	5/23/2013 11:09			--	2	--	6.80	0.911	--	--	15.36	--	Turbid	Tan	N
MW16S4R	5/23/2013 11:11			--	3	--	6.89	0.919	--	--	15.37	--	Turbid	Tan	N
MW16S4R	5/23/2013 11:17			--	5	--	6.95	0.919	--	--	15.28	--	Turbid	Tan	N
MW17S1	5/15/2013 8:30	55.87	55.87	0.00		0.45	6.99	0.749	2.53	0.35	15.51	29.3	Clear	N/A	N
MW17S1	5/15/2013 8:35		55.87	0.00		0.45	7.07	0.804	1.55	0.23	15.42	15.3	Clear	N/A	N
MW17S1	5/15/2013 8:40		55.87	0.00		0.45	7.15	0.858	1.20	0.15	15.42	8.9	Clear	N/A	N
MW17S1	5/15/2013 8:45		55.87	0.00		0.45	7.18	0.863	1.10	0.10	15.45	5.6	Clear	N/A	N
MW17S1	5/15/2013 8:50		55.87	0.00		0.45	7.19	0.864	0.57	0.09	15.45	2.3	Clear	N/A	N
MW17S1	5/15/2013 8:55		55.87	0.00		0.45	7.19	0.865	0.54	0.09	15.47	2.2	Clear	N/A	N
MW17S3A	5/15/2013 10:35	47.92	48.61	0.69		0.55	6.96	0.648	73.80	0.25	16.51	7.4	Turbid	Brown	N
MW17S3A	5/15/2013 10:40		48.61	0.69		0.54	6.98	0.646	45.20	0.13	16.28	-5.1	Slightly Cloudy	Brown	N
MW17S3A	5/15/2013 10:45		48.61	0.69		0.54	7.04	0.646	16.70	0.10	16.26	-10.0	Clear	N/A	N
MW17S3A	5/15/2013 10:50		48.61	0.69		0.54	7.09	0.644	12.34	0.09	16.20	-12.0	Clear	N/A	N
MW17S3A	5/15/2013 10:55		48.61	0.69		0.54	7.10	0.643	9.77	0.09	16.24	-12.9	Clear	N/A	N
MW17S3B	5/15/2013 9:15	47.62	47.62	0.00		0.15	6.56	1.369	2.51	0.99	16.95	31.5	Clear	N/A	N
MW17S3B	5/15/2013 9:20		47.62	0.00		0.15	6.52	1.426	1.16	1.06	17.01	33.4	Clear	N/A	N
MW17S3B	5/15/2013 9:25		47.62	0.00		0.15	6.55	1.451	0.05	1.10	17.16	33.0	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW17S3B	5/15/2013 9:30		47.62	0.00		0.15	6.55	1.460	0.44	1.09	17.23	32.9	Clear	N/A	N
MW17S3B	5/15/2013 9:35		47.62	0.00		0.15	6.55	1.462	0.07	1.11	17.25	32.8	Clear	N/A	N
MW18S1	5/29/2013 8:05	58.55	58.67	0.12		0.40	5.79	2.809	19.20	3.62	17.95	43.4	Clear	N/A	Y
MW18S1	5/29/2013 8:10		58.65	0.07		0.40	5.81	2.814	10.50	4.06	18.05	39.5	Clear	N/A	Y
MW18S1	5/29/2013 8:15		58.65	0.07		0.40	5.84	2.823	7.62	4.29	17.98	38.5	Clear	N/A	Y
MW18S1	5/29/2013 8:20		58.65	0.07		0.40	5.84	2.827	5.23	4.48	17.98	38.2	Clear	N/A	Y
MW18S1	5/29/2013 8:25		58.65	0.07		0.40	5.83	2.829	5.88	4.69	17.98	38.0	Clear	N/A	Y
MW18S3	5/22/2013 16:00	49.68	Bailed well	--	2.75	--	5.37	1.927	--	--	17.62	--	Turbid	Brown	Y
MW18S3	5/22/2013 16:05			--	5.5	--	5.13	1.888	--	--	17.10	--	Turbid	Brown	Y
MW18S3	5/22/2013 16:10			--	8.25	--	5.13	1.831	--	--	16.95	--	Turbid	Brown	Y
MW18S3	5/22/2013 16:15			--	11	--	5.14	1.765	--	--	16.98	--	Turbid	Brown	Y
MW18S3	5/22/2013 16:20			--	13.75	--	5.09	1.764	--	--	16.95	--	Turbid	Brown	Y
MW19S1	5/22/2013 14:35	58.65	58.95	0.30		0.30	7.00	3.790	58.60	1.68	18.06	-13.9	Turbid	Tan	N
MW19S1	5/22/2013 14:40		58.95	0.30		0.30	6.96	3.792	53.80	1.23	18.06	-14.9	Turbid	Tan	N
MW19S1	5/22/2013 14:45		58.95	0.30		0.30	6.97	3.783	48.10	1.72	18.07	-16.1	Turbid	Tan	N
MW19S1	5/22/2013 14:50		58.95	0.30		0.30	7.00	3.782	38.50	1.60	18.14	-16.4	Turbid	Tan	N
MW19S1	5/22/2013 14:55		58.95	0.30		0.30	6.94	3.779	33.60	1.64	17.96	-16.7	Slightly Cloudy	Tan	N
MW19S1	5/22/2013 15:00		58.95	0.30		0.30	6.93	3.770	37.00	1.69	17.97	-17.2	Slightly Cloudy	Tan	N
MW19S2	5/22/2013 11:20	19.70	27.05	7.35		0.25	7.79	1.981	13.60	5.85	17.61	-22.2	Clear	N/A	N
MW19S2	5/22/2013 11:25		29.45	9.75		0.25	7.68	1.963	11.70	5.19	17.60	-19.9	Clear	N/A	N
MW19S2	5/22/2013 11:30		31.30	11.60		0.25	7.60	1.941	11.30	4.83	17.54	-17.9	Clear	N/A	N
MW19S2	5/22/2013 11:35		34.00	14.30		0.25	7.53	1.916	11.20	4.30	17.42	-16.1	Clear	N/A	N
MW19S2	5/22/2013 11:40		36.80	17.10		0.25	7.48	1.879	12.40	4.16	17.52	-14.0	Clear	N/A	N
MW19S2	5/22/2013 11:45		40.55	20.85		0.50	7.41	1.834	12.42	4.18	17.39	-11.3	Clear	N/A	N
MW19S2	5/22/2013 11:50		43.95	24.25		0.50	7.36	1.823	11.50	4.18	17.33	-9.7	Clear	N/A	N
MW19S2	5/22/2013 11:55		47.55	27.85		0.50	7.33	1.800	13.00	4.22	17.33	-8.6	Clear	N/A	N
MW19S2	5/22/2013 12:00		51.00	31.30		0.50	7.30	1.570	14.90	5.83	17.36	-4.4	Slightly Cloudy	N/A	N
MW19S2	5/22/2013 12:05		54.95	34.25		0.50	7.15	1.475	15.60	6.84	17.36	3.3	Slightly Cloudy	N/A	N
MW19S2	5/22/2013 12:10		59.46	39.76		0.50	7.10	1.462	16.80	6.86	17.36	6.8	Slightly Cloudy	N/A	N
MW19S2	5/22/2013 12:15		65.20	45.50		0.50	7.06	1.456	17.70	6.87	17.35	8.7	Slightly Cloudy	N/A	N
MW19S2	5/22/2013 12:20		69.60	49.90		0.50	7.05	1.460	18.50	6.79	17.37	9.2	Slightly Cloudy	N/A	N
MW19S2	5/22/2013 12:25		Dry	Dry		0.50	7.04	1.460	18.63	6.37	17.67	9.2	Slightly Cloudy	N/A	N
MW20S1	5/10/2013 8:35	46.66	46.67	0.01		0.60	6.76	0.703	0.40	0.66	14.85	-91.8	Clear	N/A	N
MW20S1	5/10/2013 8:40		46.67	0.01		0.60	6.82	0.703	0.20	0.48	14.87	-107.0	Clear	N/A	N
MW20S1	5/10/2013 8:45		46.68	0.02		0.60	6.84	0.699	0.44	0.43	15.00	-102.7	Clear	N/A	N
MW21S1	5/10/2013 8:50		46.68	0.02		0.60	6.90	0.701	0.25	0.37	14.93	-98.3	Clear	N/A	N
MW21S1	5/10/2013 8:55		46.68	0.02		0.60	6.94	0.705	0.29	0.36	14.89	-93.0	Clear	N/A	N
MW21S1	5/10/2013 9:00		46.68	0.02		0.60	6.96	0.706	0.12	0.34	14.95	-90.4	Clear	N/A	N
MW20S3	5/10/2013 9:25	46.86	46.86	0.00		0.68	6.77	0.934	13.10	4.21	14.87	-5.6	Clear	N/A	N
MW20S3	5/10/2013 9:30		46.86	0.00		0.68	6.81	0.937	15.90	3.98	14.84	-10.3	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW20S3	5/10/2013 9:35		46.86	0.00		0.68	6.83	0.940	11.90	3.89	14.81	-7.6	Clear	N/A	N
MW20S3	5/10/2013 9:40		46.86	0.00		0.68	6.85	0.940	10.23	3.91	14.80	-4.6	Clear	N/A	N
MW20S3	5/10/2013 9:45		46.86	0.00		0.68	6.86	0.939	8.21	4.01	14.80	-2.9	Clear	N/A	N
MW21S1	5/8/2013 9:30	43.17	43.17	0.00		0.50	6.92	5.645	2.57	5.81	15.10	-61.9	Clear	N/A	N
MW21S1	5/8/2013 9:35		43.12	0.05		0.50	6.95	5.517	2.10	1.78	15.11	-82.9	Clear	N/A	N
MW21S1	5/8/2013 9:40		43.13	0.04		0.50	6.96	5.498	1.98	2.25	15.11	-89.9	Clear	N/A	N
MW21S1	5/8/2013 9:45		43.13	0.04		0.50	6.97	5.890	1.85	1.48	15.11	-90.2	Clear	N/A	N
MW21S1	5/8/2013 9:50		43.14	0.03		0.50	6.99	5.901	1.89	1.58	15.11	-89.9	Clear	N/A	N
MW21S3	5/8/2013 8:50	42.47	42.47	0.00		0.50	6.75	0.952	25.50	6.10	15.11	16.3	Clear	N/A	N
MW21S3	5/8/2013 8:55		42.45	0.02		0.50	6.82	0.938	9.97	5.95	15.10	17.1	Clear	N/A	N
MW21S3	5/8/2013 9:00		42.45	0.02		0.50	6.84	0.935	9.25	6.05	15.10	17.6	Clear	N/A	N
MW21S3	5/8/2013 9:05		42.45	0.02		0.50	6.84	0.932	9.35	6.04	15.10	17.8	Clear	N/A	N
MW21S3	5/8/2013 9:15		42.45	0.02		0.50	6.85	0.949	8.97	6.80	15.10	17.6	Clear	N/A	N
MW21S3	5/8/2013 9:10		42.47	0.00		0.50	6.85	0.948	8.99	6.06	15.10	17.9	Clear	N/A	N
MW22S1	5/21/2013 11:20	48.65	48.65	0.00		0.35	7.91	0.910	6.02	4.82	16.69	-22.4	Clear	N/A	N
MW22S1	5/21/2013 11:25		48.65	0.00		0.35	7.88	0.911	2.99	3.16	16.67	-27.4	Clear	N/A	N
MW22S1	5/21/2013 11:30		48.65	0.00		0.35	7.88	0.911	2.51	2.50	17.00	-33.5	Clear	N/A	N
MW22S1	5/21/2013 11:35		48.65	0.00		0.35	7.86	0.912	2.35	2.18	17.14	-35.4	Clear	N/A	N
MW22S1	5/21/2013 11:40		48.65	0.00		0.35	7.91	0.913	2.55	2.05	17.17	-35.6	Clear	N/A	N
MW22S2	5/21/2013 10:30	48.95	48.95	0.00		0.35	7.77	1.250	2.41	2.50	15.48	-24.7	Clear	N/A	N
MW22S2	5/21/2013 10:35		48.95	0.00		0.35	7.53	1.402	4.81	2.93	15.57	-23.5	Clear	N/A	N
MW22S2	5/21/2013 10:40		48.95	0.00		0.35	7.47	1.430	4.50	4.08	15.79	-21.7	Clear	N/A	N
MW22S2	5/21/2013 10:45		48.95	0.00		0.35	7.42	1.486	4.70	5.08	15.85	-15.9	Clear	N/A	N
MW22S2	5/21/2013 10:50		48.95	0.00		0.35	7.45	1.500	4.80	5.10	15.87	-14.5	Clear	N/A	N
MW23BR	5/23/2013 8:40	58.07	58.71	0.64		0.20	7.77	3.103	5.03	8.55	16.47	31.5	Clear	N/A	N
MW23BR	5/23/2013 8:45		59.74	1.67		0.38	8.97	3.456	7.57	3.72	15.37	-120.5	Clear	N/A	N
MW23BR	5/23/2013 8:50		60.05	1.98		0.38	8.99	3.521	4.05	1.50	15.44	-131.6	Clear	N/A	N
MW23BR	5/23/2013 8:55		59.75	1.68		0.15	8.71	3.588	3.15	0.62	16.03	-127.3	Clear	N/A	N
MW23BR	5/23/2013 9:00		59.39	1.30		0.15	8.46	3.596	2.97	0.57	15.96	-121.1	Clear	N/A	N
MW23BR	5/23/2013 9:05		59.32	1.25		0.15	8.10	3.660	3.92	0.54	15.83	-108.0	Clear	N/A	N
MW24S1	5/22/2013 14:30	60.77	60.80	0.03		0.20	7.06	0.821	0.52	1.56	17.17	12.4	Clear	N/A	N
MW24S1	5/22/2013 14:35		60.80	0.03		0.20	7.09	0.825	0.78	0.59	16.87	6.9	Clear	N/A	N
MW24S1	5/22/2013 14:40		60.80	0.03		0.20	7.10	0.827	0.83	0.56	16.83	6.6	Clear	N/A	N
MW24S1	5/22/2013 14:45		60.80	0.03		0.20	7.09	0.825	1.08	0.55	16.85	7.4	Clear	N/A	N
MW24S3	5/22/2013 15:20	51.00	51.40	0.04		0.60	7.20	1.004	1.34	6.53	16.40	19.1	Clear	N/A	N
MW24S3	5/22/2013 15:25		61.41	0.05		0.60	7.25	1.000	0.20	3.82	15.82	16.6	Clear	N/A	N
MW24S3	5/22/2013 15:30		61.41	0.05		0.60	7.34	0.995	0.32	4.62	15.75	15.4	Clear	N/A	N
MW24S3	5/22/2013 15:35		61.41	0.05		0.60	7.36	0.994	0.39	4.57	15.86	15.2	Clear	N/A	N
MW24S3	5/22/2013 15:40		61.41	0.05		0.60	7.35	0.995	0.34	4.54	15.79	15.6	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW25S1	5/9/2013 9:25	52.85	52.85	0.00		0.50	7.30	0.767	13.70	8.56	15.84	-12.0	Clear	N/A	N
MW25S1	5/9/2013 9:30		53.08	0.23		0.50	7.10	0.636	8.23	6.10	15.85	-2.2	Clear	N/A	N
MW25S1	5/9/2013 9:35		53.06	0.21		0.50	7.04	0.649	3.12	5.72	15.82	-1.1	Clear	N/A	N
MW25S1	5/9/2013 9:40		43.09	0.24		0.50	7.05	0.731	3.25	5.28	15.74	1.9	Clear	N/A	N
MW25S1	5/9/2013 9:45		53.10	0.25		0.50	6.97	0.759	3.00	5.29	15.71	2.1	Clear	N/A	N
MW26S1	5/15/2013 13:47	50.33	50.36	0.03		0.70	7.95	0.646	0.64	14.10	16.76	18.1	Clear	N/A	N
MW26S1	5/15/2013 13:52		50.37	0.04		0.70	7.09	0.793	15.70	2.25	16.21	-38.1	Clear	N/A	N
MW26S1	5/15/2013 13:57		50.36	0.03		0.75	6.91	0.840	14.30	0.79	15.98	-9.8	Clear	N/A	N
MW26S1	5/15/2013 14:02		50.37	0.04		NM	6.84	0.852	12.70	0.42	15.92	-5.6	Clear	N/A	N
MW26S1	5/15/2013 14:07		50.37	0.04		0.70	6.79	0.864	13.00	0.40	15.88	-5.6	Clear	N/A	N
MW26S1	5/15/2013 14:12		50.37	0.04		0.70	6.78	0.868	10.37	0.42	15.87	-7.0	Clear	N/A	N
MW26S1	5/15/2013 14:17		50.36	0.03		0.70	6.77	0.872	9.30	0.48	15.88	6.8	Clear	N/A	N
MW26S3	5/15/2013 14:28	50.60[11]	50.47	0.13		0.65	7.47	1.413	87.00	13.72	15.44	10.0	Turbid	Yellow	N
MW26S3	5/15/2013 14:34		50.44	0.16		0.65	6.80	1.727	131.00	6.66	16.00	0.2	Turbid	Yellow	N
MW26S3	5/15/2013 14:39		50.43	0.17		0.65	6.76	1.704	109.80	6.12	15.57	-5.7	Turbid	Yellow	N
MW26S3	5/15/2013 14:43		50.43	0.17		0.65	6.77	1.675	57.60	6.19	15.63	-0.1	Slightly Cloudy	N/A	N
MW26S3	5/15/2013 14:48		50.43	0.17		0.65	6.78	1.653	29.30	6.39	15.65	5.9	Slightly Cloudy	N/A	N
MW26S3	5/15/2013 14:53		50.44	0.16		0.65	6.79	1.637	18.30	6.45	15.63	8.2	Clear	N/A	N
MW26S3	5/15/2013 14:58		50.44	0.16		0.65	6.79	1.629	12.50	6.49	15.61	10.3	Clear	N/A	N
MW26S3	5/15/2013 15:03					0.65	6.78	1.615	9.85	6.47	15.60	11.1	Clear	N/A	N
MW28S1	5/15/2013 13:00	57.34	57.61	0.27		0.52	7.22	0.861	0.02	0.07	15.85	-25.3	Clear	N/A	N
MW28S1	5/15/2013 13:40		57.61	0.27		0.52	7.14	0.852	2.37	0.87	17.12	0.8	Clear	N/A	Y
MW28S1	5/15/2013 13:45		57.61	0.27		0.52	7.24	0.861	0.63	0.09	16.01	-15.3	Clear	N/A	N
MW28S1	5/15/2013 13:50		57.61	0.27		0.52	7.29	0.861	0.24	0.07	15.89	-21.3	Clear	N/A	N
MW28S1	5/15/2013 13:55		57.61	0.27		0.52	7.23	0.861	0.08	0.06	15.94	-23.9	Clear	N/A	N
MW28S2	5/15/2013 15:25	52.83	52.91	0.08		0.60	6.92	4.381	11.10	0.64	16.68	-12.1	Clear	N/A	Y
MW28S2	5/15/2013 15:30		52.91	0.08		0.60	6.99	4.147	9.96	0.34	15.64	-26.1	Clear	N/A	Y
MW28S2	5/15/2013 15:35		52.91	0.08		0.60	7.10	2.778	5.00	0.31	15.56	-28.4	Clear	N/A	Y
MW28S2	5/15/2013 15:40		52.91	0.08		0.60	7.10	2.682	2.62	0.31	15.55	-27.7	Clear	N/A	Y
MW28S2	5/15/2013 15:45		52.91	0.08		0.60	7.11	2.612	1.89	0.31	15.55	-26.9	Clear	N/A	Y
MW28S2	5/15/2013 15:50		52.91	0.08		0.60	7.11	2.608	1.59	0.30	15.55	-26.2	Clear	N/A	Y
MW28S3	5/15/2013 14:20	52.78	52.78	0.00		0.80	6.46	0.886	22.60	0.98	15.67	-13.0	Clear	N/A	Y
MW28S3	5/15/2013 14:25		52.78	0.00		0.80	6.55	0.740	3.14	1.05	15.62	-1.1	Clear	N/A	Y
MW28S3	5/15/2013 14:30		52.78	0.00		0.80	6.58	0.702	0.37	1.07	15.59	3.7	Clear	N/A	Y
MW28S3	5/15/2013 14:35		52.78	0.00		0.80	6.59	0.698	0.06	1.05	15.57	6.2	Clear	N/A	Y
MW28S3	5/15/2013 14:40		52.78	0.00		0.80	6.61	0.695	0.19	1.05	15.52	7.2	Clear	N/A	Y
MW29S1	5/20/2013 15:10	56.41	56.41	0.00		0.48	7.12	4.005	28.20	2.52	21.75	6.3	Slightly Cloudy	Grey	N
MW29S1	5/20/2013 15:15		56.41	0.00		0.48	7.05	3.827	27.20	1.93	21.36	16.3	Clear	N/A	N
MW29S1	5/20/2013 15:20		56.41	0.00		0.48	6.99	3.549	12.70	1.59	21.44	20.6	Clear	N/A	N

TABLE 4

SUMMARY OF MONITORING WELL PURGING PARAMETERS
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location	*Date and Time*	*Initial Depth to Water Feet*	*Depth to Water Feet*	*Drawdown Feet*	*Bailed Wells Volume Purged Gallons*	*PumpingRate (L/min)* [2]	*pH (Std. Units)* [3]	*Conductivity (mS/cm)* [4]	*Turbidity (NTU)* [5]	*DO (mg/L)* [6]	*Temp (°C)* [7]	*ORP* [1] *(mV)* [8]	*Clarity*	*Color*	Odor
MW29S1	5/20/2013 15:25		56.41	0.00		0.48	6.99	3.544	8.85	1.63	21.65	22.6	Clear	N/A	N
MW29S1	5/20/2013 15:30		56.41	0.00		0.48	6.99	3.539	7.01	1.66	21.65	23.2	Clear	N/A	N
MW29S2	5/20/2013 15:55	48.89	48.89	0.00		0.66	6.46	19.480	5.86	1.54	16.84	-37.8	Clear	N/A	Y
MW29S2	5/20/2013 16:00		48.89	0.00		0.66	6.44	18.820	1.67	0.49	16.77	-40.8	Clear	N/A	Y
MW29S2	5/20/2013 16:05		48.89	0.00		0.66	6.45	18.490	1.53	0.41	16.69	-36.9	Clear	N/A	Y
MW29S2	5/20/2013 16:10		48.89	0.00		0.66	6.46	18.380	1.15	0.39	16.68	-34.7	Clear	N/A	Y
MW29S2	5/20/2013 16:15		48.89	0.00		0.66	6.46	18.360	1.05	0.38	16.62	-32.2	Clear	N/A	Y
MW29S3	5/20/2013 14:25	49.18	49.25	0.07		0.80	6.72	6.155	25.80	5.63	16.78	-17.8	Slightly Cloudy	N/A	Y
MW29S3	5/20/2013 14:30		49.25	0.07		0.80	6.98	5.952	18.90	0.74	16.23	-44.8	Clear	N/A	Y
MW29S3	5/20/2013 14:35		49.25	0.07		0.80	7.05	5.963	11.80	0.40	16.32	-62.8	Clear	N/A	Y
MW29S3	5/20/2013 14:40		49.25	0.07		0.80	7.08	5.959	9.07	0.38	16.30	-71.9	Clear	N/A	Y
MW29S3	5/20/2013 14:45		49.25	0.07		0.80	7.08	5.965	8.38	0.36	16.22	-75.3	Clear	N/A	Y
MW30S1	5/16/2013 12:40	55.05	55.05	0.00		0.64	7.04	2.716	12.09	2.85	17.77	-3.4	Clear	N/A	N
MW30S1	5/16/2013 12:50		55.05	0.00		0.64	6.94	2.571	103.00	0.60	17.10	-18.3	Turbid	Orange	N
MW30S1	5/16/2013 13:00		55.05	0.00		0.64	6.94	2.578	32.60	0.62	17.16	-17.2	Slightly Cloudy	Orange	N
MW30S1	5/16/2013 13:05		55.05	0.00		0.64	6.94	2.584	33.00	0.67	17.23	-16.6	Slightly Cloudy	Orange	N
MW30S1	5/16/2013 13:10		55.05	0.00		0.64	6.94	2.591	30.20	0.67	17.18	-15.9	Slightly Cloudy	Orange	N
MW30S3	5/16/2013 13:30	50.97	50.97	0.00		0.54	6.95	3.169	100.30	2.34	18.12	-9.7	Turbid	Orange	Y
MW30S3	5/16/2013 13:40		50.97	0.00		0.66	6.96	3.141	19.40	2.08	17.63	-9.9	Clear	N/A	Y
MW30S3	5/16/2013 13:45		50.97	0.00		0.64	6.96	3.160	11.90	1.95	17.52	-10.8	Clear	N/A	Y
MW30S3	5/16/2013 13:50		50.97	0.00		0.64	6.96	3.168	9.32	1.99	17.51	-10.9	Clear	N/A	Y
MW30S3	5/16/2013 13:55		50.97	0.00		0.64	6.96	3.166	8.76	2.00	17.49	-10.7	Clear	N/A	Y
MW31S1	5/10/2013 10:50	37.48	37.48	0.00		0.28	6.98	1.581	1.06	0.78	15.79	-17.7	Clear	N/A	N
MW31S1	5/10/2013 10:55		37.48	0.00		0.28	6.99	1.569	0.20	0.57	15.90	-17.0	Clear	N/A	N
MW31S1	5/10/2013 11:00		37.48	0.00		0.28	7.00	1.565	0.11	0.49	15.96	-17.0	Clear	N/A	N
MW31S1	5/10/2013 11:05		37.48	0.00		0.28	7.00	1.559	0.08	0.46	15.98	-17.3	Clear	N/A	N
MW31S1	5/10/2013 11:06		37.48	0.00		0.28	6.99	1.557	0.22	0.44	16.05	-16.3	Clear	N/A	N
MW32S1	5/14/2013 10:10	47.26	47.26	0.00		0.58	7.03	2.441	70.00	1.27	16.45	16.2	Slightly Cloudy	Orange	N
MW32S1	5/14/2013 10:30		47.26	0.00		0.58	6.72	4.310	70.60	0.40	16.07	8.5	Turbid	Orange	N
MW32S1	5/14/2013 10:40		47.26	0.00		0.58	6.72	4.253	48.10	0.35	16.16	5.9	Slightly Cloudy	Orange	N
MW32S1	5/14/2013 10:50		47.26	0.00		0.58	6.71	4.192	37.00	0.35	16.24	6.0	Slightly Cloudy	Orange	N
MW32S1	5/14/2013 10:55		47.26	0.00		0.58	6.74	4.078	35.80	0.34	16.35	6.2	Slightly Cloudy	Orange	N
MW32S1	5/14/2013 11:00		47.26	0.00		0.58	6.75	4.059	36.10	0.34	16.32	6.2	Slightly Cloudy	Orange	N

[1] ORP - oxidation-reduction potential
[2] L/min - liters per minute
[3] Std Units - standard units
[4] mS/cm - microsiemens per centimeter
[5] NTU - nephelometric turbidity units
[6] mg/L - milligrams per liter
[7] °C - degrees Celsius
[8] mV - millivolts
[9] N/A - not applicable
[10] - Y = Yes, N = No
[11] - - Not Available
[12] NM - not measured
[13] Water level taken from May 6, 2013 measurment

TABLE 5

GROUNDWATER SAMPLE KEY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Location	*Sample ID*	*Date Collected*	*Time Collected*	*QA/QC*	*Analysis*
AMW1	WG-05092013-MC-AMW1	5/9/2013	10:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW101D	WG-05162013-MC-AMW101D	5/16/2013	8:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW101I	WG-05162013-MC-AMW101I	5/16/2013	9:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW101S	WG-05162013-MC-AMW101S	5/16/2013	9:52	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW102D	WG-05092013-MC-AMW102D	5/9/2013	12:40	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW102S	WG-05092013-MC-AMW102S	5/9/2013	13:00	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW104	WG-05142013-MDC-AMW104	5/14/2013	16:00	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW105D	WG-05132013-MDC-AMW105D	5/13/2013	13:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW105S	WG-05132013-MDC-AMW105S	5/13/2013	14:25	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW107D	WG-05162013-MC-AMW107D	5/16/2013	13:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW107S	WG-05162013-MC-AMW107S	5/16/2013	13:55	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW108D	WG-05152013-MDC-AMW108D	5/15/2013	8:55	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW108S	WG-05152013-MDC-AMW108S	5/15/2013	9:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW16D	WG-05142013-MDC-AMW16D	5/14/2013	10:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW16S	WG-05142013-MDC-AMW16S	5/14/2013	9:35	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW3	WG-05132013-MDC-AMW3	5/13/2013	16:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW4D	WG-05142013-MDC-AMW4D	5/14/2013	10:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW4S	WG-05142013-MDC-AMW4S	5/14/2013	11:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW5D	WG-05162013-MC-AMW5D	5/16/2013	11:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW5S	WG-05162013-MC-AMW5S	5/16/2013	10:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW8D	WG-05142013-MDC-AMW8D	5/14/2013	14:40	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AMW8S	WG-05142013-MDC-AMW8S	5/14/2013	15:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
APMW302S1	WG-07022013-JR-APMW302S1	7/2/2013	11:25	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
APMW302S2	WG-07022013-JR-APMW302S2	7/2/2013	12:05	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
APMW302S3	WG-07022013-JR-APMW302S3	7/2/2013	12:40	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW29	WG-05162013-MC-IW29	5/16/2013	16:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW30	WG-05172013-MC-IW30	5/17/2013	10:10	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW31	WG-05172013-MC-IW31	5/17/2013	9:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW32	WG-05172013-MC-IW32	5/17/2013	9:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW35A	WG-05172013-MC-IW35A	5/17/2013	7:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW35B	WG-05172013-MC-IW35B	5/17/2013	7:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW36	WG-05172013-MC-IW36	5/17/2013	21:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW40	WG-05152013-MDC-IW40	5/15/2013	15:50	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW41	WG-05092013-MC-IW41	5/9/2013	13:45	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW42	WG-05162013-MC-IW42	5/16/2013	16:00	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW43	WG-05172013-MC-IW43	5/17/2013	8:45	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
IW44	WG-05172013-MC-IW44	5/17/2013	8:20	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW02S1	WG-05232013-JR-MW02S1	5/23/2013	11:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW02S2	WG-05232013-JR-MW02S2	5/23/2013	10:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness

TABLE 5

GROUNDWATER SAMPLE KEY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Location	*Sample ID*	*Date Collected*	*Time Collected*	*QA/QC*	*Analysis*
MW03S1	WG-05212013-JR-MW03S1	5/21/2013	9:10	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW04S1	WG-05092013-JR-MW04S1	5/9/2013	11:05	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW04S3	WG-05092013-JR-MW04S3	5/9/2013	9:40	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW05S3	WG-05142013-JR-MW05S3	5/14/2013	16:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW05S4	Well dry, no sample collected	- -	- -	- -	- -
MW06BR	WG-05172013-JR-MW06BR	5/17/2013	8:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW06S1	WG-05162013-JR-MW06S1	5/16/2013	16:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW06S3	WG-05162013-JR-MW06S3	5/16/2013	15:15	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW07S1	WG-05152013-MDC-MW07S1	5/15/2013	10:35	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW07S2	WG-05152013-MDC-MW07S2	5/15/2013	11:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW07S3	WG-05152013-MDC-MW07S3	5/15/2013	12:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW08S1	WG-05142013-JR-MW08S1	5/14/2013	14:20	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW08S2	WG-05142013-JR-MW08S2	5/14/2013	13:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW08S3	WG-05142013-JR-MW08S3	5/14/2013	14:55	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW08S4	Well dry, no sample collected	- -	- -	- -	- -
MW09S1	WG-05142013-MDC-MW09S1	5/14/2013	13:45	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW09S3	WG-05142013-MDC-MW09S3	5/14/2013	8:45	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW09S4	Well dry, no sample collected	- -	- -	- -	- -
MW10S1	WG-05162013-JR-MW10S1	5/16/2013	10:15	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW10S2	WG-05162013-JR-MW10S2	5/16/2013	9:10	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW10S3	WG-05162013-JR-MW10S3	5/16/2013	11:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW113S3	WG-05222013-DH-MW113S3	5/22/2013	10:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW114S1	WG-05222013-DH-MW114S1	5/22/2013	9:20	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW11S1	WG-05142013-JR-MW11S1	5/14/2013	9:45	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW11S3A	WG-05142013-JR-MW11S3A	5/14/2013	9:05	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW12S1A	WG-05202013-DH-MW12S1A	5/20/2013	14:16	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW12S3	WG-05282013-JR-MW12S3	5/28/2013	16:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW13S1	WG-05212013-JR-MW13S1	5/21/2013	11:45	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW13S3	WG-05212013-JR-MW13S3	5/21/2013	11:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW14S1	WG-052113-JR-MW14S1	5/21/2013	16:55	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW14S3	WG-05212013-JR-MW14S3	5/21/2013	16:20	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW15S1	WG-05212013-JR-MW15S1	5/21/2013	14:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW15S2	WG-05212013-JR-MW15S2	5/21/2013	15:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW15S4	Well dry, no sample collected	- -	- -	- -	- -
MW16BR	WG-05202013-DH-MW16BR	5/20/2013	16:23	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW16S1A	WG-05212013-DH-MW16S1A	5/21/2013	9:40	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW16S2SS	WG-05202013-DH-MW16S2SS	5/20/2013	15:15	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW16S4R	WG-05232013-DH-MW16S4	5/23/2013	11:20	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW17S1	WG-05152013-JR-MW17S1	5/15/2013	9:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness

TABLE 5

GROUNDWATER SAMPLE KEY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Location	*Sample ID*	*Date Collected*	*Time Collected*	*QA/QC*	*Analysis*
MW17S3A	WG-05152013-JR-MW17S3A	5/15/2013	11:00	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW17S3B	WG-05152013-JR-MW17S3B	5/15/2013	9:40	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW18S1	WG-05292013-JR-MW18S1	5/29/2013	8:30	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW18S3	WG-05222013-DH-MW18S3	5/22/2013	16:20	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW18S4	Well dry, no sample collected	--	--	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW19S1	WG-05222013-DH-MW19S1	5/22/2013	15:05	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW19S2	WG-05232013-DH-MW19S2	5/23/2013	8:45	--	--
MW19S3	Obstruction in well, no sample collected	--	--	--	--
MW19S4	Obstruction in well, no sample collected	--	--	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW20S1	WG-05102013-JR-MW20S1	5/10/2013	9:00	WG-05102013-JR-FD3	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW20S3	WG-05102013-JR-MW20S3	5/10/2013	9:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW21S1	WG-05082013-MC-MW21S1	5/8/2013	9:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW21S3	WG-05082013-MC-MW21S3	5/8/2013	9:20	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW21S4R	Well dry, no sample collected	--	--	--	--
MW22S1	WG-05212013-DH-MW22S1	5/21/2013	11:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW22S2	WG-05212013-DH-MW22S2	5/21/2013	10:55	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW22S4	Well dry, no sample collected	--	--	--	--
MW23BR	WG-05232013-JR-MW23BR	5/23/2013	9:10	WG-05232013-JR-FD6	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW24S1	WG-05222013-JR-MW24S1	5/22/2013	14:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW24S3	WG-05222013-JR-MW24S3	5/22/2013	15:45	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW24S4	Well dry, no sample collected	--	--	--	--
MW25S1	WG-05092013-MC-MW25S1	5/9/2013	9:50	WG-05092013-MC-FD2	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW26S1	WG-05152013-MDC-MW26S1	5/15/2013	14:20	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW26S3	WG-05152013-MDC-MW26S3	5/15/2013	15:05	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW27S1	WG-05232013-DH-MW27S1	5/23/2013	9:40	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW27S2	WG-05232013-DH-MW27S2	5/23/2013	9:55	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW28S1	WG-05152013-JR-MW28S1	5/15/2013	14:05	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW28S2	WG-05152013-JR-MW28S2	5/15/2013	15:55	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW28S3	WG-05152013-JR-MW28S3	5/15/2013	14:45	WG-05152013-JR-FD4	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW29S1	WG-05202013-JR-MW29S1	5/20/2013	15:35	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW29S2	WG-05202013-JR-MW29S2	5/20/2013	16:20	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW29S3	WG-05202013-JR-MW29S3	5/20/2013	14:50	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW30S1	WG-05162013-JR-MW30S1	5/16/2013	13:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW30S3	WG-05162013-JR-MW30S3	5/16/2013	14:00	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW31S1	WG-05102013-JR-MW31S1	5/10/2013	11:10	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW130S1	WG-05132013-JR-MW130S1	5/13/2013	15:25	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW130S2	WG-05132013-JRMW130S2	5/13/2013	14:45	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW130S3	WG-05132013-JR-MW130S3	5/13/2013	14:05	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW131S2	WG-05092013-JR-MW131S2	5/9/2013	13:15	--	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness

TABLE 5

GROUNDWATER SAMPLE KEY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Location	*Sample ID*	*Date Collected*	*Time Collected*	*QA/QC*	*Analysis*
MW131S3	WG-05092013-JR-MW131S3	5/9/2013	12:15	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW132S1	WG-05092013-JR-MW132S1	5/9/2013	15:35	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW132S2/S3	WG-05092013-JR-MW132S2/S3	5/9/2013	16:15	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW133S2/S3	WG-05132013-JR-MW133S2/S3	5/13/2013	16:20	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW134S2	WG-05082013-JR-MW134S2	5/8/2013	14:10	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW134S3	WG-05082013-JR-MW134S3	5/8/2013	15:55	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW135S1	WG-05072013-MC-MW135S1	5/7/2013	13:55	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW135S2/S3	WG-05072013-JR-MW135S2/S3	5/7/2013	14:25	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW136S2/S3	WG-05072013-MC-MW136S2/S3	5/7/2013	15:40	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW137S1	WG-05092013-MC-MW137S1	5/9/2013	8:45	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW137S2	WG-05082013-MC-MW137S2	5/8/2013	15:30	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW137S3	WG-05082013-MC-MW137S3	5/8/2013	14:40	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW138S1	WG-05082013-MC-MW138S1	5/8/2013	11:45	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW138S2/S3	WG-05082013-MC-MW138S2/S3	5/8/2013	11:10	WG-05082013-MC-FD1	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW139S2/S3	WG-05072013-MC-MW139S2/S3	5/7/2013	16:25	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW140S1	WG-05212013-DH-MW140S1	5/21/2013	14:28	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW140S2/S3	WG-05212013-DH-MW140S2/S3	5/21/2013	15:23	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW141S2/S3	WG-05162013-MC-MW141S2/S3	5/16/2013	15:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW142S2/S3	WG-05132013-MDC-MW142S2/S3	5/13/2013	15:35	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW143S2/S3	WG-05172013-JR-MW143S2/S3	5/17/2013	9:50	WG-05172013-JR-FD5	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW144S2/S3	WG-05072013-JR-MW144S2/S3	5/7/2013	15:25	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW145S2/S3	WG-05072013-JR-MW145S2/S3	5/7/2013	16:25	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
MW32S1	WG-05142013-JR-MW32S1	5/14/2013	11:05	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
Builders	WG-05242013-JR-Builders	5/24/2013	9:15	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
Westar 5	WG-05292013-JR-Westar 5	5/29/2013	9:25	MS/MSD	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
Westar 8	WG-05292013-JR-Westar 8	5/29/2013	9:40	WG-05292013-JR-FD8	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
Westar 21	WG-05292013-JR-Westar 21	5/29/2013	10:00	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AP2804	WG-05312013-JR-AP2804	5/31/2013	9:20	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness
AP2800	WG-05312013-JR-AP2800	5/31/2013	9:40	- -	VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness

Notes:
QA/QC - Quality Assurance/Quality Control
VOCs - Volatile Organic Compounds
SVOCs - Semi - Volatile Organic Compounds
MS/MSD - Matrix Spike/Matrix Spike Duplicate
FD - Field Duplicate

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:					*AMW1*	*AMW3*	*AMW4D*	*AMW4S*	*AMW5D*	*AMW5S*	*AMW8D*	*AMW8S*	*AMW16D*	*AMW16S*
Sample ID:					*WG-05092013-MC-AMW-01*	*WG-05132013-MDC-AMW3*	*WG-05142013-MDC-AMW4D*	*WG-05142013-MDC-AMW4S*	*WG-05162013-MC-AMW5D*	*WG-05162013-MC-AMW5S*	*WG-05142013-MDC-AMW8D*	*WG-05142013-MDC-AMW8S*	*WG-05142013-MDC-AMW16D*	*WG-05142013-MDC-AMW16S*
Sample Date:					*5/9/2013*	*5/13/2013*	*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*
Parameters	*Units*	*Criteria*	*Type*	*Number of Detects*										
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	14	0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	6.4	0.5 U	0.8
Carbon tetrachloride	ug/L	5	MCL	59	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	57	0.5 U	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	38	0.5 U	0.5 U	7.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	26	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	3	0.5 U	0.5 U	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	ug/L			9	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	9	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
2,4,5-Trichlorophenol	ug/L	890	RSL	0	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	17	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
2,4-Dichlorophenol	ug/L	35	RSL	17	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
2,5-Dichlorophenol	ug/L			0	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
2,6-Dichlorophenol	ug/L			14	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-Chlorophenol	ug/L	71	RSL	10	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
3/4-Chlorophenol	ug/L			8	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
alpha-BHC	ug/L	0.0062	RSL	36	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	41	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			9	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	7	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	2	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	19	0.02 U	0.02 U	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	22	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	143	71000	123000	74000	148000	100000 J	108000 J	121000	129000	136000	81000
Hardness, calculation	mgCaCO3/L			143	289	366	370	463	439	406	426	300	460	323

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*AMW101D*	*AMW101I*	*AMW101S*	*AMW102D*	*AMW102S*	*AMW104*	*AMW105D*	*AMW105S*	*AMW107D*	*AMW107S*
Sample ID:				*WG-05162013-MC-AMW101D*	*WG-05162013-MC-AMW101I*	*WG-05162013-MC-AMW101S*	*WG-05092013-MC-AMW-102D*	*WG-05092013-MC-AMW-102S*	*WG-05142013-MDC-AMW104*	*WG-05132013-MDC-AMW105D*	*WG-05132013-MDC-AMW105S*	*WG-05162013-MC-AMW107D*	*WG-05162013-MC-AMW107S*
Sample Date:				*5/16/2013*	*5/16/2013*	*5/16/2013*	*5/9/2013*	*5/9/2013*	*5/14/2013*	*5/13/2013*	*5/13/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*	*Criteria*	*Type*										
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds													
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	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
2,4-Dichlorophenol	ug/L	35	RSL	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
2,5-Dichlorophenol	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
2,6-Dichlorophenol	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
2-Chlorophenol	ug/L	71	RSL	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
3/4-Chlorophenol	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
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides													
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry													
Chloride	ug/L	250000	MCL	60000 J	55000 J	56000 J	84000	42000	62000	23100	11600	114000 J	88000 J
Hardness, calculation	mgCaCO3/L			361	334	165	328	258	275	265	190	375	429

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*AMW108D*	*AMW108S*	*AP2800*	*AP2804*	*APMW302S1*	*APMW302S2*	*APMW302S3*	*BUILDERS WELL*	*DW-5*	*DW-8*
Sample ID:				*WG-05152013-MDC-AMW108D*	*WG-05152013-MDC-AMW108S*	*WG-05312013-JR-AP2800*	*WG-05312013-JR-AP2804*	*WG-07022013-JR-APMW302S1*	*WG-07022013-JR-APMW302S2*	*WG-07022013-JR-APMW302S3*	*WG-05242013-JR-Builders*	*WG-05292013-JR-Westar 5*	*WG-05292013-JR-Westar 8*
Sample Date:				*5/15/2013*	*5/15/2013*	*5/31/2013*	*5/31/2013*	*7/2/2013*	*7/2/2013*	*7/2/2013*	*5/24/2013*	*5/29/2013*	*5/29/2013*
Parameters	*Units*	*Criteria*	*Type*										
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	12.1	0.5 U	0.6	131	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	0.5 U	0.5 U	0.5 U	18.1	0.5 U	3.0	7.7	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	5.6	0.5 U	1.6	1.8	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds													
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	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
2,4-Dichlorophenol	ug/L	35	RSL	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
2,5-Dichlorophenol	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
2,6-Dichlorophenol	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
2-Chlorophenol	ug/L	71	RSL	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
3/4-Chlorophenol	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
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.306	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.10	0.02 U	0.02 U	0.02 U	0.06 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.03
Herbicides													
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry													
Chloride	ug/L	250000	MCL	93000	88000	73000	48000	65000	40000	40000	222000	80000	37000
Hardness, calculation	mgCaCO3/L			415	372	329	309	313	326	300	484	189	181

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*DW-8*	*DW-21*	*IW29*	*IW30*	*IW31*	*IW32*	*IW35A*	*IW35B*	*IW36*	*IW40*	*IW41*	*IW42*
Sample ID:				*WG-05292013-JR-FD8*	*WG-05292013-JR-Westar 21*	*WG-05162013-MC-IW29*	*WG-05172013-MC-IW30*	*WG-05172013-MC-IW31*	*WG-05172013-MC-IW32*	*WG-05172013-MC-IW35A*	*WG-05172013-MC-IW35B*	*WG-05172013-MC-IW36*	*WG-05152013-MDC-IW40*	*WG-05092013-MC-IW41*	*WG-05162013-MC-IW42*
Sample Date:				*5/29/2013*	*5/29/2013*	*5/16/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*	*5/15/2013*	*5/9/2013*	*5/16/2013*
				(Duplicate)											
Parameters	*Units*	*Criteria*	*Type*												
Volatile Organic Compounds															
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	22.2	500 U	50 U	5 U	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	60 J	2200	490	82	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	51.9	2800	230	5 U	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	10.7	500 U	1260	249	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	0.5 U	610	22000	2270	234	119	1960	19.5	14.4	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	0.5 U	2650	28000	4410	504	106	2860	5.8	3.1	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.6	500 U	50 U	5 U	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	390	3200	2410	63	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	0.5 U	1200	9900	8800	157	29	640	0.8	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	0.5 U	86.3	1100	460	51	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	2.5	500 U	50 U	5 U	2 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds															
2,3,4,5-Tetrachlorophenol	ug/L			5.0 U	5.0 U	5.2	149	34.7	26.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	5.0 U	5.0 U	5.2	149	34.7	26.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	5.0 U	5.0 U	43.6	207	115	70.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	5.0 U	5.0 U	54.5	134	189	161	5.0 U	12.0	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	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
2,6-Dichlorophenol	ug/L			5.0 U	5.0 U	12.5	23.1	75.7	50.2	5.0 U	5.2	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	71	RSL	5.0 U	5.0 U	6.3	14.5 J	24.5 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	ug/L			5.0 U	5.0 U	5.0 U	6.5	29.4	8.3	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.35	3.0	26	0.768	0.016	0.086	0.022	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.037 U	0.037 U	0.74 U	9.3 U	15 U	1.49 J	0.861	1.68	0.298	0.037 U	0.462	0.148
delta-BHC	ug/L			0.05 U	0.05 U	1 U	10 U	45	0.42	0.05 U	0.1	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	1.0 U	13 U	48.4	0.524 J	0.052 U	0.10 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	2.0 U	25 U	40 U	0.40 U	0.10 U	0.20 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.03 U	0.02 U	52.9	617 U	708 U	1.9 U	0.29	1.4	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	7.3	1070 U	827 U	11.2 U	0.17	5.61	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides															
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	81	240	490	32	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	13	210	110	140	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry															
Chloride	ug/L	250000	MCL	37000	92000	1150000 J	5500000 J	3450000 J	2290000 J	170000 J	592000 J	910000 J	254000 J	114000	84000 J
Hardness, calculation	mgCaCO3/L			187	190.	601	655	1010	701	324	405	762	463	305	198

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*IW43*	*IW44*	*MW02S1*	*MW02S2*	*MW03S1*	*MW04S1*	*MW04S3*	*MW05S3*	*MW06BR*	*MW06S1*	*MW06S3*
Sample ID:				*WG-05172013-MC-IW43*	*WG-05172013-MC-IW44*	*WG-052313-JR-MW02S1*	*WG-052313-JR-MW02S2*	*WG-05212013-JR-MW03S1*	*WG-05092013-JR-MW04S1*	*WG-05092013-JR-MW04S3*	*WG-05142013-JR-MW05S3*	*WG-05172013-JR-MW06BR*	*WG-05162013-JR-MW06S1*	*WG-05162013-JR-MW06S3*
Sample Date:				*5/17/2013*	*5/17/2013*	*5/23/2013*	*5/23/2013*	*5/21/2013*	*5/9/2013*	*5/9/2013*	*5/14/2013*	*5/17/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	1.2	5 U	0.5 U	8.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	1800	386	0.5 U	118	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	56.2	11	1.0	41.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	1.0	5 U	0.5 U	7.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	5 U	0.5 U	2 U	4.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	5.2	5.0 U	5.0 U	12.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	5.0 U	5.0 U	5.0 U	280	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	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
2,6-Dichlorophenol	ug/L			5.0 U	5.0 U	5.0 U	43.3	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	71	RSL	6.5	5.0 U	5.0 U	11.1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	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
alpha-BHC	ug/L	0.0062	RSL	0.069	0.011 U	0.011 U	0.111	2.28	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.230	0.037 U	0.037 U	1.48	0.40	0.037 U	0.226	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	2.85	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.59	0.03 U	0.02 U	0.29	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.4	8.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	523000 J	136000 J	127000	1390000	39200	34000	38300	64000	67000 J	31300 J	180000 J
Hardness, calculation	mgCaCO3/L			530	297	350	490	236	168	133	173	1940	239	295

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW07S1*	*MW07S2*	*MW07S3*	*MW08S1*	*MW08S2*	*MW08S3*	*MW09S1*	*MW09S3*	*MW10S1*	*MW10S2*	*MW10S3*
Sample ID:				*WG-05152013-MDC-MW07S1*	*WG-05152013-MDC-MW07S2*	*WG-05152013-MDC-MW07S3*	*WG-05142013-JR-MW08S1*	*WG-05142013-JR-MW08S2*	*WG-05142013-JR-MW08S3*	*WG-05142013-MC-MW09S1*	*WG-05142013-MDC-MW09S3*	*WG-05162013-JR-MW10S1*	*WG-05162013-JR-MW10S2*	*WG-05162013-JR-MW10S3*
Sample Date:				*5/15/2013*	*5/15/2013*	*5/15/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	170	0.5 U	0.5 U	0.5 U	0.5 U	1 U	107	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	90	0.5 U	0.5 U	0.5 U	0.5 U	1 U	20.	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	1340	0.6	0.5 U	3.2	13.9	192	2 U	22.2	1.8	26.7	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	1630	0.9	0.5 U	21.9	18.1	33.1	2 U	18.0	2.9	2.2	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	770	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	290	0.5 U	0.5 U	0.5 U	4.1	7.3	101	4.9	0.8	1.7	0.5 U
Trichloroethene	ug/L	5	MCL	50 U	0.5 U	0.5 U	0.5 U	5.2	6.6	165	0.5 U	0.5	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	19.4	5.0 U	5.0 U	33.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	162	5.0 U	5.0 U	242	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	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
2,6-Dichlorophenol	ug/L			17.0	5.0 U	5.0 U	133	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	71	RSL	17.8	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
3/4-Chlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	ug/L	0.0062	RSL	0.520	0.011 U	0.011 U	0.033	0.045	0.042	0.284	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.099	0.037 U	0.037 U	0.739	0.469	0.615	0.040	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.35	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.24	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.456	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.074	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.20 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.19	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	1.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.80	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	6.34	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	320	1.0 U	1.0 U	43	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	1000000	179000	163000	1620000	769000	706000	430000	47000	205000 J	134000 J	5100 J
Hardness, calculation	mgCaCO3/L			1310	493	467	1070	859	763	832	200	432	345	76.3

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW07S1*	*MW07S2*	*MW07S3*	*MW08S1*	*MW08S2*	*MW08S3*	*MW09S1*	*MW09S3*	*MW10S1*	*MW10S2*	*MW10S3*
Sample ID:				*WG-05152013-MDC-MW07S1*	*WG-05152013-MDC-MW07S2*	*WG-05152013-MDC-MW07S3*	*WG-05142013-JR-MW08S1*	*WG-05142013-JR-MW08S2*	*WG-05142013-JR-MW08S3*	*WG-05142013-MC-MW09S1*	*WG-05142013-MDC-MW09S3*	*WG-05162013-JR-MW10S1*	*WG-05162013-JR-MW10S2*	*WG-05162013-JR-MW10S3*
Sample Date:				*5/15/2013*	*5/15/2013*	*5/15/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	170	0.5 U	0.5 U	0.5 U	0.5 U	1 U	107	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	90	0.5 U	0.5 U	0.5 U	0.5 U	1 U	20.	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	1340	0.6	0.5 U	3.2	13.9	192	2 U	22.2	1.8	26.7	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	1630	0.9	0.5 U	21.9	18.1	33.1	2 U	18.0	2.9	2.2	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	770	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	290	0.5 U	0.5 U	0.5 U	4.1	7.3	101	4.9	0.8	1.7	0.5 U
Trichloroethene	ug/L	5	MCL	50 U	0.5 U	0.5 U	0.5 U	5.2	6.6	165	0.5 U	0.5	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	19.4	5.0 U	5.0 U	33.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	162	5.0 U	5.0 U	242	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	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
2,6-Dichlorophenol	ug/L			17.0	5.0 U	5.0 U	133	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	71	RSL	17.8	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
3/4-Chlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	ug/L	0.0062	RSL	0.520	0.011 U	0.011 U	0.033	0.045	0.042	0.284	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.099	0.037 U	0.037 U	0.739	0.469	0.615	0.040	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.35	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.24	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.456	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.074	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.20 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.19	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	1.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.80	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	6.34	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	320	1.0 U	1.0 U	43	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	1000000	179000	163000	1620000	769000	706000	430000	47000	205000 J	134000 J	5100 J
Hardness, calculation	mgCaCO3/L			1310	493	467	1070	859	763	832	200	432	345	76.3

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW16S1A*	*MW16S2SS*	*MW16S4R*	*MW17S1*	*MW17S3A*	*MW17S3B*	*MW18S1*	*MW18S3*	*MW19S1*	*MW19S2*	*MW20S1*
Sample ID:				*WG-05212013-DH-MW16S1A*	*WG-05202013-DH-MW16S2SS*	*WG-052313-DH-MW16S4*	*WG-05152013-JR-MW17S1*	*WG-05152013-JR-MW17S3A*	*WG-05152013-JR-MW17S3B*	*WG-05292013-JR-MW18S1*	*WG-052213-DH-MW18S3*	*WG-052213-DH-MW19S1*	*WG-052313-DH-MW19S2*	*WG-05102013-JR-MW20S1*
Sample Date:				*5/21/2013*	*5/20/2013*	*5/23/2013*	*5/15/2013*	*5/15/2013*	*5/15/2013*	*5/29/2013*	*5/22/2013*	*5/22/2013*	*5/23/2013*	*5/10/2013*
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2000	2000 U	6.8	300 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1000 U	2000 U	0.9	300 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1000 U	2000 U	0.5 U	300 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1000 U	2000 U	0.5 U	300 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	12.0	680	0.5 U	0.5 U	0.5 U	0.5 U	152000	96700	176	2500	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	4.6	120	0.5 U	0.5 U	0.5 U	0.5 U	81400	35000	48.6	970	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1000 U	2000 U	0.5 U	300 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	2200	2000 U	0.5 U	300 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	38400	35000	434	4500	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1000	2000 U	8.8	400	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	1000 U	2000 U	0.5 U	300 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	ug/L			5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	154	35.7	5.0 U	5.0 UJ	5.0 U
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	154	35.7	5.0 U	5.0 UJ	5.0 U
2,4,5-Trichlorophenol	ug/L	890	RSL	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
2,4,6-Trichlorophenol	ug/L	3.5	RSL	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	163	10.7	5.0 U	250. J	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	10.3	1270	5.0 U	5.0 U	5.0 U	5.0 U	43.6	5.0 U	5.0 U	122 J	5.0 U
2,5-Dichlorophenol	ug/L			5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
2,6-Dichlorophenol	ug/L			5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	15.5	5.0 U	5.0 U	39.0 J	5.0 U
2-Chlorophenol	ug/L	71	RSL	5.0 U	892 J	5.0 U	5.0 U	5.0 U	5.0 U	9.5	5.0 U	5.0 U	12.8 J	5.0 U
3/4-Chlorophenol	ug/L			5.0 U	958	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.7 J	5.0 U
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.412	0.011 U	0.011 U	0.011 U	0.011 U	5.5 U	6.7	0.11 U	2.2 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.037 U	1.14	0.667	0.037 U	0.037 U	0.037 U	19 U	15 U	0.37 U	20.	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	30 U	20 U	0.5 U	10 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	26 U	21 U	0.52 U	10 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.19	0.10 U	0.10 U	0.10 U	50 U	40 U	1.0 U	20 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.24	0.02 U	0.02 U	0.02 U	230	210	39.6	479	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.18 U	0.02 U	0.02 U	0.02 U	0.02 U	1270	1410	45.5	328	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	2.4 J	1.0 U	1.0 U	1.0 U	1.0 U	19	10.	6.4	1700	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	570	280	0.5 U	6.9 J	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	170000	1850000	89000	25000	27900	220000	703000	440000	1010000	5340000	22100
Hardness, calculation	mgCaCO3/L			398	426	310	389	268	428	840	388	728	2870	252

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW20S1*	*MW20S3*	*MW21S1*	*MW21S3*	*MW22S1*	*MW22S2*	*MW23BR*	*MW23BR*	*MW24S1*	*MW24S3*	*MW25S1*
Sample ID:				*WG-05102013-JR-FD03*	*WG-05102013-JR-MW20S3*	*WG-0508-2013-MC-MW21S1*	*WG-0508-2013-MC-MW21S3*	*WG-05212013-DH-MW22S1*	*WG-05212013-DH-MW22S2*	*WG-052313-JR-MW23BR*	*WG-052313-JR-FD6*	*WG-052213-JR-MW24S1*	*WG-052213-JR-MW24S3*	*WG-05092013-MC-MW25S1*
Sample Date:				*5/10/2013*	*5/10/2013*	*5/8/2013*	*5/8/2013*	*5/21/2013*	*5/21/2013*	*5/23/2013*	*5/23/2013*	*5/22/2013*	*5/22/2013*	*5/9/2013*
				(Duplicate)							*(Duplicate)*			
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	14.4	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	2.5	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	60.2	0.5 U	7.8	33.6	4750	0.5 U	0.5 U	91	10.3	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	2	0.5 U	0.6	3.6	130	0.5 U	0.5 U	177	16.2	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	4.8 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	33.3	2.5	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	3.4	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	1 U	0.5 U	0.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	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
2,4-Dichlorophenol	ug/L	35	RSL	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
2,5-Dichlorophenol	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
2,6-Dichlorophenol	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
2-Chlorophenol	ug/L	71	RSL	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
3/4-Chlorophenol	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
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.022	0.011 U	0.011 U	0.040	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.145	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.15 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	1.14	0.03	0.02 U	0.41	0.02 U	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	22300	80000	1520000	88000	155000	440000	88000	88000	45600	101000	53000
Hardness, calculation	mgCaCO3/L			252	288	1040	298	345	500	1840	1780	304	284	314

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW25S1*	*MW26S1*	*MW26S3*	*MW27S1*	*MW27S2*	*MW28S1*	*MW28S2*	*MW28S3*	*MW28S3*	*MW29S1*	*MW29S2*
Sample ID:				*WG-05092013-MC-Field Dup 2*	*WG-05152013-MDC-MW26S1*	*WG-05152013-MDC-MW26S3*	*WG-052313-DH-MW27S1*	*WG-052313-DH-MW27S2*	*WG-05152013-JR-MW28S1*	*WG-05152013-JR-MW28S2*	*WG-05152013-JR-MW28S3*	*WG-05152013-JR-FD4*	*WG-05202013-JR-MW29S1*	*WG-05202013-JR-MW29S2*
Sample Date:				*5/9/2013*	*5/15/2013*	*5/15/2013*	*5/23/2013*	*5/23/2013*	*5/15/2013*	*5/15/2013*	*5/15/2013*	*5/15/2013*	*5/20/2013*	*5/20/2013*
				(Duplicate)								*(Duplicate)*		
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	108
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	5.6	0.5 U	0.5 U	0.5 U	87.1
Carbon tetrachloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	14	60.	0.5 U	0.5 U	89.3	83.6	88.8	3 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	0.5 U	0.5 U	32	15	0.5 U	0.5 U	5.7	5.3	9.2	3 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	3.9	0.5 U	279	407	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.8
Trichloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	23	13	0.5 U	0.5 U	0.5 U	0.5 U	0.5	37
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	0.5 U	2 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	5.0 U	5.0 U	5.0 U	6.1	9.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	12.1
2,4-Dichlorophenol	ug/L	35	RSL	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	70.5
2,5-Dichlorophenol	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
2,6-Dichlorophenol	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	25.8
2-Chlorophenol	ug/L	71	RSL	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
3/4-Chlorophenol	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	9.2
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.024	5.5 U	55 U	0.011 U	0.041	0.011 U	0.011 U	0.017	0.401
beta-BHC	ug/L	0.022	RSL	0.037 U	0.037 U	0.037 U	19 U	190 U	0.037 U	0.107	0.072	0.070	0.191	2.17
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	30 U	300 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	26 U	260 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	50 U	500 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	1800	17800	0.02 U	0.02 U	0.02 U	0.02 U	0.10 U	0.08 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	310	2200	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.04 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.0 U	1.0 U	2.5 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	2.9	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	53000	84000 J	177000 J	166000	228000	97000 J	603000 J	47300 J	45000 J	900000	5500000
Hardness, calculation	mgCaCO3/L			321	353	630	322	327	308	345	133	134	677	2280

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW29S3*	*MW30S1*	*MW30S3*	*MW31S1*	*MW32S1*	*MW113S3*	*MW114S1*	*MW130S1*	*MW130S2*	*MW130S3*	*MW131S2*
Sample ID:				*WG-05202013-JR-MW29S3*	*WG-05162013-JR-MW30S1*	*WG-05162013-JR-MW30S3*	*WG-05102013-JR-MW31S1*	*WG-05142013-JR-MW32S1*	*WG-05222013-DH-MW113S3*	*WG-05222013-DH-MW114S1*	*WG-05132013-JR-MW130S1*	*WG-05132013-JR-MW130S2*	*WG-05132013-JR-MW130S3*	*WG-05092013-JR-MW131S2*
Sample Date:				*5/20/2013*	*5/16/2013*	*5/16/2013*	*5/10/2013*	*5/14/2013*	*5/22/2013*	*5/22/2013*	*5/13/2013*	*5/13/2013*	*5/13/2013*	*5/9/2013*
Parameters	*Units*	*Criteria*	*Type*											
Volatile Organic Compounds														
1,1,1-Trichloroethane	ug/L	200	MCL	6.3	0.5 U	200 U	2 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	293	0.5 U	200 U	2 U	0.5 U	500 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	3 U	0.5 U	200 U	2 U	0.5 U	1600	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	8.4	0.5 U	200 U	2 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	3 U	2.3	13300	141	3.4	64700	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	3 U	3.5	300	7.6	14.8	41100	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	3 U	0.5 U	200 U	2 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	3 U	0.5 U	200 U	2 U	0.5 U	2400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	73.8	0.5 U	200 U	2 U	4.5	10600	2.6	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	104	0.5 U	200 U	2 U	5.5	600	1.9	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	3 U	0.5 U	200 U	2 U	0.5 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds														
2,3,4,5-Tetrachlorophenol	ug/L			10.4	5.0 U	5.0 U	5.0 U	5.0 U	47.1 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	10.4	5.0 U	5.0 U	5.0 U	5.0 U	47.1 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	ug/L	890	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	ug/L	3.5	RSL	11.8	5.0 U	5.0 U	5.0 U	5.0 U	63.4 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	66.4	5.0 U	34.6	5.0 U	5.0 U	8.4 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	ug/L			8.5	5.0 U	20.0	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	71	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	ug/L	0.0062	RSL	0.095 J	0.012	0.106	0.021	0.028	1.1 U	0.020	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	1.42 J	0.145	0.329	0.292	0.597	4.4	0.335	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.07	5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.065	0.052 U	0.052 U	5.2 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.03	0.02 U	0.02 U	98	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	3.82	0.02 U	0.02 U	230	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides														
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	7.1 J	1.0 U	1.0 U	1.0 U	1.0 U	80	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	12	0.5 U	0.5 U	0.5 U	0.5 U	81	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry														
Chloride	ug/L	250000	MCL	1480000	671000 J	935000 J	237000	1080000	8600000	1180000	42000	97000	86000	91000
Hardness, calculation	mgCaCO3/L			649	472	684	352	1090	91.8	882	218	206	313	348

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW131S3*	*MW132S1*	*MW132S2/S3*	*MW133S2/S3*	*MW134S2*	*MW134S3*	*MW135S1*	*MW135S2/S3*	*MW136S2/S3*	*MW137S1*
Sample ID:				*WG-05092013-JR-MW131S3*	*WG-05092013-JR-MW132S1*	*WG-05092013-JR-MW132S2/S3*	*WG-05132013-JR-MW133S2S3*	*WG-05082013-JR-MW134S2*	*WG-05082013-JR-MW134S3*	*WG-05072013-MC-MW135S1*	*WG-05072013-JR-MW135S2/S3*	*WG-05072013-MC-MW136S2/S3*	*WG-05092013-MC-MW137S1*
Sample Date:				*5/9/2013*	*5/9/2013*	*5/9/2013*	*5/13/2013*	*5/8/2013*	*5/8/2013*	*5/7/2013*	*5/7/2013*	*5/7/2013*	*5/9/2013*
Parameters	*Units*	*Criteria*	*Type*										
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds													
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	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
2,4-Dichlorophenol	ug/L	35	RSL	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
2,5-Dichlorophenol	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
2,6-Dichlorophenol	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
2-Chlorophenol	ug/L	71	RSL	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
3/4-Chlorophenol	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
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.038	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides													
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry													
Chloride	ug/L	250000	MCL	73000	56000	11400	28500	58000	55000	46000	42000	78000	14600
Hardness, calculation	mgCaCO3/L			250	306	221	269	231	286	231	245	256	230

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW137S2*	*MW137S3*	*MW138S1*	*MW138S2/S3*	*MW138S2/S3*	*MW139S2/S3*	*MW140S1*	*MW140S2/S3*	*MW141S2/S3*
Sample ID:				*WG-05082013-MC-MW137S2*	*WG-05082013-MC-MW137S3*	*WG-0508-2013-MC-MW138S1*	*WG-0508-2013-MC-MW138S2/S3*	*WG-0508-2013-MC-Field Dup #1*	*WG-05072013-MC-MW139S2/S3*	*WG-05212013-DH-MW140S1*	*WG-05212013-DH-MW140S2/S3*	*WG-05162013-MC-MW141S2/S3*
Sample Date:				*5/8/2013*	*5/8/2013*	*5/8/2013*	*5/8/2013*	*5/8/2013*	*5/7/2013*	*5/21/2013*	*5/21/2013*	*5/16/2013*
								(Duplicate)				
Parameters	*Units*	*Criteria*	*Type*									
Volatile Organic Compounds												
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	2.5	2.7	0.5 U	0.5 U	1890	2.2
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	35	2.3
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Semi-volatile Organic Compounds												
2,3,4,5-Tetrachlorophenol	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
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	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
2,4,5-Trichlorophenol	ug/L	890	RSL	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
2,4,6-Trichlorophenol	ug/L	3.5	RSL	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
2,4-Dichlorophenol	ug/L	35	RSL	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
2,5-Dichlorophenol	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
2,6-Dichlorophenol	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
2-Chlorophenol	ug/L	71	RSL	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
3/4-Chlorophenol	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
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	ug/L	0.022	RSL	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.18	0.02 U
Herbicides												
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry												
Chloride	ug/L	250000	MCL	21100	57000	41200	59000	59000	232000	18700	345000	14800 J
Hardness, calculation	mgCaCO3/L			277	285	233	265	264	499	276	545	151

TABLE 6

ANALYTICAL RESULTS SUMMARY
SPRING 2013
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS

Sample Location:				*MW142S2/S3*	*MW143S2/S3*	*MW143S2/S3*	*MW144S2/S3*	*MW145S2/S3*
Sample ID:				*WG-05132013-MDC-MW142S2S3*	*WG-05172013-JR-MW143S2S3*	*WG-05172013-JR-FD5*	*WG-05072013-JR-MW144S2/S3*	*WG-05072013-JR-MW145S2/S3*
Sample Date:				*5/13/2013*	*5/17/2013*	*5/17/2013*	*5/7/2013*	*5/7/2013*
						(Duplicate)		
Parameters	*Units*	*Criteria*	*Type*					
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	200	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	ug/L	5	MCL	0.5 U	12.7	12.6	0.5 U	0.5 U
Chloroform (Trichloromethane)	ug/L	70	MCLG	0.5 U	3.1	3.3	0.5 U	0.5 U
Chloromethane (Methyl chloride)	ug/L	190	RSL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	5	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	ug/L	2	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds								
2,3,4,5-Tetrachlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	ug/L	170	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	ug/L	890	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	ug/L	3.5	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	35	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	71	RSL	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	ug/L	0.0062	RSL	0.011 U	0.013	0.013	0.011 U	0.021
beta-BHC	ug/L	0.022	RSL	0.037 U	0.114	0.109	0.037 U	0.381
delta-BHC	ug/L			0.05 U	0.05 U	0.05 U	0.05 U	0.06
gamma-BHC (lindane)	ug/L	0.2	MCL	0.052 U	0.052 U	0.052 U	0.052 U	0.106
Hexachlorobenzene	ug/L	1	MCL	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	ug/L	0.26	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	ug/L	0.79	RSL	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Herbicides								
2,4-Dichlorophenoxyacetic acid (2,4-D)	ug/L	70	MCL	11	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	ug/L	1	MCL	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry								
Chloride	ug/L	250000	MCL	44000	249000 J	264000 J	33100	210000
Hardness, calculation	mgCaCO3/L			199	484	480	247	545

Notes:

- exceeds criteria

J - Estimated concentration.

R - Rejected.

U - Not detected above the associated reporting limit.

UJ - Not detected; Reporting limit is estimated.

ug/L - micrograms per Liter

MCL - Maximum Contaminant Level

RSL -EPA Region IX, Regional Screening Level May 2013,

http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/restap_sl_table_run_MAY2013.pdf

MCLG - Maximum Contaminant Level Goal

APPENDIX A

EQUIPMENT CALIBRATION FORMS

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-07-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: Lamotte-U65755X
Date: 5/7/2013
User: A. Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: [signature]

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-08-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U66968X
Date: 5-8-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-09-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U66968X
Date: 5-9-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: KAK

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-10-13
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-13-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-13-13
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: JRy

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-14-13
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-14-13
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: JRy

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-15-13
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: JRy

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-15-13
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10.08 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: YY

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-16-2013
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 9.99 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: YY

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-16-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-17-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-17-2013
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 9.99 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: YY

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-20-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-20-2013
User: Derek Haiser

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 9.99 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: DH

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-21-2013
User: Derek Haiser

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 9.99 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: DH

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-21-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U63613X
Date: 05-22-2013
User: Derek Haiser

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: DH

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-22-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U66968x
Date: 5-23-2013
User: A Krein

Project No.: 054046
Project Name: Occ wichita

Location: Wichita kansas

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: A Krein

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 5-23-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE), LAMOTTE 2020

(QSF-247D)

Control No.: U65755X
Date: 7-2-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.	[x]
• Open lid and align arrows.	[x]
• Insert the reference standard and index (10 or 1.0 NTU).	Standard Used: 10 NTU
• Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)	[x]
• Push the CAL button for 5 seconds until CAL is displayed.	
• Release the CAL button and the display will flash.	
• Press the up and /or down arrows until the value of the standard is displayed.	
• Push the CAL button again to store the calibration.	[x]
• The instrument is now ready for use.	
• Turn the meter off by pressing the READ button for at least 1 second.	[x]

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-7-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-07-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-8-13
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-08-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-09-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-9-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-10-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: 9 Rks

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-13-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-13-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: 9 Rks

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-14-13
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-14-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: J Raye

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-15-13
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-15-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: JRa

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-16-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-16-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: JRa

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-17-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Mark Cox

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-17-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: J Raye

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-20-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-20-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-21-2013
User: Mark Cox

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-21-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: TUL-028
Date: 05-22-2013
User: Derrick Hiser

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical, Wichita KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: Derrick Hiser

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-22-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: Tul028
Date: 5-23-2013
User: A krein

Project No.: 054046
Project Name: Occ wichita

Location: Wichita ks

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature:

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 5-23-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: KS-IP-03
Date: 7-2-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check for broken or missing parts.	
• Check battery	✓
• Check operation of buzzer.	✓
• Check operation of signal light.	✓
• Test probe in water to ensure unit operates, both visually and audibly.	✓
• Check cable.	✓

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-07-2013
User: Justin Coons

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.1
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.1 9.99
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1412
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 219 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: JCoons

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

(QSF-483D)

Control No.: Tul-024
Date: 5/7/13
User: Jeremy Raye

Project No.: 054046
Project Name: Oxy Chem

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.13
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.02
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.291
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: 13D100204
Date: 5-8-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.05
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 9.98
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.398
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 219.1 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-08-2013
User: Justin Coons

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.1
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated (Y) N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.1 9.99
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1412
Conductivity is a one point calibration.	Calibrated (Y) N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 219 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated (Y) N

Filing: Field File

Signature: JCoons

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-9-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 6.98
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.83
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 4.00 Reading 1.391
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 236 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-09-2013
User: Justin Coons

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.0
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated (Y) N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.99 10.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1412
Conductivity is a one point calibration.	Calibrated (Y) N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated (Y) N

Filing: Field File

Signature: JCoons

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-10-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.02
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.98
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.385
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 218.9 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

(QSF-483D)

Control No.: Tul-025
Date: 05-13-13
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.0
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00. 10.02
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1415
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: YO

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-13-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 6.96
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.95
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.391
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 218.9 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

(QSF-483D)

Control No.: Tul-025
Date: 05-14-13
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 6.99
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.99 10.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1412
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 221 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: YO

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-14-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.01
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 218.9 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

(QSF-483D)

Control No.: Tul-025
Date: 05-15-13
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 6.98
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.01. 10.01
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1414
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220.8 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: YO

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-15-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-16-2013
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated (Y) N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.99 10.01
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1413
Conductivity is a one point calibration.	Calibrated (Y) N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220.1 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated (Y) N

Filing: Field File

Signature: YO

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-16-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-17-2013
User: Youa Yang

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated (Y) N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.99 10.01
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1413
Conductivity is a one point calibration.	Calibrated (Y) N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220.1 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated (Y) N

Filing: Field File

Signature: YO

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-17-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-20-2013
User: Derek Hiser

Project No.: 054046
Project Name: Oxy

Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated (Y) / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00 10.01
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1413
Conductivity is a one point calibration.	Calibrated (Y) / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220.1 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated (Y) / N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-20-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-025
Date: 05-21-2013
User: Derek Hiser

Project No.: 054046
Project Name: Oxy
Location: Oxy Chemical Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00 10.01
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1413 Reading 1413
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220.1 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

(QSF-483D)

Control No.: Tul-024
Date: 5-21-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

(QSF-483D)

Control No.: Tul-024
Date: 5-22-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita
Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y / N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul025
Date: 5-22-2013
User: A Krein

Project No.: 054046
Project Name: OCC Wichita

Location: Wichita Kansas

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.01
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y (N)
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 3.99
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.412
Conductivity is a one point calibration.	Calibrated Y (N)
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y / N

Filing: Field File

Signature: [signature]

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 5-23-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita
Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: JR

THIS COMPLETED FORM IS A QUALITY RECORD

FIELD DATA RECORD FORM (QSF-483D)
METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS

Control No.: Tul-024
Date: 7-2-2013
User: J Raye

Project No.: 054046
Project Name: OCC Wichita
Location: Wichita, KS

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

	Check when completed
• Check kit contents.	[x]
• Check pH 7 buffer reading. Calibrate if greater than ±0.2.	Reading 7.00
PH is a two point calibration but always start with the seven standard.	
• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.	Calibrated Y / N
• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press ↵ key to accept.	
• Use ↓ key to highlight pH symbol and press enter ↵.	
• Select 2 point calibration and use number pad to enter 7.0 and push ↵ to accept value. Push ↵ again to calibrate.	
• Repeat these steps to calibrate your pH value to 4.0 or 10.0.	Reading 4.00
• Press Esc to return to the calibration screen.	
Check conductivity standard near the expected range. Calibrate if greater than ±0.5%.	Standard 1.413 Reading 1.413
Conductivity is a one point calibration.	Calibrated Y N
• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.	
• Press Esc to return to the calibration screen.	
• Use the ↑or ↓ to select SpC and press ↵	
• Use the number key pad to enter 1.413 and push ↵ to accept value. Push ↵ again to calibrate.	
Check ORP standard:	
• Press Esc to return to the calibration screen.	Standard 220 mV Reading 220 mV
• Use the ↑or ↓ to select ORPand press ↵	
• Use the number key pad to enter the value and push ↵ to accept. Push ↵ again to calibrate.	
To calibrate DO, see manual for instructions	Calibrated Y N

Filing: Field File

Signature: _____

THIS COMPLETED FORM IS A QUALITY RECORD

APPENDIX B

ANALYTICAL REPORTS

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/08/2013 1655
Continental File No.: 7775
Continental Order No.: 110858
Project ID: 042407/054046
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 35 pages for the analytical report, 2 page(s) for the chain of custody and/or analysis request, and 5 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13050646	WG-0508-2013-MC-MW21S3	Liquid	5/8/2013
13050647	WG-0508-2013-MC-MW21S1	Liquid	5/8/2013
13050648	WG-0508-2013-MC-MW138S2/S3	Liquid	5/8/2013
13050649	WG-0508-2013-MC-MW138S1	Liquid	5/8/2013
13050650	WG-0508-2013-MC-Field Dup #1	Liquid	5/8/2013
13050651	WG-05072013-MC-MW135S1	Liquid	5/7/2013
13050652	WG-05072013-JR-MW135S2/S3	Liquid	5/7/2013
13050653	WG-05072013-JR-MW144S2/S3	Liquid	5/7/2013
13050654	WG-05072013-MC-MW136S2/S3	Liquid	5/7/2013
13050655	WG-05072013-JR-MW145S2/S3	Liquid	5/7/2013
13050656	WG-05072013-MC-MW139S2/S3	Liquid	5/7/2013
13050657	TB-05072013	Liquid	5/7/2013

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830
KDHE Environmental Laboratory Accreditation No. E-10146

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830
KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050646
Sample Description: WG-0508-2013-MC-MW21S3

Date Sampled: 05/08/2013
Time Sampled: 0920

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	7.8	µg/L	7348/69
Chloroform	0.6	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	298	mg/L as CaCO3	7157/575
Chloride	88	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1517	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1517	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0207	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1322	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 1919	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1539	130510-5	3IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1557	1IC1141	2IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050646

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050647
Sample Description: WG-0508-2013-MC-MW21S1

Date Sampled: 05/08/2013
Time Sampled: 0950

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	1040	mg/L as CaCO3	7157/575
Chloride	1520	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1557	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1557	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0249	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1408	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 1945	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1555	130510-5	3IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1610	1IC1141	2IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050647

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050648
Sample Description: WG-0508-2013-MC-MW138S2/S3

Date Sampled: 05/08/2013
Time Sampled: 1110

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	2.5	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	265	mg/L as CaCO3	7157/575
Chloride	59	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1636	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1636	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0331	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1454	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2011	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1600	130510-5	3IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1648	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050648

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050649
Sample Description: WG-0508-2013-MC-MW138S1

Date Sampled: 05/08/2013
Time Sampled: 1145

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	233	mg/L as CaCO3	7157/575
Chloride	41.2	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1715	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1715	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0413	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1540	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2036	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1612	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1700	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050649

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050650
Sample Description: WG-0508-2013-MC-Field Dup #1

Date Sampled: 05/08/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	2.7	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	264	mg/L as CaCO3	7157/575
Chloride	59	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1755	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1755	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0455	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1626	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2103	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1616	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1713	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050650

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050651
Sample Description: WG-05072013-MC-MW135S1

Date Sampled: 05/07/2013
Time Sampled: 1355

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	231	mg/L as CaCO3	7157/575
Chloride	46	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1834	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1834	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0537	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1712	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2129	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1621	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1726	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050651

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050652
Sample Description: WG-05072013-JR-MW135S2/S3

Date Sampled: 05/07/2013
Time Sampled: 1425

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	245	mg/L as CaCO3	7157/575
Chloride	42	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 1913	130514-1	1NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 1913	130514-1	1NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0619	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1758	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2155	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1625	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1738	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050652

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050653
Sample Description: WG-05072013-JR-MW144S2/S3

Date Sampled: 05/07/2013
Time Sampled: 1525

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	247	mg/L as CaCO3	7157/575
Chloride	33.1	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 2032	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 2032	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0701	130513-2	1EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1844	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2221	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1629	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1751	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050653

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050654
Sample Description: WG-05072013-MC-MW136S2/S3

Date Sampled: 05/07/2013
Time Sampled: 1540

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	256	mg/L as CaCO3	7157/575
Chloride	78	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 2111	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 2111	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0826	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 1929	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2247	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1633	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1804	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050654

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050655
Sample Description: WG-05072013-JR-MW145S2/S3

Date Sampled: 05/07/2013
Time Sampled: 1625

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	0.021	µg/L	7360/23
B-BHC	0.381	µg/L	7360/23
G-BHC	0.106	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	0.06	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	545	mg/L as CaCO3	7157/575
Chloride	210.	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 2151	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 2151	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0908	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 2015	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2313	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1638	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1816	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050655

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050656
Sample Description: WG-05072013-MC-MW139S2/S3

Date Sampled: 05/07/2013
Time Sampled: 1625

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69
Hardness (Calculated)	499	mg/L as CaCO3	7157/575
Chloride	232	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 2230	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 2230	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 0950	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 2100	130514-2	1MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/09/13 2339	1MS5129	1MS5129	RKR	8260B
Hardness (Calculated)	05/10/13 0841	05/13/13 1642	130510-5	4IP4133	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 1829	1IC1141	3IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050656

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Lab Number: 13050657
Sample Description: TB-05072013

Date Sampled: 05/07/2013
Time Sampled:

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/69
1,2-Dichloroethane	ND(0.5)	µg/L	7348/69
Benzene	ND(0.5)	µg/L	7348/69
Carbon tetrachloride	ND(0.5)	µg/L	7348/69
Chloroform	ND(0.5)	µg/L	7348/69
Chloromethane	ND(0.5)	µg/L	7348/69
Methylene chloride	ND(0.5)	µg/L	7348/69
Tetrachloroethylene	ND(0.5)	µg/L	7348/69
Trichloroethylene	ND(0.5)	µg/L	7348/69
Vinyl chloride	ND(0.5)	µg/L	7348/69
1,2-Dichloropropane	ND(0.5)	µg/L	7348/69

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/10/13 0005	1MS5129	1MS5129	RKR	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13050657

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130514-1	130514BLK1	130514LCS1	13050831MS
CL350	Pentachlorophenol	130514-1	130514BLK1	130514LCS1	13050831MS
			05/17/13 1359	05/17/13 1438	05/18/13 0107

Lab numbers associated with this batch:
13050646 13050647 13050648 13050649 13050650 13050651 13050652 13050653 13050654 13050655 13050656

CL351	OXY Chlorinated Hyd.	130513-2	130513BLK2	130513LCS2	13050831MS
			05/16/13 0043	05/16/13 0125	05/16/13 1238

Lab numbers associated with this batch:
13050646 13050647 13050648 13050649 13050650 13050651 13050652 13050653 13050654 13050655 13050656

MS302	OXY GC/MS Acids	130514-2	130514BLK2	130514LCS2	13050831MS
			05/16/13 1150	05/16/13 1236	05/17/13 0148

Lab numbers associated with this batch:
13050646 13050647 13050648 13050649 13050650 13050651 13050652 13050653 13050654 13050655 13050656

MS350	OXY Volatiles by 8260	1MS5129	BLK1MS5129	LCS1MS5129	
			05/09/13 1433	05/09/13 1407	

Lab numbers associated with this batch:
13050646 13050647 13050648 13050649 13050650 13050651 13050652 13050653 13050654 13050655 13050656
13050657

SL323	Hardness (Calculated)	130510-5	130510BLK5	130510LCS5	13050646MS
			05/13/13 1526	05/13/13 1530	05/13/13 1543

Lab numbers associated with this batch:
13050646 13050647 13050648 13050649 13050650 13050651 13050652 13050653 13050654 13050655 13050656

GL502	Chloride	1IC1141	BLK1IC1141	LCS1IC1141	13051676MS
			05/21/13 1144	05/21/13 1156	05/21/13 1532

Lab numbers associated with this batch:
13050646 13050647 13050648 13050649 13050650 13050651 13050652 13050653 13050654 13050655 13050656

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130510-5	**For samples prepared on: 05/10/2013 0841**					**Spiked sample: 13050646**						
Hardness (Calculated)	ND(5.0)	97.6	80.0-120	337	mg/L a	93.1	95.3	80.0-120	337	mg/L a	1.20	20.0
QC Batch: 130513-2	**For samples prepared on: 05/13/2013 0900**					**Spiked sample: 13050831**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	114	83.9-128	0.50	µg/L			84.0-131	0.50	µg/L	**	13.0
B-BHC	ND(0.037)	109	83.5-129	0.50	µg/L			83.7-129	0.50	µg/L	**	13.2
G-BHC	ND(0.052)	116	83.6-128	0.50	µg/L			82.4-131	0.50	µg/L	**	13.2
Hexachloroethane	ND(0.02)	105	57.2-125	0.50	µg/L			40.1-127	0.50	µg/L	**	18.6
Hexachlorobutadiene	ND(0.02)	114	51.9-126	0.50	µg/L			37.5-125	0.50	µg/L	**	21.3
Hexachlorobenzene	ND(0.10)	123	74.7-127	0.50	µg/L			72.6-127	0.50	µg/L	**	15.4
D-BHC	ND(0.05)	126	78.7-146	0.50	µg/L			78.0-148	0.50	µg/L	**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	77.1	89.5	53.9-120	8.0	µg/L	MN	MN	53.9-120	8.0	µg/L	**	
QC Batch: 130514-1	**For samples prepared on: 05/14/2013 0740**					**Spiked sample: 13050831**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	81.1	77.6-131	4.0	µg/L	MN	MN	78.6-129	4.0	µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	77.9	105	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130514-1	**For samples prepared on: 05/14/2013 0740**					**Spiked sample: 13050831**						
Pentachlorophenol	ND(0.5)	101	72.0-127	4.0	µg/L	MN	MN	13.9-147	4.0	µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	77.9	105	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130514-2	**For samples prepared on: 05/14/2013 1130**					**Spiked sample: 13050831**						
OXY GC/MS Acids						MN	MN					
2-Chlorophenol	ND(5.0)	86.9	73.0-97.8	50.0	µg/L			69.5-101	50.0	µg/L	**	11.9
3-& 4-Chlorophenol	ND(5.0)	74.6	61.2-86.6	50.0	µg/L			59.9-90.4	50.0	µg/L	**	11.8
2,4-Dichlorophenol	ND(5.0)	89.2	73.1-116	50.0	µg/L			72.2-118	50.0	µg/L	**	18.7
2,5-Dichlorophenol	ND(5.0)	91.2	72.9-112	50.0	µg/L			82.6-107	50.0	µg/L	**	16.2
2,6-Dichlorophenol	ND(5.0)	91.5	81.0-110	50.0	µg/L			78.8-114	50.0	µg/L	**	10.7
2,4,5-Trichlorophenol	ND(5.0)	93.7	79.1-115	50.0	µg/L			77.6-118	50.0	µg/L	**	11.7
2,4,6-Trichlorophenol	ND(5.0)	92.0	80.4-117	50.0	µg/L			78.1-121	50.0	µg/L	**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	90.3 CE	65.5-129	100	µg/L			66.2-131	100	µg/L	**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	90.3 CE	64.5-131	100	µg/L			63.8-134	100	µg/L	**	13.1
Surrogates:												
PHENOL-d6	37.5	37.7	21.7-41.8	150	µg/L	MN	MN	21.7-41.8	150	µg/L	**	
2-FLUOROPHENOL	56.1	57.0	36.2-67.8	150	µg/L	MN	MN	36.2-67.8	150	µg/L	**	
2,4,6-TRIBROMOPHENOL	78.9	96.9	62.3-129	150	µg/L	MN	MN	62.3-129	150	µg/L	**	
QC Batch: 1IC1141	**For sample analyzed on: 05/21/2013**					**Spiked sample: 13051676**						
Chloride	ND(1.0)	96.0	90.0-110	4.0	mg/L	MN	MN	74.5-127	200	mg/L	**	5.3
QC Batch: 1MS5129	**For sample analyzed on: 05/09/2013**					**Spiked sample:**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	99.5	81.5-118	10.0	µg/L			78.1-121			**	10.7
1,2-Dichloroethane	ND(0.5)	101	69.8-120	10.0	µg/L			68.0-125			**	10.8
Benzene	ND(0.5)	97.1	82.7-115	10.0	µg/L			80.1-119			**	6.8
Carbon tetrachloride	ND(0.5)	101	80.9-128	10.0	µg/L			72.6-132			**	10.6
Chloroform	ND(0.5)	92.8	76.9-118	10.0	µg/L			73.8-122			**	8.7
Chloromethane	ND(0.5)	97.7	70.6-125	10.0	µg/L			62.8-132			**	13.5
Methylene chloride	ND(0.5)	93.7	76.1-114	10.0	µg/L			74.3-118			**	10.5

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS5129	**For sample analyzed on: 05/09/2013**					**Spiked sample:**						
Tetrachloroethylene	ND(0.5)	98.6	84.5-126	10.0	µg/L			81.2-125			**	10.1
Trichloroethylene	ND(0.5)	102	82.0-113	10.0	µg/L			79.3-117			**	8.7
Vinyl chloride	ND(0.5)	100.	72.1-130	10.0	µg/L			66.9-134			**	14.4
1,2-Dichloropropane	ND(0.5)	96.5	78.6-113	10.0	µg/L			76.4-118			**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	101	101	73.2-126	10.0	µg/L	MN	MN	73.2-126			**	
TOLUENE-d8	100.	108	88.6-116	10.0	µg/L	MN	MN	88.6-116			**	

Data Qualifiers:
MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050646		**Sample Description:WG-0508-2013-MC-MW21S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	93.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	93.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	83.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	33.1	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	50.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	80.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	99.6	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	102	88.6-116
Lab Number: 13050647		**Sample Description:WG-0508-2013-MC-MW21S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	87.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	87.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	82.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	29.5	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	46.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	62.1 SL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	100.	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	105	88.6-116
Lab Number: 13050648		**Sample Description:WG-0508-2013-MC-MW138S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	91.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	91.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	80.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	34.7	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	49.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	80.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	106	88.6-116
Lab Number: 13050649		**Sample Description:WG-0508-2013-MC-MW138S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	98.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	98.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	78.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	31.0	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050649		**Sample Description:WG-0508-2013-MC-MW138S1**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	47.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	72.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	103	88.6-116
Lab Number: 13050650		**Sample Description:WG-0508-2013-MC-Field Dup #1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	96.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	96.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	74.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	33.6	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	50.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	80.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	102	88.6-116
Lab Number: 13050651		**Sample Description:WG-05072013-MC-MW135S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	92.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	92.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	77.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	35.8	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	55.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	85.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	101	88.6-116
Lab Number: 13050652		**Sample Description:WG-05072013-JR-MW135S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	86.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	86.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	85.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	33.2	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	50.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	76.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	103	88.6-116
Lab Number: 13050653		**Sample Description:WG-05072013-JR-MW144S2/S3**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050653		**Sample Description:WG-05072013-JR-MW144S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	86.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	86.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	75.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	29.2	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	43.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	62.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	99.1	88.6-116
Lab Number: 13050654		**Sample Description:WG-05072013-MC-MW136S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	91.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	91.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	76.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	29.4	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	43.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	72.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	103	88.6-116
Lab Number: 13050655		**Sample Description:WG-05072013-JR-MW145S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	89.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	89.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	74.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	33.5	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	49.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	79.2	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	101	88.6-116
Lab Number: 13050656		**Sample Description:WG-05072013-MC-MW139S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	99.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	99.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	75.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	33.8	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050656		**Sample Description:WG-05072013-MC-MW139S2/S3**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	51.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	78.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/09/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/09/2013	10	µg/L	102	88.6-116
Lab Number: 13050657		**Sample Description:TB-05072013**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/10/2013	10	µg/L	100.	73.2-126
TOLUENE-d8		05/10/2013	10	µg/L	103	88.6-116

Data Qualifiers:
SL - The surrogate recovery for this analysis was below the method or laboratory control limits. The reported sample concentration may be biased low.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/22/2013
Date Received: 05/08/2013
Continental File No: 7775
Continental Order No: 110858

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	05/17/2013	1NX5137	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/17/2013	2NX5137	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/18/2013	3NX5137	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/17/2013	1NX5137	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/17/2013	2NX5137	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/18/2013	3NX5137	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/21/2013	2IC1141	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/21/2013	3IC1141	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/21/2013	4IC1141	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/13/2013	3IP4133	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/13/2013	4IP4133	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/13/2013	5IP4133	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	05/16/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/16/2013	1MS6136	100	95.6	µg/ml	95.6 CE
2,3,4,6-Tetrachlorophenol	05/16/2013	1MS6136	100	95.6	µg/ml	95.6 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13050646	1MS6136	WG-0508-2013-MC-MW21S3
13050647	1MS6136	WG-0508-2013-MC-MW21S1
13050648	1MS6136	WG-0508-2013-MC-MW138S2/S3
13050649	1MS6136	WG-0508-2013-MC-MW138S1
13050650	1MS6136	WG-0508-2013-MC-Field Dup #1
13050651	1MS6136	WG-05072013-MC-MW135S1
13050652	1MS6136	WG-05072013-JR-MW135S2/S3
13050653	1MS6136	WG-05072013-JR-MW144S2/S3
13050654	1MS6136	WG-05072013-MC-MW136S2/S3
13050655	1MS6136	WG-05072013-JR-MW145S2/S3
13050656	1MS6136	WG-05072013-MC-MW139S2/S3

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	05/09/2013	1MS5129	CCV recovery acceptable for this Instrument Batch.			

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -

Report/EDD 05/28/13 SSOW #251.402-D02.3100

CAS ORDER NO 10858

CONESTOGA-ROVERS & ASSOCIATES
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631
(773)380-9933 phone
(773)380-6421 fax

CHAIN-OF-CUSTODY RECORD

SHIPPED TO (Laboratory Name): Continental Analytical Services 525 N 8th Street Salina KS 67401

REFERENCE NUMBER: 042407 / 054046

PROJECT NAME: Oxy Chemical Wichita KS Spring 2013 Sampling

SAMPLER'S SIGNATURE: Mark Cox **PRINTED NAME:** Mark Cox

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOC	SVOC	Herb/Pest	Chloride/Hardness	REMARKS
	5-8-13	9:20	WG-0508-2013-MC-MW 2153	WG	8	X	X	X	X	
	5-8-13	9:50	WG-0508-2013-MC-MW 2152	WG	8	X	X	X	X	
	5-8-13	11:00	WG-0508-2013-MC-MW 13B52/53	WG	8	X	X	X	X	Edits made prior to sample receipt
	5-8-13	11:45	WG-0508-2013-MC-MW 13B51	WG	8	X	X	X	X	
	5-8-13	000	WG-0508-2013-MC-Field Dup #1	WG	8	X	X	X	X	[redacted] Discrepancies See C/S RF

TOTAL NUMBER OF CONTAINERS

RELINQUISHED BY: ①	DATE: 5-8-13 TIME: 13:30	RECEIVED BY: ②	DATE: 5 8 13 TIME: 1405
RELINQUISHED BY: ②	DATE: 5 8 13 TIME: 1655	RECEIVED BY: ③	DATE: 5-8-13 TIME: 1655
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: **AIR BILL No.**

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: Mark Cox, Justin Cross

RECEIVED FOR LABORATORY BY:

DATE: ________ TIME: ________

6332

1001-00(SOURCE)GN-CO004

Report / EDD 05/23/13 SSOW #357-402-D02-3100

CAS ORDER NO. 110858

CONESTOGA-ROVERS & ASSOCIATES
8615 W. Bryn Mawr Avenue
Chicago, Illinois 60631
(773)380-9933 phone
(773)380-6421 fax

SHIPPED TO (Laboratory Name): CONTINENTAL ANALYTICAL SERVICES
525 N. 8th STREET, SALINA, KS 67401

REFERENCE NUMBER: 54046/042407

PROJECT NAME: OCC WICHITA

CHAIN-OF-CUSTODY RECORD

SAMPLER'S SIGNATURE: [signature] **PRINTED NAME:** ANDREW KREIN

SEQ. No.	DATE	TIME	SAMPLE IDENTIFICATION No.	SAMPLE MATRIX	No. OF CONTAINERS	VOCs	SVOCs	PEST/HERB	Cl/HARDNESS							REMARKS
	5/7/13	1355	WG-05072013-MC-MW135S1	WG	8	X	X	X	X							
		1425	WG-05072013-JR-MW135S2/S3	WG	8	X	X	X	X							
		1525	WG-05072013-JR-MW144S2/S3	WG	8	X	X	X	X							
		1540	WG-05072013-MC-MW136S2/S3	WG	8	X	X	X	X							
		1625	WG-05072013-JR-MW145S2/S3	WG	8	X	X	X	X							
		1625	WG-05072013-MC-MW139S2/S3	WG	8	X	X	X	X							
		-	TB-05072013	-	3	X										
			TOTAL NUMBER OF CONTAINERS													

RELINQUISHED BY: ① [signature]	DATE: 5/8/13 TIME: 13:30	RECEIVED BY: ② [signature]	DATE: 5813 TIME: 1405
RELINQUISHED BY: ② [signature]	DATE: 5813 TIME: 1655	RECEIVED BY: ③ [signature]	DATE: 5-8-13 TIME: 1658
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ④	DATE: TIME:

METHOD OF SHIPMENT: **AIR BILL No.**

White -Fully Executed Copy
Yellow -Receiving Laboratory Copy
Pink -Shipper Copy
Goldenrod -Sampler Copy

SAMPLE TEAM: JEREMY RAYE, MARK COX

RECEIVED FOR LABORATORY BY: 6247

DATE: TIME:

1001-00(SOURCE)GN-CO004

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110858

Client Name: CRA

CAS File No.: 7775

Sample ID's in cooler: See COC

144 52/53 4LA

135 52/53 4LA, 250P

139 52/53 3LA, 500

Cooler 1 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: 1640 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 8 / 13 16 : 55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.2 Corrected Reading (°C) 1.7

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

mws 5-8-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110858

Client Name: CRA

CAS File No.: 7775

Sample ID's in cooler: See COC

13652/53 YLA - 250P
139 52/53 LA
145 52/53 LA, 250P
13551 3LA, 250P
144 52/53 - 250P

Cooler 2 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: 2148 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 8 / 13 16 : 55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:
Seal Name: Seal Date:
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 2.3 Corrected Reading (°C) 2.8

MW 5-8-13

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☐ No ☒ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☒ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies:

Detail to discrepancies/comments: 1 LA - no label - sample by process of elimination should be 13551

Completed by: MWJ Date Completed: 5-9-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110858

Client Name: CRA

CAS File No.: 7725

Sample ID's in cooler: See COC

13852/53, 13851 4LA

FD1 3LA

Cooler 3 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3508 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 8 / 13 16 : 55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 3.0 Corrected Reading (°C) 3.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

MWS 5-8-13

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MW Date Completed: 5-9-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110858

Client Name: CRA

CAS File No.: 7775

Sample ID's in cooler: See COC

Field Dup LA, 250P

MW 2151 - 2LA 250P

MW 2153 6LA 250P

MW 12852/53 MW 13857 250P

Cooler 4 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 8 / 13 16 : 55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.6

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

MW 5-8-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☐ No ☒ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☒ Other discrepancies: _____

Detail to discrepancies/comments: 2151 - 2 Ltam labeled 2153 times match

Completed by: MW Date Completed: 5-9-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110858

Client Name: CRA

CAS File No.: 7775

Sample ID's in cooler: 5 - COC

MW145152 53 32A

VOC's

Cooler 5 **of** 5 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 8 / 13 16 : 55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.8 Corrected Reading (°C) 3.3

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

MWS 5-9-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS **Date Completed:** 5-9-13

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/10/2013 1340
Continental File No.: 7775
Continental Order No.: 110928
Project ID: 054046/042407
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 62 pages for the analytical report, 3 page(s) for the chain of custody and/or analysis request, and 12 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13050829	WG-05082013-JR-MW134S2	Liquid	5/8/2013
13050830	WG-05082013-JR-MW134S3	Liquid	5/8/2013
13050831	WG-05092013-JR-MW04S3	Liquid	5/9/2013
13050832	WG-05092013-JR-MW04S1	Liquid	5/9/2013
13050833	WG-05092013-JR-MW131S3	Liquid	5/9/2013
13050834	WG-05092013-JR-MW131S2	Liquid	5/9/2013
13050835	WG-05092013-JR-MW132S1	Liquid	5/9/2013
13050836	WG-05092013-JR-MW132S2/S3	Liquid	5/9/2013
13050837	WG-05102013-JR-MW20S1	Liquid	5/10/2013
13050838	WG-05102013-JR-MW20S3	Liquid	5/10/2013
13050839	WG-05102013-JR-FD03	Liquid	5/10/2013
13050840	WG-05102013-JR-MW31S1	Liquid	5/10/2013
13050841	WG-05092013-MC-MW137S1	Liquid	5/9/2013
13050842	WG-05092013-MC-MW25S1	Liquid	5/9/2013
13050843	WG-05092013-MC-Field Dup 2	Liquid	5/9/2013
13050844	WG-05092013-MC-AMW-01	Liquid	5/9/2013
13050845	WG-05092013-MC-AMW-102D	Liquid	5/9/2013
13050846	WG-05092013-MC-AMW-102S	Liquid	5/9/2013
13050847	WG-05092013-MC-IW41	Liquid	5/9/2013
13050848	Trip Blank-05092013-TB	Liquid	5/9/2013
13050849	WG-05082013-MC-MW137S3	Liquid	5/8/2013
13050850	WG-05082013-MC-MW137S2	Liquid	5/8/2013

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National

Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050829
Sample Description: WG-05082013-JR-MW134S2

Date Sampled: 05/08/2013
Time Sampled: 1410

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	231	mg/L as CaCO3	7157/581
Chloride	58	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 2309	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 2309	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1032	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/16/13 2330	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1401	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0408	130516-3	14IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2036	2IC1141	4IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050829

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050830
Sample Description: WG-05082013-JR-MW134S3

Date Sampled: 05/08/2013
Time Sampled: 1555

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	286	mg/L as CaCO3	7157/581
Chloride	55	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/17/13 2349	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/17/13 2349	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1114	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0016	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1427	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0412	130516-3	14IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2049	2IC1141	4IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050830

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050831
Sample Description: WG-05092013-JR-MW04S3

Date Sampled: 05/09/2013
Time Sampled: 0940

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	0.226	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/72
1,2-Dichloroethane	ND(0.5)	µg/L	7348/72
Benzene	ND(0.5)	µg/L	7348/72
Carbon tetrachloride	ND(0.5)	µg/L	7348/72
Chloroform	ND(0.5)	µg/L	7348/72
Chloromethane	ND(0.5)	µg/L	7348/72
Methylene chloride	ND(0.5)	µg/L	7348/72
Tetrachloroethylene	ND(0.5)	µg/L	7348/72
Trichloroethylene	ND(0.5)	µg/L	7348/72
Vinyl chloride	ND(0.5)	µg/L	7348/72
1,2-Dichloropropane	ND(0.5)	µg/L	7348/72
Hardness (Calculated)	133	mg/L as CaCO3	7157/581
Chloride	38.3	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0028	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0028	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1156	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0102	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/14/13 2153	1MS5134	1MS5134	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0424	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2102	2IC1141	4IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050831

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050832
Sample Description: WG-05092013-JR-MW04S1

Date Sampled: 05/09/2013
Time Sampled: 1105

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	168	mg/L as CaCO3	7157/581
Chloride	34	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0226	130514-1	2NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0226	130514-1	2NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1403	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0319	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1519	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0441	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2205	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050832

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050833
Sample Description: WG-05092013-JR-MW131S3

Date Sampled: 05/09/2013
Time Sampled: 1215

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	0.038	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	250.	mg/L as CaCO3	7157/581
Chloride	73	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0345	130514-1	3NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0345	130514-1	3NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1445	130513-2	2EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0404	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1545	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0445	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2218	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050833

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050834
Sample Description: WG-05092013-JR-MW131S2

Date Sampled: 05/09/2013
Time Sampled: 1315

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	348	mg/L as CaCO3	7157/581
Chloride	91	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0424	130514-1	3NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0424	130514-1	3NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1609	130513-2	3EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0450	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1610	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0449	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2231	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050834

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050835
Sample Description: WG-05092013-JR-MW132S1

Date Sampled: 05/09/2013
Time Sampled: 1535

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	306	mg/L as CaCO3	7157/581
Chloride	56	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0503	130514-1	3NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0503	130514-1	3NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1651	130513-2	3EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0535	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1636	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0454	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2243	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050835

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050836
Sample Description: WG-05092013-JR-MW132S2/S3

Date Sampled: 05/09/2013
Time Sampled: 1615

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	221	mg/L as CaCO3	7157/581
Chloride	11.4	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 1921	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 1921	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 1813	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1042	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1702	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0458	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2256	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050836

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050837
Sample Description: WG-05102013-JR-MW20S1

Date Sampled: 05/10/2013
Time Sampled: 0900

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	252	mg/L as CaCO3	7157/581
Chloride	22.1	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 2000	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 2000	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 1855	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1128	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1728	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0502	130516-3	15IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2309	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050837

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050838
Sample Description: WG-05102013-JR-MW20S3

Date Sampled: 05/10/2013
Time Sampled: 0945

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(1)	µg/L	7348/71
1,2-Dichloroethane	ND(1)	µg/L	7348/71
Benzene	ND(1)	µg/L	7348/71
Carbon tetrachloride	60.2	µg/L	7348/71
Chloroform	2	µg/L	7348/71
Chloromethane	ND(1)	µg/L	7348/71
Methylene chloride	ND(1)	µg/L	7348/71
Tetrachloroethylene	ND(1)	µg/L	7348/71
Trichloroethylene	ND(1)	µg/L	7348/71
Vinyl chloride	ND(1)	µg/L	7348/71
1,2-Dichloropropane	ND(1)	µg/L	7348/71
Hardness (Calculated)	288	mg/L as CaCO3	7157/581
Chloride	80.	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 2040	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 2040	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 1937	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1214	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1754	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0515	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2321	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050838

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050839
Sample Description: WG-05102013-JR-FD03

Date Sampled: 05/10/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	252	mg/L as CaCO3	7157/581
Chloride	22.3	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 2119	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 2119	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 2019	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1300	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1820	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0519	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2334	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050839

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050840
Sample Description: WG-05102013-JR-MW31S1

Date Sampled: 05/10/2013
Time Sampled: 1110

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	0.021	µg/L	7360/24
B-BHC	0.292	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(2)	µg/L	7348/71
1,2-Dichloroethane	ND(2)	µg/L	7348/71
Benzene	ND(2)	µg/L	7348/71
Carbon tetrachloride	141	µg/L	7348/71
Chloroform	7.6	µg/L	7348/71
Chloromethane	ND(2)	µg/L	7348/71
Methylene chloride	ND(2)	µg/L	7348/71
Tetrachloroethylene	ND(2)	µg/L	7348/71
Trichloroethylene	ND(2)	µg/L	7348/71
Vinyl chloride	ND(2)	µg/L	7348/71
1,2-Dichloropropane	ND(2)	µg/L	7348/71
Hardness (Calculated)	352	mg/L as CaCO3	7157/581
Chloride	237	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 2158	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 2158	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 2101	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1347	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1845	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0523	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/21/13 2347	2IC1141	5IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050840

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050841
Sample Description: WG-05092013-MC-MW137S1

Date Sampled: 05/09/2013
Time Sampled: 0845

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	230.	mg/L as CaCO3	7157/581
Chloride	14.6	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 2238	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 2238	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 2144	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1433	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1911	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0528	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 0025	2IC1141	6IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050841

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050842
Sample Description: WG-05092013-MC-MW25S1

Date Sampled: 05/09/2013
Time Sampled: 0950

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	314	mg/L as CaCO3	7157/581
Chloride	53	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/21/13 2317	130515-2	1NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/21/13 2317	130515-2	1NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 2226	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1519	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1937	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0532	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 0037	2IC1141	6IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050842

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050843
Sample Description: WG-05092013-MC-Field Dup 2

Date Sampled: 05/09/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10)	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	321	mg/L as CaCO3	7157/581
Chloride	53	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/22/13 0035	130515-2	2NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/22/13 0035	130515-2	2NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/21/13 2308	130516-1	1EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1605	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 2003	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0536	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 0050	2IC1141	6IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050843

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050844
Sample Description: WG-05092013-MC-AMW-01

Date Sampled: 05/09/2013
Time Sampled: 1050

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10) QC	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	289	mg/L as CaCO3	7157/581
Chloride	71	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/22/13 0115	130515-2	2NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/22/13 0115	130515-2	2NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/22/13 0032	130516-1	2EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1651	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 2029	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0540	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 0103	2IC1141	6IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050844

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050845
Sample Description: WG-05092013-MC-AMW-102D

Date Sampled: 05/09/2013
Time Sampled: 1240

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10) QC	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/169
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/169
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/169
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/169
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/169
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/169
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/169
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/169
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/169
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	328	mg/L as CaCO3	7157/581
Chloride	84	mg/L	7276/169

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/22/13 0154	130515-2	2NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/22/13 0154	130515-2	2NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/22/13 0114	130516-1	2EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1738	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 2055	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0545	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 0116	2IC1141	6IC1141	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050845

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050846
Sample Description: WG-05092013-MC-AMW-102S

Date Sampled: 05/09/2013
Time Sampled: 1300

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	ND(0.037)	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02)	µg/L	7360/24
Hexachlorobenzene	ND(0.10) QC	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	258	mg/L as CaCO3	7157/581
Chloride	42	mg/L	7276/170

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/22/13 0233	130515-2	2NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/22/13 0233	130515-2	2NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/22/13 0156	130516-1	2EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 1824	130516-2	1MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 2120	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0913	05/21/13 0549	130516-3	16IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 1826	1IC1142	4IC1142	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050846

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050847
Sample Description: WG-05092013-MC-IW41

Date Sampled: 05/09/2013
Time Sampled: 1345

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/23
Pentachlorophenol	ND(0.5)	µg/L	7370/23
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/24
B-BHC	0.462	µg/L	7360/24
G-BHC	ND(0.052)	µg/L	7360/24
Hexachloroethane	ND(0.02)	µg/L	7360/24
Hexachlorobutadiene	ND(0.02) QC	µg/L	7360/24
Hexachlorobenzene	ND(0.10) QC	µg/L	7360/24
D-BHC	ND(0.05)	µg/L	7360/24
OXY GC/MS Acids	QC		
2-Chlorophenol	ND(5.0)	µg/L	7326/167
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/167
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,5-Dichlorophenol	ND(5.0) QC	µg/L	7326/167
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/167
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/167
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/167
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	305	mg/L as CaCO3	7157/581
Chloride	114	mg/L	7276/170

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/15/13 1615	05/22/13 0312	130515-2	2NX5141	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/15/13 1615	05/22/13 0312	130515-2	2NX5141	JMM	8151A(M)
OXY Chlorinated Hyd.	05/16/13 0930	05/22/13 0238	130516-1	2EX3141	JMM	8121
OXY GC/MS Acids	05/16/13 1300	05/21/13 2055	130516-2	2MS6141	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 2146	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0614	130516-4	17IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 1839	1IC1142	4IC1142	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050847

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050848
Sample Description: Trip Blank-05092013-TB

Date Sampled: 05/09/2013
Time Sampled:

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/13/13 2304	1MS5133	1MS5133	RKR	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13050848

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050849
Sample Description: WG-05082013-MC-MW137S3

Date Sampled: 05/08/2013
Time Sampled: 1440

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/71
1,2-Dichloroethane	ND(0.5)	µg/L	7348/71
Benzene	ND(0.5)	µg/L	7348/71
Carbon tetrachloride	ND(0.5)	µg/L	7348/71
Chloroform	ND(0.5)	µg/L	7348/71
Chloromethane	ND(0.5)	µg/L	7348/71
Methylene chloride	ND(0.5)	µg/L	7348/71
Tetrachloroethylene	ND(0.5)	µg/L	7348/71
Trichloroethylene	ND(0.5)	µg/L	7348/71
Vinyl chloride	ND(0.5)	µg/L	7348/71
1,2-Dichloropropane	ND(0.5)	µg/L	7348/71
Hardness (Calculated)	285	mg/L as CaCO3	7157/581
Chloride	57	mg/L	7276/171

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0542	130514-1	3NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0542	130514-1	3NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1734	130513-2	3EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0621	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/13/13 1453	1MS5133	1MS5133	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0631	130516-4	17IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/23/13 1023	1IC1143	1IC1143	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050849

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Lab Number: 13050850
Sample Description: WG-05082013-MC-MW137S2

Date Sampled: 05/08/2013
Time Sampled: 1530

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/22
Pentachlorophenol	ND(0.5)	µg/L	7370/22
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/23
B-BHC	ND(0.037)	µg/L	7360/23
G-BHC	ND(0.052)	µg/L	7360/23
Hexachloroethane	ND(0.02)	µg/L	7360/23
Hexachlorobutadiene	ND(0.02)	µg/L	7360/23
Hexachlorobenzene	ND(0.10)	µg/L	7360/23
D-BHC	ND(0.05)	µg/L	7360/23
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/166
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/166
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/166
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/166
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/166
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/72
1,2-Dichloroethane	ND(0.5)	µg/L	7348/72
Benzene	ND(0.5)	µg/L	7348/72
Carbon tetrachloride	ND(0.5)	µg/L	7348/72
Chloroform	ND(0.5)	µg/L	7348/72
Chloromethane	ND(0.5)	µg/L	7348/72
Methylene chloride	ND(0.5)	µg/L	7348/72
Tetrachloroethylene	ND(0.5)	µg/L	7348/72
Trichloroethylene	ND(0.5)	µg/L	7348/72
Vinyl chloride	ND(0.5)	µg/L	7348/72
1,2-Dichloropropane	ND(0.5)	µg/L	7348/72
Hardness (Calculated)	277	mg/L as CaCO3	7157/581
Chloride	21.1	mg/L	7276/170

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/14/13 0740	05/18/13 0622	130514-1	3NX5137	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/14/13 0740	05/18/13 0622	130514-1	3NX5137	JMM	8151A(M)
OXY Chlorinated Hyd.	05/13/13 0900	05/16/13 1816	130513-2	3EX3136	JMM	8121
OXY GC/MS Acids	05/14/13 1130	05/17/13 0706	130514-2	2MS6136	BLP	8270C
OXY Volatiles by 8260	N/A	05/14/13 2311	1MS5134	1MS5134	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0635	130516-4	17IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/22/13 1930	1IC1142	4IC1142	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13050850

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

QC - QC data qualifiers were noted. See the Quality Control Report.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130514-1	130514BLK1 05/17/13 1359	130514LCS1 05/17/13 1438	13050831MS 05/18/13 0107

Lab numbers associated with this batch:
13050829 13050830 13050831 13050832 13050833 13050834 13050835 13050849 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130515-2	130515BLK2 05/21/13 1802	130515LCS2 05/21/13 1842	13050847MS 05/22/13 0351

Lab numbers associated with this batch:
13050836 13050837 13050838 13050839 13050840 13050841 13050842 13050843 13050844 13050845 13050846
13050847

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130514-1	130514BLK1 05/17/13 1359	130514LCS1 05/17/13 1438	13050831MS 05/18/13 0107

Lab numbers associated with this batch:
13050829 13050830 13050831 13050832 13050833 13050834 13050835 13050849 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130515-2	130515BLK2 05/21/13 1802	130515LCS2 05/21/13 1842	13050847MS 05/22/13 0351

Lab numbers associated with this batch:
13050836 13050837 13050838 13050839 13050840 13050841 13050842 13050843 13050844 13050845 13050846
13050847

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130513-2	130513BLK2 05/16/13 0043	130513LCS2 05/16/13 0125	13050831MS 05/16/13 1238

Lab numbers associated with this batch:
13050829 13050830 13050831 13050832 13050833 13050834 13050835 13050849 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130516-1	130516BLK1 05/21/13 1648	130516LCS1 05/21/13 1730	13050847MS 05/22/13 0320

Lab numbers associated with this batch:
13050836 13050837 13050838 13050839 13050840 13050841 13050842 13050843 13050844 13050845 13050846
13050847

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130514-2	130514BLK2 05/16/13 1150	130514LCS2 05/16/13 1236	13050831MS 05/17/13 0148

Lab numbers associated with this batch:
13050829 13050830 13050831 13050832 13050833 13050834 13050835 13050849 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130516-2	130516BLK2 05/21/13 0910	130516LCS2 05/21/13 0956	13050847MS 05/21/13 2141

Lab numbers associated with this batch:
13050836 13050837 13050838 13050839 13050840 13050841 13050842 13050843 13050844 13050845 13050846
13050847

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5133	BLK1MS5133 05/13/13 1335	LCS1MS5133 05/13/13 1309	13050847MS 05/13/13 2212

Lab numbers associated with this batch:
13050829 13050830 13050832 13050833 13050834 13050835 13050836 13050837 13050838 13050839 13050840
13050841 13050842 13050843 13050844 13050845 13050846 13050847 13050848 13050849

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5134	BLK1MS5134 05/14/13 1432	LCS1MS5134 05/14/13 1340	13050831MS 05/14/13 2219

Lab numbers associated with this batch:
13050831 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
SL323	Hardness (Calculated)	130516-3	130516BLK3 05/21/13 0359	130516LCS3 05/21/13 0403	13050831MS 05/21/13 0429

Lab numbers associated with this batch:
13050829 13050830 13050831 13050832 13050833 13050834 13050835 13050836 13050837 13050838 13050839
13050840 13050841 13050842 13050843 13050844 13050845 13050846

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
SL323	Hardness (Calculated)	130516-4	130516BLK4 05/21/13 0553	130516LCS4 05/21/13 0606	13050847MS 05/21/13 0618

Lab numbers associated with this batch:
13050847 13050849 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	1IC1142	BLK1IC1142 05/22/13 1632	LCS1IC1142 05/22/13 1645	13050847MS 05/22/13 1852

Lab numbers associated with this batch:
13050846 13050847 13050850

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	1IC1143	BLK1IC1143 05/23/13 0958	LCS1IC1143 05/23/13 1011	13050885MS 05/23/13 1333

Lab numbers associated with this batch:
13050849

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	2IC1141	BLK2IC1141 05/21/13 1842	LCS2IC1141 05/21/13 1920	13050831MS 05/21/13 2114

Lab numbers associated with this batch:
13050829 13050830 13050831 13050832 13050833 13050834 13050835 13050836 13050837 13050838 13050839
13050840 13050841 13050842 13050843 13050844 13050845

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130513-2	**For samples prepared on: 05/13/2013 0900**					**Spiked sample: 13050831**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	114	83.9-128	0.50	µg/L	99.6	106	84.0-131	0.50	µg/L	8.80	13.0
B-BHC	ND(0.037)	109	83.5-129	0.50	µg/L	93.0	98.8	83.7-129	0.50	µg/L	5.90	13.2
G-BHC	ND(0.052)	116	83.6-128	0.50	µg/L	103	110.	82.4-131	0.50	µg/L	9.40	13.2
Hexachloroethane	ND(0.02)	105	57.2-125	0.50	µg/L	79.6	88.6	40.1-127	0.50	µg/L	13.3	18.6
Hexachlorobutadiene	ND(0.02)	114	51.9-126	0.50	µg/L	84.8	92.4	37.5-125	0.50	µg/L	11.2	21.3
Hexachlorobenzene	ND(0.10)	123	74.7-127	0.50	µg/L	101	107	72.6-127	0.50	µg/L	8.40	15.4
D-BHC	ND(0.05)	126	78.7-146	0.50	µg/L	115	121	78.0-148	0.50	µg/L	7.70	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	77.1	89.5	53.9-120	8.0	µg/L	79.7	86.1	53.9-120	8.0	µg/L		
QC Batch: 130514-1	**For samples prepared on: 05/14/2013 0740**					**Spiked sample: 13050831**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	81.1	77.6-131	4.0	µg/L	86.5	84.1	78.6-129	4.0	µg/L	1.80	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	77.9	105	70.5-128	5.0	µg/L	111	107	70.5-128	5.0	µg/L		
QC Batch: 130514-1	**For samples prepared on: 05/14/2013 0740**					**Spiked sample: 13050831**						
Pentachlorophenol	ND(0.5)	101	72.0-127	4.0	µg/L	106	102	13.9-147	4.0	µg/L	2.80	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	77.9	105	70.5-128	5.0	µg/L	111	107	70.5-128	5.0	µg/L		
QC Batch: 130514-2	**For samples prepared on: 05/14/2013 1130**					**Spiked sample: 13050831**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	86.9	73.0-97.8	50.0	µg/L	82.2	83.9	69.5-101	50.0	µg/L	2.50	11.9
3-& 4-Chlorophenol	ND(5.0)	74.6	61.2-86.6	50.0	µg/L	72.7	71.8	59.9-90.4	50.0	µg/L	0.70	11.8
2,4-Dichlorophenol	ND(5.0)	89.2	73.1-116	50.0	µg/L	88.6	87.1	72.2-118	50.0	µg/L	1.30	18.7
2,5-Dichlorophenol	ND(5.0)	91.2	72.9-112	50.0	µg/L	86.5	89.1	82.6-107	50.0	µg/L	3.50	16.2
2,6-Dichlorophenol	ND(5.0)	91.5	81.0-110	50.0	µg/L	88.3	87.1	78.8-114	50.0	µg/L	0.80	10.7
2,4,5-Trichlorophenol	ND(5.0)	93.7	79.1-115	50.0	µg/L	89.0	88.6	77.6-118	50.0	µg/L	0.20	11.7
2,4,6-Trichlorophenol	ND(5.0)	92.0	80.4-117	50.0	µg/L	86.5	90.2	78.1-121	50.0	µg/L	4.70	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	90.3 CE	65.5-129	100	µg/L	87.1 CE	87.8 CE	66.2-131	100	µg/L	1.30	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	90.3 CE	64.5-131	100	µg/L	87.1 CE	87.8 CE	63.8-134	100	µg/L	1.30	13.1
Surrogates:												
PHENOL-d6	37.5	37.7	21.7-41.8	150	µg/L	35.0	34.9	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	56.1	57.0	36.2-67.8	150	µg/L	53.9	53.8	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	78.9	96.9	62.3-129	150	µg/L	93.7	96.0	62.3-129	150	µg/L		
QC Batch: 130515-2	**For samples prepared on: 05/15/2013 1615**					**Spiked sample: 13050847**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	99.8	77.6-131	4.0	µg/L	93.3	92.7	78.6-129	4.0	µg/L	0.50	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	89.5	104	70.5-128	5.0	µg/L	99.1	99.8	70.5-128	5.0	µg/L		
QC Batch: 130515-2	**For samples prepared on: 05/15/2013 1615**					**Spiked sample: 13050847**						
Pentachlorophenol	ND(0.5)	96.0	72.0-127	4.0	µg/L	90.8	90.0	13.9-147	4.0	µg/L	0.90	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	89.5	104	70.5-128	5.0	µg/L	99.1	99.8	70.5-128	5.0	µg/L		
QC Batch: 130516-1	**For samples prepared on: 05/16/2013 0930**					**Spiked sample: 13050847**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	108	83.9-128	0.50	µg/L	104	104	84.0-131	0.50	µg/L	0.60	13.0
B-BHC	ND(0.037)	101	83.5-129	0.50	µg/L	98.1	96.1	83.7-129	0.50	µg/L	1.10	13.2
G-BHC	ND(0.052)	105	83.6-128	0.50	µg/L	107	107	82.4-131	0.50	µg/L	0.60	13.2

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130516-1	**For samples prepared on: 05/16/2013 0930**					**Spiked sample: 13050847**						
Hexachloroethane	ND(0.02)	94.8	57.2-125	0.50	µg/L	89.6	78.8	40.1-127	0.50	µg/L	12.8	18.6
Hexachlorobutadiene	ND(0.02)	107	51.9-126	0.50	µg/L	102	81.6 MP	37.5-125	0.50	µg/L	21.8	21.3
Hexachlorobenzene	ND(0.10)	116	74.7-127	0.50	µg/L	115	106	72.6-127	0.50	µg/L	7.80	15.4
D-BHC	ND(0.05)	121	78.7-146	0.50	µg/L	122	123	78.0-148	0.50	µg/L	0.20	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	75.2	83.5	53.9-120	8.0	µg/L	80.9	82.7	53.9-120	8.0	µg/L		
QC Batch: 130516-2	**For samples prepared on: 05/16/2013 1300**					**Spiked sample: 13050847**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	80.4	73.0-97.8	50.0	µg/L	83.3	78.0	69.5-101	50.0	µg/L	6.10	11.9
3-& 4-Chlorophenol	ND(5.0)	72.3	61.2-86.6	50.0	µg/L	71.9	66.9	59.9-90.4	50.0	µg/L	6.80	11.8
2,4-Dichlorophenol	ND(5.0)	88.9	73.1-116	50.0	µg/L	88.1	83.9	72.2-118	50.0	µg/L	4.40	18.7
2,5-Dichlorophenol	ND(5.0)	84.9	72.9-112	50.0	µg/L	86.3	79.7 ML	82.6-107	50.0	µg/L	7.50	16.2
2,6-Dichlorophenol	ND(5.0)	86.6	81.0-110	50.0	µg/L	87.9	83.9	78.8-114	50.0	µg/L	4.10	10.7
2,4,5-Trichlorophenol	ND(5.0)	87.9	79.1-115	50.0	µg/L	88.7	86.6	77.6-118	50.0	µg/L	1.90	11.7
2,4,6-Trichlorophenol	ND(5.0)	88.2	80.4-117	50.0	µg/L	89.6	84.4	78.1-121	50.0	µg/L	5.50	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	84.7 CE	65.5-129	100	µg/L	89.1 CE	81.1 CE	66.2-131	100	µg/L	8.90	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	84.7 CE	64.5-131	100	µg/L	89.1 CE	81.1 CE	63.8-134	100	µg/L	8.90	13.1
Surrogates:												
PHENOL-d6	34.4	35.9	21.7-41.8	150	µg/L	34.4	33.0	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	51.3	54.6	36.2-67.8	150	µg/L	53.5	49.9	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	80.2	93.5	62.3-129	150	µg/L	94.9	86.4	62.3-129	150	µg/L		
QC Batch: 130516-3	**For samples prepared on: 05/16/2013 0913**					**Spiked sample: 13050831**						
Hardness (Calculated)	ND(5.0)	96.8	80.0-120	337	mg/L a	98.0	96.4	80.0-120	337	mg/L a	1.10	20.0
QC Batch: 130516-4	**For samples prepared on: 05/16/2013 0947**					**Spiked sample: 13050847**						
Hardness (Calculated)	ND(5.0)	99.6	80.0-120	337	mg/L a	90.5	95.8	80.0-120	337	mg/L a	2.90	20.0
QC Batch: 1IC1142	**For sample analyzed on: 05/22/2013**					**Spiked sample: 13050847**						
Chloride	ND(1.0)	94.5	90.0-110	4.0	mg/L	75.6	79.9	74.5-127	40.0	mg/L	1.20	5.3
QC Batch: 1IC1143	**For sample analyzed on: 05/23/2013**					**Spiked sample: 13050885**						
Chloride	ND(1.0)	95.1	90.0-110	4.0	mg/L	MN	MN	74.5-127		mg/L	**	5.3
QC Batch: 1MS5133	**For sample analyzed on: 05/13/2013**					**Spiked sample: 13050847**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	102	81.5-118	10.0	µg/L	103	108	78.1-121	10.0	µg/L	5.00	10.7
1,2-Dichloroethane	ND(0.5)	102	69.8-120	10.0	µg/L	110.	110.	68.0-125	10.0	µg/L	0.60	10.8
Benzene	ND(0.5)	98.6	82.7-115	10.0	µg/L	106	107	80.1-119	10.0	µg/L	1.60	6.8
Carbon tetrachloride	ND(0.5)	104	80.9-128	10.0	µg/L	105	105	72.6-132	10.0	µg/L	0.50	10.6
Chloroform	ND(0.5)	94.9	76.9-118	10.0	µg/L	96.4	100.	73.8-122	10.0	µg/L	3.80	8.7
Chloromethane	ND(0.5)	104	70.6-125	10.0	µg/L	112	121	62.8-132	10.0	µg/L	7.90	13.5
Methylene chloride	ND(0.5)	96.5	76.1-114	10.0	µg/L	100.	104	74.3-118	10.0	µg/L	4.00	10.5
Tetrachloroethylene	ND(0.5)	104	84.5-126	10.0	µg/L	105	106	81.2-125	10.0	µg/L	0.30	10.1
Trichloroethylene	ND(0.5)	101	82.0-113	10.0	µg/L	109	109	79.3-117	10.0	µg/L	0.0	8.7
Vinyl chloride	ND(0.5)	107	72.1-130	10.0	µg/L	114	123	66.9-134	10.0	µg/L	8.20	14.4
1,2-Dichloropropane	ND(0.5)	98.8	78.6-113	10.0	µg/L	105	104	76.4-118	10.0	µg/L	1.30	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	103	103	73.2-126	10.0	µg/L	108	108	73.2-126	10.0	µg/L		
TOLUENE-d8	103	109	88.6-116	10.0	µg/L	110.	107	88.6-116	10.0	µg/L		

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS5134	**For sample analyzed on: 05/14/2013**					**Spiked sample: 13050831**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	103	81.5-118	10.0	µg/L	104	109	78.1-121	10.0	µg/L	4.60	10.7
1,2-Dichloroethane	ND(0.5)	108	69.8-120	10.0	µg/L	110.	112	68.0-125	10.0	µg/L	2.00	10.8
Benzene	ND(0.5)	102	82.7-115	10.0	µg/L	107	107	80.1-119	10.0	µg/L	0.40	6.8
Carbon tetrachloride	ND(0.5)	105	80.9-128	10.0	µg/L	105	103	72.6-132	10.0	µg/L	2.70	10.6
Chloroform	ND(0.5)	94.3	76.9-118	10.0	µg/L	98.8	100.	73.8-122	10.0	µg/L	1.30	8.7
Chloromethane	ND(0.5)	107	70.6-125	10.0	µg/L	112	122	62.8-132	10.0	µg/L	8.10	13.5
Methylene chloride	ND(0.5)	97.8	76.1-114	10.0	µg/L	96.7	107	74.3-118	10.0	µg/L	9.70	10.5
Tetrachloroethylene	ND(0.5)	106	84.5-126	10.0	µg/L	100.	102	81.2-125	10.0	µg/L	1.40	10.1
Trichloroethylene	ND(0.5)	104	82.0-113	10.0	µg/L	111	109	79.3-117	10.0	µg/L	1.50	8.7
Vinyl chloride	ND(0.5)	107	72.1-130	10.0	µg/L	113	121	66.9-134	10.0	µg/L	7.40	14.4
1,2-Dichloropropane	ND(0.5)	103	78.6-113	10.0	µg/L	103	104	76.4-118	10.0	µg/L	0.60	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	101	106	73.2-126	10.0	µg/L	109	109	73.2-126	10.0	µg/L		
TOLUENE-d8	106	110.	88.6-116	10.0	µg/L	106	105	88.6-116	10.0	µg/L		
QC Batch: 2IC1141	**For sample analyzed on: 05/21/2013**					**Spiked sample: 13050831**						
Chloride	ND(1.0)	96.9	90.0-110	4.0	mg/L	I	I	74.5-127		mg/L	**	5.3

Data Qualifiers:

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

ML - The matrix spike and/or matrix spike duplicate recovery for this analyte was below the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

I - Due to the concentration of analyte in the sample, the spike level is too low to allow accurate quantification of the spike recovery.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050829		**Sample Description:WG-05082013-JR-MW134S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	92.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	92.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	76.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/16/2013	150	µg/L	32.5	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/16/2013	150	µg/L	49.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/16/2013	150	µg/L	71.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	105	88.6-116
Lab Number: 13050830		**Sample Description:WG-05082013-JR-MW134S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	86.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/17/2013	5.0	µg/L	86.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	77.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	31.9	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	47.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	72.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	98.1	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	102	88.6-116
Lab Number: 13050831		**Sample Description:WG-05092013-JR-MW04S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	74.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	74.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	83.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	32.9	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	50.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	72.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/14/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/14/2013	10	µg/L	101	88.6-116
Lab Number: 13050832		**Sample Description:WG-05092013-JR-MW04S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	89.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	89.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	71.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	33.3	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050832		**Sample Description:WG-05092013-JR-MW04S1**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	50.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	75.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	101	88.6-116
Lab Number: 13050833		**Sample Description:WG-05092013-JR-MW131S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	92.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	92.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	76.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	32.4	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	49.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	74.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	105	88.6-116
Lab Number: 13050834		**Sample Description:WG-05092013-JR-MW131S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	90.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	90.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	77.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	33.7	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	49.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	77.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	104	88.6-116
Lab Number: 13050835		**Sample Description:WG-05092013-JR-MW132S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	99.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	99.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	76.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	32.3	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	48.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	74.2	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	98.0	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	103	88.6-116
Lab Number: 13050836		**Sample Description:WG-05092013-JR-MW132S2/S3**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050836		**Sample Description:WG-05092013-JR-MW132S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	89.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	89.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	77.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	34.9	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	54.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	86.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	99.8	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	105	88.6-116
Lab Number: 13050837		**Sample Description:WG-05102013-JR-MW20S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	93.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	93.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	80.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	33.9	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	49.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	89.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	102	88.6-116
Lab Number: 13050838		**Sample Description:WG-05102013-JR-MW20S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	93.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	93.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	80.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	34.3	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	51.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	84.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	20	µg/L	99.8	73.2-126
TOLUENE-d8		05/13/2013	20	µg/L	104	88.6-116
Lab Number: 13050839		**Sample Description:WG-05102013-JR-FD03**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	92.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	92.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	70.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	33.2	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050839		**Sample Description:WG-05102013-JR-FD03**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	51.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	88.7	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	103	88.6-116
Lab Number: 13050840		**Sample Description:WG-05102013-JR-MW31S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	81.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	81.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	76.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	36.0	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	53.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	85.7	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	40	µg/L	104	73.2-126
TOLUENE-d8		05/13/2013	40	µg/L	104	88.6-116
Lab Number: 13050841		**Sample Description:WG-05092013-MC-MW137S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	95.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	95.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	80.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	34.2	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	52.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	86.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	105	88.6-116
Lab Number: 13050842		**Sample Description:WG-05092013-MC-MW25S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	84.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/21/2013	5.0	µg/L	84.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	73.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	33.5	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	48.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	84.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	104	88.6-116
Lab Number: 13050843		**Sample Description:WG-05092013-MC-Field Dup 2**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050843		**Sample Description:WG-05092013-MC-Field Dup 2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	77.9	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	77.9	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/21/2013	8.0	µg/L	74.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	32.3	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	48.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	79.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	103	88.6-116
Lab Number: 13050844		**Sample Description:WG-05092013-MC-AMW-01**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	92.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	92.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/22/2013	8.0	µg/L	78.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	31.9	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	48.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	84.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	103	88.6-116
Lab Number: 13050845		**Sample Description:WG-05092013-MC-AMW-102D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	86.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	86.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/22/2013	8.0	µg/L	77.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	33.7	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	50.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	81.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	105	88.6-116
Lab Number: 13050846		**Sample Description:WG-05092013-MC-AMW-102S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	100.	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	100.	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/22/2013	8.0	µg/L	79.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	29.8	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050846		**Sample Description:WG-05092013-MC-AMW-102S**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	43.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	77.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	102	88.6-116
Lab Number: 13050847		**Sample Description:WG-05092013-MC-IW41**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	84.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/15/2013	05/22/2013	5.0	µg/L	84.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/16/2013	05/22/2013	8.0	µg/L	76.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/16/2013	05/21/2013	150	µg/L	33.6	21.7-41.8
2-FLUOROPHENOL	05/16/2013	05/21/2013	150	µg/L	51.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/16/2013	05/21/2013	150	µg/L	79.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	111	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	101	88.6-116
Lab Number: 13050848		**Sample Description:Trip Blank-05092013-TB**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	97.7	88.6-116
Lab Number: 13050849		**Sample Description:WG-05082013-MC-MW137S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	88.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	88.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	80.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	31.4	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	48.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	72.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/13/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/13/2013	10	µg/L	107	88.6-116
Lab Number: 13050850		**Sample Description:WG-05082013-MC-MW137S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	93.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/14/2013	05/18/2013	5.0	µg/L	93.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/13/2013	05/16/2013	8.0	µg/L	78.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/14/2013	05/17/2013	150	µg/L	31.5	21.7-41.8
2-FLUOROPHENOL	05/14/2013	05/17/2013	150	µg/L	49.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/14/2013	05/17/2013	150	µg/L	80.7	62.3-129

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13050850		**Sample Description:WG-05082013-MC-MW137S2**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/14/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/14/2013	10	µg/L	103	88.6-116

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	05/17/2013	2NX5137	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/18/2013	3NX5137	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/18/2013	4NX5137	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/21/2013	1NX5141	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/21/2013	2NX5141	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/22/2013	3NX5141	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/17/2013	2NX5137	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/18/2013	3NX5137	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/18/2013	4NX5137	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/21/2013	1NX5141	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/21/2013	2NX5141	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/22/2013	3NX5141	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/21/2013	1EX3141	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/21/2013	2EX3141	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/22/2013		CCV recovery acceptable except as qualified below.			
Hexachlorobenzene	05/22/2013	3EX3141	0.050	0.0580	µg/ml	116 CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13050844	2EX3141	WG-05092013-MC-AMW-01
13050845	2EX3141	WG-05092013-MC-AMW-102D
13050846	2EX3141	WG-05092013-MC-AMW-102S
13050847	2EX3141	WG-05092013-MC-IW41

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
Chloride	05/21/2013	4IC1141	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/21/2013	5IC1141	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/21/2013	6IC1141	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/22/2013	7IC1141	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/22/2013	4IC1142	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/22/2013	5IC1142	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/23/2013	1IC1143	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/23/2013	2IC1143	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	14IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	15IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	16IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	17IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	18IP4140	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	05/16/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/16/2013	2MS6136	100	96.4	µg/ml	96.4 CE
2,3,4,6-Tetrachlorophenol	05/16/2013	2MS6136	100	96.4	µg/ml	96.4 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13050829	2MS6136	WG-05082013-JR-MW134S2

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Laboratory Number	Instrument Batch	Sample Description
13050830	2MS6136	WG-05082013-JR-MW134S3
13050831	2MS6136	WG-05092013-JR-MW04S3
13050832	2MS6136	WG-05092013-JR-MW04S1
13050833	2MS6136	WG-05092013-JR-MW131S3
13050834	2MS6136	WG-05092013-JR-MW131S2
13050835	2MS6136	WG-05092013-JR-MW132S1
13050849	2MS6136	WG-05082013-MC-MW137S3
13050850	2MS6136	WG-05082013-MC-MW137S2

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/21/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/21/2013	1MS6141	100	97.9	µg/ml	97.9 CE
2,3,4,6-Tetrachlorophenol	05/21/2013	1MS6141	100	97.9	µg/ml	97.9 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13050836	1MS6141	WG-05092013-JR-MW132S2/S3
13050837	1MS6141	WG-05102013-JR-MW20S1
13050838	1MS6141	WG-05102013-JR-MW20S3
13050839	1MS6141	WG-05102013-JR-FD03
13050840	1MS6141	WG-05102013-JR-MW31S1
13050841	1MS6141	WG-05092013-MC-MW137S1
13050842	1MS6141	WG-05092013-MC-MW25S1
13050843	1MS6141	WG-05092013-MC-Field Dup 2
13050844	1MS6141	WG-05092013-MC-AMW-01
13050845	1MS6141	WG-05092013-MC-AMW-102D
13050846	1MS6141	WG-05092013-MC-AMW-102S

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/21/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/21/2013	2MS6141	100	98.2	µg/ml	98.2 CE
2,3,4,6-Tetrachlorophenol	05/21/2013	2MS6141	100	98.2	µg/ml	98.2 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13050836	1MS6141	WG-05092013-JR-MW132S2/S3
13050837	1MS6141	WG-05102013-JR-MW20S1
13050838	1MS6141	WG-05102013-JR-MW20S3
13050839	1MS6141	WG-05102013-JR-FD03
13050840	1MS6141	WG-05102013-JR-MW31S1
13050841	1MS6141	WG-05092013-MC-MW137S1
13050842	1MS6141	WG-05092013-MC-MW25S1
13050843	1MS6141	WG-05092013-MC-Field Dup 2
13050844	1MS6141	WG-05092013-MC-AMW-01

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 05/24/2013
Date Received: 05/10/2013
Continental File No: 7775
Continental Order No: 110928

Laboratory Number	Instrument Batch	Sample Description
13050845	1MS6141	WG-05092013-MC-AMW-102D
13050846	1MS6141	WG-05092013-MC-AMW-102S
13050847	2MS6141	WG-05092013-MC-IW41

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	05/13/2013	1MS5133	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	05/14/2013	1MS5134	CCV recovery acceptable for this Instrument Batch.			

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

- Laboratory Report Conclusion -

SSOW# 257-460-A02 3100 Report 16 ND 05/31/13 CAS ORDER NO. 1105928

CHAIN OF CUSTODY RECORD

COC No. 037903

CONESTOGA-ROVERS & ASSOCIATES

Address: _____

Phone: _____ Fax: _____

PAGE ___ OF ___

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: CONTINENTAL ANALITICAL SERVICES	Lab Location: 67401 525 W. 8th STREET, SALINA, KS	SSOW ID:
Project Name: OXY CHEMICAL WICHITA, KS SPRING 2013	Lab Contact:	Lab Quote No:	Cooler No:
Project Location: WICHITA, KS			Airbill No:
Chemistry Contact: PAUL McMAHON			Date Shipped: 5/10/2013
Sampler(s): JEREMY RAYE			

	Sample Identification	Date	Time	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	PESTICIDES	Chloride/Hardness						MS/MSD Request	Comments/ Special Instructions:
1	WG-05082013-JR-MW13432	5/8/13	14:10	WG	G	X	X							8	X	X	X	X							
2	WG-05082013-JR-MW13453	5/8/13	15:55	WG	G	X	X							8	X	X	X	X							
3	WG-05092013-JR-MW0433	5/9/13	09:40	WG	G	X	X							24	X	X	X	X						X	MS/MSD
4	WG-05092013-JR-MW0451	5/9/13	11:05	WG	G	X	X							8	X	X	X	X							
5	WG-05092013-JR-MW13153	5/9/13	12:15	WG	G	X	X							8	X	X	X	X							
6	WG-05092013-JR-MW13152	5/9/13	13:15	WG	G	X	X							8	X	X	X	X							
7	WG-05092013-JR-MW13251	5/9/13	15:35	WG	G	X	X							8	X	X	X	X							
8	WG-05092013-JR-MW13252/53	5/9/13	16:15	WG	G	X	X							8	X	X	X	X							
9	WG-05092013-JR-MW2051	5/10/13	09:00	WG	G	X	X							8	X	X	X	X							
10	WG-05102013-JR-MW2053	5/10/13	09:45	WG	G	X	X							8	X	X	X	X							
11	WG-05102013-JR-FD03	5/10/13	00:00	WG	G	X	X							8	X	X	X	X							
12	WG-05102013-JR-MW3151	5/10/13	11:10	WG	G	X	X							8	X	X	X	X							
13																									
14																									
15																									

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: _____

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	[signature]	CRA	5/10/13	1200	[signature]	CTS	5/10/13	1200
2.	[signature]	CTS	5/10/13	1340	[signature]	CAJ	5-10-13	1340
3.								

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

SSOW #257-402-D02 3100 Report IEDO 05/31/13

CHAIN OF CUSTODY RECORD CAS ORDER NO.: 110928 137916

CONESTOGA-ROVERS & ASSOCIATES

Address: _____

Phone: _____ Fax: _____

PAGE ___ OF ___

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046 / 042407	Laboratory Name: Continental Analytical Services	Lab Location: 525 W. 8th St. Salina KS 67401	SSOW ID:
Project Name: Oxy Chemical Wichita KS Spring 2013	Lab Contact:	Lab Quote No:	Cooler No:
Project Location: Wichita KS.			Cooler Rec'd Prior to Sample Receipt: Continental Labs
Chemistry Contact: Paul McMcann			Airbill No: 5-10-13
Sampler(s): Mark Cox [signature]			Date Shipped: 5-10-13

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	Pesticide/Herb	SVOC	VOC	Chlorides	MS/MSD Request	Comments/ Special Instructions:
1	WG-0509-2013-MC-MW137S1	5/9/13	8:45	WG	G	X	X							8	X	X	X	X		MW 137S1
2	WG-0509-2013-MC-MW 25S1	5/9/13	9:50	WG	G	X	X							8	X	X	X	X		
3	WG-0509-2013-MC-FieldDup2	5/9/13	000	WG	G	X	X							8	X	X	X	X		
4	WG-0509-2013-MC-AMW-01	5/9/13	10:50	WG	G	X	X							8	X	X	X	X		
5	WG-0509-2013-MC-AMW-102D	5/9/13	12:40	WG	G	X	X							8	X	X	X	X		
6	WG-0509-2013-MC-AMW 102S	5/9/13	13:00	WG	G	X	X							8	X	X	X	X		
7	WG-0509-2013-MC-IW41	5/9/13	13:45	WG	G	X	X							24	X	X	X	X		MS MSD
8	[redacted] Trip Blank-0509-2013-TB	5/9/13	—	—	—		X							3			X			
9																				
10																				
11																				
12																				
13																				
14																				
15																				

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Mark Cox	CRA/OXY	5-9-13	15:30	1. [signature]	CRA	5/9/13	15:30
2. [signature]	CRA	5-10-13	12:00	2. [signature]	CAS	5/10/13	1200
3. [signature]	CAS	5-10-13	1340	3. [signature]	CAS	5-10-13	13:40

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

SSOW # 254-402-002-3100 Report/EDD 05/31/13

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO: 110928

COC NO.: 37904

Address: _____

Phone: _____ Fax: _____

PAGE ___ OF ___

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: CONTINENTAL ANALYTICAL SERVICES	Lab Location: 525 W. 8th STREET SALINA, KS 67401	SSOW ID:
Project Name: OXY CHEMICAL WICHITA, KS SPRING 2013	Lab Contact:	Lab Quote No:	Cooler No:
Project Location: WICHITA, KS			Carrier: CONTINENTAL LAB
Chemistry Contact: PAUL McMAHON			Airbill No:
Sampler(s): MARK COX Jeremy Rage			Date Shipped: 5/10/2013

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	PEST/HERB	CHLORIDE/HARDNESS						MS/MSD Request	Comments/ Special Instructions:
1	WG-05082013-MC-MW137S3	5/8/13	14:40	WG	G	X	X							8	X	X	X	X							
2	WG-05082013-MC-MW137S2	5/8/13	15:30	WG	G	X	X							8	X	X	X	X							
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time		Received By	Company	Date	Time
1.	[signature]	CRA	5/10/13	1200	1.	[signature]	CAS	5/10/13	1200
2.	[signature]	CAS	5/10/13	1340	2.	[signature]	CAS	5-10-13	1340
3.					3.				

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (2011CD804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-.50c

3151, 2053 4LA

Cooler 1 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GSC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.9 Corrected Reading (°C) 3.4

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-.COC

13753, 13752 4LA, 250P

1025 LA

1W41-2-250P

Cooler 2 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 1955 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 1.0 Corrected Reading (°C) 1.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-.COC

0453 - 11CA

Cooler 3 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3477 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / (Other) GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.5 Corrected Reading (°C) 2.0

Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-.soc

AMW 03 4LA, 250P
Field Dup 2 -3LA
AMW 102D 2LA, 250P
IW 41, 1025 -250P

Cooler 4 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 2592 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 1.5 Corrected Reading (°C) 2.0

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-. COC

1W41 11 LA

Cooler 5 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.6

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-. COC

FD03 YLA

MW2057-YLA

Cooler 6 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 2320 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.5 Corrected Reading (°C) 3.0

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-.coc

1325253 YLA

Cooler 7 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3456 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.6 Corrected Reading (°C) 2.1

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (exel. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-.coc

13453, 13452 4LA, 2501

Cooler 8 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3291 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.6 Corrected Reading (°C) 3.1

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5 + COC

0451, 13153 4LA, 2508

0453 LA, 3-2508

Cooler 9 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: 0665 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.5 Corrected Reading (°C) 3.0

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

MW 13251 MW13152 - 4CA

Cooler 10 **of** 12 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3478 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.1 Corrected Reading (°C) 1.6

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS **Date Completed:** 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-. COC

13751 4LA, 250P

Field Dup 2 LA, 250P

1641 -LA

1025 2LA

2551 - 4LA

Cooler 11 of 12 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 10 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJC

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.6 Corrected Reading (°C) 3.1

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-10-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 110928

Client Name: Oxy

CAS File No.: 7775

Sample ID's in cooler: VOCs
1021D-2LA 1025-LA
FD03, 1325203, 13152, 13251, 2051, 3151, 2053, 2551-250P

Cooler 12 **of** 12 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3888 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/10/13 13:40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other GJG

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.3 Corrected Reading (°C) 0.8
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: _____ **Date Completed:** _____

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/15/2013 1705
Continental File No.: 7775
Continental Order No.: 111006
Project ID: 054046/042407
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 90 pages for the analytical report, 3 page(s) for the chain of custody and/or analysis request, and 14 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13051230	WG-05132013-JR-MW130S3	Liquid	5/13/2013
13051231	WG-05132013-JR-MW130S2	Liquid	5/13/2013
13051232	WG-05132013-JR-MW130S1	Liquid	5/13/2013
13051233	WG-05132013-JR-MW133S2S3	Liquid	5/13/2013
13051234	WG-05132013-MDC-AMW3	Liquid	5/13/2013
13051235	WG-05132013-MDC-AMW105D	Liquid	5/13/2013
13051236	WG-05132013-MDC-AMW105S	Liquid	5/13/2013
13051237	WG-05132013-MDC-AMW142S2S3	Liquid	5/13/2013
13051238	WG-05142013-MDC-MW09S3	Liquid	5/14/2013
13051239	WG-05142013-MDC-AMW16S	Liquid	5/14/2013
13051240	WG-05142013-MDC-AMW16D	Liquid	5/14/2013
13051241	WG-05142013-MDC-AMW4D	Liquid	5/14/2013
13051242	WG-05142013-MDC-AMW4S	Liquid	5/14/2013
13051243	WG-05142013-MDC-AMW8D	Liquid	5/14/2013
13051244	WG-05142013-MDC-AMW8S	Liquid	5/14/2013
13051245	WG-05142013-MDC-AMW104	Liquid	5/14/2013
13051246	WG-05142013-JR-MW11S3A	Liquid	5/14/2013
13051247	WG-05142013-JR-MW11S1	Liquid	5/14/2013
13051248	WG-05142013-JR-MW32S1	Liquid	5/14/2013
13051249	WG-05142013-JR-MW08S2	Liquid	5/14/2013
13051250	WG-05142013-JR-MW08S1	Liquid	5/14/2013
13051250R	WG-05142013-JR-MW08S1	Liquid	5/14/2013
13051251	WG-05142013-JR-MW08S3	Liquid	5/14/2013
13051252	WG-05142013-JR-MW05S3	Liquid	5/14/2013
13051253	WG-05152013-JR-MW17S1	Liquid	5/15/2013
13051254	WG-05152013-JR-MW17S3B	Liquid	5/15/2013
13051255	WG-05152013-JR-MW17S3A	Liquid	5/15/2013
13051256	WG-05152013-MDC-AMW108D	Liquid	5/15/2013
13051257	WG-05152013-MDC-AMW108S	Liquid	5/15/2013
13051258	WG-05152013-MDC-MW07S1	Liquid	5/15/2013
13051259	WG-05152013-MDC-MW07S2	Liquid	5/15/2013
13051260	WG-05152013-MDC-MW07S3	Liquid	5/15/2013

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13051261	Trip Blank	Liquid	5/15/2013
13051321	WG-05142013-MC-MW09S1	Liquid	5/14/2013

The trip blank for this group of samples is contaminated with VOCs. The lot number for these containers corresponds with a 2010 manufacturing date. Other trip blanks that were shipped and received for this event correspond with a 2013 manufacturing date. It appears that trip blanks, that were shipped to the site for a previous event, were contaminated at the site and inadvertently used for this sampling event. The associated samples should not be affected.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830

KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051230
Sample Description: WG-05132013-JR-MW130S3

Date Sampled: 05/13/2013
Time Sampled: 1405

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/75
1,2-Dichloroethane	ND(0.5)	µg/L	7348/75
Benzene	ND(0.5)	µg/L	7348/75
Carbon tetrachloride	ND(0.5)	µg/L	7348/75
Chloroform	ND(0.5)	µg/L	7348/75
Chloromethane	ND(0.5)	µg/L	7348/75
Methylene chloride	ND(0.5)	µg/L	7348/75
Tetrachloroethylene	ND(0.5)	µg/L	7348/75
Trichloroethylene	ND(0.5)	µg/L	7348/75
Vinyl chloride	ND(0.5)	µg/L	7348/75
1,2-Dichloropropane	ND(0.5)	µg/L	7348/75
Hardness (Calculated)	313	mg/L as CaCO3	7157/581
Chloride	86	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/22/13 2227	130520-2	1NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/22/13 2227	130520-2	1NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1530	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 0928	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/16/13 2022	1MS5136	1MS5136	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0656	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1205	1IC2144	1IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051230

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051231
Sample Description: WG-05132013-JR-MW130S2

Date Sampled: 05/13/2013
Time Sampled: 1445

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/75
1,2-Dichloroethane	ND(0.5)	µg/L	7348/75
Benzene	ND(0.5)	µg/L	7348/75
Carbon tetrachloride	ND(0.5)	µg/L	7348/75
Chloroform	ND(0.5)	µg/L	7348/75
Chloromethane	ND(0.5)	µg/L	7348/75
Methylene chloride	ND(0.5)	µg/L	7348/75
Tetrachloroethylene	ND(0.5)	µg/L	7348/75
Trichloroethylene	ND(0.5)	µg/L	7348/75
Vinyl chloride	ND(0.5)	µg/L	7348/75
1,2-Dichloropropane	ND(0.5)	µg/L	7348/75
Hardness (Calculated)	206	mg/L as CaCO3	7157/581
Chloride	97	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/22/13 2306	130520-2	1NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/22/13 2306	130520-2	1NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1612	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1015	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/16/13 2048	1MS5136	1MS5136	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0700	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1243	1IC2144	1IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051231

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051232
Sample Description: WG-05132013-JR-MW130S1

Date Sampled: 05/13/2013
Time Sampled: 1525

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/75
1,2-Dichloroethane	ND(0.5)	µg/L	7348/75
Benzene	ND(0.5)	µg/L	7348/75
Carbon tetrachloride	ND(0.5)	µg/L	7348/75
Chloroform	ND(0.5)	µg/L	7348/75
Chloromethane	ND(0.5)	µg/L	7348/75
Methylene chloride	ND(0.5)	µg/L	7348/75
Tetrachloroethylene	ND(0.5)	µg/L	7348/75
Trichloroethylene	ND(0.5)	µg/L	7348/75
Vinyl chloride	ND(0.5)	µg/L	7348/75
1,2-Dichloropropane	ND(0.5)	µg/L	7348/75
Hardness (Calculated)	218	mg/L as CaCO3	7157/581
Chloride	42	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0024	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0024	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1654	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1101	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/16/13 2114	1MS5136	1MS5136	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0705	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1256	1IC2144	1IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051232

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051233
Sample Description: WG-05132013-JR-MW133S2S3

Date Sampled: 05/13/2013
Time Sampled: 1620

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/99
1,2-Dichloroethane	ND(0.5)	µg/L	7349/99
Benzene	ND(0.5)	µg/L	7349/99
Carbon tetrachloride	ND(0.5)	µg/L	7349/99
Chloroform	ND(0.5)	µg/L	7349/99
Chloromethane	ND(0.5)	µg/L	7349/99
Methylene chloride	ND(0.5)	µg/L	7349/99
Tetrachloroethylene	ND(0.5)	µg/L	7349/99
Trichloroethylene	ND(0.5)	µg/L	7349/99
Vinyl chloride	ND(0.5)	µg/L	7349/99
1,2-Dichloropropane	ND(0.5)	µg/L	7349/99
Hardness (Calculated)	269	mg/L as CaCO3	7157/581
Chloride	28.5	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0103	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0103	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1736	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1147	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1713	1MS8137	1MS8137	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0709	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1309	1IC2144	1IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051233

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051234
Sample Description: WG-05132013-MDC-AMW3

Date Sampled: 05/13/2013
Time Sampled: 1630

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/99
1,2-Dichloroethane	ND(0.5)	µg/L	7349/99
Benzene	ND(0.5)	µg/L	7349/99
Carbon tetrachloride	ND(0.5)	µg/L	7349/99
Chloroform	ND(0.5)	µg/L	7349/99
Chloromethane	ND(0.5)	µg/L	7349/99
Methylene chloride	ND(0.5)	µg/L	7349/99
Tetrachloroethylene	ND(0.5)	µg/L	7349/99
Trichloroethylene	ND(0.5)	µg/L	7349/99
Vinyl chloride	ND(0.5)	µg/L	7349/99
1,2-Dichloropropane	ND(0.5)	µg/L	7349/99
Hardness (Calculated)	366	mg/L as CaCO3	7157/581
Chloride	123	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0143	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0143	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1818	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1233	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1750	1MS8137	1MS8137	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0713	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1321	1IC2144	1IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051234

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051235
Sample Description: WG-05132013-MDC-AMW105D

Date Sampled: 05/13/2013
Time Sampled: 1345

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/99
1,2-Dichloroethane	ND(0.5)	µg/L	7349/99
Benzene	ND(0.5)	µg/L	7349/99
Carbon tetrachloride	ND(0.5)	µg/L	7349/99
Chloroform	ND(0.5)	µg/L	7349/99
Chloromethane	ND(0.5)	µg/L	7349/99
Methylene chloride	ND(0.5)	µg/L	7349/99
Tetrachloroethylene	ND(0.5)	µg/L	7349/99
Trichloroethylene	ND(0.5)	µg/L	7349/99
Vinyl chloride	ND(0.5)	µg/L	7349/99
1,2-Dichloropropane	ND(0.5)	µg/L	7349/99
Hardness (Calculated)	265	mg/L as CaCO3	7157/581
Chloride	23.1	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0222	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0222	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1900	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1319	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1826	1MS8137	1MS8137	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0717	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1334	1IC2144	1IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051235

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051236
Sample Description: WG-05132013-MDC-AMW105S

Date Sampled: 05/13/2013
Time Sampled: 1425

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/99
1,2-Dichloroethane	ND(0.5)	µg/L	7349/99
Benzene	ND(0.5)	µg/L	7349/99
Carbon tetrachloride	ND(0.5)	µg/L	7349/99
Chloroform	ND(0.5)	µg/L	7349/99
Chloromethane	ND(0.5)	µg/L	7349/99
Methylene chloride	ND(0.5)	µg/L	7349/99
Tetrachloroethylene	ND(0.5)	µg/L	7349/99
Trichloroethylene	ND(0.5)	µg/L	7349/99
Vinyl chloride	ND(0.5)	µg/L	7349/99
1,2-Dichloropropane	ND(0.5)	µg/L	7349/99
Hardness (Calculated)	190.	mg/L as CaCO3	7157/581
Chloride	11.6	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0301	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0301	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 1942	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1405	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1901	1MS8137	1MS8137	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0722	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1412	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051236

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051237
Sample Description: WG-05132013-MDC-AMW142S2S3

Date Sampled: 05/13/2013
Time Sampled: 1448

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	11	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/99
1,2-Dichloroethane	ND(0.5)	µg/L	7349/99
Benzene	ND(0.5)	µg/L	7349/99
Carbon tetrachloride	ND(0.5)	µg/L	7349/99
Chloroform	ND(0.5)	µg/L	7349/99
Chloromethane	ND(0.5)	µg/L	7349/99
Methylene chloride	ND(0.5)	µg/L	7349/99
Tetrachloroethylene	ND(0.5)	µg/L	7349/99
Trichloroethylene	ND(0.5)	µg/L	7349/99
Vinyl chloride	ND(0.5)	µg/L	7349/99
1,2-Dichloropropane	ND(0.5)	µg/L	7349/99
Hardness (Calculated)	199	mg/L as CaCO3	7157/581
Chloride	44	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 1249	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0340	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 2025	130520-1	1EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1451	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1938	1MS8137	1MS8137	GMA	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0726	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1425	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051237

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051238
Sample Description: WG-05142013-MDC-MW09S3

Date Sampled: 05/14/2013
Time Sampled: 0845

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	22.2	µg/L	7348/76
Chloroform	18.0	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	4.9	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	200.	mg/L as CaCO3	7157/581
Chloride	47	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0419	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0419	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 2149	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1537	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1418	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0730	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1438	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051238

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051239
Sample Description: WG-05142013-MDC-AMW16S

Date Sampled: 05/14/2013
Time Sampled: 0935

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	0.8	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	323	mg/L as CaCO3	7157/581
Chloride	81	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0458	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0458	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 2231	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1623	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1444	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0734	130516-4	18IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1450	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051239

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051240
Sample Description: WG-05142013-MDC-AMW16D

Date Sampled: 05/14/2013
Time Sampled: 1015

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	460.	mg/L as CaCO3	7157/581
Chloride	136	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0538	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0538	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 2313	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1710	130520-3	1MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1510	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0747	130516-4	19IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1503	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051240

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051241
Sample Description: WG-05142013-MDC-AMW4D

Date Sampled: 05/14/2013
Time Sampled: 1050

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	0.02	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	0.8	µg/L	7348/76
Chloroform	2.1	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	7.4	µg/L	7348/76
Trichloroethylene	0.6	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	370.	mg/L as CaCO3	7157/581
Chloride	74	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0617	130520-2	2NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0617	130520-2	2NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/23/13 2355	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 1940	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1536	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0751	130516-4	19IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1516	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051241

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051242
Sample Description: WG-05142013-MDC-AMW4S

Date Sampled: 05/14/2013
Time Sampled: 1115

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	463	mg/L as CaCO3	7157/581
Chloride	148	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0735	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0735	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0037	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 2027	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1601	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0756	130516-4	19IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1529	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051242

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051243
Sample Description: WG-05142013-MDC-AMW8D

Date Sampled: 05/14/2013
Time Sampled: 1440

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	426	mg/L as CaCO3	7157/581
Chloride	121	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0814	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0814	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0119	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 2113	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1628	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/16/13 0947	05/21/13 0800	130516-4	19IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1541	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051243

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051244
Sample Description: WG-05142013-MDC-AMW8S

Date Sampled: 05/14/2013
Time Sampled: 1515

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	6.4	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	300.	mg/L as CaCO3	7157/581
Chloride	129	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0853	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0853	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0201	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 2159	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1653	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2120	130517-5	6IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1554	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051244

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051245
Sample Description: WG-05142013-MDC-AMW104

Date Sampled: 05/14/2013
Time Sampled: 1600

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	275	mg/L as CaCO3	7157/581
Chloride	62	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 0933	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 0933	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0243	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 2245	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1719	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2125	130517-5	6IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1607	1IC2144	2IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051245

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051246
Sample Description: WG-05142013-JR-MW11S3A

Date Sampled: 05/14/2013
Time Sampled: 0905

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	254	mg/L as CaCO3	7157/581
Chloride	63	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 1012	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 1012	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0325	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/23/13 2331	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1745	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2137	130517-5	7IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1645	1IC2144	3IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051246

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051247
Sample Description: WG-05142013-JR-MW11S1

Date Sampled: 05/14/2013
Time Sampled: 0945

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	0.116	µg/L	7360/25
B-BHC	0.266	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	31.5	µg/L	7348/76
Chloroform	7.0	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	487	mg/L as CaCO3	7157/581
Chloride	325	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 1051	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 1051	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0407	130520-1	2EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/24/13 0017	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1811	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2141	130517-5	7IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1658	1IC2144	3IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051247

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051248
Sample Description: WG-05142013-JR-MW32S1

Date Sampled: 05/14/2013
Time Sampled: 1105

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	0.028	µg/L	7360/25
B-BHC	0.597	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	0.07	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	3.4	µg/L	7348/76
Chloroform	14.8	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	4.5	µg/L	7348/76
Trichloroethylene	5.5	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	1090	mg/L as CaCO3	7157/581
Chloride	1080	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 1130	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 1130	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0531	130520-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/24/13 0102	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1837	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2158	130517-5	7IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1710	1IC2144	3IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051248

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051249
Sample Description: WG-05142013-JR-MW08S2

Date Sampled: 05/14/2013
Time Sampled: 1330

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/26
Pentachlorophenol	ND(0.5)	µg/L	7370/26
OXY Chlorinated Hyd.			
A-BHC	0.045	µg/L	7360/25
B-BHC	0.469	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/170
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/170
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/170
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/170
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/170
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/77
1,2-Dichloroethane	ND(0.5)	µg/L	7348/77
Benzene	ND(0.5)	µg/L	7348/77
Carbon tetrachloride	13.9	µg/L	7348/77
Chloroform	18.1	µg/L	7348/77
Chloromethane	ND(0.5)	µg/L	7348/77
Methylene chloride	ND(0.5)	µg/L	7348/77
Tetrachloroethylene	4.1	µg/L	7348/77
Trichloroethylene	5.2	µg/L	7348/77
Vinyl chloride	ND(0.5)	µg/L	7348/77
1,2-Dichloropropane	ND(0.5)	µg/L	7348/77
Hardness (Calculated)	859	mg/L as CaCO3	7157/581
Chloride	769	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/20/13 1130	05/23/13 1210	130520-2	3NX5142	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/20/13 1130	05/23/13 1210	130520-2	3NX5142	JMM	8151A(M)
OXY Chlorinated Hyd.	05/20/13 0800	05/24/13 0613	130520-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/20/13 1630	05/24/13 0148	130520-3	2MS6143	BLP	8270C
OXY Volatiles by 8260	N/A	05/20/13 1345	1MS5140	1MS5140	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2203	130517-5	7IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1723	1IC2144	3IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051249

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051250
Sample Description: WG-05142013-JR-MW08S1

Date Sampled: 05/14/2013
Time Sampled: 1420

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	43	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	0.033	µg/L	7360/25
B-BHC	0.739	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	5.0	µg/L	7326/171
2,4-Dichlorophenol	OC	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	133	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	33.6	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	3.2	µg/L	7348/76
Chloroform	21.9	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	1070	mg/L as CaCO3	7157/581
Chloride	1620	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 1840	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 1027	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 0820	130521-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1113	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1929	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2207	130517-5	7IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1801	2IC2144	3IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051250

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051250R
Sample Description: WG-05142013-JR-MW08S1

Date Sampled: 05/14/2013
Time Sampled: 1420

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY GC/MS Acids			
2-Chlorophenol	ND(10)	µg/L	7326/172
3-& 4-Chlorophenol	ND(10)	µg/L	7326/172
2,4-Dichlorophenol	242	µg/L	7326/172
2,5-Dichlorophenol	ND(10)	µg/L	7326/172
2,6-Dichlorophenol	145	µg/L	7326/172
2,4,5-Trichlorophenol	ND(10)	µg/L	7326/172
2,4,6-Trichlorophenol	34.7	µg/L	7326/172
2,3,4,5-Tetrachlorophenol	ND(10) CE	µg/L	7326/172
2,3,4,6-Tetrachlorophenol	ND(10) CE	µg/L	7326/172

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY GC/MS Acids	05/21/13 1530	05/29/13 1315	130521-3	1MS6149	BLP	8270C
Acid Preparation Method						625/3510C

Conclusion of Lab Number: 13051250R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051251
Sample Description: WG-05142013-JR-MW08S3

Date Sampled: 05/14/2013
Time Sampled: 1455

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	0.042	µg/L	7360/25
B-BHC	0.615	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(1)	µg/L	7348/76
1,2-Dichloroethane	ND(1)	µg/L	7348/76
Benzene	ND(1)	µg/L	7348/76
Carbon tetrachloride	192	µg/L	7348/76
Chloroform	33.1	µg/L	7348/76
Chloromethane	ND(1)	µg/L	7348/76
Methylene chloride	ND(1)	µg/L	7348/76
Tetrachloroethylene	7.3	µg/L	7348/76
Trichloroethylene	6.6	µg/L	7348/76
Vinyl chloride	ND(1)	µg/L	7348/76
1,2-Dichloropropane	ND(1)	µg/L	7348/76
Hardness (Calculated)	763	mg/L as CaCO3	7157/581
Chloride	706	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 1920	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 1920	130521-2	1NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 0902	130521-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1159	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 1954	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2211	130517-5	7IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1839	2IC2144	3IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051251

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051252
Sample Description: WG-05142013-JR-MW05S3

Date Sampled: 05/14/2013
Time Sampled: 1600

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	173	mg/L as CaCO3	7157/584
Chloride	64	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 1959	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 1959	130521-2	1NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 0944	130521-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1245	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 2020	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/22/13 1807	130517-5	5IP4142	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 1605	1IC1149	3IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051252

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051253
Sample Description: WG-05152013-JR-MW17S1

Date Sampled: 05/15/2013
Time Sampled: 0900

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	389	mg/L as CaCO3	7157/581
Chloride	25.0	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 2039	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 2039	130521-2	1NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1026	130521-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1332	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 2046	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2228	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1930	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051253

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051254
Sample Description: WG-05152013-JR-MW17S3B

Date Sampled: 05/15/2013
Time Sampled: 0940

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids	QC		
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	428	mg/L as CaCO3	7157/581
Chloride	220	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 2118	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 2118	130521-2	1NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1108	130521-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1418	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 2112	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2232	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1943	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051254

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051255
Sample Description: WG-05152013-JR-MW17S3A

Date Sampled: 05/15/2013
Time Sampled: 1100

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/76
1,2-Dichloroethane	ND(0.5)	µg/L	7348/76
Benzene	ND(0.5)	µg/L	7348/76
Carbon tetrachloride	ND(0.5)	µg/L	7348/76
Chloroform	ND(0.5)	µg/L	7348/76
Chloromethane	ND(0.5)	µg/L	7348/76
Methylene chloride	ND(0.5)	µg/L	7348/76
Tetrachloroethylene	ND(0.5)	µg/L	7348/76
Trichloroethylene	ND(0.5)	µg/L	7348/76
Vinyl chloride	ND(0.5)	µg/L	7348/76
1,2-Dichloropropane	ND(0.5)	µg/L	7348/76
Hardness (Calculated)	268	mg/L as CaCO3	7157/581
Chloride	27.9	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 2158	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 2158	130521-2	1NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1150	130521-1	3EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1504	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/17/13 2138	1MS5137	1MS5137	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2237	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 1956	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051255

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051256
Sample Description: WG-05152013-MDC-AMW108D

Date Sampled: 05/15/2013
Time Sampled: 0855

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/77
1,2-Dichloroethane	ND(0.5)	µg/L	7348/77
Benzene	ND(0.5)	µg/L	7348/77
Carbon tetrachloride	ND(0.5)	µg/L	7348/77
Chloroform	ND(0.5)	µg/L	7348/77
Chloromethane	ND(0.5)	µg/L	7348/77
Methylene chloride	ND(0.5)	µg/L	7348/77
Tetrachloroethylene	ND(0.5)	µg/L	7348/77
Trichloroethylene	1.4	µg/L	7348/77
Vinyl chloride	ND(0.5)	µg/L	7348/77
1,2-Dichloropropane	ND(0.5)	µg/L	7348/77
Hardness (Calculated)	415	mg/L as CaCO3	7157/581
Chloride	93	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 2237	130521-2	1NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 2237	130521-2	1NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1416	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1550	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/20/13 1411	1MS5140	1MS5140	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2241	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 2008	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051256

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051257
Sample Description: WG-05152013-MDC-AMW108S

Date Sampled: 05/15/2013
Time Sampled: 0930

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/77
1,2-Dichloroethane	ND(0.5)	µg/L	7348/77
Benzene	ND(0.5)	µg/L	7348/77
Carbon tetrachloride	ND(0.5)	µg/L	7348/77
Chloroform	ND(0.5)	µg/L	7348/77
Chloromethane	ND(0.5)	µg/L	7348/77
Methylene chloride	ND(0.5)	µg/L	7348/77
Tetrachloroethylene	ND(0.5)	µg/L	7348/77
Trichloroethylene	ND(0.5)	µg/L	7348/77
Vinyl chloride	ND(0.5)	µg/L	7348/77
1,2-Dichloropropane	ND(0.5)	µg/L	7348/77
Hardness (Calculated)	372	mg/L as CaCO3	7157/581
Chloride	88	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/28/13 2356	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/28/13 2356	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1459	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1636	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/20/13 1437	1MS5140	1MS5140	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2245	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 2021	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051257

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051258
Sample Description: WG-05152013-MDC-MW07S1

Date Sampled: 05/15/2013
Time Sampled: 1035

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	320 QC	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	0.520	µg/L	7360/26
B-BHC	0.099	µg/L	7360/26
G-BHC	0.456	µg/L	7360/26
Hexachloroethane	6.34	µg/L	7360/26
Hexachlorobutadiene	1.2	µg/L	7360/26
Hexachlorobenzene	ND(0.20)	µg/L	7360/26
D-BHC	0.35	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	17.8	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	162	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	17.0	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	19.4	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(50)	µg/L	7348/77
1,2-Dichloroethane	170	µg/L	7348/77
Benzene	90	µg/L	7348/77
Carbon tetrachloride	1340	µg/L	7348/77
Chloroform	1630	µg/L	7348/77
Chloromethane	ND(50)	µg/L	7348/77
Methylene chloride	770	µg/L	7348/77
Tetrachloroethylene	290	µg/L	7348/77
Trichloroethylene	ND(50)	µg/L	7348/77
Vinyl chloride	ND(50)	µg/L	7348/77
1,2-Dichloropropane	ND(50)	µg/L	7348/77
Hardness (Calculated)	1310	mg/L as CaCO3	7157/581
Chloride	1000	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 1344	130521-2	4NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 1106	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1609	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 1723	130521-3	1MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/20/13 1503	1MS5140	1MS5140	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2249	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 2034	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051258

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051259
Sample Description: WG-05152013-MDC-MW07S2

Date Sampled: 05/15/2013
Time Sampled: 1130

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/172
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/172
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/172
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/172
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/172
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/172
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/172
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/172
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/172
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/77
1,2-Dichloroethane	ND(0.5)	µg/L	7348/77
Benzene	ND(0.5)	µg/L	7348/77
Carbon tetrachloride	0.6	µg/L	7348/77
Chloroform	0.9	µg/L	7348/77
Chloromethane	ND(0.5)	µg/L	7348/77
Methylene chloride	ND(0.5)	µg/L	7348/77
Tetrachloroethylene	ND(0.5)	µg/L	7348/77
Trichloroethylene	ND(0.5)	µg/L	7348/77
Vinyl chloride	ND(0.5)	µg/L	7348/77
1,2-Dichloropropane	ND(0.5)	µg/L	7348/77
Hardness (Calculated)	493	mg/L as CaCO3	7157/581
Chloride	179	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0115	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0115	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1623	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 1401	130521-3	1MS6149	BLP	8270C
OXY Volatiles by 8260	N/A	05/20/13 1621	1MS5140	1MS5140	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2254	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 2046	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051259

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051260
Sample Description: WG-05152013-MDC-MW07S3

Date Sampled: 05/15/2013
Time Sampled: 1230

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/172
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/172
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/172
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/172
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/172
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/172
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/172
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/172
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/172
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/77
1,2-Dichloroethane	ND(0.5)	µg/L	7348/77
Benzene	ND(0.5)	µg/L	7348/77
Carbon tetrachloride	ND(0.5)	µg/L	7348/77
Chloroform	ND(0.5)	µg/L	7348/77
Chloromethane	ND(0.5)	µg/L	7348/77
Methylene chloride	ND(0.5)	µg/L	7348/77
Tetrachloroethylene	ND(0.5)	µg/L	7348/77
Trichloroethylene	ND(0.5)	µg/L	7348/77
Vinyl chloride	ND(0.5)	µg/L	7348/77
1,2-Dichloropropane	ND(0.5)	µg/L	7348/77
Hardness (Calculated)	467	mg/L as CaCO3	7157/581
Chloride	163	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0154	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0154	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1705	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 1447	130521-3	1MS6149	BLP	8270C
OXY Volatiles by 8260	N/A	05/20/13 1646	1MS5140	1MS5140	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2258	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 2059	2IC2144	4IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051260

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051261
Sample Description: Trip Blank

Date Sampled: 05/15/2013
Time Sampled: 1300

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/77
1,2-Dichloroethane	0.5	µg/L	7348/77
Benzene	ND(0.5)	µg/L	7348/77
Carbon tetrachloride	ND(0.5)	µg/L	7348/77
Chloroform	2.5	µg/L	7348/77
Chloromethane	ND(0.5)	µg/L	7348/77
Methylene chloride	34.2	µg/L	7348/77
Tetrachloroethylene	6.6	µg/L	7348/77
Trichloroethylene	1.6	µg/L	7348/77
Vinyl chloride	ND(0.5)	µg/L	7348/77
1,2-Dichloropropane	ND(0.5)	µg/L	7348/77

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/20/13 1712	1MS5140	1MS5140	RKR	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13051261

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Lab Number: 13051321
Sample Description: WG-05142013-MC-MW09S1

Date Sampled: 05/14/2013
Time Sampled: 1345

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	0.284	µg/L	7360/25
B-BHC	0.040	µg/L	7360/25
G-BHC	0.074	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	0.80	µg/L	7360/25
Hexachlorobenzene	0.19	µg/L	7360/25
D-BHC	0.24	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(2)	µg/L	7348/78
1,2-Dichloroethane	107	µg/L	7348/78
Benzene	20.	µg/L	7348/78
Carbon tetrachloride	ND(2)	µg/L	7348/78
Chloroform	ND(2)	µg/L	7348/78
Chloromethane	ND(2)	µg/L	7348/78
Methylene chloride	ND(2)	µg/L	7348/78
Tetrachloroethylene	101	µg/L	7348/78
Trichloroethylene	165	µg/L	7348/78
Vinyl chloride	ND(2)	µg/L	7348/78
1,2-Dichloropropane	ND(2)	µg/L	7348/78
Hardness (Calculated)	832	mg/L as CaCO3	7157/581
Chloride	430	mg/L	7277/254

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0234	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0234	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1747	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 2126	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1342	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/17/13 1005	05/20/13 2302	130517-5	8IP4140	KMW	6010B & SM 2340B
Chloride	N/A	05/24/13 2344	2IC2144	5IC2144	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051321

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130520-2	130520BLK2 05/22/13 2108	130520LCS2 05/22/13 2147	13051249MS 05/20/13

Lab numbers associated with this batch:
13051230 13051231 13051232 13051233 13051234 13051235 13051236 13051237 13051238 13051239 13051240
13051241 13051242 13051243 13051244 13051245 13051246 13051247 13051248 13051249

CL223	2,4-Dichlorophenoxyacetic Acid	130521-2	130521BLK2 05/28/13 1722	130521LCS2 05/28/13 1801	13051594MS 05/29/13 0511

Lab numbers associated with this batch:
13051250 13051251 13051252 13051253 13051254 13051255 13051256 13051257 13051258 13051259 13051260
13051321

CL350	Pentachlorophenol	130520-2	130520BLK2 05/22/13 2108	130520LCS2 05/22/13 2147	13051249MS 05/20/13

Lab numbers associated with this batch:
13051230 13051231 13051232 13051233 13051234 13051235 13051236 13051237 13051238 13051239 13051240
13051241 13051242 13051243 13051244 13051245 13051246 13051247 13051248 13051249

CL350	Pentachlorophenol	130521-2	130521BLK2 05/28/13 1722	130521LCS2 05/28/13 1801	13051594MS 05/29/13 0511

Lab numbers associated with this batch:
13051250 13051251 13051252 13051253 13051254 13051255 13051256 13051257 13051258 13051259 13051260
13051321

CL351	OXY Chlorinated Hyd.	130520-1	130520BLK1 05/23/13 1405	130520LCS1 05/23/13 1447	13051249MS 05/20/13

Lab numbers associated with this batch:
13051230 13051231 13051232 13051233 13051234 13051235 13051236 13051237 13051238 13051239 13051240
13051241 13051242 13051243 13051244 13051245 13051246 13051247 13051248 13051249

CL351	OXY Chlorinated Hyd.	130521-1	130521BLK1 05/24/13 0655	130521LCS1 05/24/13 0737	13051594MS 05/24/13 1954

Lab numbers associated with this batch:
13051250 13051251 13051252 13051253 13051254 13051255 13051256 13051257 13051258 13051259 13051260
13051321

MS302	OXY GC/MS Acids	130520-3	130520BLK3 05/23/13 0757	130520LCS3 05/23/13 0843	13051249MS 05/20/13

Lab numbers associated with this batch:
13051230 13051231 13051232 13051233 13051234 13051235 13051236 13051237 13051238 13051239 13051240
13051241 13051242 13051243 13051244 13051245 13051246 13051247 13051248 13051249

MS302	OXY GC/MS Acids	130521-3	130521BLK3 05/28/13 0941	130521LCS3 05/28/13 1027	13051594MS 05/29/13 0030

Lab numbers associated with this batch:
13051250 13051250R 13051251 13051252 13051253 13051254 13051255 13051256 13051257 13051258 13051259
13051260 13051321

MS350	OXY Volatiles by 8260	1MS5136	BLK1MS5136 05/16/13 1447	LCS1MS5136 05/16/13 1355	

Lab numbers associated with this batch:
13051230 13051231 13051232

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5137	BLK1MS5137 05/17/13 1352	LCS1MS5137 05/17/13 1300	

Lab numbers associated with this batch:
13051238 13051239 13051240 13051241 13051242 13051243 13051244 13051245 13051246 13051247 13051248
13051250 13051251 13051252 13051253 13051254 13051255

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS8137	BLK1MS8137 05/17/13 1040	LCS1MS8137 05/17/13 1004	

Lab numbers associated with this batch:
13051233 13051234 13051235 13051236 13051237

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5140	BLK1MS5140 05/20/13 1319	LCS1MS5140 05/20/13 1253	13051258MS 05/20/13 1529

Lab numbers associated with this batch:
13051249 13051256 13051257 13051258 13051259 13051260 13051261

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5141	BLK1MS5141 05/21/13 1224	LCS1MS5141 05/21/13 1133	13051594MS 05/21/13 1525

Lab numbers associated with this batch:
13051321

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
SL323	Hardness (Calculated)	130516-4	130516BLK4 05/21/13 0553	130516LCS4 05/21/13 0606	13050847MS 05/21/13 0618

Lab numbers associated with this batch:
13051230 13051231 13051232 13051233 13051234 13051235 13051236 13051237 13051238 13051239 13051240
13051241 13051242 13051243

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
SL323	Hardness (Calculated)	130517-5	130517BLK5 05/20/13 2112	130517LCS5 05/20/13 2116	13051247MS 05/20/13 2146

Lab numbers associated with this batch:
13051244 13051245 13051246 13051247 13051248 13051249 13051250 13051251 13051252 13051253 13051254
13051255 13051256 13051257 13051258 13051259 13051260 13051321

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	1IC1149	BLK1IC1149 05/29/13 1048	LCS1IC1149 05/29/13 1101	13051438MS 05/29/13 1204

Lab numbers associated with this batch:
13051252

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	1IC2144	BLK1IC2144 05/24/13 1140	LCS1IC2144 05/24/13 1152	13051230MS 05/24/13 1218

Lab numbers associated with this batch:
13051230 13051231 13051232 13051233 13051234 13051235 13051236 13051237 13051238 13051239 13051240
13051241 13051242 13051243 13051244 13051245 13051246 13051247 13051248 13051249

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	2IC2144	BLK2IC2144 05/24/13 1736	LCS2IC2144 05/24/13 1748	13051250MS 05/24/13 1814

Lab numbers associated with this batch:
13051250 13051251 13051253 13051254 13051255 13051256 13051257 13051258 13051259 13051260 13051321

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130516-4	**For samples prepared on: 05/16/2013 0947**					**Spiked sample: 13050847**						
Hardness (Calculated)	ND(5.0)	99.6	80.0-120	337	mg/L a	MN	MN	80.0-120	337	mg/L a	**	20.0
QC Batch: 130517-5	**For samples prepared on: 05/17/2013 1005**					**Spiked sample: 13051247**						
Hardness (Calculated)	ND(5.0)	98.2	80.0-120	337	mg/L a	101	92.6	80.0-120	337	mg/L a	3.40	20.0
QC Batch: 130520-1	**For samples prepared on: 05/20/2013 0800**					**Spiked sample: 13051249**						
OXY Chlorinated Hyd.						F	F			µg/L		
A-BHC	ND(0.011)	97.2	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	90.0	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	93.6	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	ND(0.02)	80.0	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	ND(0.02)	90.4	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	105	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	102	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	74.8	76.9	53.9-120	8.0	µg/L			53.9-120			**	
QC Batch: 130520-2	**For samples prepared on: 05/20/2013 1130**					**Spiked sample: 13051249**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	101	77.6-131	4.0	µg/L	F	F	78.6-129		µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	110.	107	70.5-128	5.0	µg/L			70.5-128			**	
QC Batch: 130520-2	**For samples prepared on: 05/20/2013 1130**					**Spiked sample: 13051249**						
Pentachlorophenol	ND(0.5)	100	72.0-127	4.0	µg/L	F	F	13.9-147		µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	110.	107	70.5-128	5.0	µg/L			70.5-128			**	
QC Batch: 130520-3	**For samples prepared on: 05/20/2013 1630**					**Spiked sample: 13051249**						
OXY GC/MS Acids						F	F			µg/L		
2-Chlorophenol	ND(5.0)	79.0	73.0-97.8	50.0	µg/L			69.5-101			**	11.9
3-& 4-Chlorophenol	ND(5.0)	71.5	61.2-86.6	50.0	µg/L			59.9-90.4			**	11.8
2,4-Dichlorophenol	ND(5.0)	88.4	73.1-116	50.0	µg/L			72.2-118			**	18.7
2,5-Dichlorophenol	ND(5.0)	87.6	72.9-112	50.0	µg/L			82.6-107			**	16.2
2,6-Dichlorophenol	ND(5.0)	90.9	81.0-110	50.0	µg/L			78.8-114			**	10.7
2,4,5-Trichlorophenol	ND(5.0)	89.6	79.1-115	50.0	µg/L			77.6-118			**	11.7
2,4,6-Trichlorophenol	ND(5.0)	86.0	80.4-117	50.0	µg/L			78.1-121			**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	87.2 CE	65.5-129	100	µg/L			66.2-131			**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	87.2 CE	64.5-131	100	µg/L			63.8-134			**	13.1
Surrogates:												
PHENOL-d6	34.1	34.0	21.7-41.8	150	µg/L			21.7-41.8			**	
2-FLUOROPHENOL	53.3	51.8	36.2-67.8	150	µg/L			36.2-67.8			**	
2,4,6-TRIBROMOPHENOL	88.8	103	62.3-129	150	µg/L			62.3-129			**	
QC Batch: 130521-1	**For samples prepared on: 05/21/2013 0830**					**Spiked sample: 13051594**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	101	83.9-128	0.50	µg/L			84.0-131	0.50	µg/L	**	13.0
B-BHC	ND(0.037)	97.4	83.5-129	0.50	µg/L			83.7-129	0.50	µg/L	**	13.2
G-BHC	ND(0.052)	103	83.6-128	0.50	µg/L			82.4-131	0.50	µg/L	**	13.2
Hexachloroethane	ND(0.02)	73.0	57.2-125	0.50	µg/L			40.1-127	0.50	µg/L	**	18.6
Hexachlorobutadiene	ND(0.02)	73.4	51.9-126	0.50	µg/L			37.5-125	0.50	µg/L	**	21.3
Hexachlorobenzene	ND(0.10)	97.6	74.7-127	0.50	µg/L			72.6-127	0.50	µg/L	**	15.4
D-BHC	ND(0.05)	113	78.7-146	0.50	µg/L			78.0-148	0.50	µg/L	**	13.7

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130521-1	**For samples prepared on: 05/21/2013**					**Spiked sample: 13051594**						
Surrogates:												
1,4-DICHLORONAPHTHALENE	75.8	77.6	53.9-120	8.0	µg/L	MN	MN	53.9-120	8.0	µg/L	**	
QC Batch: 130521-2	**For samples prepared on: 05/21/2013 1130**					**Spiked sample: 13051594**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	112	77.6-131	4.0	µg/L	MN	MN	78.6-129	4.0	µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	99.3	110.	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130521-2	**For samples prepared on: 05/21/2013 1130**					**Spiked sample: 13051594**						
Pentachlorophenol	ND(0.5)	104	72.0-127	4.0	µg/L	MN	MN	13.9-147	4.0	µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	99.3	110.	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130521-3	**For samples prepared on: 05/21/2013 1530**					**Spiked sample: 13051594**						
OXY GC/MS Acids						MN	MN					
2-Chlorophenol	ND(5.0)	84.6	73.0-97.8	50.0	µg/L			69.5-101	50.0	µg/L	**	11.9
3-& 4-Chlorophenol	ND(5.0)	73.2	61.2-86.6	50.0	µg/L			59.9-90.4	50.0	µg/L	**	11.8
2,4-Dichlorophenol	ND(5.0)	93.3	73.1-116	50.0	µg/L			72.2-118	50.0	µg/L	**	18.7
2,5-Dichlorophenol	ND(5.0)	92.2	72.9-112	50.0	µg/L			82.6-107	50.0	µg/L	**	16.2
2,6-Dichlorophenol	ND(5.0)	93.2	81.0-110	50.0	µg/L			78.8-114	50.0	µg/L	**	10.7
2,4,5-Trichlorophenol	ND(5.0)	94.5	79.1-115	50.0	µg/L			77.6-118	50.0	µg/L	**	11.7
2,4,6-Trichlorophenol	ND(5.0)	94.3	80.4-117	50.0	µg/L			78.1-121	50.0	µg/L	**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	94.9 CE	65.5-129	100	µg/L			66.2-131	100	µg/L	**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	94.9 CE	64.5-131	100	µg/L			63.8-134	100	µg/L	**	13.1
Surrogates:												
PHENOL-d6	33.8	35.5	21.7-41.8	150	µg/L	MN	MN	21.7-41.8	150	µg/L	**	
2-FLUOROPHENOL	52.5	54.3	36.2-67.8	150	µg/L	MN	MN	36.2-67.8	150	µg/L	**	
2,4,6-TRIBROMOPHENOL	89.6	108	62.3-129	150	µg/L	MN	MN	62.3-129	150	µg/L	**	
QC Batch: 1IC1149	**For sample analyzed on: 05/29/2013**					**Spiked sample: 13051438**						
Chloride	ND(1.0)	90.4	90.0-110	4.0	mg/L	MN	MN	74.5-127	40.0	mg/L	**	5.3
QC Batch: 1IC2144	**For sample analyzed on: 05/24/2013**					**Spiked sample: 13051230**						
Chloride	ND(1.0)	101	90.0-110	4.0	mg/L	95.9	88.2	74.5-127	40.0	mg/L	2.50	5.3
QC Batch: 1MS5136	**For sample analyzed on: 05/16/2013**					**Spiked sample:**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	103	81.5-118	10.0	µg/L			78.1-121			**	10.7
1,2-Dichloroethane	ND(0.5)	106	69.8-120	10.0	µg/L			68.0-125			**	10.8
Benzene	ND(0.5)	101	82.7-115	10.0	µg/L			80.1-119			**	6.8
Carbon tetrachloride	ND(0.5)	101	80.9-128	10.0	µg/L			72.6-132			**	10.6
Chloroform	ND(0.5)	93.9	76.9-118	10.0	µg/L			73.8-122			**	8.7
Chloromethane	ND(0.5)	103	70.6-125	10.0	µg/L			62.8-132			**	13.5
Methylene chloride	ND(0.5)	96.7	76.1-114	10.0	µg/L			74.3-118			**	10.5
Tetrachloroethylene	ND(0.5)	105	84.5-126	10.0	µg/L			81.2-125			**	10.1
Trichloroethylene	ND(0.5)	106	82.0-113	10.0	µg/L			79.3-117			**	8.7
Vinyl chloride	ND(0.5)	105	72.1-130	10.0	µg/L			66.9-134			**	14.4
1,2-Dichloropropane	ND(0.5)	101	78.6-113	10.0	µg/L			76.4-118			**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	105	104	73.2-126	10.0	µg/L	MN	MN	73.2-126			**	
TOLUENE-d8	102	111	88.6-116	10.0	µg/L	MN	MN	88.6-116			**	

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS5137	**For sample analyzed on: 05/17/2013**					**Spiked sample:**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	104	81.5-118	10.0	µg/L			78.1-121			**	10.7
1,2-Dichloroethane	ND(0.5)	107	69.8-120	10.0	µg/L			68.0-125			**	10.8
Benzene	ND(0.5)	102	82.7-115	10.0	µg/L			80.1-119			**	6.8
Carbon tetrachloride	ND(0.5)	105	80.9-128	10.0	µg/L			72.6-132			**	10.6
Chloroform	ND(0.5)	95.8	76.9-118	10.0	µg/L			73.8-122			**	8.7
Chloromethane	ND(0.5)	97.7	70.6-125	10.0	µg/L			62.8-132			**	13.5
Methylene chloride	ND(0.5)	94.3	76.1-114	10.0	µg/L			74.3-118			**	10.5
Tetrachloroethylene	ND(0.5)	101	84.5-126	10.0	µg/L			81.2-125			**	10.1
Trichloroethylene	ND(0.5)	106	82.0-113	10.0	µg/L			79.3-117			**	8.7
Vinyl chloride	ND(0.5)	99.6	72.1-130	10.0	µg/L			66.9-134			**	14.4
1,2-Dichloropropane	ND(0.5)	101	78.6-113	10.0	µg/L			76.4-118			**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	105	111	73.2-126	10.0	µg/L	MN	MN	73.2-126			**	
TOLUENE-d8	104	107	88.6-116	10.0	µg/L	MN	MN	88.6-116			**	
QC Batch: 1MS5140	**For sample analyzed on: 05/20/2013**					**Spiked sample: 13051258**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	106	81.5-118	10.0	µg/L	109	101	78.1-121	1000	µg/L	6.90	10.7
1,2-Dichloroethane	ND(0.5)	106	69.8-120	10.0	µg/L	114	105	68.0-125	1000	µg/L	7.50	10.8
Benzene	ND(0.5)	102	82.7-115	10.0	µg/L	105	102	80.1-119	1000	µg/L	2.20	6.8
Carbon tetrachloride	ND(0.5)	110.	80.9-128	10.0	µg/L	110.	91.6	72.6-132	1000	µg/L	7.60	10.6
Chloroform	ND(0.5)	98.2	76.9-118	10.0	µg/L	95.3	81.5	73.8-122	1000	µg/L	5.50	8.7
Chloromethane	ND(0.5)	111	70.6-125	10.0	µg/L	113	113	62.8-132	1000	µg/L	0.20	13.5
Methylene chloride	ND(0.5)	95.1	76.1-114	10.0	µg/L	101	92.3	74.3-118	1000	µg/L	5.10	10.5
Tetrachloroethylene	ND(0.5)	106	84.5-126	10.0	µg/L	107	107	81.2-125	1000	µg/L	0.20	10.1
Trichloroethylene	ND(0.5)	110	82.0-113	10.0	µg/L	114	111	79.3-117	1000	µg/L	2.00	8.7
Vinyl chloride	ND(0.5)	114	72.1-130	10.0	µg/L	106	113	66.9-134	1000	µg/L	6.10	14.4
1,2-Dichloropropane	ND(0.5)	104	78.6-113	10.0	µg/L	106	101	76.4-118	1000	µg/L	5.10	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	97.0	98.0	73.2-126	10.0	µg/L	106	102	73.2-126	1000	µg/L		
TOLUENE-d8	102	111	88.6-116	10.0	µg/L	106	108	88.6-116	1000	µg/L		
QC Batch: 1MS5141	**For sample analyzed on: 05/21/2013**					**Spiked sample: 13051594**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	107	81.5-118	10.0	µg/L			78.1-121	10.0	µg/L	**	10.7
1,2-Dichloroethane	ND(0.5)	105	69.8-120	10.0	µg/L			68.0-125	10.0	µg/L	**	10.8
Benzene	ND(0.5)	99.4	82.7-115	10.0	µg/L			80.1-119	10.0	µg/L	**	6.8
Carbon tetrachloride	ND(0.5)	105	80.9-128	10.0	µg/L			72.6-132	10.0	µg/L	**	10.6
Chloroform	ND(0.5)	101	76.9-118	10.0	µg/L			73.8-122	10.0	µg/L	**	8.7
Chloromethane	ND(0.5)	108	70.6-125	10.0	µg/L			62.8-132	10.0	µg/L	**	13.5
Methylene chloride	ND(0.5)	99.7	76.1-114	10.0	µg/L			74.3-118	10.0	µg/L	**	10.5
Tetrachloroethylene	ND(0.5)	103	84.5-126	10.0	µg/L			81.2-125	10.0	µg/L	**	10.1
Trichloroethylene	ND(0.5)	102	82.0-113	10.0	µg/L			79.3-117	10.0	µg/L	**	8.7
Vinyl chloride	ND(0.5)	112	72.1-130	10.0	µg/L			66.9-134	10.0	µg/L	**	14.4
1,2-Dichloropropane	ND(0.5)	97.7	78.6-113	10.0	µg/L			76.4-118	10.0	µg/L	**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	102	105	73.2-126	10.0	µg/L	MN	MN	73.2-126	10.0	µg/L	**	
TOLUENE-d8	103	107	88.6-116	10.0	µg/L	MN	MN	88.6-116	10.0	µg/L	**	
QC Batch: 1MS8137	**For sample analyzed on: 05/17/2013**					**Spiked sample:**						
OXY Volatiles by 8260						MN	MN					

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS8137	**For sample analyzed on: 05/17/2013**					**Spiked sample:**						
1,1,1-Trichloroethane	ND(0.5)	94.7	81.5-118	10.0	µg/L			78.1-121			**	10.7
1,2-Dichloroethane	ND(0.5)	90.5	69.8-120	10.0	µg/L			68.0-125			**	10.8
Benzene	ND(0.5)	96.0	82.7-115	10.0	µg/L			80.1-119			**	6.8
Carbon tetrachloride	ND(0.5)	98.9	80.9-128	10.0	µg/L			72.6-132			**	10.6
Chloroform	ND(0.5)	95.7	76.9-118	10.0	µg/L			73.8-122			**	8.7
Chloromethane	ND(0.5)	98.0	70.6-125	10.0	µg/L			62.8-132			**	13.5
Methylene chloride	ND(0.5)	88.5	76.1-114	10.0	µg/L			74.3-118			**	10.5
Tetrachloroethylene	ND(0.5)	102	84.5-126	10.0	µg/L			81.2-125			**	10.1
Trichloroethylene	ND(0.5)	91.9	82.0-113	10.0	µg/L			79.3-117			**	8.7
Vinyl chloride	ND(0.5)	106	72.1-130	10.0	µg/L			66.9-134			**	14.4
1,2-Dichloropropane	ND(0.5)	90.2	78.6-113	10.0	µg/L			76.4-118			**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	88.5	90.1	73.2-126	10.0	µg/L	MN	MN	73.2-126			**	
TOLUENE-d8	107	106	88.6-116	10.0	µg/L	MN	MN	88.6-116			**	
QC Batch: 2IC2144	**For sample analyzed on: 05/24/2013**					**Spiked sample: 13051250**						
Chloride	ND(1.0)	99.0	90.0-110	4.0	mg/L	I	I	74.5-127		mg/L	**	5.3

Data Qualifiers:

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

F - MS and/or MSD sample data are not available due to insufficient sample volume.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

I - Due to the concentration of analyte in the sample, the spike level is too low to allow accurate quantification of the spike recovery.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051230		**Sample Description: WG-05132013-JR-MW130S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/22/2013	5.0	µg/L	116	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/22/2013	5.0	µg/L	116	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	94.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	29.4	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	45.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	91.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/16/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/16/2013	10	µg/L	105	88.6-116
Lab Number: 13051231		**Sample Description: WG-05132013-JR-MW130S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/22/2013	5.0	µg/L	110.	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/22/2013	5.0	µg/L	110.	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	83.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	33.6	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	51.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	88.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/16/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/16/2013	10	µg/L	102	88.6-116
Lab Number: 13051232		**Sample Description: WG-05132013-JR-MW130S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	105	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	105	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	78.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	34.1	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	53.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	94.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/16/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/16/2013	10	µg/L	99.1	88.6-116
Lab Number: 13051233		**Sample Description: WG-05132013-JR-MW133S2S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	104	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	104	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	75.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	32.2	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051233		**Sample Description: WG-05132013-JR-MW133S2S3**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	51.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	91.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	102	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	101	88.6-116
Lab Number: 13051234		**Sample Description: WG-05132013-MDC-AMW3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	110.	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	110.	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	76.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	32.7	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	52.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	91.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	100.	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051235		**Sample Description: WG-05132013-MDC-AMW105D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	99.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	99.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	75.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	31.0	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	48.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	85.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	100.	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051236		**Sample Description: WG-05132013-MDC-AMW105S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	108	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	108	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	77.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	34.1	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	52.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	89.2	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	102	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051237		**Sample Description: WG-05132013-MDC-AMW142S2S3**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051237		**Sample Description: WG-05132013-MDC-AMW142S2S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	115	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	110.	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	76.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	33.4	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	51.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	93.7	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	96.5	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051238		**Sample Description: WG-05142013-MDC-MW09S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	117	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	117	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	84.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	34.0	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	52.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	89.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	102	88.6-116
Lab Number: 13051239		**Sample Description: WG-05142013-MDC-AMW16S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	118	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	118	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	68.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	30.8	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	49.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	97.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	104	88.6-116
Lab Number: 13051240		**Sample Description: WG-05142013-MDC-AMW16D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	104	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	104	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	77.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	33.6	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051240		**Sample Description: WG-05142013-MDC-AMW16D**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	52.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	96.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	112	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	102	88.6-116
Lab Number: 13051241		**Sample Description: WG-05142013-MDC-AMW4D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	101	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	101	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/23/2013	8.0	µg/L	76.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	30.2	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	46.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	78.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	106	88.6-116
Lab Number: 13051242		**Sample Description: WG-05142013-MDC-AMW4S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	80.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	32.0	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	49.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	90.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	102	88.6-116
Lab Number: 13051243		**Sample Description: WG-05142013-MDC-AMW8D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	107	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	107	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	86.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	32.2	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	51.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	92.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051244		**Sample Description: WG-05142013-MDC-AMW8S**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051244		**Sample Description: WG-05142013-MDC-AMW8S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	67.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	33.3	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	52.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	94.4	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	100.	88.6-116
Lab Number: 13051245		**Sample Description: WG-05142013-MDC-AMW104**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	94.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	94.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	81.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	32.2	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	47.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	90.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051246		**Sample Description: WG-05142013-JR-MW11S3A**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	93.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	93.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	81.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/23/2013	150	µg/L	32.7	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/23/2013	150	µg/L	51.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/23/2013	150	µg/L	96.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	99.8	88.6-116
Lab Number: 13051247		**Sample Description: WG-05142013-JR-MW11S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.9	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.9	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	85.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/24/2013	150	µg/L	36.3	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051247		**Sample Description: WG-05142013-JR-MW11S1**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/20/2013	05/24/2013	150	µg/L	52.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/24/2013	150	µg/L	95.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	111	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	100.	88.6-116
Lab Number: 13051248		**Sample Description: WG-05142013-JR-MW32S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	97.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	80.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/24/2013	150	µg/L	35.0	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/24/2013	150	µg/L	53.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/24/2013	150	µg/L	96.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	102	88.6-116
Lab Number: 13051249		**Sample Description: WG-05142013-JR-MW08S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	92.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/20/2013	05/23/2013	5.0	µg/L	92.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/20/2013	05/24/2013	8.0	µg/L	82.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/20/2013	05/24/2013	150	µg/L	33.0	21.7-41.8
2-FLUOROPHENOL	05/20/2013	05/24/2013	150	µg/L	50.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/20/2013	05/24/2013	150	µg/L	91.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/20/2013	10	µg/L	104	88.6-116
Lab Number: 13051250		**Sample Description: WG-05142013-JR-MW08S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	106	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	119	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	76.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	32.1	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	48.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	102	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	103	88.6-116
Lab Number: 13051250R		**Sample Description: WG-05142013-JR-MW08S1**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051250R		**Sample Description: WG-05142013-JR-MW08S1**				
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	32.4	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	51.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	111	62.3-129
Lab Number: 13051251		**Sample Description: WG-05142013-JR-MW08S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	105	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	105	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	76.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	31.6	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	49.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	91.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	20	µg/L	109	73.2-126
TOLUENE-d8		05/17/2013	20	µg/L	101	88.6-116
Lab Number: 13051252		**Sample Description: WG-05142013-JR-MW05S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	116	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	116	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	78.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	32.7	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	50.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	98.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	102	88.6-116
Lab Number: 13051253		**Sample Description: WG-05152013-JR-MW17S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	97.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	97.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	72.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	29.4	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	44.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	88.2	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	99.5	88.6-116
Lab Number: 13051254		**Sample Description: WG-05152013-JR-MW17S3B**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	103	70.5-128

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051254		**Sample Description: WG-05152013-JR-MW17S3B**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	103	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	85.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	300	µg/L	29.7	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	300	µg/L	44.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	300	µg/L	94.6 OC	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	112	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	99.8	88.6-116
Lab Number: 13051255		**Sample Description: WG-05152013-JR-MW17S3A**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	97.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	97.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	74.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	32.4	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	51.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	94.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/17/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/17/2013	10	µg/L	104	88.6-116
Lab Number: 13051256		**Sample Description: WG-05152013-MDC-AMW108D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	108	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	108	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	78.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	31.5	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	49.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	97.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	10	µg/L	102	73.2-126
TOLUENE-d8		05/20/2013	10	µg/L	104	88.6-116
Lab Number: 13051257		**Sample Description: WG-05152013-MDC-AMW108S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	94.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/28/2013	5.0	µg/L	94.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	77.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	33.5	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	51.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	97.5	62.3-129

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051257		**Sample Description: WG-05152013-MDC-AMW108S**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/20/2013	10	µg/L	104	88.6-116
Lab Number: 13051258		**Sample Description: WG-05152013-MDC-MW07S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	C	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	123	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	80.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	33.9	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	51.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	107	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	1000	µg/L	103	73.2-126
TOLUENE-d8		05/20/2013	1000	µg/L	102	88.6-116
Lab Number: 13051259		**Sample Description: WG-05152013-MDC-MW07S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	108	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	108	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	72.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	30.7	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	47.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	95.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/20/2013	10	µg/L	103	88.6-116
Lab Number: 13051260		**Sample Description: WG-05152013-MDC-MW07S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	107	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	107	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	75.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	31.7	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	54.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	107	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/20/2013	10	µg/L	109	88.6-116
Lab Number: 13051261		**Sample Description: Trip Blank**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/20/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/20/2013	10	µg/L	102	88.6-116

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051321		**Sample Description: WG-05142013-MC-MW09S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	107	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	107	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	70.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	31.9	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	51.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	108	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	40	µg/L	104	73.2-126
TOLUENE-d8		05/21/2013	40	µg/L	101	88.6-116

Data Qualifiers:
OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	05/22/2013	1NX5142	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/22/2013	2NX5142	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/23/2013	3NX5142	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/23/2013	4NX5142	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/28/2013	1NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/28/2013	2NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/29/2013	3NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/29/2013	4NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/29/2013	5NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/22/2013	1NX5142	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/22/2013	2NX5142	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/23/2013	3NX5142	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/23/2013	4NX5142	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/28/2013	1NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/28/2013	2NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/29/2013	3NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/29/2013	4NX5148	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/23/2013	1EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/23/2013	2EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/24/2013	3EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/24/2013	4EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/24/2013	5EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/28/2013	1EX3148	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/28/2013	2EX3148	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/29/2013	3IC1149	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/29/2013	4IC1149	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/24/2013	1IC2144	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/24/2013	2IC2144	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/24/2013	3IC2144	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/24/2013	4IC2144	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/24/2013	5IC2144	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/24/2013	6IC2144	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	18IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	19IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/21/2013	20IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/22/2013	5IP4142	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/20/2013	6IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/22/2013	6IP4142	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/20/2013	7IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/20/2013	8IP4140	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/20/2013	9IP4140	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	05/23/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/23/2013	1MS6143	100	96.6	µg/ml	96.6 CE

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

2,3,4,6-Tetrachlorophenol	05/23/2013	1MS6143	100	96.6	µg/ml	96.6 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051230	1MS6143	WG-05132013-JR-MW130S3
13051231	1MS6143	WG-05132013-JR-MW130S2
13051232	1MS6143	WG-05132013-JR-MW130S1
13051233	1MS6143	WG-05132013-JR-MW133S2S3
13051234	1MS6143	WG-05132013-MDC-AMW3
13051235	1MS6143	WG-05132013-MDC-AMW105D
13051236	1MS6143	WG-05132013-MDC-AMW105S
13051237	1MS6143	WG-05132013-MDC-AMW142S2S3
13051238	1MS6143	WG-05142013-MDC-MW09S3
13051239	1MS6143	WG-05142013-MDC-AMW16S
13051240	1MS6143	WG-05142013-MDC-AMW16D

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/23/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/23/2013	2MS6143	100	100	µg/ml	99.9 CE
2,3,4,6-Tetrachlorophenol	05/23/2013	2MS6143	100	100	µg/ml	99.9 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051230	1MS6143	WG-05132013-JR-MW130S3
13051231	1MS6143	WG-05132013-JR-MW130S2
13051232	1MS6143	WG-05132013-JR-MW130S1
13051233	1MS6143	WG-05132013-JR-MW133S2S3
13051234	1MS6143	WG-05132013-MDC-AMW3
13051235	1MS6143	WG-05132013-MDC-AMW105D
13051236	1MS6143	WG-05132013-MDC-AMW105S
13051237	1MS6143	WG-05132013-MDC-AMW142S2S3
13051238	1MS6143	WG-05142013-MDC-MW09S3
13051239	1MS6143	WG-05142013-MDC-AMW16S
13051240	1MS6143	WG-05142013-MDC-AMW16D
13051241	2MS6143	WG-05142013-MDC-AMW4D
13051242	2MS6143	WG-05142013-MDC-AMW4S
13051243	2MS6143	WG-05142013-MDC-AMW8D
13051244	2MS6143	WG-05142013-MDC-AMW8S
13051245	2MS6143	WG-05142013-MDC-AMW104
13051246	2MS6143	WG-05142013-JR-MW11S3A
13051247	2MS6143	WG-05142013-JR-MW11S1
13051248	2MS6143	WG-05142013-JR-MW32S1
13051249	2MS6143	WG-05142013-JR-MW08S2

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/28/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/28/2013	1MS6148	100	98.6	µg/ml	98.6 CE

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

2,3,4,6-Tetrachlorophenol	05/28/2013	1MS6148	100	98.6	µg/ml	98.6 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051250	1MS6148	WG-05142013-JR-MW08S1
13051251	1MS6148	WG-05142013-JR-MW08S3
13051252	1MS6148	WG-05142013-JR-MW05S3
13051253	1MS6148	WG-05152013-JR-MW17S1
13051254	1MS6148	WG-05152013-JR-MW17S3B
13051255	1MS6148	WG-05152013-JR-MW17S3A
13051256	1MS6148	WG-05152013-MDC-AMW108D
13051257	1MS6148	WG-05152013-MDC-AMW108S
13051258	1MS6148	WG-05152013-MDC-MW07S1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/28/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/28/2013	2MS6148	100	101	µg/ml	101 CE
2,3,4,6-Tetrachlorophenol	05/28/2013	2MS6148	100	101	µg/ml	101 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051250	1MS6148	WG-05142013-JR-MW08S1
13051251	1MS6148	WG-05142013-JR-MW08S3
13051252	1MS6148	WG-05142013-JR-MW05S3
13051253	1MS6148	WG-05152013-JR-MW17S1
13051254	1MS6148	WG-05152013-JR-MW17S3B
13051255	1MS6148	WG-05152013-JR-MW17S3A
13051256	1MS6148	WG-05152013-MDC-AMW108D
13051257	1MS6148	WG-05152013-MDC-AMW108S
13051258	1MS6148	WG-05152013-MDC-MW07S1
13051321	2MS6148	WG-05142013-MC-MW09S1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/29/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/29/2013	1MS6149	100	106	µg/ml	106 CE
2,3,4,6-Tetrachlorophenol	05/29/2013	1MS6149	100	106	µg/ml	106 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051259	1MS6149	WG-05152013-MDC-MW07S2
13051260	1MS6149	WG-05152013-MDC-MW07S3
13051250R	1MS6149	WG-05142013-JR-MW08S1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	05/16/2013	1MS5136	CCV recovery acceptable for this Instrument Batch.			

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/03/2013
Date Received: 05/15/2013
Continental File No: 7775
Continental Order No: 111006

OXY Volatiles by 8260	05/17/2013	1MS5137	CCV recovery acceptable for this Instrument Batch.
OXY Volatiles by 8260	05/20/2013	1MS5140	CCV recovery acceptable for this Instrument Batch.
OXY Volatiles by 8260	05/21/2013	1MS5141	CCV recovery acceptable for this Instrument Batch.
OXY Volatiles by 8260	05/17/2013	1MS8137	CCV recovery acceptable for this Instrument Batch.

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -

CAS ORDER NO. 5/16/13

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES

COC NO.: 37905

Address: 8615 W. Bryn Mawr, Chicago, IL

CAS ORDER NO: 111606

PAGE 1 OF 3

Phone: 773-380-9933 Fax: 773-380-6421

(See Reverse Side for Instructions)

SSOW #257-400-D00-3100 Report/EDD 05/29/13

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: Continental Analytical	Lab Location: Salina, KS	SSOW ID:
Project Name: OXY CHEM	Lab Contact: Cliff Barker	Lab Quote No:	Cooler No:
Project Location: Wichita, KS			Carrier: Continental Analytical Courier
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Raye Mark Coy			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Herbicide/Pesticide	Chloride/Hardness							MS/MSD Request	Comments/ Special Instructions:
1	WG-05132013-JR-MW13OS3	5/13/13	1405	WG	G	5	3							8	X	X	X	X								
2	WG-05132013-JR-MW13OS2	5/13/13	1445			5	3							8	X	X	X	X								
3	WG-05132013-JR-MW13OS1	5/13/13	1525			5	3							8	X	X	X	X								
4	WG-05132013-JR-MW13SS2S3	5/13/13	1620			5	3							8	X	X	X	X								
5	WG-05132013-MDC-AMW3	5/13/13	16[illegible]			5	3							8	X	X	X	X								
6	WG-05132013-MDC-AMW105D	5/13/13	1345			5	3							8	X	X	X	X								
7	WG-05132013-MDC-AMW105S	5/13/13	1425			5	3							8	X	X	X	X								
8	WG-05132013-MDC-MW14252S3	5/13/13	1448			5	3							8	X	X	X	X								
9	WG-05142013-MDC-MW09S3	5/14/13	0845			5	3							8	X	X	X	X								
10	WG-05142013-MDC-AMW16S	5/14/13	0935			5	3							8	X	X	X	X								
11	WG-05142013-MDC-AMW16D	5/14/13	10:15			5	3							8	X	X	X	X								
12	WG-05142013-MDC-AMW4D	5/14/13	10:50			5	3							8	X	X	X	X								
13	WG-05142013-MDC-AMW4S	5/14/13	11:15			5	3							8	X	X	X	X								
14	WG-05142013-MDC-AMW8D	5/14/13	1440			5	3							8	X	X	X	X								
15	WG-05142013-MDC-AMW8S	5/14/13	15:15			5	3							8	X	X	X	X								

Edits made prior to sample receipt

Discrepancies See C/S RF

5/16/13

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time		Received By	Company	Date	Time
1.	[signature]	CRA	5/15/13	1510	1.	[signature]	CAS	5/15/13	1510
2.	[signature]	CAS	5/15/13	1705	2.	[signature]	CAS	5-15-13	1705
3.					3.				

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO: 111000
COC NO.: 37906
PAGE 2 OF 3

Address: 8615 W. Bryn Mawr Chicago, IL 60631
Phone: 773-380-9933 Fax: 773-399-3100
SSOW# 251-408 Report/EDD 05/29/13
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: Continental Analytical	Lab Location: Salina, KS	SSOW ID:
Project Name: OXY CHEM	Lab Contact: Cliff Barker	Lab Quote No:	Cooler No:
Project Location: Wichita KS			Carrier: Continental Analytical Courier
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Raye Mark Cox			Date Shipped:

#	Sample Identification (Combine date and sample site designation on one line)	Date (mm/dd/yyyy)	Time (24:00)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5g, 1x25g	Other:	Total Containers/Sample	VOC	SVOC	Herbicide Pesticide	Chlorinated Herbicide							MS/MSD Request	Special Instructions:
1	WG-05142013-MDC-AMW104	5/14/13	1600	WG	G	5	3							8	X	X	X	X								
2	WG-05142013-JR-MW1153A		0905			5	3							8	X	X	X	X								
3	WG-05142013-JR-MW1151		0945			5	3							8	X	X	X	X								Edits made prior to sample receipt
4	WG-05142013-JR-MW3251		1105			5	3							8	X	X	X	X								
5	WG-05142013-JR-MW0852		1330			5	3							8	X	X	X	X								
6	WG-05142013-JR-MW0851		1420			5	3							8	X	X	X	X								
7	WG-05142013-JR-MW0853		1455			5	3							8	X	X	X	X								
8	WG-05142013-JR-MW0553		1600			5	3							8	X	X	X	X								
9	WG-05152013-JR-MW1751	5/15/13	0900			5	3							8	X	X	X	X								
10	WG-05152013-JR-MW1753B		0940			5	3							8	X	X	X	X								
11	WG-05152013-JR-MW1753A		1000			5	3							8	X	X	X	X								
12	WG-05152013-MDC-AMW108D		0855			5	3							8	X	X	X	X								
13	WG-05152013-MDC-AMW108S		0930			5	3							8	X	X	X	X								
14	WG-05152013-MDC-MW0751		1035			5	3							8	X	X	X	X								
15	WG-05152013-MDC-MW0752		1130			5	3							8	X	X	X	X								

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:
All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	[signature]	CRA	5/15/13	1510	[signature]	CAS	5/15/13	1510
2.	[signature]	CAS	5/15/13	1705	[signature]	CAS	5-15-13	1710
3.								

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

CAS ORDER NO: 111006

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES

COC NO.: 37907

PAGE 3 OF 3

Address: 8615 W. Bryn Mawr Ave, Chicago, IL 60631

Phone: 773-380-9933 Fax:

(See Reverse Side for Instructions)

SSOW #257-402-D02-3100 Report/EDD-0572913

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: Continental Analytical Services	Lab Location: Salina KS	SSOW ID:
Project Name: Oxy Chem	Lab Contact: Cliff Barker	Lab Quote No:	Cooler No:
Project Location: Wichita KS			Carrier: Continental Courier
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Rage Mark Cox			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Herbicides/Pesticides	Chloride/Hardness							MS/MSD Request	Comments Special Instructions:
1	WG-0515213-MDC-MW07S3	5/15/13	1230	WG	G	5	3							8	X	X	X	X								
2	Trip Blank	5/15/13	1300	WG			3							3	X											
3																										Edits made prior to sample receipt
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time		Received By	Company	Date	Time
1.	[signature]	CRA	5/15/13	1310	1.	[signature]	CAS	5/15/13	1510
2.	[signature]	CAS	5/15/13	1705	2.	[signature]	CAS	5-15-13	1705
3.					3.				

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111086

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW1751, MW1753B 4LA, 250P
MW1753A 2LA, 250P

Cooler 1 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/15/13 17 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.6
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Tbermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5
☐ Evidence of Cooling and date received = date sampled

PR 5-15-13

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: mw **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111006

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW 1151, MW 1153A 4LA, 250P

Cooler 2 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3293 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 17 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ✓ Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.9 Corrected Reading (°C) 2.4
Temp. By: Temp. Blank / Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

PG 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☑ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWor **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111006

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW 1753A 2LA

MW13051, MW1335253 YLA, 250P

Cooler 3 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3891 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 15 / 13 10 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.5 Corrected Reading (°C) 1.0

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

AG 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample exeluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require eooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail aetions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111066

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW0753 - 2LA - 250P

AMW 1085, AMW 108D 4LA, 250P

Cooler 4 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3190 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 17 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ___ Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.7 Corrected Reading (°C) 2.2

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

PB 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: [illegible] **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111086

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW0853 MW3251 YLA 2508
MW0553 ZLA 2500

Cooler 5 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 1938 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 17 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ☐ Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.8 Corrected Reading (°C) 1.3
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5
☐ Evidence of Cooling and date received = date sampled

PLO 5-15-13

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: RAY **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: M1066

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

AMW 08r, AMW 10Y 4LA, 2500

Cooler 6 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3682 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 10 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ✓ Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.0 Corrected Reading (°C) 0.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

PG 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111006

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

AMW08D, MW095, YLA 2508

Cooler 7 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3920 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 17 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ✓ Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.3 Corrected Reading (°C) 1.8

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

AG 5-15-13

☐ Evidence of Cooling and date received = date sampled

AG 5-16-13

Sample Receipt Discrepancies: ☐ No ☒ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments: 09S1 not on COC

Completed by: mwr **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111046

Client Name: Occidental **CAS File No.:** 7775

Sample ID's in cooler:

VOC's
MW 142 52/53 3LA
AMW 3 LA

Cooler 8 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3574 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/15/13 12:05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.4 Corrected Reading (°C) 2.9
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

PG 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☐ No ☒ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☒ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments: MW 13051 - 1 VOC has bubble

Completed by: MW **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111036

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW0751 MW0752 YLA 2508
MW0753 2LA

Cooler 9 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3733 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 12 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ✓ Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.5 Corrected Reading (°C) 3.0
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

AB 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: [illegible] **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111006

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

~~AMW-08D~~ ~~MW09S1~~ ~~YLA, 250P~~
MWS-5-16-13

AMW16S MW09S3 YLA 250P
AMW4S 2LA

Cooler 10 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3908 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 15 / 13 17:05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:
Seal Name: Seal Date:
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.3 Corrected Reading (°C) 0.8
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:
Thermo. ID No.: S85 Thermo. Correction Factor (°C): 0.5

PC 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: mwr **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111006

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

AMW10S AMW10D 4LA 2500
AMW3 2LA

Cooler 11 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3910 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 17 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.1 Corrected Reading (°C) 0.6
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 555 Thermo. Correetion Factor (°C): 0.5
5-15-13
☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample exeluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exeeeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWr **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111004

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW0852, MW0851 YLA 250P
MW0853 2LA

Cooler 12 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3909 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 12 : 05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ∅ Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.9 Corrected Reading (°C) 1.4
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 555 Thermo. Correction Factor (°C): 0.5

AG 5-15-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111006

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW 13053, MW 13052 YLA 2508
AMW3, MW14252/53 LA

Cooler 13 **of** 13 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 1106 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 15 / 13 12:05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 1.0 Corrected Reading (°C) 1.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: [signature] **Date Completed:** 5-16-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111086

Client Name: OXY

CAS File No.: 775

Sample ID's in cooler: See COC

AMW16D AMW 4D 4LA 250P
AMW 4S 2LA 250P
AMW3 MW12 S2/S3 250P

Cooler 14 **of** 14 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3892 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 15 / 13 17:05

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.6 Corrected Reading (°C) 2.1
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
MW 5-15-13 Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-16-13

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/17/2013 1450
Continental File No.: 7775
Continental Order No.: 111093
Project ID: 054046/042407
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 104 pages for the analytical report, 3 page(s) for the chain of custody and/or analysis request, and 16 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13051592	WG-05152013-MDC-MW26S1	Liquid	5/15/2013
13051593	WG-05152013-MDC-MW26S3	Liquid	5/15/2013
13051594	WG-05152013-MDC-IW40	Liquid	5/15/2013
13051595	WG-05152013-JR-MW28S1	Liquid	5/15/2013
13051596	WG-05152013-JR-MW28S3	Liquid	5/15/2013
13051597	WG-05152013-JR-MW28S2	Liquid	5/15/2013
13051598	WG-05152013-JR-FD4	Liquid	5/15/2013
13051599	WG-05162013-MC-AMW101D	Liquid	5/16/2013
13051600	WG-05162013-MC-AMW101I	Liquid	5/16/2013
13051601	WG-05162013-MC-AMW101S	Liquid	5/16/2013
13051602	WG-05162013-MC-AMW5S	Liquid	5/16/2013
13051603	WG-05162013-MC-AMW5D	Liquid	5/16/2013
13051604	WG-05162013-MC-AMW107D	Liquid	5/16/2013
13051605	WG-05162013-MC-AMW107S	Liquid	5/16/2013
13051606	WG-05162013-MC-MW141S2/S3	Liquid	5/16/2013
13051607	WG-05162013-MC-IW42	Liquid	5/16/2013
13051608	WG-05162013-MC-IW29	Liquid	5/16/2013
13051608R	WG-05162013-MC-IW29	Liquid	5/16/2013
13051609	WG-05162013-JR-MW10S2	Liquid	5/16/2013
13051610	WG-05162013-JR-MW10S1	Liquid	5/16/2013
13051611	WG-05162013-JR-MW10S3	Liquid	5/16/2013
13051612	WG-05162013-JR-MW30S1	Liquid	5/16/2013
13051613	WG-05162013-JR-MW30S3	Liquid	5/16/2013
13051614	WG-05162013-JR-MW06S3	Liquid	5/16/2013
13051615	WG-05162013-JR-MW06S1	Liquid	5/16/2013
13051616	WG-05172013-JR-MW06BR	Liquid	5/17/2013
13051617	WG-05172013-MC-IW35A	Liquid	5/17/2013
13051618	WG-05172013-MC-IW35B	Liquid	5/17/2013
13051619	WG-05172013-MC-IW44	Liquid	5/17/2013
13051619R	WG-05172013-MC-IW44	Liquid	5/17/2013
13051620	WG-05172013-MC-IW43	Liquid	5/17/2013
13051620R	WG-05172013-MC-IW43	Liquid	5/17/2013

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13051621	WG-05172013-MC-IW36	Liquid	5/17/2013
13051622	WG-05172013-MC-IW32	Liquid	5/17/2013
13051622R	WG-05172013-MC-IW32	Liquid	5/17/2013
13051623	WG-05172013-MC-IW31	Liquid	5/17/2013
13051624	WG-05172013-MC-IW30	Liquid	5/17/2013
13051625	WG-05172013-JR-MW143S2S3	Liquid	5/17/2013
13051626	WG-05172013-JR-FD5	Liquid	5/17/2013
13051627	Trip Blank (Client Cooler)	Liquid	5/17/2013
13051628	Trip Blank	Liquid	5/17/2013

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830

KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051592
Sample Description: WG-05152013-MDC-MW26S1

Date Sampled: 05/15/2013
Time Sampled: 1420

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	3.9	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	353	mg/L as CaCO3	7157/587
Chloride	84	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0313	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0313	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1829	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 2212	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1408	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1526	130522-4	4IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 1734	2IC1149	3IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051592

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051593
Sample Description: WG-05152013-MDC-MW26S3

Date Sampled: 05/15/2013
Time Sampled: 1505

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	0.024	µg/L	7360/26
B-BHC	ND(0.037)	µg/L	7360/26
G-BHC	ND(0.052)	µg/L	7360/26
Hexachloroethane	ND(0.02)	µg/L	7360/26
Hexachlorobutadiene	ND(0.02)	µg/L	7360/26
Hexachlorobenzene	ND(0.10)	µg/L	7360/26
D-BHC	ND(0.05)	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	630.	mg/L as CaCO3	7157/588
Chloride	177	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0353	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0353	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1155	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 2258	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1433	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1538	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 1746	2IC1149	3IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051593

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051594
Sample Description: WG-05152013-MDC-IW40

Date Sampled: 05/15/2013
Time Sampled: 1550

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/25
B-BHC	ND(0.037)	µg/L	7360/25
G-BHC	ND(0.052)	µg/L	7360/25
Hexachloroethane	ND(0.02)	µg/L	7360/25
Hexachlorobutadiene	ND(0.02)	µg/L	7360/25
Hexachlorobenzene	ND(0.10)	µg/L	7360/25
D-BHC	ND(0.05)	µg/L	7360/25
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5) QC	µg/L	7348/78
1,2-Dichloroethane	ND(0.5) QC	µg/L	7348/78
Benzene	ND(0.5) QC	µg/L	7348/78
Carbon tetrachloride	14.4	µg/L	7348/78
Chloroform	3.1	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5) QC	µg/L	7348/78
Tetrachloroethylene	ND(0.5) QC	µg/L	7348/78
Trichloroethylene	ND(0.5) QC	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5) QC	µg/L	7348/78
Hardness (Calculated)	463	mg/L as CaCO3	7157/588
Chloride	254	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0432	130521-2	2NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0432	130521-2	2NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/24/13 1912	130521-1	4EX3143	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/28/13 2344	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1459	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1542	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 1824	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051594

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051595
Sample Description: WG-05152013-JR-MW28S1

Date Sampled: 05/15/2013
Time Sampled: 1405

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/26
B-BHC	ND(0.037)	µg/L	7360/26
G-BHC	ND(0.052)	µg/L	7360/26
Hexachloroethane	ND(0.02)	µg/L	7360/26
Hexachlorobutadiene	ND(0.02)	µg/L	7360/26
Hexachlorobenzene	ND(0.10)	µg/L	7360/26
D-BHC	ND(0.05)	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	308	mg/L as CaCO3	7157/588
Chloride	97	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0710	130521-2	3NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0710	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1238	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 0203	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1617	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1559	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2027	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051595

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051596
Sample Description: WG-05152013-JR-MW28S3

Date Sampled: 05/15/2013
Time Sampled: 1445

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/26
B-BHC	0.072	µg/L	7360/26
G-BHC	ND(0.052)	µg/L	7360/26
Hexachloroethane	ND(0.02)	µg/L	7360/26
Hexachlorobutadiene	ND(0.02)	µg/L	7360/26
Hexachlorobenzene	ND(0.10)	µg/L	7360/26
D-BHC	ND(0.05)	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	89.3	µg/L	7348/78
Chloroform	5.7	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	133	mg/L as CaCO3	7157/588
Chloride	47.3	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0749	130521-2	3NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0749	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1320	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 0249	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1642	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1603	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2039	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051596

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051597
Sample Description: WG-05152013-JR-MW28S2

Date Sampled: 05/15/2013
Time Sampled: 1515

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	0.041	µg/L	7360/26
B-BHC	0.107	µg/L	7360/26
G-BHC	ND(0.052)	µg/L	7360/26
Hexachloroethane	ND(0.02)	µg/L	7360/26
Hexachlorobutadiene	ND(0.02)	µg/L	7360/26
Hexachlorobenzene	ND(0.10)	µg/L	7360/26
D-BHC	ND(0.05)	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	5.6	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	345	mg/L as CaCO3	7157/588
Chloride	603	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0829	130521-2	3NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0829	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1402	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 0335	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1708	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1607	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2052	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051597

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051598
Sample Description: WG-05152013-JR-FD4

Date Sampled: 05/15/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/26
B-BHC	0.070	µg/L	7360/26
G-BHC	ND(0.052)	µg/L	7360/26
Hexachloroethane	ND(0.02)	µg/L	7360/26
Hexachlorobutadiene	ND(0.02)	µg/L	7360/26
Hexachlorobenzene	ND(0.10)	µg/L	7360/26
D-BHC	ND(0.05)	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	83.6	µg/L	7348/78
Chloroform	5.3	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	134	mg/L as CaCO3	7157/588
Chloride	45	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0908	130521-2	3NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0908	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1444	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 0421	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1734	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1612	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2105	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051598

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051599
Sample Description: WG-05162013-MC-AMW101D

Date Sampled: 05/16/2013
Time Sampled: 0845

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/27
Pentachlorophenol	ND(0.5)	µg/L	7370/27
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/26
B-BHC	ND(0.037)	µg/L	7360/26
G-BHC	ND(0.052)	µg/L	7360/26
Hexachloroethane	ND(0.02)	µg/L	7360/26
Hexachlorobutadiene	ND(0.02)	µg/L	7360/26
Hexachlorobenzene	ND(0.10)	µg/L	7360/26
D-BHC	ND(0.05)	µg/L	7360/26
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/171
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/171
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/171
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/171
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/171
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	361	mg/L as CaCO3	7157/588
Chloride	60.	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/21/13 1130	05/29/13 0947	130521-2	3NX5148	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/21/13 1130	05/29/13 0947	130521-2	3NX5148	JMM	8151A(M)
OXY Chlorinated Hyd.	05/21/13 0830	05/28/13 1527	130521-1	1EX3148	JMM	8121
OXY GC/MS Acids	05/21/13 1530	05/29/13 0508	130521-3	2MS6148	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1800	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1616	130522-4	5IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2118	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051599

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051600
Sample Description: WG-05162013-MC-AMW101I

Date Sampled: 05/16/2013
Time Sampled: 0930

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	334	mg/L as CaCO3	7157/588
Chloride	55	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 1634	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 1634	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 1714	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1007	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1825	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1628	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2130	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051600

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051601
Sample Description: WG-05162013-MC-AMW101S

Date Sampled: 05/16/2013
Time Sampled: 0952

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	165	mg/L as CaCO3	7157/588
Chloride	56	mg/L	7276/173

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 1713	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 1713	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 1756	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1053	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1851	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1632	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/29/13 2143	2IC1149	4IC1149	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051601

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051602
Sample Description: WG-05162013-MC-AMW5S

Date Sampled: 05/16/2013
Time Sampled: 1045

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	406	mg/L as CaCO3	7157/588
Chloride	108	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 1752	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 1752	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 2033	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1140	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1917	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1637	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1452	1IC2150	1IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051602

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051603
Sample Description: WG-05162013-MC-AMW5D

Date Sampled: 05/16/2013
Time Sampled: 1115

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	0.5	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	1.2	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	439	mg/L as CaCO3	7157/588
Chloride	100.	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 1832	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 1832	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 2115	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1226	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 1943	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1641	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1505	1IC2150	1IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051603

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051604
Sample Description: WG-05162013-MC-AMW107D

Date Sampled: 05/16/2013
Time Sampled: 1315

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	ND(0.5)	µg/L	7348/78
Chloroform	ND(0.5)	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	1.3	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	375	mg/L as CaCO3	7157/588
Chloride	114	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 1911	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 1911	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 2157	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1312	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 2009	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1645	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1517	1IC2150	1IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051604

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051605
Sample Description: WG-05162013-MC-AMW107S

Date Sampled: 05/16/2013
Time Sampled: 1355

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	1.4	µg/L	7348/78
Chloroform	1.5	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	429	mg/L as CaCO3	7157/588
Chloride	88	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 1950	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 1950	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 2240	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1359	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 2035	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1649	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1530	1IC2150	1IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051605

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051606
Sample Description: WG-05162013-MC-MW141S2/S3

Date Sampled: 05/16/2013
Time Sampled: 1500

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/78
1,2-Dichloroethane	ND(0.5)	µg/L	7348/78
Benzene	ND(0.5)	µg/L	7348/78
Carbon tetrachloride	2.2	µg/L	7348/78
Chloroform	2.3	µg/L	7348/78
Chloromethane	ND(0.5)	µg/L	7348/78
Methylene chloride	ND(0.5)	µg/L	7348/78
Tetrachloroethylene	ND(0.5)	µg/L	7348/78
Trichloroethylene	ND(0.5)	µg/L	7348/78
Vinyl chloride	ND(0.5)	µg/L	7348/78
1,2-Dichloropropane	ND(0.5)	µg/L	7348/78
Hardness (Calculated)	151	mg/L as CaCO3	7157/588
Chloride	14.8	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 2030	130523-2	1NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 2030	130523-2	1NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/29/13 2322	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1445	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 2101	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/22/13 1222	05/28/13 1653	130522-4	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1543	1IC2150	1IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051606

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051607
Sample Description: WG-05162013-MC-IW42

Date Sampled: 05/16/2013
Time Sampled: 1600

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	0.148	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	ND(0.5)	µg/L	7348/79
Chloroform	ND(0.5)	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	198	mg/L as CaCO3	7157/585
Chloride	84	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 2148	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 2148	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0004	130522-5	1EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1532	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1317	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/23/13 2336	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1556	1IC2150	1IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051607

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051608
Sample Description: WG-05162013-MC-IW29

Date Sampled: 05/16/2013
Time Sampled: 1430

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	81	µg/L	7370/28
Pentachlorophenol	13	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	0.35	µg/L	7360/27
B-BHC	ND(0.74)	µg/L	7360/27
G-BHC	ND(1.0)	µg/L	7360/27
Hexachloroethane	7.3	µg/L	7360/27
Hexachlorobutadiene	52.9	µg/L	7360/27
Hexachlorobenzene	ND(2.0)	µg/L	7360/27
D-BHC	ND(1)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	6.3	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	54.5	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	12.5	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	43.6	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	5.2 CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	5.2 CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	22.2	µg/L	7348/78
1,2-Dichloroethane	OC	µg/L	7348/78
Benzene	10.7	µg/L	7348/78
Carbon tetrachloride	OC	µg/L	7348/78
Chloroform	OC	µg/L	7348/78
Chloromethane	0.6	µg/L	7348/78
Methylene chloride	OC	µg/L	7348/78
Tetrachloroethylene	OC	µg/L	7348/78
Trichloroethylene	86.3	µg/L	7348/78
Vinyl chloride	2.5	µg/L	7348/78
1,2-Dichloropropane	51.9	µg/L	7348/78
Hardness (Calculated)	601	mg/L as CaCO3	7157/585
Chloride	1150	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 2228	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 2228	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0128	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1619	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/21/13 2153	1MS5141	1MS5141	RKR	8260B
Hardness (Calculated)	05/21/13 1237	05/23/13 2340	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1646	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051608

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051608R
Sample Description: WG-05162013-MC-IW29

Date Sampled: 05/16/2013
Time Sampled: 1430

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(100)	µg/L	7348/79
1,2-Dichloroethane	60 J	µg/L	7348/79
Benzene	ND(100)	µg/L	7348/79
Carbon tetrachloride	610	µg/L	7348/79
Chloroform	2650	µg/L	7348/79
Chloromethane	ND(100)	µg/L	7348/79
Methylene chloride	390	µg/L	7348/79
Tetrachloroethylene	1200	µg/L	7348/79
Trichloroethylene	ND(100)	µg/L	7348/79
Vinyl chloride	ND(100)	µg/L	7348/79
1,2-Dichloropropane	ND(100)	µg/L	7348/79

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/22/13 1343	1MS5142	1MS5142	GMA	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13051608R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051609
Sample Description: WG-05162013-JR-MW10S2

Date Sampled: 05/16/2013
Time Sampled: 0910

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	26.7	µg/L	7348/79
Chloroform	2.2	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	1.7	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	345	mg/L as CaCO3	7157/585
Chloride	134	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 2307	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 2307	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0210	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1705	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1409	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/23/13 2344	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1659	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051609

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051610
Sample Description: WG-05162013-JR-MW10S1

Date Sampled: 05/16/2013
Time Sampled: 1015

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	1.8	µg/L	7348/79
Chloroform	2.9	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	0.8	µg/L	7348/79
Trichloroethylene	0.5	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	432	mg/L as CaCO3	7157/585
Chloride	205	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/30/13 2346	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/30/13 2346	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0253	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 1752	130523-1	1MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1435	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/23/13 2348	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1712	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051610

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051611
Sample Description: WG-05162013-JR-MW10S3

Date Sampled: 05/16/2013
Time Sampled: 1100

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	ND(0.5)	µg/L	7348/79
Chloroform	ND(0.5)	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	76.3	mg/L as CaCO3	7157/585
Chloride	5.1	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0025	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0025	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0335	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 2023	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1500	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/23/13 2353	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1725	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051611

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051612
Sample Description: WG-05162013-JR-MW30S1

Date Sampled: 05/16/2013
Time Sampled: 1315

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	0.012	µg/L	7360/27
B-BHC	0.145	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	2.3	µg/L	7348/79
Chloroform	3.5	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	472	mg/L as CaCO3	7157/585
Chloride	671	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0105	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0105	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0417	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 2109	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1526	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/23/13 2357	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1737	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051612

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051613
Sample Description: WG-05162013-JR-MW30S3

Date Sampled: 05/16/2013
Time Sampled: 1400

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	0.106	µg/L	7360/27
B-BHC	0.329	µg/L	7360/27
G-BHC	0.065	µg/L	7360/27
Hexachloroethane	3.82	µg/L	7360/27
Hexachlorobutadiene	0.03	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	34.6	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	20.0	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(200)	µg/L	7348/79
1,2-Dichloroethane	ND(200)	µg/L	7348/79
Benzene	ND(200)	µg/L	7348/79
Carbon tetrachloride	13300	µg/L	7348/79
Chloroform	300	µg/L	7348/79
Chloromethane	ND(200)	µg/L	7348/79
Methylene chloride	ND(200)	µg/L	7348/79
Tetrachloroethylene	ND(200)	µg/L	7348/79
Trichloroethylene	ND(200)	µg/L	7348/79
Vinyl chloride	ND(200)	µg/L	7348/79
1,2-Dichloropropane	ND(200)	µg/L	7348/79
Hardness (Calculated)	684	mg/L as CaCO3	7157/585
Chloride	935	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0144	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0144	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 1201	130522-5	3EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 2155	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1552	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0002	130521-5	11IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1750	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051613

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051614
Sample Description: WG-05162013-JR-MW06S3

Date Sampled: 05/16/2013
Time Sampled: 1515

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	ND(0.5)	µg/L	7348/79
Chloroform	ND(0.5)	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	295	mg/L as CaCO3	7157/585
Chloride	180	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0223	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0223	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0541	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 2240	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1618	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0014	130521-5	12IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1803	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051614

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051615
Sample Description: WG-05162013-JR-MW06S1

Date Sampled: 05/16/2013
Time Sampled: 1600

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	ND(0.5)	µg/L	7348/79
Chloroform	ND(0.5)	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	239	mg/L as CaCO3	7157/585
Chloride	31.3	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0303	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0303	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0623	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/30/13 2326	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1644	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0018	130521-5	12IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1815	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051615

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051616
Sample Description: WG-05172013-JR-MW06BR

Date Sampled: 05/17/2013
Time Sampled: 0830

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/27
B-BHC	ND(0.037)	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	ND(0.02)	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	ND(0.5)	µg/L	7348/79
Chloroform	ND(0.5)	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	1940	mg/L as CaCO3	7157/586
Chloride	67	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0342	130523-2	2NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0342	130523-2	2NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0705	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/31/13 0012	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1709	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 1748	130521-5	3IP4144	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1828	1IC2150	2IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051616

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051617
Sample Description: WG-05172013-MC-IW35A

Date Sampled: 05/17/2013
Time Sampled: 0730

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	0.016	µg/L	7360/27
B-BHC	0.861	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	0.17	µg/L	7360/27
Hexachlorobutadiene	0.29	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(2)	µg/L	7348/79
1,2-Dichloroethane	ND(2)	µg/L	7348/79
Benzene	ND(2)	µg/L	7348/79
Carbon tetrachloride	119	µg/L	7348/79
Chloroform	106	µg/L	7348/79
Chloromethane	ND(2)	µg/L	7348/79
Methylene chloride	ND(2)	µg/L	7348/79
Tetrachloroethylene	29	µg/L	7348/79
Trichloroethylene	ND(2)	µg/L	7348/79
Vinyl chloride	ND(2)	µg/L	7348/79
1,2-Dichloropropane	ND(2)	µg/L	7348/79
Hardness (Calculated)	324	mg/L as CaCO3	7157/585
Chloride	170	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0500	130523-2	3NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0500	130523-2	3NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0747	130522-5	2EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/31/13 0057	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1735	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0027	130521-5	12IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1919	1IC2150	3IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051617

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051618
Sample Description: WG-05172013-MC-IW35B

Date Sampled: 05/17/2013
Time Sampled: 0745

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	0.7	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	0.086	µg/L	7360/27
B-BHC	1.68	µg/L	7360/27
G-BHC	ND(0.10)	µg/L	7360/27
Hexachloroethane	5.61	µg/L	7360/27
Hexachlorobutadiene	1.4	µg/L	7360/27
Hexachlorobenzene	ND(0.20)	µg/L	7360/27
D-BHC	0.1	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	12.0	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	5.2	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(50)	µg/L	7348/79
1,2-Dichloroethane	ND(50)	µg/L	7348/79
Benzene	ND(50)	µg/L	7348/79
Carbon tetrachloride	1960	µg/L	7348/79
Chloroform	2860	µg/L	7348/79
Chloromethane	ND(50)	µg/L	7348/79
Methylene chloride	ND(50)	µg/L	7348/79
Tetrachloroethylene	640	µg/L	7348/79
Trichloroethylene	ND(50)	µg/L	7348/79
Vinyl chloride	ND(50)	µg/L	7348/79
1,2-Dichloropropane	ND(50)	µg/L	7348/79
Hardness (Calculated)	405	mg/L as CaCO3	7157/585
Chloride	592	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0540	130523-2	3NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0540	130523-2	3NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 1243	130522-5	3EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/31/13 0143	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1801	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0031	130521-5	12IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1932	1IC2150	3IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051618

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051619
Sample Description: WG-05172013-MC-IW44

Date Sampled: 05/17/2013
Time Sampled: 0820

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/28
B-BHC	ND(0.037)	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	0.03 B	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0) QC	µg/L	7326/175
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/175
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(5)	µg/L	7348/79
1,2-Dichloroethane	ND(5)	µg/L	7348/79
Benzene	ND(5)	µg/L	7348/79
Carbon tetrachloride	386	µg/L	7348/79
Chloroform	11	µg/L	7348/79
Chloromethane	ND(5)	µg/L	7348/79
Methylene chloride	ND(5)	µg/L	7348/79
Tetrachloroethylene	ND(5)	µg/L	7348/79
Trichloroethylene	ND(5)	µg/L	7348/79
Vinyl chloride	ND(5)	µg/L	7348/79
1,2-Dichloropropane	ND(5)	µg/L	7348/79
Hardness (Calculated)	297	mg/L as CaCO3	7157/585
Chloride	136	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 1853	130523-4	1NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 1853	130523-4	1NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/03/13 1602	130524-1	1EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1309	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/22/13 1827	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0036	130521-5	12IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 1944	1IC2150	3IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051619

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051619R
Sample Description: WG-05172013-MC-IW44

Date Sampled: 05/17/2013
Time Sampled: 0820

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	0.03	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/05/13 1907	130605-1	4EX3155	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13051619R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051620
Sample Description: WG-05172013-MC-IW43

Date Sampled: 05/17/2013
Time Sampled: 0845

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/28
Pentachlorophenol	ND(0.5)	µg/L	7370/28
OXY Chlorinated Hyd.			
A-BHC	0.069	µg/L	7360/27
B-BHC	0.230	µg/L	7360/27
G-BHC	ND(0.052)	µg/L	7360/27
Hexachloroethane	0.59	µg/L	7360/27
Hexachlorobutadiene	ND(0.02)	µg/L	7360/27
Hexachlorobenzene	ND(0.10)	µg/L	7360/27
D-BHC	ND(0.05)	µg/L	7360/27
OXY GC/MS Acids	SR		
2-Chlorophenol	6.5	µg/L	7326/174
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/174
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/174
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/174
2,4,6-Trichlorophenol	5.2	µg/L	7326/174
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/174
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	1.2	µg/L	7348/79
Carbon tetrachloride	OC	µg/L	7348/79
Chloroform	56.2	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	ND(0.5)	µg/L	7348/79
Tetrachloroethylene	1.0	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79
Hardness (Calculated)	530.	mg/L as CaCO3	7157/585
Chloride	523 QC	mg/L	7277/257

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1230	05/31/13 0619	130523-2	3NX5150	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1230	05/31/13 0619	130523-2	3NX5150	JMM	8151A(M)
OXY Chlorinated Hyd.	05/22/13 1700	05/30/13 0954	130522-5	3EX3149	JMM	8121
OXY GC/MS Acids	05/23/13 0900	05/31/13 0229	130523-1	2MS6150	BLP	8270C
OXY Volatiles by 8260	N/A	05/22/13 1853	1MS5142	1MS5142	GMA	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 0040	130521-5	12IP4143	KMW	6010B & SM 2340B
Chloride	N/A	05/31/13 1321	1IC2151	2IC2151	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051620

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051620R
Sample Description: WG-05172013-MC-IW43

Date Sampled: 05/17/2013
Time Sampled: 0845

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(100)	µg/L	7348/80
1,2-Dichloroethane	ND(100)	µg/L	7348/80
Benzene	ND(100)	µg/L	7348/80
Carbon tetrachloride	1800	µg/L	7348/80
Chloroform	100	µg/L	7348/80
Chloromethane	ND(100)	µg/L	7348/80
Methylene chloride	ND(100)	µg/L	7348/80
Tetrachloroethylene	ND(100)	µg/L	7348/80
Trichloroethylene	ND(100)	µg/L	7348/80
Vinyl chloride	ND(100)	µg/L	7348/80
1,2-Dichloropropane	ND(100)	µg/L	7348/80

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/23/13 2009	1MS5143	1MS5143	JMM	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13051620R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051621
Sample Description: WG-05172013-MC-IW36

Date Sampled: 05/17/2013
Time Sampled: 0915

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	0.022	µg/L	7360/28
B-BHC	0.298	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	ND(0.02)	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0) QC	µg/L	7326/175
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/175
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	19.5	µg/L	7348/80
Chloroform	5.8	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	0.8	µg/L	7348/80
Trichloroethylene	ND(0.5)	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80
Hardness (Calculated)	762	mg/L as CaCO3	7157/586
Chloride	910	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 1932	130523-4	1NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 1932	130523-4	1NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/03/13 1644	130524-1	1EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1355	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 2126	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/21/13 1237	05/24/13 1752	130521-5	3IP4144	KMW	6010B & SM 2340B
Chloride	N/A	05/31/13 0529	3IC2150	7IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051621

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051622
Sample Description: WG-05172013-MC-IW32

Date Sampled: 05/17/2013
Time Sampled: 0930

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	32 QC	µg/L	7370/31
Pentachlorophenol	140 QC	µg/L	7370/31
OXY Chlorinated Hyd.	SR		
A-BHC	0.768	µg/L	7360/28
B-BHC	1.49 E FC	µg/L	7360/28
G-BHC	0.524 E FC	µg/L	7360/28
Hexachloroethane	11.2 B	µg/L	7360/28
Hexachlorobutadiene	1.9 B	µg/L	7360/28
Hexachlorobenzene	ND(0.40)	µg/L	7360/28
D-BHC	0.42	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0) QC	µg/L	7326/175
3-& 4-Chlorophenol	8.3	µg/L	7326/175
2,4-Dichlorophenol	161	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	50.2	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	70.0	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	26.6 CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	26.6 CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(5)	µg/L	7348/80
1,2-Dichloroethane	82	µg/L	7348/80
Benzene	249	µg/L	7348/80
Carbon tetrachloride	234	µg/L	7348/80
Chloroform	504	µg/L	7348/80
Chloromethane	ND(5)	µg/L	7348/80
Methylene chloride	63	µg/L	7348/80
Tetrachloroethylene	157	µg/L	7348/80
Trichloroethylene	51	µg/L	7348/80
Vinyl chloride	ND(5)	µg/L	7348/80
1,2-Dichloropropane	ND(5)	µg/L	7348/80
Hardness (Calculated)	701	mg/L as CaCO3	7157/588
Chloride	2290	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 2011	130523-4	1NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 2011	130523-4	1NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 1007	130524-1	4EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1441	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 1943	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/21/13 1237	05/28/13 1702	130521-5	6IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/31/13 0542	3IC2150	7IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051622

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051622R
Sample Description: WG-05172013-MC-IW32

Date Sampled: 05/17/2013
Time Sampled: 0930

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP L SR		
A-BHC	0.786	µg/L	7360/29
B-BHC	1.58 FC E	µg/L	7360/29
G-BHC	0.551 FC E	µg/L	7360/29
Hexachloroethane	10.7	µg/L	7360/29
Hexachlorobutadiene	1.7	µg/L	7360/29
Hexachlorobenzene	ND(0.47)	µg/L	7360/29
D-BHC	0.49	µg/L	7360/29

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/05/13 2031	130605-1	4EX3155	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13051622R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051623
Sample Description: WG-05172013-MC-IW31

Date Sampled: 05/17/2013
Time Sampled: 0950

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	490 QC	µg/L	7370/31
Pentachlorophenol	110 QC	µg/L	7370/31
OXY Chlorinated Hyd.	QC		
A-BHC	26	µg/L	7360/28
B-BHC	ND(15)	µg/L	7360/28
G-BHC	48.4	µg/L	7360/28
Hexachloroethane	827	µg/L	7360/28
Hexachlorobutadiene	708	µg/L	7360/28
Hexachlorobenzene	ND(40)	µg/L	7360/28
D-BHC	45	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	24.5 QC	µg/L	7326/175
3-& 4-Chlorophenol	29.4	µg/L	7326/175
2,4-Dichlorophenol	189	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	75.7	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	115	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	34.7 CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	34.7 CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(50)	µg/L	7348/80
1,2-Dichloroethane	490	µg/L	7348/80
Benzene	1260	µg/L	7348/80
Carbon tetrachloride	2270	µg/L	7348/80
Chloroform	4410	µg/L	7348/80
Chloromethane	ND(50)	µg/L	7348/80
Methylene chloride	2410	µg/L	7348/80
Tetrachloroethylene	8800	µg/L	7348/80
Trichloroethylene	460	µg/L	7348/80
Vinyl chloride	ND(50)	µg/L	7348/80
1,2-Dichloropropane	230	µg/L	7348/80
Hardness (Calculated)	1010	mg/L as CaCO3	7157/591
Chloride	3450	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 2050	130523-4	1NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 2050	130523-4	1NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/03/13 1809	130524-1	1EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1528	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 1917	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/21/13 1237	05/30/13 1403	130521-5	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	05/30/13 2321	3IC2150	4IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051623

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051624
Sample Description: WG-05172013-MC-IW30

Date Sampled: 05/17/2013
Time Sampled: 1010

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	240 QC	µg/L	7370/31
Pentachlorophenol	210 QC	µg/L	7370/31
OXY Chlorinated Hyd.	QC		
A-BHC	3.0	µg/L	7360/28
B-BHC	ND(9.3)	µg/L	7360/28
G-BHC	ND(13)	µg/L	7360/28
Hexachloroethane	1070	µg/L	7360/28
Hexachlorobutadiene	617	µg/L	7360/28
Hexachlorobenzene	ND(25)	µg/L	7360/28
D-BHC	ND(10)	µg/L	7360/28
OXY GC/MS Acids			
2-Chlorophenol	14.5 QC	µg/L	7326/180
3-& 4-Chlorophenol	6.5	µg/L	7326/180
2,4-Dichlorophenol	134	µg/L	7326/180
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,6-Dichlorophenol	23.1	µg/L	7326/180
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/180
2,4,6-Trichlorophenol	207	µg/L	7326/180
2,3,4,5-Tetrachlorophenol	149 CE	µg/L	7326/180
2,3,4,6-Tetrachlorophenol	149 CE	µg/L	7326/180
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(500)	µg/L	7348/80
1,2-Dichloroethane	2200	µg/L	7348/80
Benzene	ND(500)	µg/L	7348/80
Carbon tetrachloride	22000	µg/L	7348/80
Chloroform	28000	µg/L	7348/80
Chloromethane	ND(500)	µg/L	7348/80
Methylene chloride	3200	µg/L	7348/80
Tetrachloroethylene	9900	µg/L	7348/80
Trichloroethylene	1100	µg/L	7348/80
Vinyl chloride	ND(500)	µg/L	7348/80
1,2-Dichloropropane	2800	µg/L	7348/80
Hardness (Calculated)	655	mg/L as CaCO3	7157/588
Chloride	5500	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 2129	130523-4	1NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 2129	130523-4	1NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 1049	130524-1	4EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	06/06/13 0312	130524-2	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/23/13 1852	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/21/13 1237	05/28/13 1719	130521-5	7IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/31/13 0012	3IC2150	5IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051624

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051625
Sample Description: WG-05172013-JR-MW143S2S3

Date Sampled: 05/17/2013
Time Sampled: 0950

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	0.013	µg/L	7360/28
B-BHC	0.114	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	ND(0.02)	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0) QC	µg/L	7326/175
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/175
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	12.7	µg/L	7348/80
Chloroform	3.1	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	ND(0.5)	µg/L	7348/80
Trichloroethylene	ND(0.5)	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80
Hardness (Calculated)	484	mg/L as CaCO3	7157/588
Chloride	249	mg/L	7277/257

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 2209	130523-4	1NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 2209	130523-4	1NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/03/13 1933	130524-1	1EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1700	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 1826	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/21/13 1237	05/28/13 1723	130521-5	7IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/31/13 1359	1IC2151	2IC2151	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051625

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051626
Sample Description: WG-05172013-JR-FD5

Date Sampled: 05/17/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	0.013	µg/L	7360/28
B-BHC	0.109	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	ND(0.02)	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0) QC	µg/L	7326/175
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/175
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	12.6	µg/L	7348/80
Chloroform	3.3	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	ND(0.5)	µg/L	7348/80
Trichloroethylene	ND(0.5)	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80
Hardness (Calculated)	480.	mg/L as CaCO3	7157/588
Chloride	264	mg/L	7277/256

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/05/13 2327	130523-4	2NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/05/13 2327	130523-4	2NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/03/13 2015	130524-1	1EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1746	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 1800	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/21/13 1237	05/28/13 1728	130521-5	7IP4148	KMW	6010B & SM 2340B
Chloride	N/A	05/31/13 0037	3IC2150	5IC2150	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13051626

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051627
Sample Description: Trip Blank (Client Cooler)

Date Sampled: 05/17/2013
Time Sampled: 1100

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/79
1,2-Dichloroethane	ND(0.5)	µg/L	7348/79
Benzene	ND(0.5)	µg/L	7348/79
Carbon tetrachloride	ND(0.5)	µg/L	7348/79
Chloroform	ND(0.5)	µg/L	7348/79
Chloromethane	ND(0.5)	µg/L	7348/79
Methylene chloride	0.6	µg/L	7348/79
Tetrachloroethylene	ND(0.5)	µg/L	7348/79
Trichloroethylene	ND(0.5)	µg/L	7348/79
Vinyl chloride	ND(0.5)	µg/L	7348/79
1,2-Dichloropropane	ND(0.5)	µg/L	7348/79

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/22/13 2220	1MS5142	1MS5142	GMA	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13051627

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Lab Number: 13051628
Sample Description: Trip Blank

Date Sampled: 05/17/2013
Time Sampled: 1100

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	ND(0.5)	µg/L	7348/80
Chloroform	ND(0.5)	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	ND(0.5)	µg/L	7348/80
Trichloroethylene	ND(0.5)	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/23/13 1734	1MS5143	1MS5143	JMM	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13051628

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

E - Concentration or reporting limit is an estimated value. Matrix interferences and/or sample heterogeneity were noted at the time of sample analysis.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

HP - Regulatory preparation holding time for this analysis was exceeded.

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

L - Reporting limit higher than normal due to limited sample volume available. If a result is provided it may be less accurate than normal.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality

control limits. Please see the Quality Control Report for the sample surrogate data.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130521-2	130521BLK2 05/28/13 1722	130521LCS2 05/28/13 1801	13051594MS 05/29/13 0511

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130523-2	130523BLK2 05/30/13 1515	130523LCS2 05/30/13 1554	13051620MS 05/31/13 0658

Lab numbers associated with this batch:
13051600 13051601 13051602 13051603 13051604 13051605 13051606 13051607 13051608 13051609 13051610
13051611 13051612 13051613 13051614 13051615 13051616 13051617 13051618 13051620

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130523-4	130523BLK4 06/05/13 1734	130523LCS4 06/05/13 1813	13052028MS 05/23/13

Lab numbers associated with this batch:
13051619 13051621 13051622 13051623 13051624 13051625 13051626

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130521-2	130521BLK2 05/28/13 1722	130521LCS2 05/28/13 1801	13051594MS 05/29/13 0511

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130523-2	130523BLK2 05/30/13 1515	130523LCS2 05/30/13 1554	13051620MS 05/31/13 0658

Lab numbers associated with this batch:
13051600 13051601 13051602 13051603 13051604 13051605 13051606 13051607 13051608 13051609 13051610
13051611 13051612 13051613 13051614 13051615 13051616 13051617 13051618 13051620

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130523-4	130523BLK4 06/05/13 1734	130523LCS4 06/05/13 1813	13052028MS 05/23/13

Lab numbers associated with this batch:
13051619 13051621 13051622 13051623 13051624 13051625 13051626

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130521-1	130521BLK1 05/24/13 0655	130521LCS1 05/24/13 0737	13051594MS 05/24/13 1954

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130522-5	130522BLK5 05/29/13 1549	130522LCS5 05/29/13 1631	13051620MS 05/30/13 1036

Lab numbers associated with this batch:
13051600 13051601 13051602 13051603 13051604 13051605 13051606 13051607 13051608 13051609 13051610
13051611 13051612 13051613 13051614 13051615 13051616 13051617 13051618 13051620

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130524-1	130524BLK1 06/03/13 1438	130524LCS1 06/03/13 1520	

Lab numbers associated with this batch:
13051619 13051621 13051622 13051623 13051624 13051625 13051626

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130605-1	130605BLK1 06/05/13 1743	130605LCS1 06/05/13 1825	

Lab numbers associated with this batch:
13051619R 13051622R

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130521-3	130521BLK3 05/28/13 0941	130521LCS3 05/28/13 1027	13051594MS 05/29/13 0030

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130523-1	130523BLK1 05/30/13 0833	130523LCS1 05/30/13 0920	13051620MS 05/31/13 0315

Lab numbers associated with this batch:
13051600 13051601 13051602 13051603 13051604 13051605 13051606 13051607 13051608 13051609 13051610
13051611 13051612 13051613 13051614 13051615 13051616 13051617 13051618 13051620

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130524-2	130524BLK2 05/31/13 1136	130524LCS2 05/31/13 1223	13052028MS 05/24/13

Lab numbers associated with this batch:
13051619 13051621 13051622 13051623 13051624 13051625 13051626

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5141	BLK1MS5141 05/21/13 1224	LCS1MS5141 05/21/13 1133	13051594MS 05/21/13 1525

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599 13051600 13051601 13051602
13051603 13051604 13051605 13051606 13051608

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5142	BLK1MS5142 05/22/13 1251	LCS1MS5142 05/22/13 1226	13051620MS 05/22/13 1919

Lab numbers associated with this batch:
13051607 13051608R 13051609 13051610 13051611 13051612 13051613 13051614 13051615 13051616 13051617
13051618 13051619 13051620 13051627

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5143	BLK1MS5143 05/23/13 1525	LCS1MS5143 05/23/13 1433	13051620RS 05/23/13 2035

Lab numbers associated with this batch:
13051620R 13051621 13051622 13051623 13051624 13051625 13051626 13051628

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
SL323	Hardness (Calculated)	130521-5	130521BLK5 05/23/13 2327	130521LCS5 05/23/13 2332	13051620MS 05/24/13 0044

Lab numbers associated with this batch:
13051607 13051608 13051609 13051610 13051611 13051612 13051613 13051614 13051615 13051616 13051617
13051618 13051619 13051620 13051621 13051622 13051623 13051624 13051625 13051626

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
SL323	Hardness (Calculated)	130522-4	130522BLK4 05/28/13 1517	130522LCS4 05/28/13 1522	13051594MS 05/28/13 1546

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599 13051600 13051601 13051602
13051603 13051604 13051605 13051606

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	1IC2150	BLK1IC2150 05/30/13 1414	LCS1IC2150 05/30/13 1426	

Lab numbers associated with this batch:
13051602 13051603 13051604 13051605 13051606 13051607 13051608 13051609 13051610 13051611 13051612
13051613 13051614 13051615 13051616 13051617 13051618 13051619

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	1IC2151	BLK1IC2151 05/31/13 1023	LCS1IC2151 05/31/13 1035	13051620MS 05/31/13 1334

Lab numbers associated with this batch:
13051620 13051625

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	2IC1149	BLK2IC1149 05/29/13 1708	LCS2IC1149 05/29/13 1721	13051594MS 05/29/13 2001

Lab numbers associated with this batch:
13051592 13051593 13051594 13051595 13051596 13051597 13051598 13051599 13051600 13051601

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
GL502	Chloride	3IC2150	BLK3IC2150 05/30/13 2255	LCS3IC2150 05/30/13 2308	13051790MS 05/31/13 0102

Lab numbers associated with this batch:
13051621 13051622 13051623 13051624 13051626

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130521-1	**For samples prepared on: 05/21/2013 0830**					**Spiked sample: 13051594**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	101	83.9-128	0.50	µg/L	98.4	92.0	84.0-131	0.50	µg/L	5.10	13.0
B-BHC	ND(0.037)	97.4	83.5-129	0.50	µg/L	99.2	92.9	83.7-129	0.50	µg/L	4.80	13.2
G-BHC	ND(0.052)	103	83.6-128	0.50	µg/L	103	95.8	82.4-131	0.50	µg/L	5.50	13.2
Hexachloroethane	ND(0.02)	73.0	57.2-125	0.50	µg/L	80.6	72.0	40.1-127	0.50	µg/L	9.80	18.6
Hexachlorobutadiene	ND(0.02)	73.4	51.9-126	0.50	µg/L	81.4	74.8	37.5-125	0.50	µg/L	6.90	21.3
Hexachlorobenzene	ND(0.10)	97.6	74.7-127	0.50	µg/L	103	97.2	72.6-127	0.50	µg/L	4.30	15.4
D-BHC	ND(0.05)	113	78.7-146	0.50	µg/L	114	108	78.0-148	0.50	µg/L	3.40	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	75.8	77.6	53.9-120	8.0	µg/L	81.1	76.2	53.9-120	8.0	µg/L		
QC Batch: 130521-2	**For samples prepared on: 05/21/2013 1130**					**Spiked sample: 13051594**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	112	77.6-131	4.0	µg/L	110	110	78.6-129	4.0	µg/L	0.0	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	99.3	110.	70.5-128	5.0	µg/L	111	114	70.5-128	5.0	µg/L		
QC Batch: 130521-2	**For samples prepared on: 05/21/2013 1130**					**Spiked sample: 13051594**						
Pentachlorophenol	ND(0.5)	104	72.0-127	4.0	µg/L	97.0	93.0	13.9-147	4.0	µg/L	4.70	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	99.3	110.	70.5-128	5.0	µg/L	111	114	70.5-128	5.0	µg/L		
QC Batch: 130521-3	**For samples prepared on: 05/21/2013 1530**					**Spiked sample: 13051594**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	84.6	73.0-97.8	50.0	µg/L	78.8	81.8	69.5-101	50.0	µg/L	3.30	11.9
3-& 4-Chlorophenol	ND(5.0)	73.2	61.2-86.6	50.0	µg/L	66.2	69.9	59.9-90.4	50.0	µg/L	4.90	11.8
2,4-Dichlorophenol	ND(5.0)	93.3	73.1-116	50.0	µg/L	92.5	89.2	72.2-118	50.0	µg/L	4.20	18.7
2,5-Dichlorophenol	ND(5.0)	92.2	72.9-112	50.0	µg/L	85.2	91.1	82.6-107	50.0	µg/L	6.20	16.2
2,6-Dichlorophenol	ND(5.0)	93.2	81.0-110	50.0	µg/L	90.1	90.6	78.8-114	50.0	µg/L	0.10	10.7
2,4,5-Trichlorophenol	ND(5.0)	94.5	79.1-115	50.0	µg/L	94.3	94.7	77.6-118	50.0	µg/L	0.0	11.7
2,4,6-Trichlorophenol	ND(5.0)	94.3	80.4-117	50.0	µg/L	93.8	93.7	78.1-121	50.0	µg/L	0.70	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	94.9 CE	65.5-129	100	µg/L	90.0 CE	95.4 CE	66.2-131	100	µg/L	5.30	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	94.9 CE	64.5-131	100	µg/L	90.0 CE	95.4 CE	63.8-134	100	µg/L	5.30	13.1
Surrogates:												
PHENOL-d6	33.8	35.5	21.7-41.8	150	µg/L	30.3	34.1	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	52.5	54.3	36.2-67.8	150	µg/L	48.6	54.6	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	89.6	108	62.3-129	150	µg/L	105	106	62.3-129	150	µg/L		
QC Batch: 130521-5	**For samples prepared on: 05/21/2013 1237**					**Spiked sample: 13051620**						
Hardness (Calculated)	ND(5.0)	96.9	80.0-120	337	mg/L a	88.6	91.2	80.0-120	337	mg/L a	1.10	20.0
QC Batch: 130522-4	**For samples prepared on: 05/22/2013 1222**					**Spiked sample: 13051594**						
Hardness (Calculated)	ND(5.0)	94.3	80.0-120	337	mg/L a	88.0	86.5	80.0-120	337	mg/L a	0.70	20.0
QC Batch: 130522-5	**For samples prepared on: 05/22/2013 1700**					**Spiked sample: 13051620**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	93.8	83.9-128	0.50	µg/L	102	105	84.0-131	0.50	µg/L	2.90	13.0
B-BHC	ND(0.037)	86.8	83.5-129	0.50	µg/L	95.0	97.4	83.7-129	0.50	µg/L	2.10	13.2
G-BHC	ND(0.052)	91.2	83.6-128	0.50	µg/L	104	107	82.4-131	0.50	µg/L	2.60	13.2
Hexachloroethane	ND(0.02)	60.8	57.2-125	0.50	µg/L	70.6	73.2	40.1-127	0.50	µg/L	1.60	18.6
Hexachlorobutadiene	ND(0.02)	62.8	51.9-126	0.50	µg/L	80.0	79.2	37.5-125	0.50	µg/L	0.50	21.3
Hexachlorobenzene	ND(0.10)	85.2	74.7-127	0.50	µg/L	104	104	72.6-127	0.50	µg/L	0.50	15.4
D-BHC	ND(0.05)	111	78.7-146	0.50	µg/L	120	124	78.0-148	0.50	µg/L	3.80	13.7

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130522-5	**For samples prepared on: 05/22/2013**					**Spiked sample: 13051620**						
Surrogates:												
1,4-DICHLORONAPHTHALENE	71.7	70.3	53.9-120	8.0	µg/L	78.7	81.5	53.9-120	8.0	µg/L		
QC Batch: 130523-1	**For samples prepared on: 05/23/2013 0900**					**Spiked sample: 13051620**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	81.1	73.0-97.8	50.0	µg/L	81.4	79.8	69.5-101	50.0	µg/L	1.70	11.9
3-& 4-Chlorophenol	ND(5.0)	71.7	61.2-86.6	50.0	µg/L	76.1	75.4	59.9-90.4	50.0	µg/L	1.00	11.8
2,4-Dichlorophenol	ND(5.0)	92.1	73.1-116	50.0	µg/L	102	96.9	72.2-118	50.0	µg/L	4.80	18.7
2,5-Dichlorophenol	ND(5.0)	95.7	72.9-112	50.0	µg/L	93.7	95.8	82.6-107	50.0	µg/L	2.30	16.2
2,6-Dichlorophenol	ND(5.0)	93.1	81.0-110	50.0	µg/L	97.9	96.0	78.8-114	50.0	µg/L	2.00	10.7
2,4,5-Trichlorophenol	ND(5.0)	95.6	79.1-115	50.0	µg/L	103	97.3	77.6-118	50.0	µg/L	6.10	11.7
2,4,6-Trichlorophenol	ND(5.0)	97.7	80.4-117	50.0	µg/L	104	98.4	78.1-121	50.0	µg/L	4.60	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	98.4 CE	65.5-129	100	µg/L	98.9 CE	100 CE	66.2-131	100	µg/L	1.10	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	98.4 CE	64.5-131	100	µg/L	98.9 CE	100 CE	63.8-134	100	µg/L	1.10	13.1
Surrogates:												
PHENOL-d6	28.9	33.1	21.7-41.8	150	µg/L	30.9	30.7	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	44.2	52.3	36.2-67.8	150	µg/L	50.5	49.2	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	83.6	116	62.3-129	150	µg/L	122 CH	125 CH	62.3-129	150	µg/L		
QC Batch: 130523-2	**For samples prepared on: 05/23/2013 1230**					**Spiked sample: 13051620**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	112	77.6-131	4.0	µg/L	99.1	106	78.6-129	4.0	µg/L	6.40	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	92.9	112	70.5-128	5.0	µg/L	103	110.	70.5-128	5.0	µg/L		
QC Batch: 130523-2	**For samples prepared on: 05/23/2013 1230**					**Spiked sample: 13051620**						
Pentachlorophenol	ND(0.5)	101	72.0-127	4.0	µg/L	91.3	93.1	13.9-147	4.0	µg/L	2.50	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	92.9	112	70.5-128	5.0	µg/L	103	110.	70.5-128	5.0	µg/L		
QC Batch: 130523-4	**For samples prepared on: 05/23/2013 1730**					**Spiked sample: 13052028**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	90.6	77.6-131	4.0	µg/L	MN	MN	78.6-129		µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	91.6	103	70.5-128	5.0	µg/L	MN	MN	70.5-128			**	
QC Batch: 130523-4	**For samples prepared on: 05/23/2013 1730**					**Spiked sample: 13052028**						
Pentachlorophenol	ND(0.5)	95.3	72.0-127	4.0	µg/L	MN	MN	13.9-147		µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	91.6	103	70.5-128	5.0	µg/L	MN	MN	70.5-128			**	
QC Batch: 130524-1	**For samples prepared on: 05/24/2013 1140**					**Spiked sample:**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	87.6	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	86.4	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	90.8	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	1.89 BK	78.2	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	5.22 BK	92.2	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	101	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	107	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.9	70.3	53.9-120	8.0	µg/L	MN	MN	53.9-120			**	
QC Batch: 130524-2	**For samples prepared on: 05/24/2013 1330**					**Spiked sample: 13052028**						

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130524-2	**For samples prepared on: 05/24/2013 1330**					**Spiked sample: 13052028**						
OXY GC/MS Acids						MN	MN			µg/L		
2-Chlorophenol	ND(5.0)	98.5 LH	73.0-97.8	50.0	µg/L			69.5-101			**	11.9
3-& 4-Chlorophenol	ND(5.0)	77.0	61.2-86.6	50.0	µg/L			59.9-90.4			**	11.8
2,4-Dichlorophenol	ND(5.0)	82.0	73.1-116	50.0	µg/L			72.2-118			**	18.7
2,5-Dichlorophenol	ND(5.0)	80.0	72.9-112	50.0	µg/L			82.6-107			**	16.2
2,6-Dichlorophenol	ND(5.0)	81.6	81.0-110	50.0	µg/L			78.8-114			**	10.7
2,4,5-Trichlorophenol	ND(5.0)	86.4	79.1-115	50.0	µg/L			77.6-118			**	11.7
2,4,6-Trichlorophenol	ND(5.0)	85.5	80.4-117	50.0	µg/L			78.1-121			**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	79.7 CE	65.5-129	100	µg/L			66.2-131			**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	79.7 CE	64.5-131	100	µg/L			63.8-134			**	13.1
Surrogates:												
PHENOL-d6	39.9	43.5 SH	21.7-41.8	150	µg/L	MN	MN	21.7-41.8			**	
2-FLUOROPHENOL	59.8	66.7	36.2-67.8	150	µg/L	MN	MN	36.2-67.8			**	
2,4,6-TRIBROMOPHENOL	64.9 CL	70.6 CL	62.3-129	150	µg/L	MN	MN	62.3-129			**	
QC Batch: 130605-1	**For samples prepared on: 06/05/2013 0830**					**Spiked sample:**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	93.4	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	87.8	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	93.8	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	ND(0.02)	87.8	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	ND(0.02)	100	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	96.0	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	101	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	72.2	70.1	53.9-120	8.0	µg/L	MN	MN	53.9-120			**	
QC Batch: 1IC2150	**For sample analyzed on: 05/30/2013**					**Spiked sample:**						
Chloride	ND(1.0)	100	90.0-110	4.0	mg/L	MN	MN	74.5-127			**	5.3
QC Batch: 1IC2151	**For sample analyzed on: 05/31/2013**					**Spiked sample: 13051620**						
Chloride	ND(1.0)	99.5	90.0-110	4.0	mg/L	132 MH	84.7 MP	74.5-127	200	mg/L	12.8	5.3
QC Batch: 1MS5141	**For sample analyzed on: 05/21/2013**					**Spiked sample: 13051594**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	107	81.5-118	10.0	µg/L	92.5	105 MP	78.1-121	10.0	µg/L	12.2	10.7
1,2-Dichloroethane	ND(0.5)	105	69.8-120	10.0	µg/L	94.4	107 MP	68.0-125	10.0	µg/L	12.8	10.8
Benzene	ND(0.5)	99.4	82.7-115	10.0	µg/L	92.1	103 MP	80.1-119	10.0	µg/L	10.8	6.8
Carbon tetrachloride	ND(0.5)	105	80.9-128	10.0	µg/L	105	111	72.6-132	10.0	µg/L	2.40	10.6
Chloroform	ND(0.5)	101	76.9-118	10.0	µg/L	89.4	95.1	73.8-122	10.0	µg/L	4.60	8.7
Chloromethane	ND(0.5)	108	70.6-125	10.0	µg/L	98.6	111	62.8-132	10.0	µg/L	11.7	13.5
Methylene chloride	ND(0.5)	99.7	76.1-114	10.0	µg/L	86.7	98.2 MP	74.3-118	10.0	µg/L	12.4	10.5
Tetrachloroethylene	ND(0.5)	103	84.5-126	10.0	µg/L	92.8	109 MP	81.2-125	10.0	µg/L	15.8	10.1
Trichloroethylene	ND(0.5)	102	82.0-113	10.0	µg/L	96.4	107 MP	79.3-117	10.0	µg/L	10.8	8.7
Vinyl chloride	ND(0.5)	112	72.1-130	10.0	µg/L	100.	112	66.9-134	10.0	µg/L	10.7	14.4
1,2-Dichloropropane	ND(0.5)	97.7	78.6-113	10.0	µg/L	88.3	103 MP	76.4-118	10.0	µg/L	15.4	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	102	105	73.2-126	10.0	µg/L	106	103	73.2-126	10.0	µg/L		
TOLUENE-d8	103	107	88.6-116	10.0	µg/L	107	108	88.6-116	10.0	µg/L		
QC Batch: 1MS5142	**For sample analyzed on: 05/22/2013**					**Spiked sample: 13051620**						
OXY Volatiles by 8260												

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS5142	**For sample analyzed on: 05/22/2013**					**Spiked sample: 13051620**						
1,1,1-Trichloroethane	ND(0.5)	110.	81.5-118	10.0	µg/L	104	107	78.1-121	10.0	µg/L	3.50	10.7
1,2-Dichloroethane	ND(0.3) J	107	69.8-120	10.0	µg/L	107	114	68.0-125	10.0	µg/L	6.40	10.8
Benzene	ND(0.5)	105	82.7-115	10.0	µg/L	105	107	80.1-119	10.0	µg/L	2.10	6.8
Carbon tetrachloride	ND(0.5)	108	80.9-128	10.0	µg/L	OC	OC	72.6-132		µg/L	**	10.6
Chloroform	ND(0.5)	101	76.9-118	10.0	µg/L	I	I	73.8-122		µg/L	**	8.7
Chloromethane	ND(0.5)	117	70.6-125	10.0	µg/L	112	114	62.8-132	10.0	µg/L	1.90	13.5
Methylene chloride	ND(0.5)	98.2	76.1-114	10.0	µg/L	104	101	74.3-118	10.0	µg/L	3.70	10.5
Tetrachloroethylene	ND(0.5)	105	84.5-126	10.0	µg/L	108	106	81.2-125	10.0	µg/L	2.50	10.1
Trichloroethylene	ND(0.5)	110.	82.0-113	10.0	µg/L	108	109	79.3-117	10.0	µg/L	0.90	8.7
Vinyl chloride	ND(0.5)	117	72.1-130	10.0	µg/L	114	115	66.9-134	10.0	µg/L	1.10	14.4
1,2-Dichloropropane	ND(0.5)	103	78.6-113	10.0	µg/L	105	106	76.4-118	10.0	µg/L	1.00	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	96.3	102	73.2-126	10.0	µg/L	101	107	73.2-126	10.0	µg/L		
TOLUENE-d8	106	107	88.6-116	10.0	µg/L	110.	108	88.6-116	10.0	µg/L		
QC Batch: 1MS5143	**For sample analyzed on: 05/23/2013**					**Spiked sample: 13051620R**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	104	81.5-118	10.0	µg/L	105	105	78.1-121	2000	µg/L	0.10	10.7
1,2-Dichloroethane	ND(0.5)	107	69.8-120	10.0	µg/L	106	110.	68.0-125	2000	µg/L	3.50	10.8
Benzene	ND(0.5)	104	82.7-115	10.0	µg/L	103	110.	80.1-119	2000	µg/L	5.90	6.8
Carbon tetrachloride	ND(0.5)	110.	80.9-128	10.0	µg/L	107	106	72.6-132	2000	µg/L	0.70	10.6
Chloroform	ND(0.5)	95.2	76.9-118	10.0	µg/L	95.7	101	73.8-122	2000	µg/L	4.70	8.7
Chloromethane	ND(0.5)	110	70.6-125	10.0	µg/L	108	111	62.8-132	2000	µg/L	3.30	13.5
Methylene chloride	ND(0.5)	101	76.1-114	10.0	µg/L	103	102	74.3-118	2000	µg/L	0.90	10.5
Tetrachloroethylene	ND(0.5)	105	84.5-126	10.0	µg/L	102	104	81.2-125	2000	µg/L	2.00	10.1
Trichloroethylene	ND(0.5)	109	82.0-113	10.0	µg/L	111	109	79.3-117	2000	µg/L	1.50	8.7
Vinyl chloride	ND(0.5)	108	72.1-130	10.0	µg/L	108	110.	66.9-134	2000	µg/L	1.70	14.4
1,2-Dichloropropane	ND(0.5)	101	78.6-113	10.0	µg/L	105	107	76.4-118	2000	µg/L	1.70	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	100.	104	73.2-126	10.0	µg/L	105	111	73.2-126	2000	µg/L		
TOLUENE-d8	104	108	88.6-116	10.0	µg/L	111	110.	88.6-116	2000	µg/L		
QC Batch: 2IC1149	**For sample analyzed on: 05/29/2013**					**Spiked sample: 13051594**						
Chloride	ND(1.0)	97.2	90.0-110	4.0	mg/L	I	I	74.5-127		mg/L	**	5.3
QC Batch: 3IC2150	**For sample analyzed on: 05/30/2013**					**Spiked sample: 13051790**						
Chloride	ND(1.0)	104	90.0-110	4.0	mg/L	MN	MN	74.5-127		mg/L	**	5.3

Data Qualifiers:

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

BK - This analyte did not meet method blank criteria. The associated sample results may be estimated.

LH - The Laboratory Control Sample (LCS) recovery for this analyte was above the method or laboratory quality control limit. The reported sample concentration may be biased high.

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit

biased high.

CL - The continuing calibration verification (CCV) standard recovery for this analyte was below the method or SOP limit. The reported concentration for this analyte may be biased low.

MH - The matrix spike and/or matrix spike duplicate recovery for this analyte was above the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

I - Due to the concentration of analyte in the sample, the spike level is too low to allow accurate quantification of the spike recovery.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051592		**Sample Description: WG-05152013-MDC-MW26S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	109	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	109	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	78.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	32.9	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	50.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	97.7	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	106	88.6-116
Lab Number: 13051593		**Sample Description: WG-05152013-MDC-MW26S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	106	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	106	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	76.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	30.4	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	48.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	93.7	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	101	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	101	88.6-116
Lab Number: 13051594		**Sample Description: WG-05152013-MDC-IW40**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	102	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	102	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/24/2013	8.0	µg/L	82.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/28/2013	150	µg/L	31.2	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/28/2013	150	µg/L	48.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/28/2013	150	µg/L	97.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	103	88.6-116
Lab Number: 13051595		**Sample Description: WG-05152013-JR-MW28S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	106	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	106	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	78.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	31.8	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051595		**Sample Description: WG-05152013-JR-MW28S1**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	48.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	97.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	104	88.6-116
Lab Number: 13051596		**Sample Description: WG-05152013-JR-MW28S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	109	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	109	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	78.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	32.7	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	50.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	98.3	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	100.	88.6-116
Lab Number: 13051597		**Sample Description: WG-05152013-JR-MW28S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	113	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	113	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	80.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	34.6	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	54.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	99.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	104	88.6-116
Lab Number: 13051598		**Sample Description: WG-05152013-JR-FD4**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	106	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	106	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	74.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	29.2	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	44.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	84.2	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	104	88.6-116
Lab Number: 13051599		**Sample Description: WG-05162013-MC-AMW101D**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051599		**Sample Description: WG-05162013-MC-AMW101D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	107	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/21/2013	05/29/2013	5.0	µg/L	107	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/21/2013	05/28/2013	8.0	µg/L	71.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/21/2013	05/29/2013	150	µg/L	32.5	21.7-41.8
2-FLUOROPHENOL	05/21/2013	05/29/2013	150	µg/L	51.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/21/2013	05/29/2013	150	µg/L	104	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	108	88.6-116
Lab Number: 13051600		**Sample Description: WG-05162013-MC-AMW101I**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	110.	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	110.	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	68.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	33.8	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	51.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	119	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	103	88.6-116
Lab Number: 13051601		**Sample Description: WG-05162013-MC-AMW101S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	104	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	104	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	66.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	24.5	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	45.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	112	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	105	88.6-116
Lab Number: 13051602		**Sample Description: WG-05162013-MC-AMW5S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	99.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	99.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	71.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	30.1	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051602		**Sample Description: WG-05162013-MC-AMW5S**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	52.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	115	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	105	88.6-116
Lab Number: 13051603		**Sample Description: WG-05162013-MC-AMW5D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	93.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	93.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	67.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	32.2	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	52.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	120.	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	109	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	104	88.6-116
Lab Number: 13051604		**Sample Description: WG-05162013-MC-AMW107D**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	96.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	96.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	80.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	32.4	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	50.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	107	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	103	88.6-116
Lab Number: 13051605		**Sample Description: WG-05162013-MC-AMW107S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	89.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	89.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	80.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	30.0	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	49.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	104	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	102	88.6-116
Lab Number: 13051606		**Sample Description: WG-05162013-MC-MW141S2/S3**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051606		**Sample Description: WG-05162013-MC-MW141S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	84.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	84.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/29/2013	8.0	µg/L	77.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	29.3	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	45.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	105	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	112	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	99.6	88.6-116
Lab Number: 13051607		**Sample Description: WG-05162013-MC-IW42**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	88.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	88.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	72.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	30.5	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	48.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	105	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	105	88.6-116
Lab Number: 13051608		**Sample Description: WG-05162013-MC-IW29**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	93.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	93.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	72.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	31.8	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	50.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	115	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/21/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/21/2013	10	µg/L	102	88.6-116
Lab Number: 13051608R		**Sample Description: WG-05162013-MC-IW29**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	2000	µg/L	102	73.2-126
TOLUENE-d8		05/22/2013	2000	µg/L	102	88.6-116
Lab Number: 13051609		**Sample Description: WG-05162013-JR-MW10S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	87.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	87.4	70.5-128

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051609		**Sample Description: WG-05162013-JR-MW10S2**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	79.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	29.8	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	48.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	107	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	103	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	101	88.6-116
Lab Number: 13051610		**Sample Description: WG-05162013-JR-MW10S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	73.9	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/30/2013	5.0	µg/L	73.9	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	80.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	28.9	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	45.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	95.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	103	88.6-116
Lab Number: 13051611		**Sample Description: WG-05162013-JR-MW10S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	88.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	88.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	73.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	28.9	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	46.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	109 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	101	88.6-116
Lab Number: 13051612		**Sample Description: WG-05162013-JR-MW30S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	78.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	78.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	77.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	30.1	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	50.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	111 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	105	73.2-126

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051612		**Sample Description: WG-05162013-JR-MW30S1**				
OXY Volatiles by 8260						
TOLUENE-d8		05/22/2013	10	µg/L	102	88.6-116
Lab Number: 13051613		**Sample Description: WG-05162013-JR-MW30S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	78.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	30.7	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	49.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	105 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	4000	µg/L	102	73.2-126
TOLUENE-d8		05/22/2013	4000	µg/L	103	88.6-116
Lab Number: 13051614		**Sample Description: WG-05162013-JR-MW06S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	85.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	29.8	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	46.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	109 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	101	88.6-116
Lab Number: 13051615		**Sample Description: WG-05162013-JR-MW06S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	75.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	75.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	75.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/30/2013	150	µg/L	30.6	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/30/2013	150	µg/L	46.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/30/2013	150	µg/L	105 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	101	88.6-116
Lab Number: 13051616		**Sample Description: WG-05172013-JR-MW06BR**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.0	70.5-128

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051616		**Sample Description: WG-05172013-JR-MW06BR**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	83.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/31/2013	150	µg/L	31.5	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/31/2013	150	µg/L	49.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/31/2013	150	µg/L	124 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	103	88.6-116
Lab Number: 13051617		**Sample Description: WG-05172013-MC-IW35A**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	82.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	82.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	67.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/31/2013	150	µg/L	29.3	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/31/2013	150	µg/L	47.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/31/2013	150	µg/L	109 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	40	µg/L	101	73.2-126
TOLUENE-d8		05/22/2013	40	µg/L	104	88.6-116
Lab Number: 13051618		**Sample Description: WG-05172013-MC-IW35B**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	76.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	76.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	80.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/31/2013	150	µg/L	29.1	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/31/2013	150	µg/L	46.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/31/2013	150	µg/L	103 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	1000	µg/L	108	73.2-126
TOLUENE-d8		05/22/2013	1000	µg/L	103	88.6-116
Lab Number: 13051619		**Sample Description: WG-05172013-MC-IW44**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	85.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	85.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/03/2013	8.0	µg/L	73.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	41.1	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	63.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	65.7 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	100	µg/L	106	73.2-126

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051619		**Sample Description: WG-05172013-MC-IW44**				
OXY Volatiles by 8260						
TOLUENE-d8		05/22/2013	100	µg/L	104	88.6-116
Lab Number: 13051619R		**Sample Description: WG-05172013-MC-IW44**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/05/2013	8.0	µg/L	78.7	53.9-120
Lab Number: 13051620		**Sample Description: WG-05172013-MC-IW43**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	05/31/2013	5.0	µg/L	81.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/22/2013	05/30/2013	8.0	µg/L	79.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/23/2013	05/31/2013	150	µg/L	30.1	21.7-41.8
2-FLUOROPHENOL	05/23/2013	05/31/2013	150	µg/L	49.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/23/2013	05/31/2013	150	µg/L	107 CH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	95.2	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	103	88.6-116
Lab Number: 13051620R		**Sample Description: WG-05172013-MC-IW43**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	2000	µg/L	108	73.2-126
TOLUENE-d8		05/23/2013	2000	µg/L	103	88.6-116
Lab Number: 13051621		**Sample Description: WG-05172013-MC-IW36**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	86.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	86.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/03/2013	8.0	µg/L	79.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	37.8	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	58.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	64.3 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/23/2013	10	µg/L	101	88.6-116
Lab Number: 13051621R						
Lab Number: 13051622		**Sample Description: WG-05172013-MC-IW32**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	C	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	C	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	OC SI	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	41.2	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051622		**Sample Description: WG-05172013-MC-IW32**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	66.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	68.3 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	100	µg/L	105	73.2-126
TOLUENE-d8		05/23/2013	100	µg/L	102	88.6-116
Lab Number: 13051622R		**Sample Description: WG-05172013-MC-IW32**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/05/2013	9.4	µg/L	OC SI	53.9-120
Lab Number: 13051623		**Sample Description: WG-05172013-MC-IW31**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	C	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	C	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/03/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	42.2 SH	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	66.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	76.8 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	1000	µg/L	105	73.2-126
TOLUENE-d8		05/23/2013	1000	µg/L	103	88.6-116
Lab Number: 13051624		**Sample Description: WG-05172013-MC-IW30**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	C	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	C	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	06/06/2013	150	µg/L	25.6	21.7-41.8
2-FLUOROPHENOL	05/24/2013	06/06/2013	150	µg/L	36.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	06/06/2013	150	µg/L	78.7	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10000	µg/L	106	73.2-126
TOLUENE-d8		05/23/2013	10000	µg/L	104	88.6-116
Lab Number: 13051625		**Sample Description: WG-05172013-JR-MW143S2S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	84.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	84.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/03/2013	8.0	µg/L	73.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	38.3	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	60.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	62.8 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10	µg/L	103	73.2-126

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13051625		**Sample Description: WG-05172013-JR-MW143S2S3**				
OXY Volatiles by 8260						
TOLUENE-d8		05/23/2013	10	µg/L	102	88.6-116
Lab Number: 13051625R						
Lab Number: 13051626		**Sample Description: WG-05172013-JR-FD5**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	92.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/05/2013	5.0	µg/L	92.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/03/2013	8.0	µg/L	72.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	38.2	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	60.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	63.8 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/23/2013	10	µg/L	105	88.6-116
Lab Number: 13051626R						
Lab Number: 13051627		**Sample Description: Trip Blank (Client Cooler)**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/22/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/22/2013	10	µg/L	101	88.6-116
Lab Number: 13051628		**Sample Description: Trip Blank**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/23/2013	10	µg/L	101	88.6-116

Data Qualifiers:
CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

CL - The continuing calibration verification (CCV) standard recovery for this analyte was below the method or SOP limit. The reported concentration for this analyte may be biased low.

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be biased high.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	05/28/2013	2NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/29/2013	3NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/29/2013	4NX5148	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/30/2013	1NX5150	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/30/2013	2NX5150	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/31/2013	3NX5150	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	05/31/2013	4NX5150	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/05/2013	1NX5156	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/05/2013	2NX5156	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/06/2013	3NX5156	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/28/2013	2NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/29/2013	3NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/29/2013	4NX5148	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/30/2013	1NX5150	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/30/2013	2NX5150	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/31/2013	3NX5150	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	05/31/2013	4NX5150	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/05/2013	1NX5156	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/05/2013	2NX5156	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/06/2013	3NX5156	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/24/2013	4EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/24/2013	5EX3143	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/28/2013	1EX3148	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/28/2013	2EX3148	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/29/2013	1EX3149	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/30/2013	2EX3149	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/30/2013	3EX3149	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	05/30/2013	4EX3149	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/03/2013	1EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/03/2013	2EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/04/2013	4EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/04/2013	5EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/05/2013	4EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	5EX3155	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/29/2013	3IC1149	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/29/2013	4IC1149	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/29/2013	5IC1149	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/30/2013	1IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/30/2013	2IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/30/2013	3IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/30/2013	4IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/30/2013	5IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/31/2013	6IC2150	CCV recovery acceptable for this Instrument Batch.			

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Chloride	05/31/2013	7IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/31/2013	8IC2150	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/31/2013	2IC2151	CCV recovery acceptable for this Instrument Batch.			
Chloride	05/31/2013	3IC2151	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/23/2013	11IP4143	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/24/2013	12IP4143	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/24/2013	13IP4143	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/24/2013	3IP4144	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/24/2013	4IP4144	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/28/2013	4IP4148	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/30/2013	4IP4150	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/28/2013	5IP4148	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/30/2013	5IP4150	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/28/2013	6IP4148	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/28/2013	7IP4148	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/28/2013	8IP4148	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	05/28/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/28/2013	2MS6148	100	101	µg/ml	101 CE
2,3,4,6-Tetrachlorophenol	05/28/2013	2MS6148	100	101	µg/ml	101 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051592	2MS6148	WG-05152013-MDC-MW26S1
13051593	2MS6148	WG-05152013-MDC-MW26S3
13051594	2MS6148	WG-05152013-MDC-IW40
13051595	2MS6148	WG-05152013-JR-MW28S1
13051596	2MS6148	WG-05152013-JR-MW28S3
13051597	2MS6148	WG-05152013-JR-MW28S2
13051598	2MS6148	WG-05152013-JR-FD4
13051599	2MS6148	WG-05162013-MC-AMW101D

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/30/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/30/2013	1MS6150	100	103	µg/ml	103 CE
2,3,4,6-Tetrachlorophenol	05/30/2013	1MS6150	100	103	µg/ml	103 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051600	1MS6150	WG-05162013-MC-AMW101I
13051601	1MS6150	WG-05162013-MC-AMW101S
13051602	1MS6150	WG-05162013-MC-AMW5S
13051603	1MS6150	WG-05162013-MC-AMW5D
13051604	1MS6150	WG-05162013-MC-AMW107D
13051605	1MS6150	WG-05162013-MC-AMW107S
13051606	1MS6150	WG-05162013-MC-MW141S2/S3
13051607	1MS6150	WG-05162013-MC-IW42

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Laboratory Number	Instrument Batch	Sample Description
13051608	1MS6150	WG-05162013-MC-IW29
13051609	1MS6150	WG-05162013-JR-MW10S2
13051610	1MS6150	WG-05162013-JR-MW10S1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/30/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/30/2013	2MS6150	100	105	µg/ml	105 CE
2,3,4,6-Tetrachlorophenol	05/30/2013	2MS6150	100	105	µg/ml	105 CE
2,4,6-TRIBROMOPHENOL	05/30/2013	2MS6150	50.0	63.5	µg/ml	127 CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051600	1MS6150	WG-05162013-MC-AMW101I
13051601	1MS6150	WG-05162013-MC-AMW101S
13051602	1MS6150	WG-05162013-MC-AMW5S
13051603	1MS6150	WG-05162013-MC-AMW5D
13051604	1MS6150	WG-05162013-MC-AMW107D
13051605	1MS6150	WG-05162013-MC-AMW107S
13051606	1MS6150	WG-05162013-MC-MW141S2/S3
13051607	1MS6150	WG-05162013-MC-IW42
13051608	1MS6150	WG-05162013-MC-IW29
13051609	1MS6150	WG-05162013-JR-MW10S2
13051610	1MS6150	WG-05162013-JR-MW10S1
13051611	2MS6150	WG-05162013-JR-MW10S3
13051612	2MS6150	WG-05162013-JR-MW30S1
13051613	2MS6150	WG-05162013-JR-MW30S3
13051614	2MS6150	WG-05162013-JR-MW06S3
13051615	2MS6150	WG-05162013-JR-MW06S1
13051616	2MS6150	WG-05172013-JR-MW06BR
13051617	2MS6150	WG-05172013-MC-IW35A
13051618	2MS6150	WG-05172013-MC-IW35B
13051620	2MS6150	WG-05172013-MC-IW43

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	05/31/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/31/2013	1MS6151	100	93.1	µg/ml	93.1 CE
2,3,4,6-Tetrachlorophenol	05/31/2013	1MS6151	100	93.1	µg/ml	93.1 CE
2,4,6-TRIBROMOPHENOL	05/31/2013	1MS6151	50.0	38.4	µg/ml	76.7 CL

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13051619	1MS6151	WG-05172013-MC-IW44
13051621	1MS6151	WG-05172013-MC-IW36
13051622	1MS6151	WG-05172013-MC-IW32

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/07/2013
Date Received: 05/17/2013
Continental File No: 7775
Continental Order No: 111093

Laboratory Number	Instrument Batch	Sample Description
13051623	1MS6151	WG-05172013-MC-IW31
13051625	1MS6151	WG-05172013-JR-MW143S2S3
13051626	1MS6151	WG-05172013-JR-FD5

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	05/21/2013	1MS5141	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	05/22/2013	1MS5142	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	05/23/2013	1MS5143	CCV recovery acceptable for this Instrument Batch.			

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CL - The continuing calibration verification (CCV) standard recovery for this analyte was below the method or SOP limit. The reported concentration for this analyte may be biased low.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

- Laboratory Report Conclusion -

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO. 111093

COC NO.: 37908

PAGE 1 OF 3

(See Reverse Side for Instructions)

Address: 8615 W. Bryn Mawr Ave, Chicago, IL

Phone (773) 380-9933 Fax: (773) 380-6429

Project No/ Phase/Task Code: 054046/042407

Project Name: Oxy Chem

Project Location: Wichita, KS

Chemistry Contact: Paul McMahon

Sampler(s): Jeremy Ray, Mark Cox

Laboratory Name: Continental Analytical

Lab Contact: Cliff Burke

Lab Location: Salina, KS

Lab Quote No:

SSOW ID:

Cooler No:

Carrier:

Airbill No:

Date Shipped:

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Metals/Hardness	Chloride/Hardness	MS/MSD Request	Comments/ Special Instructions:
1	WG-05152013-MDC-MW26S1	05/15/13	1420	WG	G	5	3							8	X	X	X	X		
2	WG-05152013-MDC-MW26S3	05/15/13	1505			5	3							8	X	X	X	X		
3	WG-05152013-MDC-IW40	05/15/13	1550			5	3							8	X	X	X	X		
4	WG-05152013-MDC-IW40MS	05/15/13	1550			5	3							8	X	X	X	X		Discrepancies See C/S RF
5	WG-05152013-MDC-IW40MSD	05/15/13	1550			5	3							8	X	X	X	X		
6	WG-05152013-JR-MW28S1	5/15/13	1405			5	3							8	X	X	X	X		
7	WG-05152013-JR-MW28S3	5/15/13	1445			5	3							8	X	X	X	X		
8	WG-05152013-JR-MW28S2	5/15/13	1515			5	3							8	X	X	X	X		
9	WG-05152013-JR-FD4	5/15/13	00:00			5	3							8	X	X	X	X		
10	WG-05162013-MC-AMW101D	5/16/13	0845			5	3							8	X	X	X	X		
11	WG-05162013-MC-AMW101I	5/16/13	0930			5	3							8	X	X	X	X		
12	WG-05162013-MC-AMW101S	5/16/13	0952			5	3							8	X	X	X	X		
13	WG-05162013-MC-AMW5S	5/16/13	1045			5	3							8	X	X	X	X		
14	WG-05162013-MC-AMW5D	5/16/13	11:15			5	3							8	X	X	X	X		
15	WG-05162013-MC-AMW107D	5/16/13	1315			5	3							8	X	X	X	X		

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 120

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [signature]	CRA	5/17/13	1105	1. [signature]	CAS	5/17/13	1235
2. [signature]	CAS	5/17/13	1450	2. [signature]	CAS	5/17/13	1450
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO. 111093

COC NO.: 37909

PAGE 2 OF 3

(See Reverse Side for Instructions)

Address: 845 W. Bryn Mawr Ave. Chicago IL
Phone: 773-380-9933 Fax: 773-380-6429

Project No/ Phase/Task Code: 054046/042407
Project Name: OXY CHEM
Project Location: Wichita, KS
Chemistry Contact: Paul McMahon
Sampler(s): Jeremy Fayc Mark Cox

Laboratory Name: Continental Analytical
Lab Contact: Cliff Barker
Lab Location: Salina KS
Lab Quote No:

SSOW ID:
Cooler No:
Carrier:
Airbill No:
Date Shipped:

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd//yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Pesticides / Herbicides	Chloride / Hardness							MS/MSD Request	Comments/ Special Instructions:
1	WG-0516 2013-MC-AMW 1075	05/16/13	1355	~~WG~~	G	5	3							8	X	X	X	X								
2	~~WG-0516 2013-MC-AMW~~																									
3	WG-0516 2013-MC-MW1415 2/53	5/16/13	1500			5	3							8	X	X	X	X								
4	WG-0516 2013-MC-IW42		1600			5	3							8	X	X	X	X								
5	WG-0516 2013-MC-IW29		1430			5	3							8	X	X	X	X								
6	WG-0516 2013-JR-MW1052		0910			5	3							8	X	X	X	X								
7	WG-0516 2013-JR-MW1051		1015			5	3							8	X	X	X	X								
8	WG-0516 2013-JR-MW1053		1100			5	3							8	X	X	X	X								
9	WG-0516 2013-JR-MW3051		1315			5	3							8	X	X	X	X								
10	WG-0516 2013-JR-MW3053		1400			5	3							8	X	X	X	X								
11	WG-0516 2013-JR-MW0653		1515			5	3							8	X	X	X	X								
12	WG-0516 2013-JR-MW0651		1600			5	3							8	X	X	X	X								
13	WG-0517 2013-JR-MW06BR	5/17/13	0830			5	3							8	X	X	X	X								
14	WG-0517 2013-MC-IW35A	5/17/13	0730			5	3							8	X	X	X	X								
15	WG-0517 2013-MC-IW35B	5/17/13	0745			5	3							8	X	X	X	X								

Edits made prior to sample receipt

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 112

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	CRA	5/17/13	1105	1.	CAS	5/17/13	1235
2.	CAS	5/17/13	1450	2.	CAS	5-17-13	1450
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO.: 37915

Address: 8615 W Bryn Mawr Ave, Chicago, IL

Phone: 773-380-9933 Fax: 773-380-6439

111093

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/042407

Project Name: Oxy Chem

Project Location: Wichita, KS

Chemistry Contact: Paul McMahon

Sampler(s): Jeremy Roye Mark Cox

Laboratory Name: Continental Analytical

Lab Contact: Cliff Barker

Lab Location: Salina KS

Lab Quote No:

SSOW ID:

Cooler No:

Carrier:

Airbill No:

Date Shipped:

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOC	Pesticide/Herbicide	Chloride/Hardness								MS/MSD Request	Comments/ Special Instructions:
1	WG-05172013-MC-IW44	5/17/13	820	WG	G	5	3							8	X	X	X	X									
2	WG-05172013-MC-IW43	5/17/13	845	WG	G	15	9							24	X	X	X	X									MS/MSD
3	WG-05172013-MC-IW36	5/17/13	915			5	3							8	X	X	X	X									
4	WG-05172013-MC-IW32		930			5	3							8	X	X	X	X									
5	WG-05172013-MC-IW31		950			5	3							8	X	X	X	X									
6	WG-05172013-MC-IW30		1010			5	3							8	X	X	X	X									
7	WG-05172013-JR-MW143SS		0950			5	3							8	X	X	X	X									
8	WG-05172013-JR-FD5		00:00			5	3							8	X	X	X	X									
9	Trip Blank		1100				3							3	X												
10	Trip Blank		1100				3							3	X												
11																											
12																											
13																											
14																											
15																											

TAT Required in business days (use separate COCs for different TATs): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 86

All Samples in Cooler must be on COC

Notes/ Special Requirements: Total 318

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	CRA	5/17/13	1105	1.	CAS	5-17-13	1235
2.	CAS	5-17-13	1450	2.	CAS	5-17-13	1450
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

IW 2853 2LA FDV LA

VOC's

Cooler 1 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3 887 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:
Seal Name: Seal Date:
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 15 Corrected Reading (°C) 20
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5
☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☐ No ☒ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☒ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments: IW42 - 1 VOC has bubble
2853 should be 2852 times match
2-LA

Completed by: MPY Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

IW40 12LA

Cooler 2 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 3.7 Corrected Reading (°C) 4.2
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPY Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

IW36, IW32 YLA 250P

IW43 2LA

IW30, IW33 250P

Cooler 3 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3471 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 6.8 Corrected Reading (°C) 7.3

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☒ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☐ No ☒ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☒ Other discrepancies: _____

Detail to discrepancies/comments: 1 LA - no description - time matches IW36

Completed by: MPR Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

AMW101 I, AMW101D YLA 2508
AMW 05D LA

Cooler 4 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3565 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.9 Corrected Reading (°C) 1.4
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5
☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 11093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

Table 1425, IW 42, 1629 41A 250P

Cooler 5 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3466 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 3.6 Corrected Reading (°C) 4.1

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXX

CAS File No.: 7775

Sample ID's in cooler: See COC

MU1435253, FD5-4LA 250D

Cooler 6 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.2 Corrected Reading (°C) 0.7

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7225

Sample ID's in cooler: See COC

MW2853 3LA 250P

MW2851 4LA 250P

MW2852 LA 250V

FDY 3LA 250P

Cooler 7 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3918 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.6 Corrected Reading (°C) 2.1

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

IW 43 MS/MSD 10LA 3-250P

IW 44 LA

Cooler 8 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3789 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 4.0 Corrected Reading (°C) 4.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY **CAS File No.:** 775

Sample ID's in cooler: See COC

MW0651, MW0653 VLA 250P
MW 3053 2LA 250P
MW 0688 LA

Cooler 9 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.8 Corrected Reading (°C) 3.3

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

MW 1053, MW3053 YLA, 2508

MW 3053, MW96BR 2LA

Cooler 10 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 3.0 Corrected Reading (°C) 3.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY **CAS File No.:** 7775

Sample ID's in cooler: See COC

MW2653, MW2651 YLA 250P 1WYO MSJMSD 3-250P

Cooler 11 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: _____ (Client's Cooler) / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / (Field Svcs) / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.9 Corrected Reading (°C) 2.4

Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXX

CAS File No.: 7775

Sample ID's in cooler: See COC

1W35A 1W35B 4LA 250P

1W 44 3LA 250P

Cooler 12 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3922 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.8 Corrected Reading (°C) 3.3

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC
1W31, 1W30 4LA MSD
VOCs - 1W30, 1W43, 1W36 1W31 1W32 1W43 Trip Blank
1W35A 1W35B 1W43M 1W44

Cooler 13 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: _____ (Client's Cooler) / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / (Field Svcs) / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.9
Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

1015, 055 4LA 250P

050 3LA, 250P

Cooler 14 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3291 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.9

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111083

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

MW 1051, MW 1052 4LA

MW06BR LA, 250P

MW 1052 250P

Cooler 15 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3105 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.9
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5
☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MPY Date Completed: 5-17-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111093

Client Name: OXY **CAS File No.:** 7775

Sample ID's in cooler: See COC

1070, 1075 YLA, 2500P

MW 2853 LA

Cooler 16 **of** 16 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 2552 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 17 / 13 14 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.9

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MGR **Date Completed:** 5-17-13

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 06/03/2013 1550
Continental File No.: 7775
Continental Order No.: 111421
Project ID: 054046
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 13 pages for the analytical report, 1 page(s) for the chain of custody and/or analysis request, and 1 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13060056	WG-05312013-JR-AP2804	Liquid	5/31/2013
13060057	WG-05312013-JR-AP2800	Liquid	5/31/2013
13060058	WG-05312013-JR-Trip Blank	Liquid	5/31/2013

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830

KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Lab Number: 13060056
Sample Description: WG-05312013-JR-AP2804

Date Sampled: 05/31/2013
Time Sampled: 0920

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	309	mg/L as CaCO3	7157/601
Chloride	48	mg/L	7277/262

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/08/13 0034	130604-5	7NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/08/13 0034	130604-5	7NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/07/13 0122	130604-1	2EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/12/13 0254	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 2030	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	06/07/13 1241	06/07/13 2230	130607-5	9IP4158	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 0902	1IC2161	8IC2161	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13060056

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Lab Number: 13060057
Sample Description: WG-05312013-JR-AP2800

Date Sampled: 05/31/2013
Time Sampled: 0940

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0) SR	µg/L	7370/34
Pentachlorophenol	ND(0.5) SR	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	329	mg/L as CaCO3	7157/601
Chloride	73	mg/L	7277/262

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/08/13 0113	130604-5	7NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/08/13 0113	130604-5	7NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/07/13 0204	130604-1	2EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/12/13 0340	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 2055	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	06/07/13 1241	06/07/13 2234	130607-5	9IP4158	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 0915	1IC2161	8IC2161	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13060057

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Lab Number: 13060058
Sample Description: WG-05312013-JR-Trip Blank

Date Sampled: 05/31/2013
Time Sampled: 1015

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260	HS Y		
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	0.7	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	06/04/13 2121	1MS9155	1MS9155	RKR	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13060058

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

HS - Headspace was present in the VOC vial or BOD bottle with a bubble size greater than approximately 6 mm in diameter.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

Y - The recommended pH adjustment or chemical preservation procedure was not followed or was inadequate for this sample matrix.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130604-5	130604BLK5	130604LCS5	13052609MS
CL350	Pentachlorophenol	130604-5	130604BLK5 06/10/13 1842	130604LCS5 06/07/13 1644	13052609MS 06/10/13 2001
Lab numbers associated with this batch: 13060056 13060057					
CL351	OXY Chlorinated Hyd.	130604-1	130604BLK1 06/06/13 1657	130604LCS1 06/06/13 1739	13052609MS 06/06/13 2027
Lab numbers associated with this batch: 13060056 13060057					
MS302	OXY GC/MS Acids	130604-3	130604BLK3 06/11/13 1828	130604LCS3 06/12/13 1446	13052609MS 06/11/13 2217
Lab numbers associated with this batch: 13060056 13060057					
MS350	OXY Volatiles by 8260	1MS9155	BLK1MS9155 06/04/13 1614	LCS1MS9155 06/04/13 1523	13052609MS 06/04/13 1757
Lab numbers associated with this batch: 13060056 13060057 13060058					
SL323	Hardness (Calculated)	130607-5	130607BLK5 06/07/13 2213	130607LCS5 06/07/13 2217	13060587MS 06/07/13 2316
Lab numbers associated with this batch: 13060056 13060057					
GL502	Chloride	1IC2161	BLK1IC2161 06/10/13 1357	LCS1IC2161 06/10/13 1410	13060087MS 06/10/13 1501
Lab numbers associated with this batch: 13060056 13060057					

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130604-1	**For samples prepared on: 06/04/2013 0800**					**Spiked sample: 13052609**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	100.	83.9-128	0.50	µg/L			84.0-131	0.50	µg/L	**	13.0
B-BHC	ND(0.037)	96.2	83.5-129	0.50	µg/L			83.7-129	0.50	µg/L	**	13.2
G-BHC	ND(0.052)	103	83.6-128	0.50	µg/L			82.4-131	0.50	µg/L	**	13.2
Hexachloroethane	ND(0.02)	78.2	57.2-125	0.50	µg/L			40.1-127	0.50	µg/L	**	18.6
Hexachlorobutadiene	0.01 J	79.2	51.9-126	0.50	µg/L			37.5-125	0.50	µg/L	**	21.3
Hexachlorobenzene	ND(0.10)	103	74.7-127	0.50	µg/L			72.6-127	0.50	µg/L	**	15.4
D-BHC	ND(0.05)	112	78.7-146	0.50	µg/L			78.0-148	0.50	µg/L	**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.9	74.1	53.9-120	8.0	µg/L	MN	MN	53.9-120	8.0	µg/L	**	
QC Batch: 130604-3	**For samples prepared on: 06/04/2013 1530**					**Spiked sample: 13052609**						
OXY GC/MS Acids						MN	MN					
2-Chlorophenol	ND(5.0)	82.4	73.0-97.8	50.0	µg/L			69.5-101	50.0	µg/L	**	11.9
3-& 4-Chlorophenol	ND(5.0)	74.1	61.2-86.6	50.0	µg/L			59.9-90.4	50.0	µg/L	**	11.8
2,4-Dichlorophenol	ND(5.0)	86.4	73.1-116	50.0	µg/L			72.2-118	50.0	µg/L	**	18.7
2,5-Dichlorophenol	ND(5.0)	87.5	72.9-112	50.0	µg/L			82.6-107	50.0	µg/L	**	16.2
2,6-Dichlorophenol	ND(5.0)	86.5	81.0-110	50.0	µg/L			78.8-114	50.0	µg/L	**	10.7
2,4,5-Trichlorophenol	ND(5.0)	89.3	79.1-115	50.0	µg/L			77.6-118	50.0	µg/L	**	11.7
2,4,6-Trichlorophenol	ND(5.0)	88.8	80.4-117	50.0	µg/L			78.1-121	50.0	µg/L	**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	95.7 CE	65.5-129	100	µg/L			66.2-131	100	µg/L	**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	95.7 CE	64.5-131	100	µg/L			63.8-134	100	µg/L	**	13.1
Surrogates:												
PHENOL-d6	32.8	37.2	21.7-41.8	150	µg/L	MN	MN	21.7-41.8	150	µg/L	**	
2-FLUOROPHENOL	50.5	54.1	36.2-67.8	150	µg/L	MN	MN	36.2-67.8	150	µg/L	**	
2,4,6-TRIBROMOPHENOL	91.5	93.9	62.3-129	150	µg/L	MN	MN	62.3-129	150	µg/L	**	
QC Batch: 130604-5	**For samples prepared on: 06/04/2013 1100**					**Spiked sample: 13052609**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	112	77.6-131	4.0	µg/L	MN	MN	78.6-129	4.0	µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	106	108	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130604-5	**For samples prepared on: 06/04/2013 1100**					**Spiked sample: 13052609**						
Pentachlorophenol	ND(0.5)	96.3	72.0-127	4.0	µg/L	MN	MN	13.9-147	4.0	µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	106	108	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130607-5	**For samples prepared on: 06/07/2013 1241**					**Spiked sample: 13060587**						
Hardness (Calculated)	ND(5.0)	99.8	80.0-120	337	mg/L a	MN	MN	80.0-120	337	mg/L a	**	20.0
QC Batch: 1IC2161	**For sample analyzed on: 06/10/2013**					**Spiked sample: 13060087**						
Chloride	ND(1.0)	99.6	90.0-110	4.0	mg/L	MN	MN	74.5-127		mg/L	**	5.3
QC Batch: 1MS9155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052609**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	94.6	81.5-118	10.0	µg/L			78.1-121	10.0	µg/L	**	10.7
1,2-Dichloroethane	ND(0.5)	86.7	69.8-120	10.0	µg/L			68.0-125	10.0	µg/L	**	10.8
Benzene	ND(0.5)	95.6	82.7-115	10.0	µg/L			80.1-119	10.0	µg/L	**	6.8
Carbon tetrachloride	ND(0.5)	92.5	80.9-128	10.0	µg/L			72.6-132	10.0	µg/L	**	10.6
Chloroform	ND(0.5)	86.1	76.9-118	10.0	µg/L			73.8-122	10.0	µg/L	**	8.7
Chloromethane	ND(0.5)	107	70.6-125	10.0	µg/L			62.8-132	10.0	µg/L	**	13.5
Methylene chloride	ND(0.5)	90.3	76.1-114	10.0	µg/L			74.3-118	10.0	µg/L	**	10.5

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS9155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052609**						
Tetrachloroethylene	ND(0.5)	101	84.5-126	10.0	µg/L			81.2-125	10.0	µg/L	**	10.1
Trichloroethylene	ND(0.5)	90.0	82.0-113	10.0	µg/L			79.3-117	10.0	µg/L	**	8.7
Vinyl chloride	ND(0.5)	109	72.1-130	10.0	µg/L			66.9-134	10.0	µg/L	**	14.4
1,2-Dichloropropane	ND(0.5)	92.2	78.6-113	10.0	µg/L			76.4-118	10.0	µg/L	**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	98.2	99.6	73.2-126	10.0	µg/L	MN	MN	73.2-126	10.0	µg/L	**	
TOLUENE-d8	108	106	88.6-116	10.0	µg/L	MN	MN	88.6-116	10.0	µg/L	**	

Data Qualifiers:

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13060056		**Sample Description: WG-05312013-JR-AP2804**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/08/2013	5.0	µg/L	94.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/08/2013	5.0	µg/L	94.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/07/2013	8.0	µg/L	75.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/12/2013	150	µg/L	34.0	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/12/2013	150	µg/L	51.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/12/2013	150	µg/L	101	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	101	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	104	88.6-116
Lab Number: 13060057		**Sample Description: WG-05312013-JR-AP2800**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/08/2013	5.0	µg/L	157 SI	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/08/2013	5.0	µg/L	157 SI	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/07/2013	8.0	µg/L	78.3	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/12/2013	150	µg/L	35.1	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/12/2013	150	µg/L	54.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/12/2013	150	µg/L	109	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	102	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	106	88.6-116
Lab Number: 13060058		**Sample Description: WG-05312013-JR-Trip Blank**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	104	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	104	88.6-116

Data Qualifiers:
SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 06/03/2013
Continental File No: 7775
Continental Order No: 111421

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	06/07/2013	7NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/08/2013	8NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	7NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/08/2013	8NX5157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	2EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/07/2013	3EX3157	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/11/2013	8IC2161	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/11/2013	9IC2161	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/07/2013	10IP4158	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/07/2013	9IP4158	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	06/11/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/11/2013	2MS6162	100	123	µg/ml	123 CE CH
2,3,4,6-Tetrachlorophenol	06/11/2013	2MS6162	100	123	µg/ml	123 CE CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13060056	2MS6162	WG-05312013-JR-AP2804
13060057	2MS6162	WG-05312013-JR-AP2800

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	06/04/2013	1MS9155	CCV recovery acceptable for this Instrument Batch.			

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

- Laboratory Report Conclusion -

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO.: 111421

COC NO.: 37917

PAGE 1 OF 1

Address: 8615 W Bryn Mawr Ave, Chicago, IL

Phone: SSOW #251-402-D02-3100 Report/EDD 06/24/13

Fax:

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046	Laboratory Name: Continental Analytical	Lab Location: Salina, KS	SSOW ID:
Project Name: Oxy Chem	Lab Contact: Cliff Barker	Lab Quote No:	Cooler No:
Project Location: Wichita, KS			Carrier:
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Raye			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Herbicide/Pesticide	Chloride/Hardness							MS/MSD Request	Comments/ Special Instructions:
1	WG-05312013-JR-AP2804	5/31/13	0920	WG	G	5	3							8	X	X	X	X								
2	WG-05312013-JR-AP2800	↓	0940	↓	↓	5	3							8	X	X	X	X								Discrepancies See C/S RFQ 6/3/13
3	WG-05312013-JR-Tripblank	↓	1015	↓	↓		3							3	X											
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 19

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time		Received By	Company	Date	Time
1.	[signature]	CRA	6/2/13	1045	1.	[signature]	CAS	6213	1045
2.					2.				
3.						[signature]	CAS	6-3-13	1550

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 11142

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler: See COC

Cooler 1 **of** 1 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3909 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 6 / 3 / 13 15 : 50

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: ☒ Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.1 Corrected Reading (°C) 0.6
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

PR 6-3-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☐ **No** ☒ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments: Trip Blank all 3 VOCs have bubbles

Completed by: PR **Date Completed:** 6-3-13

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/22/2013 1640
Continental File No.: 7775
Continental Order No.: 111193
Project ID: 054046/042407
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 68 pages for the analytical report, 2 page(s) for the chain of custody and/or analysis request, and 8 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13052023	WG-05202013-JR-MW29S3	Liquid	5/20/2013
13052023R	WG-05202013-JR-MW29S3	Liquid	5/20/2013
13052024	WG-05202013-JR-MW29S1	Liquid	5/20/2013
13052024R	WG-05202013-JR-MW29S1	Liquid	5/20/2013
13052025	WG-05202013-JR-MW29S2	Liquid	5/20/2013
13052025R	WG-05202013-JR-MW29S2	Liquid	5/20/2013
13052026	WG-05202013-DH-MW12S1A	Liquid	5/20/2013
13052026R	WG-05202013-DH-MW12S1A	Liquid	5/20/2013
13052027	WG-05202013-DH-MW16S25S	Liquid	5/20/2013
13052027R	WG-05202013-DH-MW16S25S	Liquid	5/20/2013
13052028	WG-05202013-DH-MW16BR	Liquid	5/20/2013
13052029	WG-05212013-JR-MW03S1	Liquid	5/21/2013
13052030	WG-05212013-JR-MW13S3	Liquid	5/21/2013
13052031	WG-05212013-JR-MW13S1	Liquid	5/21/2013
13052032	WG-05212013-JR-MW15S1	Liquid	5/21/2013
13052033	WG-05212013-JR-MW15S2	Liquid	5/21/2013
13052034	WG-05212013-JR-MW14S3	Liquid	5/21/2013
13052035	WG-05212013-JR-MW14S1	Liquid	5/21/2013
13052036	WG-05212013-DH-MW16S1A	Liquid	5/21/2013
13052037	WG-05212013-DH-MW22S2	Liquid	5/21/2013
13052038	WG-05212013-DH-MW22S1	Liquid	5/21/2013
13052039	WG-05212013-DH-MW140S1	Liquid	5/21/2013
13052040	WG-05212013-DH-MW140S2/S3	Liquid	5/21/2013
13052040R	WG-05212013-DH-MW140S2/S3	Liquid	5/21/2013
13052041	WG-05222013-DH-MW114S1	Liquid	5/22/2013
13052042	WG-05222013-DH-MW113S3	Liquid	5/22/2013
13052043	TRIP BLANK-05222013	Liquid	5/22/2013

The trip blank for this group of samples is contaminated with VOCs. The lot number for these containers corresponds with a 2010 manufacturing date. Other trip blanks that were shipped and received for this event correspond with a 2013 manufacturing date. It appears that trip blanks, that were shipped to the site for a previous event, were contaminated at the site and inadvertently used for this sampling event. The associated samples should not be affected.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830

KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052023
Sample Description: WG-05202013-JR-MW29S3

Date Sampled: 05/20/2013
Time Sampled: 1450

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	7.1 E FC	µg/L	7370/34
Pentachlorophenol	12	µg/L	7370/34
OXY Chlorinated Hyd.	SR		
A-BHC	0.095	µg/L	7360/28
B-BHC	1.42 E FC	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	ND(0.02)	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0) QC	µg/L	7326/175
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/175
2,4-Dichlorophenol	66.4	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	8.5	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	11.8	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	10.4 CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	10.4 CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	6.3	µg/L	7348/80
1,2-Dichloroethane	293	µg/L	7348/80
Benzene	8.4	µg/L	7348/80
Carbon tetrachloride	ND(3)	µg/L	7348/80
Chloroform	ND(3)	µg/L	7348/80
Chloromethane	ND(3)	µg/L	7348/80
Methylene chloride	ND(3)	µg/L	7348/80
Tetrachloroethylene	73.8	µg/L	7348/80
Trichloroethylene	104	µg/L	7348/80
Vinyl chloride	ND(3)	µg/L	7348/80
1,2-Dichloropropane	ND(3)	µg/L	7348/80
Hardness (Calculated)	649	mg/L as CaCO3	7157/592
Chloride	1480	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/06/13 1227	130523-4	1NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/06/13 1227	130523-4	1NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 0234	130524-1	2EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 1832	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 2218	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 1910	130523-4	3IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 0929	1IC2152	1IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052023

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052023R
Sample Description: WG-05202013-JR-MW29S3

Date Sampled: 05/20/2013
Time Sampled: 1450

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP SR		
A-BHC	0.099	µg/L	7360/29
B-BHC	1.54 FC E	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/06/13 0414	130605-1	5EX3155	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052023R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052024
Sample Description: WG-05202013-JR-MW29S1

Date Sampled: 05/20/2013
Time Sampled: 1535

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	0.017	µg/L	7360/28
B-BHC	0.191	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	ND(0.02)	µg/L	7360/28
Hexachlorobutadiene	0.10 B	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0) QC	µg/L	7326/180
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/180
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/180
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/180
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/180
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/180
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	88.8	µg/L	7348/80
Chloroform	9.2	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	ND(0.5)	µg/L	7348/80
Trichloroethylene	0.5	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80
Hardness (Calculated)	677	mg/L as CaCO3	7157/592
Chloride	900	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/06/13 0045	130523-4	2NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/06/13 0045	130523-4	2NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 0317	130524-1	2EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	06/06/13 0226	130524-2	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/23/13 2244	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 1914	130523-4	3IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 0942	1IC2152	1IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052024

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052024R
Sample Description: WG-05202013-JR-MW29S1

Date Sampled: 05/20/2013
Time Sampled: 1535

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	0.019	µg/L	7360/29
B-BHC	0.243	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/06/13 0456	130605-1	5EX3155	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052024R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052025
Sample Description: WG-05202013-JR-MW29S2

Date Sampled: 05/20/2013
Time Sampled: 1620

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	0.401	µg/L	7360/28
B-BHC	2.17	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	0.04 B	µg/L	7360/28
Hexachlorobutadiene	0.08 B	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0) QC	µg/L	7326/180
3-& 4-Chlorophenol	9.2	µg/L	7326/180
2,4-Dichlorophenol	70.5	µg/L	7326/180
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,6-Dichlorophenol	25.8	µg/L	7326/180
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/180
2,4,6-Trichlorophenol	12.1	µg/L	7326/180
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/180
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/180
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(3)	µg/L	7348/80
1,2-Dichloroethane	108	µg/L	7348/80
Benzene	87.1	µg/L	7348/80
Carbon tetrachloride	ND(3)	µg/L	7348/80
Chloroform	ND(3)	µg/L	7348/80
Chloromethane	ND(3)	µg/L	7348/80
Methylene chloride	ND(3)	µg/L	7348/80
Tetrachloroethylene	5.8	µg/L	7348/80
Trichloroethylene	37	µg/L	7348/80
Vinyl chloride	ND(3)	µg/L	7348/80
1,2-Dichloropropane	ND(3)	µg/L	7348/80
Hardness (Calculated)	2280	mg/L as CaCO3	7157/596
Chloride	5500	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/06/13 1910	130523-4	3NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/06/13 0124	130523-4	2NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 0359	130524-1	2EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	06/06/13 0357	130524-2	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/23/13 2310	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	06/04/13 1854	130523-4	3IP4155	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 0955	1IC2152	1IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052025

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052025R
Sample Description: WG-05202013-JR-MW29S2

Date Sampled: 05/20/2013
Time Sampled: 1620

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	0.427	µg/L	7360/29
B-BHC	2.16	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/06/13 0538	130605-1	5EX3155	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052025R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052026
Sample Description: WG-05202013-DH-MW12S1A

Date Sampled: 05/20/2013
Time Sampled: 1416

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	24 SR	µg/L	7370/34
Pentachlorophenol	5.9 FD	µg/L	7370/31
OXY Chlorinated Hyd.	SR		
A-BHC	0.47	µg/L	7360/28
B-BHC	1.25 E FC	µg/L	7360/28
G-BHC	ND(0.52)	µg/L	7360/28
Hexachloroethane	28.2	µg/L	7360/28
Hexachlorobutadiene	11.4 B	µg/L	7360/28
Hexachlorobenzene	ND(1.0)	µg/L	7360/28
D-BHC	0.6	µg/L	7360/28
OXY GC/MS Acids	SR		
2-Chlorophenol	35.1 QC	µg/L	7326/175
3-& 4-Chlorophenol	8.3	µg/L	7326/175
2,4-Dichlorophenol	OC	µg/L	7326/175
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/175
2,6-Dichlorophenol	75.8	µg/L	7326/175
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/175
2,4,6-Trichlorophenol	108	µg/L	7326/175
2,3,4,5-Tetrachlorophenol	17.5 CE	µg/L	7326/175
2,3,4,6-Tetrachlorophenol	17.5 CE	µg/L	7326/175
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(100)	µg/L	7348/80
1,2-Dichloroethane	200	µg/L	7348/80
Benzene	ND(100)	µg/L	7348/80
Carbon tetrachloride	8460	µg/L	7348/80
Chloroform	24000	µg/L	7348/80
Chloromethane	ND(100)	µg/L	7348/80
Methylene chloride	1300	µg/L	7348/80
Tetrachloroethylene	2200	µg/L	7348/80
Trichloroethylene	200	µg/L	7348/80
Vinyl chloride	ND(100)	µg/L	7348/80
1,2-Dichloropropane	470	µg/L	7348/80
Hardness (Calculated)	976	mg/L as CaCO3	7157/596
Chloride	2160	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/06/13 1306	130523-4	1NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/06/13 0203	130523-4	2NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 1131	130524-1	4EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	05/31/13 2049	130524-2	1MS6151	JMM	8270C
OXY Volatiles by 8260	N/A	05/23/13 2336	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	06/04/13 1858	130523-4	3IP4155	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1008	1IC2152	1IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052026

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052026R
Sample Description: WG-05202013-DH-MW12S1A

Date Sampled: 05/20/2013
Time Sampled: 1416

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP SR		
A-BHC	0.46	µg/L	7360/29
B-BHC	1.25 FC E	µg/L	7360/29
G-BHC	ND(0.52)	µg/L	7360/29
Hexachloroethane	27.5	µg/L	7360/29
Hexachlorobutadiene	10.6	µg/L	7360/29
Hexachlorobenzene	ND(1.0)	µg/L	7360/29
D-BHC	0.5	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	32 QC	µg/L	7326/180
3-& 4-Chlorophenol	ND(20)	µg/L	7326/180
2,4-Dichlorophenol	348	µg/L	7326/180
2,5-Dichlorophenol	ND(20)	µg/L	7326/180
2,6-Dichlorophenol	93.2	µg/L	7326/180
2,4,5-Trichlorophenol	ND(20)	µg/L	7326/180
2,4,6-Trichlorophenol	129	µg/L	7326/180
2,3,4,5-Tetrachlorophenol	ND(20) CE	µg/L	7326/180
2,3,4,6-Tetrachlorophenol	ND(20) CE	µg/L	7326/180

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/06/13 0950	130605-1	6EX3155	JMM	8121
OXY GC/MS Acids	05/24/13 1330	06/06/13 0527	130524-2	1MS6157	BLP	8270C
Acid Preparation Method						625/3510C
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052026R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052027
Sample Description: WG-05202013-DH-MW16S25S

Date Sampled: 05/20/2013
Time Sampled: 1515

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	2.4 FC	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	0.412	µg/L	7360/28
B-BHC	1.14	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	0.18 B	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids			
2-Chlorophenol	892 QC	µg/L	7326/180
3-& 4-Chlorophenol	958	µg/L	7326/180
2,4-Dichlorophenol	1270	µg/L	7326/180
2,5-Dichlorophenol	ND(50)	µg/L	7326/180
2,6-Dichlorophenol	ND(50)	µg/L	7326/180
2,4,5-Trichlorophenol	ND(50)	µg/L	7326/180
2,4,6-Trichlorophenol	ND(50)	µg/L	7326/180
2,3,4,5-Tetrachlorophenol	ND(50) CE	µg/L	7326/180
2,3,4,6-Tetrachlorophenol	ND(50) CE	µg/L	7326/180
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(50)	µg/L	7348/80
1,2-Dichloroethane	ND(50)	µg/L	7348/80
Benzene	ND(50)	µg/L	7348/80
Carbon tetrachloride	680	µg/L	7348/80
Chloroform	120	µg/L	7348/80
Chloromethane	ND(50)	µg/L	7348/80
Methylene chloride	ND(50)	µg/L	7348/80
Tetrachloroethylene	ND(50)	µg/L	7348/80
Trichloroethylene	ND(50)	µg/L	7348/80
Vinyl chloride	ND(50)	µg/L	7348/80
1,2-Dichloropropane	ND(50)	µg/L	7348/80
Hardness (Calculated)	426	mg/L as CaCO3	7157/592
Chloride	1850	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/06/13 0243	130523-4	2NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/06/13 0243	130523-4	2NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 1214	130524-1	4EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	06/06/13 0442	130524-2	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 0002	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 1927	130523-4	3IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 1732	1IC2155	1IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052027

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052027R
Sample Description: WG-05202013-DH-MW16S25S

Date Sampled: 05/20/2013
Time Sampled: 1515

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	0.397	µg/L	7360/29
B-BHC	1.08	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	0.17	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/05/13 0830	06/06/13 0702	130605-1	5EX3155	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052027R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052028
Sample Description: WG-05202013-DH-MW16BR

Date Sampled: 05/20/2013
Time Sampled: 1623

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/31
Pentachlorophenol	ND(0.5)	µg/L	7370/31
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/28
B-BHC	ND(0.037)	µg/L	7360/28
G-BHC	ND(0.052)	µg/L	7360/28
Hexachloroethane	ND(0.02)	µg/L	7360/28
Hexachlorobutadiene	ND(0.02)	µg/L	7360/28
Hexachlorobenzene	ND(0.10)	µg/L	7360/28
D-BHC	ND(0.05)	µg/L	7360/28
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0) QC	µg/L	7326/180
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/180
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/180
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/180
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/180
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/180
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/180
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	ND(0.5)	µg/L	7348/80
Chloroform	ND(0.5)	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	ND(0.5)	µg/L	7348/80
Trichloroethylene	ND(0.5)	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80
Hardness (Calculated)	1810	mg/L as CaCO3	7157/596
Chloride	50.	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/23/13 1730	06/06/13 0322	130523-4	2NX5156	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/23/13 1730	06/06/13 0322	130523-4	2NX5156	LPL	8151A(M)
OXY Chlorinated Hyd.	05/24/13 1140	06/04/13 0647	130524-1	3EX3154	JMM	8121
OXY GC/MS Acids	05/24/13 1330	06/06/13 0141	130524-2	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 0028	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	06/04/13 1902	130523-4	3IP4155	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1033	1IC2152	1IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052028

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052029
Sample Description: WG-05212013-JR-MW03S1

Date Sampled: 05/21/2013
Time Sampled: 0910

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	2.28	µg/L	7360/29
B-BHC	0.40 QC	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	ND(0.5)	µg/L	7348/81
Chloroform	ND(0.5)	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	ND(0.5)	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	4.0	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	236	mg/L as CaCO3	7157/592
Chloride	39.2	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/06/13 2108	130528-5	3NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/06/13 2108	130528-5	3NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/04/13 1952	130528-3	1EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1212	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 1910	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 1944	130523-4	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1046	1IC2152	1IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052029

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052030
Sample Description: WG-05212013-JR-MW13S3

Date Sampled: 05/21/2013
Time Sampled: 1100

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	ND(0.5)	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	0.6	µg/L	7348/80
Chloroform	ND(0.5)	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	ND(0.5)	µg/L	7348/80
Tetrachloroethylene	ND(0.5)	µg/L	7348/80
Trichloroethylene	ND(0.5)	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80
Hardness (Calculated)	128	mg/L as CaCO3	7157/592
Chloride	25.9	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/06/13 2306	130528-5	3NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/06/13 2306	130528-5	3NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/04/13 2158	130528-3	1EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1430	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 0054	1MS5143	1MS5143	JMM	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2001	130523-4	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1149	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052030

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052031
Sample Description: WG-05212013-JR-MW13S1

Date Sampled: 05/21/2013
Time Sampled: 1145

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	ND(0.5)	µg/L	7348/81
Chloroform	ND(0.5)	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	ND(0.5)	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	405	mg/L as CaCO3	7157/592
Chloride	32.2	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/06/13 2345	130528-5	3NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/06/13 2345	130528-5	3NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/04/13 2240	130528-3	1EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1516	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2027	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2005	130523-4	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1202	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052031

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052032
Sample Description: WG-05212013-JR-MW15S1

Date Sampled: 05/21/2013
Time Sampled: 1430

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	18.3	µg/L	7348/81
Chloroform	23.4	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	0.5	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	507	mg/L as CaCO3	7157/592
Chloride	206	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0024	130528-5	3NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0024	130528-5	3NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/04/13 2322	130528-3	1EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1602	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2053	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2009	130523-4	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1215	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052032

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052033
Sample Description: WG-05212013-JR-MW15S2

Date Sampled: 05/21/2013
Time Sampled: 1530

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	0.221	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	0.04	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(30)	µg/L	7348/81
1,2-Dichloroethane	ND(30)	µg/L	7348/81
Benzene	ND(30)	µg/L	7348/81
Carbon tetrachloride	935	µg/L	7348/81
Chloroform	40	µg/L	7348/81
Chloromethane	ND(30)	µg/L	7348/81
Methylene chloride	ND(30)	µg/L	7348/81
Tetrachloroethylene	ND(30)	µg/L	7348/81
Trichloroethylene	ND(30)	µg/L	7348/81
Vinyl chloride	ND(30)	µg/L	7348/81
1,2-Dichloropropane	ND(30)	µg/L	7348/81
Hardness (Calculated)	517	mg/L as CaCO3	7157/592
Chloride	480	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0103	130528-5	3NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0103	130528-5	3NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0004	130528-3	1EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1648	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2119	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2013	130523-4	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1228	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052033

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052034
Sample Description: WG-05212013-JR-MW14S3

Date Sampled: 05/21/2013
Time Sampled: 1620

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	2.1	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	0.15	µg/L	7360/29
B-BHC	0.475 FC	µg/L	7360/29
G-BHC	0.212 FC	µg/L	7360/29
Hexachloroethane	7.25	µg/L	7360/29
Hexachlorobutadiene	1.5	µg/L	7360/29
Hexachlorobenzene	ND(0.20)	µg/L	7360/29
D-BHC	0.2	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(100)	µg/L	7348/81
1,2-Dichloroethane	ND(100)	µg/L	7348/81
Benzene	ND(100)	µg/L	7348/81
Carbon tetrachloride	3980	µg/L	7348/81
Chloroform	4900	µg/L	7348/81
Chloromethane	ND(100)	µg/L	7348/81
Methylene chloride	ND(100)	µg/L	7348/81
Tetrachloroethylene	640	µg/L	7348/81
Trichloroethylene	ND(100)	µg/L	7348/81
Vinyl chloride	ND(100)	µg/L	7348/81
1,2-Dichloropropane	ND(100)	µg/L	7348/81
Hardness (Calculated)	1180	mg/L as CaCO3	7157/596
Chloride	1090	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0221	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0221	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0046	130528-3	1EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1734	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2144	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	06/04/13 1907	130523-4	3IP4155	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1240	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052034

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052035
Sample Description: WG-05212013-JR-MW14S1

Date Sampled: 05/21/2013
Time Sampled: 1655

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	ND(0.5)	µg/L	7348/81
Chloroform	ND(0.5)	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	ND(0.5)	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	343	mg/L as CaCO3	7157/592
Chloride	22.8	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0301	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0301	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0211	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1819	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2210	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2022	130523-4	4IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1253	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052035

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052036
Sample Description: WG-05212013-DH-MW16S1A

Date Sampled: 05/21/2013
Time Sampled: 0940

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	10.3	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	12.0	µg/L	7348/81
Chloroform	4.6	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	ND(0.5)	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	398	mg/L as CaCO3	7157/592
Chloride	170.	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0340	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0340	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0253	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1905	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/25/13 0111	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2035	130523-4	5IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1306	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052036

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052037
Sample Description: WG-05212013-DH-MW22S2

Date Sampled: 05/21/2013
Time Sampled: 1055

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	0.022	µg/L	7360/29
B-BHC	0.145	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	1.14	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(50)	µg/L	7348/81
1,2-Dichloroethane	ND(50)	µg/L	7348/81
Benzene	ND(50)	µg/L	7348/81
Carbon tetrachloride	4750	µg/L	7348/81
Chloroform	130	µg/L	7348/81
Chloromethane	ND(50)	µg/L	7348/81
Methylene chloride	ND(50)	µg/L	7348/81
Tetrachloroethylene	ND(50)	µg/L	7348/81
Trichloroethylene	ND(50)	µg/L	7348/81
Vinyl chloride	ND(50)	µg/L	7348/81
1,2-Dichloropropane	ND(50)	µg/L	7348/81
Hardness (Calculated)	500.	mg/L as CaCO3	7157/592
Chloride	440	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0419	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0419	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0335	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 1951	130528-4	1MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2302	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2039	130523-4	5IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1318	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052037

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052038
Sample Description: WG-05212013-DH-MW22S1

Date Sampled: 05/21/2013
Time Sampled: 1145

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	33.6	µg/L	7348/81
Chloroform	3.6	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	ND(0.5)	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	345	mg/L as CaCO3	7157/592
Chloride	155	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0458	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0458	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0417	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 2221	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2328	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2043	130523-4	5IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1331	1IC2152	2IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052038

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052039
Sample Description: WG-05212013-DH-MW140S1

Date Sampled: 05/21/2013
Time Sampled: 1428

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	ND(0.5)	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	ND(0.5)	µg/L	7348/81
Chloroform	ND(0.5)	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	ND(0.5)	µg/L	7348/81
Trichloroethylene	ND(0.5)	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	276	mg/L as CaCO3	7157/592
Chloride	18.7	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0537	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0537	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0459	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 2307	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2354	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2047	130523-4	5IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1409	1IC2152	3IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052039

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052040
Sample Description: WG-05212013-DH-MW140S2/S3

Date Sampled: 05/21/2013
Time Sampled: 1523

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	0.18	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(5)	µg/L	7348/81
1,2-Dichloroethane	ND(5)	µg/L	7348/81
Benzene	ND(5)	µg/L	7348/81
Carbon tetrachloride	OC	µg/L	7348/81
Chloroform	35	µg/L	7348/81
Chloromethane	ND(5)	µg/L	7348/81
Methylene chloride	ND(5)	µg/L	7348/81
Tetrachloroethylene	ND(5)	µg/L	7348/81
Trichloroethylene	ND(5)	µg/L	7348/81
Vinyl chloride	ND(5)	µg/L	7348/81
1,2-Dichloropropane	ND(5)	µg/L	7348/81
Hardness (Calculated)	545	mg/L as CaCO3	7157/592
Chloride	345	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0616	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0616	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0541	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/06/13 2352	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/25/13 0019	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2052	130523-4	5IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1422	1IC2152	3IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052040

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052040R
Sample Description: WG-05212013-DH-MW140S2/S3

Date Sampled: 05/21/2013
Time Sampled: 1523

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(30)	µg/L	7348/82
1,2-Dichloroethane	ND(30)	µg/L	7348/82
Benzene	ND(30)	µg/L	7348/82
Carbon tetrachloride	1890	µg/L	7348/82
Chloroform	40	µg/L	7348/82
Chloromethane	ND(30) QC	µg/L	7348/82
Methylene chloride	ND(30)	µg/L	7348/82
Tetrachloroethylene	ND(30)	µg/L	7348/82
Trichloroethylene	ND(30)	µg/L	7348/82
Vinyl chloride	ND(30)	µg/L	7348/82
1,2-Dichloropropane	ND(30)	µg/L	7348/82

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/28/13 1723	1MS5148	1MS5148	RKR	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13052040R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052041
Sample Description: WG-05222013-DH-MW114S1

Date Sampled: 05/22/2013
Time Sampled: 0920

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	0.020	µg/L	7360/29
B-BHC	0.335	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	ND(0.02)	µg/L	7360/29
Hexachlorobutadiene	ND(0.02)	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/81
1,2-Dichloroethane	0.5	µg/L	7348/81
Benzene	ND(0.5)	µg/L	7348/81
Carbon tetrachloride	ND(0.5)	µg/L	7348/81
Chloroform	ND(0.5)	µg/L	7348/81
Chloromethane	ND(0.5)	µg/L	7348/81
Methylene chloride	ND(0.5)	µg/L	7348/81
Tetrachloroethylene	2.6	µg/L	7348/81
Trichloroethylene	1.9	µg/L	7348/81
Vinyl chloride	ND(0.5)	µg/L	7348/81
1,2-Dichloropropane	ND(0.5)	µg/L	7348/81
Hardness (Calculated)	882	mg/L as CaCO3	7157/597
Chloride	1180	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0655	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0655	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0623	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0038	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/25/13 0045	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	06/05/13 1208	130523-4	3IP4156	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1435	1IC2152	3IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052041

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052042
Sample Description: WG-05222013-DH-MW113S3

Date Sampled: 05/22/2013
Time Sampled: 1030

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	80. QC	µg/L	7370/34
Pentachlorophenol	81 QC	µg/L	7370/34
OXY Chlorinated Hyd.	QC		
A-BHC	ND(1.1)	µg/L	7360/29
B-BHC	4.4	µg/L	7360/29
G-BHC	ND(5.2)	µg/L	7360/29
Hexachloroethane	230.	µg/L	7360/29
Hexachlorobutadiene	98	µg/L	7360/29
Hexachlorobenzene	ND(10)	µg/L	7360/29
D-BHC	ND(5)	µg/L	7360/29
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	8.4	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	63.4	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	47.1 CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	47.1 CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(500)	µg/L	7348/81
1,2-Dichloroethane	ND(500)	µg/L	7348/81
Benzene	ND(500)	µg/L	7348/81
Carbon tetrachloride	64700	µg/L	7348/81
Chloroform	41100	µg/L	7348/81
Chloromethane	ND(500)	µg/L	7348/81
Methylene chloride	2400	µg/L	7348/81
Tetrachloroethylene	10600	µg/L	7348/81
Trichloroethylene	600	µg/L	7348/81
Vinyl chloride	ND(500)	µg/L	7348/81
1,2-Dichloropropane	1600	µg/L	7348/81
Hardness (Calculated)	91.8	mg/L as CaCO3	7157/592
Chloride	8600	mg/L	7277/258

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0735	130528-5	4NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0735	130528-5	4NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0705	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0123	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	05/24/13 2236	1MS5144	1MS5144	RKR	8260B
Hardness (Calculated)	05/23/13 1158	05/30/13 2100	130523-4	5IP4150	KMW	6010B & SM 2340B
Chloride	N/A	06/01/13 1447	1IC2152	3IC2152	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052042

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Lab Number: 13052043
Sample Description: TRIP BLANK-05222013

Date Sampled: 05/22/2013
Time Sampled:

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/80
1,2-Dichloroethane	0.5	µg/L	7348/80
Benzene	ND(0.5)	µg/L	7348/80
Carbon tetrachloride	ND(0.5)	µg/L	7348/80
Chloroform	2.6	µg/L	7348/80
Chloromethane	ND(0.5)	µg/L	7348/80
Methylene chloride	33.9	µg/L	7348/80
Tetrachloroethylene	6.4	µg/L	7348/80
Trichloroethylene	1.5	µg/L	7348/80
Vinyl chloride	ND(0.5)	µg/L	7348/80
1,2-Dichloropropane	ND(0.5)	µg/L	7348/80

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	05/23/13 2152	1MS5143	1MS5143	JMM	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13052043

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

E - Concentration or reporting limit is an estimated value. Matrix interferences and/or sample heterogeneity were noted at the time of sample analysis.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

FD - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The higher value was reported.

HP - Regulatory preparation holding time for this analysis was exceeded.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate

data.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130523-4	130523BLK4 06/05/13 1734	130523LCS4 06/05/13 1813	13052028MS 05/23/13

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052027 13052028

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130528-5	130528BLK5 06/06/13 1950	130528LCS5 06/06/13 2029	13052029MS 06/06/13 2147

Lab numbers associated with this batch:
13052029 13052030 13052031 13052032 13052033 13052034 13052035 13052036 13052037 13052038 13052039
13052040 13052041 13052042

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130523-4	130523BLK4 06/05/13 1734	130523LCS4 06/05/13 1813	13052028MS 05/23/13

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052027 13052028

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130528-5	130528BLK5 06/06/13 1950	130528LCS5 06/06/13 2029	13052029MS 06/06/13 2147

Lab numbers associated with this batch:
13052029 13052030 13052031 13052032 13052033 13052034 13052035 13052036 13052037 13052038 13052039
13052040 13052041 13052042

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130524-1	130524BLK1 06/03/13 1438	130524LCS1 06/03/13 1520	

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052027 13052028

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130528-3	130528BLK3 06/04/13 1828	130528LCS3 06/04/13 1910	13052029MS 06/04/13 2034

Lab numbers associated with this batch:
13052029 13052030 13052031 13052032 13052033 13052034 13052035 13052036 13052037 13052038 13052039
13052040 13052041 13052042

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130605-1	130605BLK1 06/05/13 1743	130605LCS1 06/05/13 1825	

Lab numbers associated with this batch:
13052023R 13052024R 13052025R 13052026R 13052027R

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130524-2	130524BLK2 05/31/13 1136	130524LCS2 05/31/13 1223	13052028MS 05/24/13

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052026R 13052027 13052028

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130528-4	130528BLK4 06/06/13 1040	130528LCS4 06/06/13 1126	13052029MS 06/06/13 1258

Lab numbers associated with this batch:
13052029 13052030 13052031 13052032 13052033 13052034 13052035 13052036 13052037 13052038 13052039
13052040 13052041 13052042

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5143	BLK1MS5143 05/23/13 1525	LCS1MS5143 05/23/13 1433	13051620RS 05/23/13 2035

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052027 13052028 13052030 13052043

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS350	OXY Volatiles by 8260	1MS5144	BLK1MS5144 05/24/13 1543	LCS1MS5144 05/24/13 1451	13052029MS 05/24/13 1935

Lab numbers associated with this batch:
13052029 13052031 13052032 13052033 13052034 13052035 13052036 13052037 13052038 13052039 13052040
13052041 13052042

MS350	OXY Volatiles by 8260	1MS5148	BLK1MS5148 05/28/13 1330	LCS1MS5148 05/28/13 1239	

Lab numbers associated with this batch:
13052040R

SL323	Hardness (Calculated)	130523-4	130523BLK4 05/30/13 1901	130523LCS4 05/30/13 1906	13052029MS 05/30/13 1948

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052027 13052028 13052029 13052030 13052031 13052032 13052033
13052034 13052035 13052036 13052037 13052038 13052039 13052040 13052041 13052042

GL502	Chloride	1IC2152	BLK1IC2152 06/01/13 0904	LCS1IC2152 06/01/13 0917	13052029MS 06/01/13 1058

Lab numbers associated with this batch:
13052023 13052024 13052025 13052026 13052028 13052029 13052030 13052031 13052032 13052033 13052034
13052035 13052036 13052037 13052038 13052039 13052040 13052041 13052042

GL502	Chloride	1IC2155	BLK1IC2155 06/04/13 1537	LCS1IC2155 06/04/13 1550	13052199MS 06/04/13 1913

Lab numbers associated with this batch:
13052027

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130523-4	**For samples prepared on: 05/23/2013 1730**					**Spiked sample: 13052028**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	90.6	77.6-131	4.0	µg/L	F	F	78.6-129		µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	91.6	103	70.5-128	5.0	µg/L			70.5-128			**	
QC Batch: 130523-4	**For samples prepared on: 05/23/2013 1730**					**Spiked sample: 13052028**						
Pentachlorophenol	ND(0.5)	95.3	72.0-127	4.0	µg/L	F	F	13.9-147		µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	91.6	103	70.5-128	5.0	µg/L			70.5-128			**	
QC Batch: 130523-4	**For samples prepared on: 05/23/2013 1158**					**Spiked sample: 13052029**						
Hardness (Calculated)	ND(5.0)	95.3	80.0-120	337	mg/L a	92.4	95.9	80.0-120	337	mg/L a	2.20	20.0
QC Batch: 130524-1	**For samples prepared on: 05/24/2013 1140**					**Spiked sample:**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	87.6	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	86.4	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	90.8	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	1.89 BK	78.2	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	5.22 BK	92.2	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	101	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	107	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.9	70.3	53.9-120	8.0	µg/L	MN	MN	53.9-120			**	
QC Batch: 130524-2	**For samples prepared on: 05/24/2013 1330**					**Spiked sample: 13052028**						
OXY GC/MS Acids						F	F			µg/L		
2-Chlorophenol	ND(5.0)	98.5 LH	73.0-97.8	50.0	µg/L			69.5-101			**	11.9
3-& 4-Chlorophenol	ND(5.0)	77.0	61.2-86.6	50.0	µg/L			59.9-90.4			**	11.8
2,4-Dichlorophenol	ND(5.0)	82.0	73.1-116	50.0	µg/L			72.2-118			**	18.7
2,5-Dichlorophenol	ND(5.0)	80.0	72.9-112	50.0	µg/L			82.6-107			**	16.2
2,6-Dichlorophenol	ND(5.0)	81.6	81.0-110	50.0	µg/L			78.8-114			**	10.7
2,4,5-Trichlorophenol	ND(5.0)	86.4	79.1-115	50.0	µg/L			77.6-118			**	11.7
2,4,6-Trichlorophenol	ND(5.0)	85.5	80.4-117	50.0	µg/L			78.1-121			**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	79.7 CE	65.5-129	100	µg/L			66.2-131			**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	79.7 CE	64.5-131	100	µg/L			63.8-134			**	13.1
Surrogates:												
PHENOL-d6	39.9	43.5 SH	21.7-41.8	150	µg/L			21.7-41.8			**	
2-FLUOROPHENOL	59.8	66.7	36.2-67.8	150	µg/L			36.2-67.8			**	
2,4,6-TRIBROMOPHENOL	64.9 CL	70.6 CL	62.3-129	150	µg/L			62.3-129			**	
QC Batch: 130528-3	**For samples prepared on: 05/28/2013 0800**					**Spiked sample: 13052029**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	105	83.9-128	0.50	µg/L	I	I	84.0-131		µg/L	**	13.0
B-BHC	ND(0.037)	98.6	83.5-129	0.50	µg/L	81.6 ML	115 MP	83.7-129	0.50	µg/L	18.2	13.2
G-BHC	ND(0.052)	104	83.6-128	0.50	µg/L	105	114	82.4-131	0.50	µg/L	7.20	13.2
Hexachloroethane	ND(0.02)	96.8	57.2-125	0.50	µg/L	91.6	101	40.1-127	0.50	µg/L	8.50	18.6
Hexachlorobutadiene	0.05 BK	105	51.9-126	0.50	µg/L	99.6	109	37.5-125	0.50	µg/L	7.80	21.3
Hexachlorobenzene	ND(0.10)	113	74.7-127	0.50	µg/L	111	118	72.6-127	0.50	µg/L	4.90	15.4
D-BHC	ND(0.05)	111	78.7-146	0.50	µg/L	113	120	78.0-148	0.50	µg/L	5.50	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.4	78.4	53.9-120	8.0	µg/L	75.4	81.5	53.9-120	8.0	µg/L		

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130528-4	**For samples prepared on: 05/28/2013 0945**					**Spiked sample: 13052029**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	88.4	73.0-97.8	50.0	µg/L	88.6	88.6	69.5-101	50.0	µg/L	1.00	11.9
3-& 4-Chlorophenol	ND(5.0)	76.7	61.2-86.6	50.0	µg/L	75.6	76.9	59.9-90.4	50.0	µg/L	2.80	11.8
2,4-Dichlorophenol	ND(5.0)	91.3	73.1-116	50.0	µg/L	107	91.6	72.2-118	50.0	µg/L	14.7	18.7
2,5-Dichlorophenol	ND(5.0)	87.8	72.9-112	50.0	µg/L	90.3	89.6	82.6-107	50.0	µg/L	0.20	16.2
2,6-Dichlorophenol	ND(5.0)	89.4	81.0-110	50.0	µg/L	92.2	89.6	78.8-114	50.0	µg/L	1.90	10.7
2,4,5-Trichlorophenol	ND(5.0)	102	79.1-115	50.0	µg/L	103	98.6	77.6-118	50.0	µg/L	2.90	11.7
2,4,6-Trichlorophenol	ND(5.0)	100.	80.4-117	50.0	µg/L	101	94.5	78.1-121	50.0	µg/L	5.40	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	109 CE	65.5-129	100	µg/L	116 CE	111 CE	66.2-131	100	µg/L	3.70	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	109 CE	64.5-131	100	µg/L	116 CE	111 CE	63.8-134	100	µg/L	3.70	13.1
Surrogates:												
PHENOL-d6	36.4	38.5	21.7-41.8	150	µg/L	34.9	36.0	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	56.4	57.5	36.2-67.8	150	µg/L	56.1	56.8	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	97.5	111	62.3-129	150	µg/L	111	113	62.3-129	150	µg/L		
QC Batch: 130528-5	**For samples prepared on: 05/28/2013 1130**					**Spiked sample: 13052029**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	105	77.6-131	4.0	µg/L	110	111	78.6-129	4.0	µg/L	0.50	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	92.4	105	70.5-128	5.0	µg/L	111	114	70.5-128	5.0	µg/L		
QC Batch: 130528-5	**For samples prepared on: 05/28/2013 1130**					**Spiked sample: 13052029**						
Pentachlorophenol	ND(0.5)	91.1	72.0-127	4.0	µg/L	56.0	56.4	13.9-147	4.0	µg/L	0.30	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	92.4	105	70.5-128	5.0	µg/L	111	114	70.5-128	5.0	µg/L		
QC Batch: 130605-1	**For samples prepared on: 06/05/2013 0830**					**Spiked sample:**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	93.4	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	87.8	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	93.8	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	ND(0.02)	87.8	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	ND(0.02)	100	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	96.0	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	101	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	72.2	70.1	53.9-120	8.0	µg/L	MN	MN	53.9-120			**	
QC Batch: 1IC2152	**For sample analyzed on: 06/01/2013**					**Spiked sample: 13052029**						
Chloride	ND(1.0)	95.9	90.0-110	4.0	mg/L	I	I	74.5-127		mg/L	**	5.3
QC Batch: 1IC2155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052199**						
Chloride	ND(1.0)	97.5	90.0-110	4.0	mg/L	MN	MN	74.5-127	40.0	mg/L	**	5.3
QC Batch: 1MS5143	**For sample analyzed on: 05/23/2013**					**Spiked sample: 13051620R**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	104	81.5-118	10.0	µg/L			78.1-121	2000	µg/L	**	10.7
1,2-Dichloroethane	ND(0.5)	107	69.8-120	10.0	µg/L			68.0-125	2000	µg/L	**	10.8
Benzene	ND(0.5)	104	82.7-115	10.0	µg/L			80.1-119	2000	µg/L	**	6.8
Carbon tetrachloride	ND(0.5)	110.	80.9-128	10.0	µg/L			72.6-132	2000	µg/L	**	10.6
Chloroform	ND(0.5)	95.2	76.9-118	10.0	µg/L			73.8-122	2000	µg/L	**	8.7
Chloromethane	ND(0.5)	110	70.6-125	10.0	µg/L			62.8-132	2000	µg/L	**	13.5
Methylene chloride	ND(0.5)	101	76.1-114	10.0	µg/L			74.3-118	2000	µg/L	**	10.5

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS5143	**For sample analyzed on: 05/23/2013**					**Spiked sample: 13051620R**						
Tetrachloroethylene	ND(0.5)	105	84.5-126	10.0	µg/L			81.2-125	2000	µg/L	**	10.1
Trichloroethylene	ND(0.5)	109	82.0-113	10.0	µg/L			79.3-117	2000	µg/L	**	8.7
Vinyl chloride	ND(0.5)	108	72.1-130	10.0	µg/L			66.9-134	2000	µg/L	**	14.4
1,2-Dichloropropane	ND(0.5)	101	78.6-113	10.0	µg/L			76.4-118	2000	µg/L	**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	100.	104	73.2-126	10.0	µg/L	MN	MN	73.2-126	2000	µg/L	**	
TOLUENE-d8	104	108	88.6-116	10.0	µg/L	MN	MN	88.6-116	2000	µg/L	**	
QC Batch: 1MS5144	**For sample analyzed on: 05/24/2013**					**Spiked sample: 13052029**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	105	81.5-118	10.0	µg/L	103	105	78.1-121	10.0	µg/L	2.00	10.7
1,2-Dichloroethane	ND(0.5)	105	69.8-120	10.0	µg/L	109	107	68.0-125	10.0	µg/L	1.90	10.8
Benzene	ND(0.5)	102	82.7-115	10.0	µg/L	104	104	80.1-119	10.0	µg/L	0.40	6.8
Carbon tetrachloride	ND(0.5)	104	80.9-128	10.0	µg/L	101	104	72.6-132	10.0	µg/L	2.90	10.6
Chloroform	ND(0.5)	95.6	76.9-118	10.0	µg/L	95.1	96.2	73.8-122	10.0	µg/L	1.20	8.7
Chloromethane	ND(0.5)	98.2	70.6-125	10.0	µg/L	99.3	97.8	62.8-132	10.0	µg/L	1.50	13.5
Methylene chloride	ND(0.5)	96.9	76.1-114	10.0	µg/L	98.8	100.	74.3-118	10.0	µg/L	1.40	10.5
Tetrachloroethylene	ND(0.5)	102	84.5-126	10.0	µg/L	98.5	97.7	81.2-125	10.0	µg/L	0.80	10.1
Trichloroethylene	ND(0.5)	106	82.0-113	10.0	µg/L	104	106	79.3-117	10.0	µg/L	1.50	8.7
Vinyl chloride	ND(0.5)	99.5	72.1-130	10.0	µg/L	102	101	66.9-134	10.0	µg/L	0.50	14.4
1,2-Dichloropropane	ND(0.5)	102	78.6-113	10.0	µg/L	102	102	76.4-118	10.0	µg/L	0.30	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	103	101	73.2-126	10.0	µg/L	109	104	73.2-126	10.0	µg/L		
TOLUENE-d8	101	109	88.6-116	10.0	µg/L	109	109	88.6-116	10.0	µg/L		
QC Batch: 1MS5148	**For sample analyzed on: 05/28/2013**					**Spiked sample:**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	105	81.5-118	10.0	µg/L			78.1-121			**	10.7
1,2-Dichloroethane	ND(0.5)	106	69.8-120	10.0	µg/L			68.0-125			**	10.8
Benzene	ND(0.5)	104	82.7-115	10.0	µg/L			80.1-119			**	6.8
Carbon tetrachloride	ND(0.5)	109	80.9-128	10.0	µg/L			72.6-132			**	10.6
Chloroform	ND(0.5)	96.3	76.9-118	10.0	µg/L			73.8-122			**	8.7
Chloromethane	ND(0.5)	139 LH	70.6-125	10.0	µg/L			62.8-132			**	13.5
Methylene chloride	ND(0.5)	91.7	76.1-114	10.0	µg/L			74.3-118			**	10.5
Tetrachloroethylene	ND(0.5)	104	84.5-126	10.0	µg/L			81.2-125			**	10.1
Trichloroethylene	ND(0.5)	103	82.0-113	10.0	µg/L			79.3-117			**	8.7
Vinyl chloride	ND(0.5)	102	72.1-130	10.0	µg/L			66.9-134			**	14.4
1,2-Dichloropropane	ND(0.5)	96.5	78.6-113	10.0	µg/L			76.4-118			**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	97.6	102	73.2-126	10.0	µg/L	MN	MN	73.2-126			**	
TOLUENE-d8	104	109	88.6-116	10.0	µg/L	MN	MN	88.6-116			**	

Data Qualifiers:

F - MS and/or MSD sample data are not available due to insufficient sample volume.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

BK - This analyte did not meet method blank criteria. The associated sample results may be estimated.

LH - The Laboratory Control Sample (LCS) recovery for this analyte was above the method or laboratory quality control limit. The reported sample concentration may be biased high.

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be biased high.

CL - The continuing calibration verification (CCV) standard recovery for this analyte was below the method or SOP limit. The reported concentration for this analyte may be biased low.

I - Due to the concentration of analyte in the sample, the spike level is too low to allow accurate quantification of the spike recovery.

ML - The matrix spike and/or matrix spike duplicate recovery for this analyte was below the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052023		**Sample Description:WG-05202013-JR-MW29S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	93.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	93.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	199 SI EC	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	38.6	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	60.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	71.6 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	50	µg/L	111	73.2-126
TOLUENE-d8		05/23/2013	50	µg/L	105	88.6-116
Lab Number: 13052023R		**Sample Description:WG-05202013-JR-MW29S3**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/06/2013	8.0	µg/L	OC SI	53.9-120
Lab Number: 13052024		**Sample Description:WG-05202013-JR-MW29S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	90.3	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	90.3	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	75.9	53.9-120
Acid						
PHENOL-d6	05/24/2013	06/06/2013	150	µg/L	31.3	21.7-41.8
2-FLUOROPHENOL	05/24/2013	06/06/2013	150	µg/L	48.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	06/06/2013	150	µg/L	82.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10	µg/L	104	73.2-126
TOLUENE-d8		05/23/2013	10	µg/L	102	88.6-116
Lab Number: 13052024R		**Sample Description:WG-05202013-JR-MW29S1**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/06/2013	8.0	µg/L	88.3	53.9-120
Lab Number: 13052025		**Sample Description:WG-05202013-JR-MW29S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	105	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	97.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	77.0	53.9-120
Acid						
PHENOL-d6	05/24/2013	06/06/2013	150	µg/L	35.4	21.7-41.8
2-FLUOROPHENOL	05/24/2013	06/06/2013	150	µg/L	55.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	06/06/2013	150	µg/L	104	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	50	µg/L	112	73.2-126
TOLUENE-d8		05/23/2013	50	µg/L	102	88.6-116
Lab Number: 13052025R		**Sample Description:WG-05202013-JR-MW29S2**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052025R		**Sample Description:WG-05202013-JR-MW29S2**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/06/2013	8.0	µg/L	78.2	53.9-120
Lab Number: 13052026		**Sample Description:WG-05202013-DH-MW12S1A**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	129 SI	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	114	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	602 SI EC	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	05/31/2013	150	µg/L	41.3	21.7-41.8
2-FLUOROPHENOL	05/24/2013	05/31/2013	150	µg/L	64.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	05/31/2013	150	µg/L	73.4 CL	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	2500	µg/L	116	73.2-126
TOLUENE-d8		05/23/2013	2500	µg/L	98.7	88.6-116
Lab Number: 13052026R		**Sample Description:WG-05202013-DH-MW12S1A**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/06/2013	8.0	µg/L	652 SI	53.9-120
Acid						
PHENOL-d6	05/24/2013	06/06/2013	150	µg/L	33.2	21.7-41.8
2-FLUOROPHENOL	05/24/2013	06/06/2013	150	µg/L	54.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	06/06/2013	150	µg/L	88.5	62.3-129
Lab Number: 13052027		**Sample Description:WG-05202013-DH-MW16S25S**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	86.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	86.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	73.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	06/06/2013	150	µg/L	32.6	21.7-41.8
2-FLUOROPHENOL	05/24/2013	06/06/2013	150	µg/L	49.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	06/06/2013	150	µg/L	75.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	1000	µg/L	108	73.2-126
TOLUENE-d8		05/24/2013	1000	µg/L	106	88.6-116
Lab Number: 13052027R		**Sample Description:WG-05202013-DH-MW16S25S**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/05/2013	06/06/2013	8.0	µg/L	74.4	53.9-120
Lab Number: 13052028		**Sample Description:WG-05202013-DH-MW16BR**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	87.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/23/2013	06/06/2013	5.0	µg/L	87.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/24/2013	06/04/2013	8.0	µg/L	71.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/24/2013	06/06/2013	150	µg/L	30.5	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052028		**Sample Description:WG-05202013-DH-MW16BR**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/24/2013	06/06/2013	150	µg/L	47.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/24/2013	06/06/2013	150	µg/L	90.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	104	88.6-116
Lab Number: 13052029		**Sample Description:WG-05212013-JR-MW03S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/06/2013	5.0	µg/L	101	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/06/2013	5.0	µg/L	101	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/04/2013	8.0	µg/L	73.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	32.8	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	52.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	102	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	102	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	102	88.6-116
Lab Number: 13052030		**Sample Description:WG-05212013-JR-MW13S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/06/2013	5.0	µg/L	93.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/06/2013	5.0	µg/L	93.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/04/2013	8.0	µg/L	74.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	32.4	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	51.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	95.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	108	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	105	88.6-116
Lab Number: 13052031		**Sample Description:WG-05212013-JR-MW13S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/06/2013	5.0	µg/L	102	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/06/2013	5.0	µg/L	102	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/04/2013	8.0	µg/L	73.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	34.7	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	52.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	96.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	102	88.6-116
Lab Number: 13052032		**Sample Description:WG-05212013-JR-MW15S1**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052032		**Sample Description:WG-05212013-JR-MW15S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	102	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	102	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/04/2013	8.0	µg/L	74.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	27.0	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	43.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	97.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	106	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	105	88.6-116
Lab Number: 13052033		**Sample Description:WG-05212013-JR-MW15S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	89.9	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	89.9	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	80.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	31.3	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	49.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	96.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	500	µg/L	109	73.2-126
TOLUENE-d8		05/24/2013	500	µg/L	102	88.6-116
Lab Number: 13052034		**Sample Description:WG-05212013-JR-MW14S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	110.	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	110.	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	87.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	33.5	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	52.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	103	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	2000	µg/L	108	73.2-126
TOLUENE-d8		05/24/2013	2000	µg/L	101	88.6-116
Lab Number: 13052035		**Sample Description:WG-05212013-JR-MW14S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	96.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	96.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	71.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	31.3	21.7-41.8

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052035		**Sample Description:WG-05212013-JR-MW14S1**				
OXY GC/MS Acids						
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	50.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	92.0	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	102	88.6-116
Lab Number: 13052036		**Sample Description:WG-05212013-DH-MW16S1A**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	92.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	92.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	82.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	32.9	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	50.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	102	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/25/2013	10	µg/L	105	73.2-126
TOLUENE-d8		05/25/2013	10	µg/L	103	88.6-116
Lab Number: 13052037		**Sample Description:WG-05212013-DH-MW22S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	95.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	95.6	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	81.9	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	34.5	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	53.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	104	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	1000	µg/L	111	73.2-126
TOLUENE-d8		05/24/2013	1000	µg/L	101	88.6-116
Lab Number: 13052038		**Sample Description:WG-05212013-DH-MW22S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	78.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	78.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	74.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	30.3	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	47.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	97.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	101	88.6-116
Lab Number: 13052039		**Sample Description:WG-05212013-DH-MW140S1**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052039		**Sample Description:WG-05212013-DH-MW140S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	90.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	90.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	78.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	33.8	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	52.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	98.8	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10	µg/L	107	73.2-126
TOLUENE-d8		05/24/2013	10	µg/L	101	88.6-116
Lab Number: 13052040		**Sample Description:WG-05212013-DH-MW140S2/S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	97.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	97.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	89.6	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/06/2013	150	µg/L	33.7	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/06/2013	150	µg/L	57.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/06/2013	150	µg/L	96.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/25/2013	100	µg/L	102	73.2-126
TOLUENE-d8		05/25/2013	100	µg/L	100.	88.6-116
Lab Number: 13052040R		**Sample Description:WG-05212013-DH-MW140S2/S3**				
Volatile Analysis						
1,2-DICHLOROETHANE-d4		05/28/2013	500	µg/L	105	73.2-126
TOLUENE-d8		05/28/2013	500	µg/L	104	88.6-116
Lab Number: 13052041		**Sample Description:WG-05222013-DH-MW114S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	91.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	91.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	80.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	32.0	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	50.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	97.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/25/2013	10	µg/L	115	73.2-126
TOLUENE-d8		05/25/2013	10	µg/L	99.7	88.6-116
Lab Number: 13052042		**Sample Description:WG-05222013-DH-MW113S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	C	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	C	70.5-128

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052042		**Sample Description:WG-05222013-DH-MW113S3**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	0.0 SI	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	0.0 SI	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	62.6	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/24/2013	10000	µg/L	114	73.2-126
TOLUENE-d8		05/24/2013	10000	µg/L	105	88.6-116
Lab Number: 13052043		**Sample Description:TRIP BLANK-05222013**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		05/23/2013	10	µg/L	110.	73.2-126
TOLUENE-d8		05/23/2013	10	µg/L	101	88.6-116

Data Qualifiers:
SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

EC - This result is estimated due to insufficient chromatographic resolution from other compounds.

CL - The continuing calibration verification (CCV) standard recovery for this analyte was below the method or SOP limit. The reported concentration for this analyte may be biased low.

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	06/05/2013	2NX5156	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/06/2013	3NX5156	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/06/2013	1NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/06/2013	2NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/06/2013	3NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/07/2013	4NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/07/2013	5NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/05/2013	2NX5156	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/06/2013	3NX5156	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/06/2013	1NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/06/2013	2NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/06/2013	3NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	4NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	5NX5157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/03/2013	2EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/04/2013	3EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/04/2013	4EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/04/2013	5EX3154	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/04/2013	1EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/05/2013	2EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/05/2013	3EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	5EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	6EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	7EX3155	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/01/2013	1IC2152	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/01/2013	2IC2152	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/01/2013	3IC2152	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/01/2013	4IC2152	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/04/2013	1IC2155	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/04/2013	2IC2155	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/30/2013	3IP4150	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/04/2013	3IP4155	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/05/2013	3IP4156	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/30/2013	4IP4150	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/04/2013	4IP4155	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/05/2013	4IP4156	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/30/2013	5IP4150	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/30/2013	6IP4150	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	05/31/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	05/31/2013	1MS6151	100	93.1	µg/ml	93.1 CE
2,3,4,6-Tetrachlorophenol	05/31/2013	1MS6151	100	93.1	µg/ml	93.1 CE
2,4,6-TRIBROMOPHENOL	05/31/2013	1MS6151	50.0	38.4	µg/ml	76.7 CL

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052023	1MS6151	WG-05202013-JR-MW29S3

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Laboratory Number	Instrument Batch	Sample Description
13052026	1MS6151	WG-05202013-DH-MW12S1A

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	06/06/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/06/2013	1MS6157	100	122	µg/ml	122 CE CH
2,3,4,6-Tetrachlorophenol	06/06/2013	1MS6157	100	122	µg/ml	122 CE CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052027	1MS6157	WG-05202013-DH-MW16S25S
13052028	1MS6157	WG-05202013-DH-MW16BR
13052029	1MS6157	WG-05212013-JR-MW03S1
13052030	1MS6157	WG-05212013-JR-MW13S3
13052031	1MS6157	WG-05212013-JR-MW13S1
13052032	1MS6157	WG-05212013-JR-MW15S1
13052033	1MS6157	WG-05212013-JR-MW15S2
13052034	1MS6157	WG-05212013-JR-MW14S3
13052035	1MS6157	WG-05212013-JR-MW14S1
13052036	1MS6157	WG-05212013-DH-MW16S1A
13052037	1MS6157	WG-05212013-DH-MW22S2
13052024	1MS6157	WG-05202013-JR-MW29S1
13052025	1MS6157	WG-05202013-JR-MW29S2
13052026R	1MS6157	WG-05202013-DH-MW12S1A

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	06/06/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/06/2013	2MS6157	100	116	µg/ml	116 CE
2,3,4,6-Tetrachlorophenol	06/06/2013	2MS6157	100	116	µg/ml	116 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052027	1MS6157	WG-05202013-DH-MW16S25S
13052028	1MS6157	WG-05202013-DH-MW16BR
13052029	1MS6157	WG-05212013-JR-MW03S1
13052030	1MS6157	WG-05212013-JR-MW13S3
13052031	1MS6157	WG-05212013-JR-MW13S1
13052032	1MS6157	WG-05212013-JR-MW15S1
13052033	1MS6157	WG-05212013-JR-MW15S2
13052034	1MS6157	WG-05212013-JR-MW14S3
13052035	1MS6157	WG-05212013-JR-MW14S1
13052036	1MS6157	WG-05212013-DH-MW16S1A
13052037	1MS6157	WG-05212013-DH-MW22S2
13052024	1MS6157	WG-05202013-JR-MW29S1
13052025	1MS6157	WG-05202013-JR-MW29S2

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/11/2013
Date Received: 05/22/2013
Continental File No: 7775
Continental Order No: 111193

Laboratory Number	Instrument Batch	Sample Description
13052026R	1MS6157	WG-05202013-DH-MW12S1A
13052038	2MS6157	WG-05212013-DH-MW22S1
13052039	2MS6157	WG-05212013-DH-MW140S1
13052040	2MS6157	WG-05212013-DH-MW140S2/S3
13052041	2MS6157	WG-05222013-DH-MW114S1
13052042	2MS6157	WG-05222013-DH-MW113S3

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	05/23/2013	1MS5143	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	05/24/2013	1MS5144	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	05/28/2013		CCV recovery acceptable except as qualified below.			
Chloromethane	05/28/2013	1MS5148	10.0	13.9	µg/L	139 CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052040R	1MS5148	WG-05212013-DH-MW140S2/S3

Data Qualifiers:

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CL - The continuing calibration verification (CCV) standard recovery for this analyte was below the method or SOP limit. The reported concentration for this analyte may be biased low.

- Laboratory Report Conclusion -

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO. 111193 COC NO.: 37910

Address: 8615 W Bryn Mawr, Chicago, IL

Phone: 773-380-9953 Fax: 773-380-6429

SOW 257-402-002-3100 Report/Due Date 06/12/13

PAGE 1 OF 2

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: Continental Analytical	Lab Location: Salina, KS	SSOW ID:
Project Name: Oxy Chem	Lab Contact: Cliff Barbier	Lab Quote No:	Cooler No:
Project Location: Wichita, KS			Carrier:
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Ruyle, Derek Hiser			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yyyy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCore 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Pesticides/Herbicides	Chloride/Hardness						MS/MSD Request	Comments/ Special Instructions:
1	WG-05202013-JR-MW2953	5/20/13	1450	GW	G	5	3							8	X	X	X	X								Edits made prior to sample receipt
2	WG-05202013-JR-MW2951		1535			5	3							8	X	X	X	X								
3	WG-05202013-JR-MW2952		1620			5	3							8	X	X	X	X								
4	WG-05202013-DH-MW1251A		1416			5	3							8	X	X	X	X								
5	WG-05202013-DH-MW1652SS		1515			5	3							8	X	X	X	X								
6	WG-05202013-DH-MW16BR		1623			5	3							8	X	X	X	X								
7	WG-05212013-JR-MW0351	5/21/13	0910			15	9						24	[illegible]	X	X	X	X								MS/MSD
8	WG-05212013-JR-MW1353		1100			5	3							8	X	X	X	X								
9	WG-05212013-JR-MW1351		1145			5	3							8	X	X	X	X								
10	WG-05212013-JR-MW1551		1430			5	3							8	X	X	X	X								
11	WG-05212013-JR-MW1552		1530			5	3							8	X	X	X	X								
12	WG-05212013-JR-MW1453		1620			5	3							8	X	X	X	X								
13	WG-05212013-JR-MW1451		1655			5	3							8	X	X	X	X								
14	WG-05212013-DH-MW1651A		0940			5	3							8	X	X	X	X								
15	WG-05212013-DH-MW2252		1055			5	3							8	X	X	X	X								

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:

All Samples in a Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	[signature]	CRA	5-22-13	1400	[signature]	CAS	52213	1400
2.	[signature]	CAS	52213	1640	[signature]	CAS	5.22.13	1640
3.								

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT — ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-108 (20110804)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO. 1111937911

Address: 8615 W. BRYN MAWR AVE. CHICAGO, IL
Phone: 773-380-9933 Fax: 773-380-6429
SSOW 257-402-A02-3100

(See Reverse Side for Instructions)

Report/Due Date - 06/12/13

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: CONTINENTAL ANALYTICAL	Lab Location: SALINA, KS	SSOW ID:
Project Name: OXY CHEM	Lab Contact: CLIFF BAKER	Lab Quote No:	Cooler No:
Project Location: WICHITA, KS			Carrier:
Chemistry Contact: PAUL McMAHON			Airbill No:
Sampler(s): JEREMY RAYE DERRICK HISER			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Herbicide/Pesticide	Chloride Hardness							MS/MSD Request	Comments/ Special Instructions:
1	WG-05212013-DH-MW22S1	5/21/13	1145	GW	G	5	3							8	X	X	X	X								
2	WG-05212013-DH-MW140S1	|	1428	|	|	5	3							8	X	X	X	X								
3	WG-05212013-DH-MW140S2/S3	|	1523	|	|	5	3							8	X	X	X	X								
4	WG-05222013-DH-MW114S1	5/22/13	0920	GW	G	5	3							8	X	X	X	X								
5	WG-05222013-DH-MW113S3	5/22/13	1030	GW	G	5	3							8	X	X	X	X								
6	TRIP BLANK-05222013	5/22/13	—	—	—		3							3	X											
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [signature]	CRA	5-22-13	1400	1. [signature]	CAS	5-22-13	1400
2. [signature]	CAS	5-22-13	1640	2. [signature]	CAS	5-22-13	1640
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW1551 MW1552 YLA 250P
MW1405 1 2LA
MW1405 2/53 LA

Cooler 1 of 9 for this CAS Order No.

Cooler Identification: CAS Cooler #: 1160 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 22 / 13 16 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 1.2 Corrected Reading (°C) 1.7

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

PG 5-22-13

Sample Receipt Discrepancies: ☒ No ☐ Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MWY Date Completed: 5-23-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental **CAS File No.:** 7775

Sample ID's in cooler:

[illegible], [illegible] 4LA 250P

MW 0351 2LA

Cooler 2 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 23-20 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 22 / 13 16 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.0 Corrected Reading (°C) 0.5

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: [redacted]

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: [illegible] **Date Completed:** 5-23-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental **CAS File No.:** 7775

Sample ID's in cooler:

MW 2251, MW 1651A, MW 2252 4LA 250P

Cooler 3 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3920 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 22 / 13 16 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.2
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

RG 5-22-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MVR **Date Completed:** 5-22-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW 2 W1 MW2 W3 4LA 2OP
MW 1 W1 A 2LA
MW 1 OBR LA

Cooler 4 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3891 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 22 / 13 16 : 40

Delivered By: UPS / FedX / AB Express / (Field Svcs) / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.0 Corrected Reading (°C) 0.5

5.22.13

Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-23-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW 16 255 4LA 250P
MW 16 BR 36A 250P
MW 125 1A 2LA 250P

Cooler 5 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3894 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 22 / 13 16 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.2
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5
☐ Evidence of Cooling and date received = date sampled

5-22-13

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MLD **Date Completed:** 5-23-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental

CAS File No.: 7775

Sample ID's in cooler:

MW1451 MW1453 4LA 250P
MW1451 2LA 250P
MW1452/3 LA 250P

Cooler 6 of 9 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3892 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/22/13 16:40

Delivered By: UPS / FedX / AB Express / (Field Svcs) / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.4 Corrected Reading (°C) 0.9
Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic / Metal / Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

RC 5-22-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWr Date Completed: 5-23-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental **CAS File No.:** 7775

Sample ID's in cooler:

VOC's MW 2952 YLA 250P

Cooler 7 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3034 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 22 / 13 16 : 40

Delivered By: UPS / FedX / AB Express / (Field Svcs) / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.0 Corrected Reading (°C) 0.5
Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

RLG 5-22-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: mw **Date Completed:** 5-23-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental **CAS File No.:** 7775

Sample ID's in cooler: MW 11353 MW 11451 YCA 2505
MW 14052/53 2LA

Cooler 8 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3908 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 22 / 13 16 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.9
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic / Metal / Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

PG 5-22-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree

☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-22-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111193

Client Name: Occidental **CAS File No.:** 7775

Sample ID's in cooler:

MW 0351 10LA 3-250P

Cooler 9 **of** 9 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3114 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/22/13 16:40

Delivered By: UPS / FedX / AB Express / (Field Svcs) / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____
Seal Name: _____ Seal Date: _____
Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.0 Corrected Reading (°C) 0.5
Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

RG 5-22-13

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MW **Date Completed:** 5-22-13

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/23/2013 1900
Continental File No.: 7775
Continental Order No.: 111232
Project ID: 054046/042407
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 47 pages for the analytical report, 1 page(s) for the chain of custody and/or analysis request, and 6 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13052197	WG-052213-JR-MW24S1	Liquid	5/22/2013
13052197R	WG-052213-JR-MW24S1	Liquid	5/22/2013
13052198	WG-052213-DH-MW19S1	Liquid	5/22/2013
13052198R	WG-052213-DH-MW19S1	Liquid	5/22/2013
13052199	WG-052213-JR-MW24S3	Liquid	5/22/2013
13052200	WG-052213-DH-MW18S3	Liquid	5/22/2013
13052201	WG-052313-DH-MW19S2	Liquid	5/23/2013
13052201R	WG-052313-DH-MW19S2	Liquid	5/23/2013
13052202	WG-052313-JR-MW23BR	Liquid	5/23/2013
13052202R	WG-052313-JR-MW23BR	Liquid	5/23/2013
13052203	WG-052313-DH-MW27S1	Liquid	5/23/2013
13052204	WG-052313-DH-MW27S2	Liquid	5/23/2013
13052205	WG-052313-JR-MW02S2	Liquid	5/23/2013
13052205R	WG-052313-JR-MW02S2	Liquid	5/23/2013
13052206	WG-052313-DH-MW16S4	Liquid	5/23/2013
13052207	WG-052313-JR-MW02S1	Liquid	5/23/2013
13052208	WG-052313-JR-FD6	Liquid	5/23/2013
13052209	TB-05232013	Liquid	5/23/2013

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the

Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830

KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052197
Sample Description: WG-052213-JR-MW24S1

Date Sampled: 05/22/2013
Time Sampled: 1450

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	0.040	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	0.41	µg/L	7360/29
Hexachlorobutadiene	0.15 B	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/41
1,2-Dichloroethane	14.4	µg/L	7350/41
Benzene	2.5	µg/L	7350/41
Carbon tetrachloride	OC	µg/L	7350/41
Chloroform	OC	µg/L	7350/41
Chloromethane	ND(0.5)	µg/L	7350/41
Methylene chloride	4.8	µg/L	7350/41
Tetrachloroethylene	33.3	µg/L	7350/41
Trichloroethylene	3.4	µg/L	7350/41
Vinyl chloride	ND(0.5)	µg/L	7350/41
1,2-Dichloropropane	ND(0.5)	µg/L	7350/41
Hardness (Calculated)	304	mg/L as CaCO3	7157/594
Chloride	45.6	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 0932	130528-5	5NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 0932	130528-5	5NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 0747	130528-3	2EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0209	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 1652	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2009	130529-4	12IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 1835	1IC2155	2IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052197

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052197R
Sample Description: WG-052213-JR-MW24S1

Date Sampled: 05/22/2013
Time Sampled: 1450

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	0.036	µg/L	7360/31
B-BHC	ND(0.037)	µg/L	7360/31
G-BHC	ND(0.052)	µg/L	7360/31
Hexachloroethane	0.36	µg/L	7360/31
Hexachlorobutadiene	0.14	µg/L	7360/31
Hexachlorobenzene	ND(0.10)	µg/L	7360/31
D-BHC	ND(0.05)	µg/L	7360/31
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(5)	µg/L	7349/111
1,2-Dichloroethane	13	µg/L	7349/111
Benzene	ND(5)	µg/L	7349/111
Carbon tetrachloride	91	µg/L	7349/111
Chloroform	177	µg/L	7349/111
Chloromethane	ND(5)	µg/L	7349/111
Methylene chloride	6	µg/L	7349/111
Tetrachloroethylene	24	µg/L	7349/111
Trichloroethylene	ND(5)	µg/L	7349/111
Vinyl chloride	ND(5)	µg/L	7349/111
1,2-Dichloropropane	ND(5)	µg/L	7349/111

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/07/13 0830	06/12/13 1921	130607-1	2EX3163	JMM	8121
OXY Volatiles by 8260	N/A	06/04/13 1827	1MS8155	1MS8155	GMA	8260B
Volatile Analysis Preparation Method						5030B
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052197R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052198
Sample Description: WG-052213-DH-MW19S1

Date Sampled: 05/22/2013
Time Sampled: 1505

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	6.4	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.11)	µg/L	7360/29
B-BHC	ND(0.37)	µg/L	7360/29
G-BHC	ND(0.52)	µg/L	7360/29
Hexachloroethane	45.5	µg/L	7360/29
Hexachlorobutadiene	39.6	µg/L	7360/29
Hexachlorobenzene	ND(1.0)	µg/L	7360/29
D-BHC	ND(0.5)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	6.8	µg/L	7350/41
1,2-Dichloroethane	0.9	µg/L	7350/41
Benzene	ND(0.5)	µg/L	7350/41
Carbon tetrachloride	OC	µg/L	7350/41
Chloroform	48.6	µg/L	7350/41
Chloromethane	ND(0.5)	µg/L	7350/41
Methylene chloride	ND(0.5)	µg/L	7350/41
Tetrachloroethylene	OC	µg/L	7350/41
Trichloroethylene	8.8	µg/L	7350/41
Vinyl chloride	ND(0.5)	µg/L	7350/41
1,2-Dichloropropane	ND(0.5)	µg/L	7350/41
Hardness (Calculated)	728	mg/L as CaCO3	7157/594
Chloride	1010	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 1011	130528-5	5NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 1011	130528-5	5NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 1406	130528-3	3EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0254	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 1717	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2013	130529-4	12IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 1848	1IC2155	2IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052198

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052198R
Sample Description: WG-052213-DH-MW19S1

Date Sampled: 05/22/2013
Time Sampled: 1505

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	6	µg/L	7349/111
1,2-Dichloroethane	ND(5)	µg/L	7349/111
Benzene	ND(5)	µg/L	7349/111
Carbon tetrachloride	176	µg/L	7349/111
Chloroform	48	µg/L	7349/111
Chloromethane	ND(5)	µg/L	7349/111
Methylene chloride	ND(5)	µg/L	7349/111
Tetrachloroethylene	434	µg/L	7349/111
Trichloroethylene	7	µg/L	7349/111
Vinyl chloride	ND(5)	µg/L	7349/111
1,2-Dichloropropane	ND(5)	µg/L	7349/111

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	06/04/13 1903	1MS8155	1MS8155	GMA	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13052198R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052199
Sample Description: WG-052213-JR-MW24S3

Date Sampled: 05/22/2013
Time Sampled: 1545

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/33
Pentachlorophenol	ND(0.5) QC	µg/L	7370/33
OXY Chlorinated Hyd.			
A-BHC	ND(0.011) QC	µg/L	7360/30
B-BHC	ND(0.037) QC	µg/L	7360/30
G-BHC	ND(0.052) QC	µg/L	7360/30
Hexachloroethane	ND(0.02) QC	µg/L	7360/30
Hexachlorobutadiene	ND(0.02) QC	µg/L	7360/30
Hexachlorobenzene	ND(0.10) QC	µg/L	7360/30
D-BHC	ND(0.05) QC	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/111
1,2-Dichloroethane	ND(0.5)	µg/L	7349/111
Benzene	ND(0.5)	µg/L	7349/111
Carbon tetrachloride	10.3	µg/L	7349/111
Chloroform	16.2	µg/L	7349/111
Chloromethane	ND(0.5)	µg/L	7349/111
Methylene chloride	ND(0.5)	µg/L	7349/111
Tetrachloroethylene	2.5	µg/L	7349/111
Trichloroethylene	ND(0.5)	µg/L	7349/111
Vinyl chloride	ND(0.5)	µg/L	7349/111
1,2-Dichloropropane	ND(0.5)	µg/L	7349/111
Hardness (Calculated)	284	mg/L as CaCO3	7157/594
Chloride	101	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/29/13 1630	06/05/13 0200	130529-4	2NX5155	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/29/13 1630	06/05/13 0200	130529-4	2NX5155	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/07/13 1729	130529-1	4EX3157	JMM	8121
OXY GC/MS Acids	05/29/13 0945	06/07/13 1054	130529-2	1MS6158	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1939	1MS8155	1MS8155	GMA	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2018	130529-4	12IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 1901	1IC2155	2IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052199

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052200
Sample Description: WG-052213-DH-MW18S3

Date Sampled: 05/22/2013
Time Sampled: 1620

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	10.	µg/L	7370/34
Pentachlorophenol	280 QC	µg/L	7370/35
OXY Chlorinated Hyd.	QC		
A-BHC	6.7	µg/L	7360/29
B-BHC	ND(15)	µg/L	7360/29
G-BHC	ND(21)	µg/L	7360/29
Hexachloroethane	1410	µg/L	7360/29
Hexachlorobutadiene	210	µg/L	7360/29
Hexachlorobenzene	ND(40)	µg/L	7360/29
D-BHC	ND(20)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	10.7	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	35.7 CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	35.7 CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(2000)	µg/L	7350/41
1,2-Dichloroethane	ND(2000)	µg/L	7350/41
Benzene	ND(2000)	µg/L	7350/41
Carbon tetrachloride	96700	µg/L	7350/41
Chloroform	35000	µg/L	7350/41
Chloromethane	ND(2000)	µg/L	7350/41
Methylene chloride	ND(2000)	µg/L	7350/41
Tetrachloroethylene	35000	µg/L	7350/41
Trichloroethylene	ND(2000)	µg/L	7350/41
Vinyl chloride	ND(2000)	µg/L	7350/41
1,2-Dichloropropane	ND(2000)	µg/L	7350/41
Hardness (Calculated)	388	mg/L as CaCO3	7157/594
Chloride	440	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/07/13 1130	130528-5	5NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/11/13 1003	130528-5	3NX5161	JMM	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 1448	130528-3	3EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0340	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 1859	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2034	130529-4	12IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 1939	1IC2155	2IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052200

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052201
Sample Description: WG-052313-DH-MW19S2

Date Sampled: 05/23/2013
Time Sampled: 0845

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	1700 QC	µg/L	7370/35
Pentachlorophenol	6.9 E FC	µg/L	7370/34
OXY Chlorinated Hyd.	QC		
A-BHC	ND(2.2)	µg/L	7360/31
B-BHC	20.	µg/L	7360/31
G-BHC	ND(10)	µg/L	7360/31
Hexachloroethane	328	µg/L	7360/31
Hexachlorobutadiene	479	µg/L	7360/31
Hexachlorobenzene	ND(20)	µg/L	7360/31
D-BHC	ND(10)	µg/L	7360/31
OXY GC/MS Acids	SR		
2-Chlorophenol	12.8	µg/L	7326/181
3-& 4-Chlorophenol	5.7	µg/L	7326/181
2,4-Dichlorophenol	122	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	39.0	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	OC	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(300)	µg/L	7350/41
1,2-Dichloroethane	ND(300)	µg/L	7350/41
Benzene	ND(300)	µg/L	7350/41
Carbon tetrachloride	2500	µg/L	7350/41
Chloroform	970	µg/L	7350/41
Chloromethane	ND(300)	µg/L	7350/41
Methylene chloride	ND(300)	µg/L	7350/41
Tetrachloroethylene	4500	µg/L	7350/41
Trichloroethylene	400	µg/L	7350/41
Vinyl chloride	ND(300)	µg/L	7350/41
1,2-Dichloropropane	ND(300)	µg/L	7350/41
Hardness (Calculated)	2870	mg/L as CaCO3	7157/594
Chloride	5340	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/10/13 2317	130528-5	1NX5161	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 1248	130528-5	5NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/12/13 2251	130529-1	2EX3163	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0424	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 1925	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2038	130529-4	12IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 1952	1IC2155	2IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052201

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052201R
Sample Description: WG-052313-DH-MW19S2

Date Sampled: 05/23/2013
Time Sampled: 0845

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY GC/MS Acids	SR		
2-Chlorophenol	12	µg/L	7326/182
3-& 4-Chlorophenol	ND(10)	µg/L	7326/182
2,4-Dichlorophenol	125	µg/L	7326/182
2,5-Dichlorophenol	ND(10)	µg/L	7326/182
2,6-Dichlorophenol	40.4	µg/L	7326/182
2,4,5-Trichlorophenol	ND(10)	µg/L	7326/182
2,4,6-Trichlorophenol	250.	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(10) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(10) CE	µg/L	7326/182

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY GC/MS Acids	05/28/13 0945	06/07/13 1834	130528-4	1MS6158	BLP	8270C
Acid Preparation Method						625/3510C

Conclusion of Lab Number: 13052201R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052202
Sample Description: WG-052313-JR-MW23BR

Date Sampled: 05/23/2013
Time Sampled: 0910

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/35
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/29
B-BHC	ND(0.037)	µg/L	7360/29
G-BHC	ND(0.052)	µg/L	7360/29
Hexachloroethane	0.03	µg/L	7360/29
Hexachlorobutadiene	0.04 B	µg/L	7360/29
Hexachlorobenzene	ND(0.10)	µg/L	7360/29
D-BHC	ND(0.05)	µg/L	7360/29
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/41
1,2-Dichloroethane	ND(0.5)	µg/L	7350/41
Benzene	ND(0.5)	µg/L	7350/41
Carbon tetrachloride	ND(0.5)	µg/L	7350/41
Chloroform	ND(0.5)	µg/L	7350/41
Chloromethane	ND(0.5)	µg/L	7350/41
Methylene chloride	ND(0.5)	µg/L	7350/41
Tetrachloroethylene	ND(0.5)	µg/L	7350/41
Trichloroethylene	ND(0.5)	µg/L	7350/41
Vinyl chloride	ND(0.5)	µg/L	7350/41
1,2-Dichloropropane	ND(0.5)	µg/L	7350/41
Hardness (Calculated)	1840	mg/L as CaCO3	7157/594
Chloride	88	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/10/13 2119	130528-5	1NX5161	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/07/13 1328	130528-5	5NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/05/13 1036	130528-3	3EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0510	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 1950	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2043	130529-4	12IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 2004	1IC2155	2IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052202

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052202R
Sample Description: WG-052313-JR-MW23BR

Date Sampled: 05/23/2013
Time Sampled: 0910

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	ND(0.011)	µg/L	7360/31
B-BHC	ND(0.037)	µg/L	7360/31
G-BHC	ND(0.052)	µg/L	7360/31
Hexachloroethane	ND(0.02)	µg/L	7360/31
Hexachlorobutadiene	ND(0.02)	µg/L	7360/31
Hexachlorobenzene	ND(0.10)	µg/L	7360/31
D-BHC	ND(0.05)	µg/L	7360/31

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/07/13 0830	06/12/13 2003	130607-1	2EX3163	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052202R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052203
Sample Description: WG-052313-DH-MW27S1

Date Sampled: 05/23/2013
Time Sampled: 0940

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0) SR	µg/L	7370/35
Pentachlorophenol	2.9 SR	µg/L	7370/35
OXY Chlorinated Hyd.	QC		
A-BHC	ND(5.5)	µg/L	7360/29
B-BHC	ND(19)	µg/L	7360/29
G-BHC	ND(26)	µg/L	7360/29
Hexachloroethane	310	µg/L	7360/29
Hexachlorobutadiene	1800	µg/L	7360/29
Hexachlorobenzene	ND(50)	µg/L	7360/29
D-BHC	ND(30)	µg/L	7360/29
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/181
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/181
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/181
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/181
2,4,6-Trichlorophenol	6.1	µg/L	7326/181
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/181
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(2)	µg/L	7350/41
1,2-Dichloroethane	ND(2)	µg/L	7350/41
Benzene	ND(2)	µg/L	7350/41
Carbon tetrachloride	14	µg/L	7350/41
Chloroform	32	µg/L	7350/41
Chloromethane	ND(2)	µg/L	7350/41
Methylene chloride	2	µg/L	7350/41
Tetrachloroethylene	279	µg/L	7350/41
Trichloroethylene	23	µg/L	7350/41
Vinyl chloride	ND(2)	µg/L	7350/41
1,2-Dichloropropane	ND(2)	µg/L	7350/41
Hardness (Calculated)	322	mg/L as CaCO3	7157/594
Chloride	166	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/28/13 1130	06/11/13 0924	130528-5	3NX5161	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/28/13 1130	06/11/13 0924	130528-5	3NX5161	JMM	8151A(M)
OXY Chlorinated Hyd.	05/28/13 0800	06/06/13 0826	130528-3	6EX3155	JMM	8121
OXY GC/MS Acids	05/28/13 0945	06/07/13 0555	130528-4	2MS6157	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 2016	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2056	130529-4	13IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 2042	1IC2155	3IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052203

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052204
Sample Description: WG-052313-DH-MW27S2

Date Sampled: 05/23/2013
Time Sampled: 0955

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	2.5 EC FC	µg/L	7370/33
Pentachlorophenol	2.5	µg/L	7370/33
OXY Chlorinated Hyd.	QC		
A-BHC	ND(55)	µg/L	7360/31
B-BHC	ND(190)	µg/L	7360/31
G-BHC	ND(260)	µg/L	7360/31
Hexachloroethane	2200	µg/L	7360/31
Hexachlorobutadiene	17800	µg/L	7360/31
Hexachlorobenzene	ND(500)	µg/L	7360/31
D-BHC	ND(300)	µg/L	7360/31
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(5.0)	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	9.7	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(5)	µg/L	7350/41
1,2-Dichloroethane	ND(5)	µg/L	7350/41
Benzene	ND(5)	µg/L	7350/41
Carbon tetrachloride	60.	µg/L	7350/41
Chloroform	15	µg/L	7350/41
Chloromethane	ND(5)	µg/L	7350/41
Methylene chloride	ND(5)	µg/L	7350/41
Tetrachloroethylene	407	µg/L	7350/41
Trichloroethylene	13	µg/L	7350/41
Vinyl chloride	ND(5)	µg/L	7350/41
1,2-Dichloropropane	ND(5)	µg/L	7350/41
Hardness (Calculated)	327	mg/L as CaCO3	7157/594
Chloride	228	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/29/13 1630	06/05/13 0358	130529-4	2NX5155	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/29/13 1630	06/05/13 0358	130529-4	2NX5155	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/12/13 2209	130529-1	2EX3163	JMM	8121
OXY GC/MS Acids	05/29/13 0945	06/07/13 1312	130529-2	1MS6158	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 2041	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2100	130529-4	13IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 2055	1IC2155	3IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052204

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052205
Sample Description: WG-052313-JR-MW02S2

Date Sampled: 05/23/2013
Time Sampled: 1050

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	8.4 SR	µg/L	7370/33
Pentachlorophenol	ND(0.5) SR	µg/L	7370/33
OXY Chlorinated Hyd.			
A-BHC	0.111	µg/L	7360/31
B-BHC	1.48	µg/L	7360/31
G-BHC	ND(0.052)	µg/L	7360/31
Hexachloroethane	0.29	µg/L	7360/31
Hexachlorobutadiene	2.85	µg/L	7360/31
Hexachlorobenzene	ND(0.10)	µg/L	7360/31
D-BHC	ND(0.05)	µg/L	7360/31
OXY GC/MS Acids			
2-Chlorophenol	11.1	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	OC	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	43.3	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	12.2	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(2)	µg/L	7350/41
1,2-Dichloroethane	ND(2)	µg/L	7350/41
Benzene	8.9	µg/L	7350/41
Carbon tetrachloride	118	µg/L	7350/41
Chloroform	41.9	µg/L	7350/41
Chloromethane	ND(2)	µg/L	7350/41
Methylene chloride	ND(2)	µg/L	7350/41
Tetrachloroethylene	7.0	µg/L	7350/41
Trichloroethylene	ND(2)	µg/L	7350/41
Vinyl chloride	ND(2)	µg/L	7350/41
1,2-Dichloropropane	ND(2)	µg/L	7350/41
Hardness (Calculated)	490.	mg/L as CaCO3	7157/594
Chloride	1390	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/29/13 1630	06/05/13 0516	130529-4	3NX5155	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/29/13 1630	06/05/13 0516	130529-4	3NX5155	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/12/13 2045	130529-1	2EX3163	JMM	8121
OXY GC/MS Acids	05/29/13 0945	06/07/13 1358	130529-2	1MS6158	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 2107	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2104	130529-4	13IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 2108	1IC2155	3IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052205

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052205R
Sample Description: WG-052313-JR-MW02S2

Date Sampled: 05/23/2013
Time Sampled: 1050

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	23 HP	µg/L	7370/37
Pentachlorophenol	ND(0.5) HP	µg/L	7370/36
OXY GC/MS Acids	SR		
2-Chlorophenol	ND(25)	µg/L	7326/183
3-& 4-Chlorophenol	ND(25)	µg/L	7326/183
2,4-Dichlorophenol	280.	µg/L	7326/183
2,5-Dichlorophenol	ND(25)	µg/L	7326/183
2,6-Dichlorophenol	46	µg/L	7326/183
2,4,5-Trichlorophenol	ND(25)	µg/L	7326/183
2,4,6-Trichlorophenol	ND(25)	µg/L	7326/183
2,3,4,5-Tetrachlorophenol	ND(25) CE QC	µg/L	7326/183
2,3,4,6-Tetrachlorophenol	ND(25) CE QC	µg/L	7326/183

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/10/13 1100	06/13/13 1252	130610-4	1NX5164	JMM	8151A(M)
Pentachlorophenol	06/10/13 1100	06/11/13 1925	130610-4	1NX5162	JMM	8151A(M)
OXY GC/MS Acids	05/29/13 0945	06/10/13 0944	130529-2	1MS6161	BLP	8270C
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)

Conclusion of Lab Number: 13052205R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052206
Sample Description: WG-052313-DH-MW16S4

Date Sampled: 05/23/2013
Time Sampled: 1120

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/33
Pentachlorophenol	ND(0.5)	µg/L	7370/33
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/31
B-BHC	0.667	µg/L	7360/31
G-BHC	ND(0.052)	µg/L	7360/31
Hexachloroethane	ND(0.02)	µg/L	7360/31
Hexachlorobutadiene	0.24	µg/L	7360/31
Hexachlorobenzene	0.19	µg/L	7360/31
D-BHC	ND(0.05)	µg/L	7360/31
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/111
1,2-Dichloroethane	ND(0.5)	µg/L	7349/111
Benzene	ND(0.5)	µg/L	7349/111
Carbon tetrachloride	ND(0.5)	µg/L	7349/111
Chloroform	ND(0.5)	µg/L	7349/111
Chloromethane	ND(0.5)	µg/L	7349/111
Methylene chloride	ND(0.5)	µg/L	7349/111
Tetrachloroethylene	ND(0.5)	µg/L	7349/111
Trichloroethylene	ND(0.5)	µg/L	7349/111
Vinyl chloride	ND(0.5)	µg/L	7349/111
1,2-Dichloropropane	ND(0.5)	µg/L	7349/111
Hardness (Calculated)	310.	mg/L as CaCO3	7157/594
Chloride	89	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/29/13 1630	06/05/13 0555	130529-4	3NX5155	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/29/13 1630	06/05/13 0555	130529-4	3NX5155	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/12/13 2127	130529-1	2EX3163	JMM	8121
OXY GC/MS Acids	05/29/13 0945	06/07/13 1444	130529-2	1MS6158	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1715	1MS8155	1MS8155	GMA	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2109	130529-4	13IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 2121	1IC2155	3IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052206

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052207
Sample Description: WG-052313-JR-MW02S1

Date Sampled: 05/23/2013
Time Sampled: 1130

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	1.4	µg/L	7370/33
Pentachlorophenol	ND(0.5)	µg/L	7370/33
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/41
1,2-Dichloroethane	ND(0.5)	µg/L	7350/41
Benzene	ND(0.5)	µg/L	7350/41
Carbon tetrachloride	ND(0.5)	µg/L	7350/41
Chloroform	1.0	µg/L	7350/41
Chloromethane	ND(0.5)	µg/L	7350/41
Methylene chloride	ND(0.5)	µg/L	7350/41
Tetrachloroethylene	ND(0.5)	µg/L	7350/41
Trichloroethylene	ND(0.5)	µg/L	7350/41
Vinyl chloride	ND(0.5)	µg/L	7350/41
1,2-Dichloropropane	ND(0.5)	µg/L	7350/41
Hardness (Calculated)	350.	mg/L as CaCO3	7157/594
Chloride	127	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/29/13 1630	06/05/13 0634	130529-4	3NX5155	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/29/13 1630	06/05/13 0634	130529-4	3NX5155	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/07/13 2223	130529-1	4EX3157	JMM	8121
OXY GC/MS Acids	05/29/13 0945	06/07/13 1531	130529-2	1MS6158	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 2158	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2113	130529-4	13IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/04/13 2133	1IC2155	3IC2155	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052207

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052208
Sample Description: WG-052313-JR-FD6

Date Sampled: 05/23/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/33
Pentachlorophenol	ND(0.5)	µg/L	7370/33
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	µg/L	7326/182
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/41
1,2-Dichloroethane	ND(0.5)	µg/L	7350/41
Benzene	ND(0.5)	µg/L	7350/41
Carbon tetrachloride	ND(0.5)	µg/L	7350/41
Chloroform	ND(0.5)	µg/L	7350/41
Chloromethane	ND(0.5)	µg/L	7350/41
Methylene chloride	ND(0.5)	µg/L	7350/41
Tetrachloroethylene	ND(0.5)	µg/L	7350/41
Trichloroethylene	ND(0.5)	µg/L	7350/41
Vinyl chloride	ND(0.5)	µg/L	7350/41
1,2-Dichloropropane	ND(0.5)	µg/L	7350/41
Hardness (Calculated)	1780	mg/L as CaCO3	7157/594
Chloride	88	mg/L	7277/260

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	05/29/13 1630	06/05/13 0714	130529-4	3NX5155	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	05/29/13 1630	06/05/13 0714	130529-4	3NX5155	LPL	8151A(M)
OXY Chlorinated Hyd.	05/29/13 0830	06/07/13 2347	130529-1	5EX3157	JMM	8121
OXY GC/MS Acids	05/29/13 0945	06/07/13 1616	130529-2	1MS6158	BLP	8270C
OXY Volatiles by 8260	N/A	06/03/13 2223	1MS9154	1MS9154	RKR	8260B
Hardness (Calculated)	05/29/13 1238	05/31/13 2117	130529-4	13IP4151	KMW	6010B & SM 2340B
Chloride	N/A	06/05/13 1155	1IC2156	1IC2156	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052208

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Lab Number: 13052209
Sample Description: TB-05232013

Date Sampled: 05/23/2013
Time Sampled: 1545

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7349/111
1,2-Dichloroethane	ND(0.5)	µg/L	7349/111
Benzene	ND(0.5)	µg/L	7349/111
Carbon tetrachloride	ND(0.5)	µg/L	7349/111
Chloroform	ND(0.5)	µg/L	7349/111
Chloromethane	ND(0.5)	µg/L	7349/111
Methylene chloride	1.1	µg/L	7349/111
Tetrachloroethylene	ND(0.5)	µg/L	7349/111
Trichloroethylene	ND(0.5)	µg/L	7349/111
Vinyl chloride	ND(0.5)	µg/L	7349/111
1,2-Dichloropropane	ND(0.5)	µg/L	7349/111

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	06/04/13 1751	1MS8155	1MS8155	GMA	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13052209

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

E - Concentration or reporting limit is an estimated value. Matrix interferences and/or sample heterogeneity were noted at the time of sample analysis.

EC - This result is estimated due to insufficient chromatographic resolution from other compounds.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

HP - Regulatory preparation holding time for this analysis was exceeded.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130529-4	130529BLK4 06/04/13 2007	130529LCS4 06/04/13 2046	13052199MS 06/05/13 0239

Lab numbers associated with this batch:
13052199 13052204 13052205 13052206 13052207 13052208

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130528-5	130528BLK5 06/06/13 1950	130528LCS5 06/06/13 2029	13052029MS 06/06/13 2147

Lab numbers associated with this batch:
13052197 13052198 13052200 13052201 13052202 13052203

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130610-4	130610BLK4 06/11/13 1648	130610LCS4 06/11/13 1727	13052205RS 06/10/13

Lab numbers associated with this batch:
13052205R

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130529-4	130529BLK4 06/04/13 2007	130529LCS4 06/04/13 2046	13052199MS 06/05/13 0239

Lab numbers associated with this batch:
13052199 13052204 13052205 13052206 13052207 13052208

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130528-5	130528BLK5 06/06/13 1950	130528LCS5 06/06/13 2029	13052029MS 06/06/13 2147

Lab numbers associated with this batch:
13052197 13052198 13052200 13052201 13052202 13052203

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL350	Pentachlorophenol	130610-4	130610BLK4 06/11/13 1648	130610LCS4 06/11/13 1727	13052205RS 06/10/13

Lab numbers associated with this batch:
13052205R

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130528-3	130528BLK3 06/04/13 1828	130528LCS3 06/04/13 1910	13052029MS 06/04/13 2034

Lab numbers associated with this batch:
13052197 13052198 13052200 13052202 13052203

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130529-1	130529BLK1 06/07/13 1604	130529LCS1 06/07/13 1647	13052199MS 06/07/13 1811

Lab numbers associated with this batch:
13052199 13052201 13052204 13052205 13052206 13052207 13052208

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL351	OXY Chlorinated Hyd.	130607-1	130607BLK1 06/12/13 1056	130607LCS1 06/12/13 1138	

Lab numbers associated with this batch:
13052197R 13052202R

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130528-4	130528BLK4 06/06/13 1040	130528LCS4 06/06/13 1126	13052029MS 06/06/13 1258

Lab numbers associated with this batch:
13052197 13052198 13052200 13052201 13052201R 13052202 13052203

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
MS302	OXY GC/MS Acids	130529-2	130529BLK2 06/07/13 0923	130529LCS2 06/07/13 1008	13052199MS 06/07/13 1140

Lab numbers associated with this batch:
13052199 13052204 13052205 13052205R 13052206 13052207 13052208

MS350	OXY Volatiles by 8260	1MS9154	BLK1MS9154 06/03/13 1627	LCS1MS9154 06/03/13 1601	13052199MS 06/03/13 1808

Lab numbers associated with this batch:
13052197 13052198 13052200 13052201 13052202 13052203 13052204 13052205 13052207 13052208

MS350	OXY Volatiles by 8260	1MS8155	BLK1MS8155 06/04/13 1639	LCS1MS8155 06/04/13 1528	13052199RS 06/04/13 2015

Lab numbers associated with this batch:
13052197R 13052198R 13052199 13052206 13052209

SL323	Hardness (Calculated)	130529-4	130529BLK4 05/31/13 1948	130529LCS4 05/31/13 1953	13052199MS 05/31/13 2022

Lab numbers associated with this batch:
13052197 13052198 13052199 13052200 13052201 13052202 13052203 13052204 13052205 13052206 13052207
13052208

GL502	Chloride	1IC2155	BLK1IC2155 06/04/13 1537	LCS1IC2155 06/04/13 1550	13052199MS 06/04/13 1913

Lab numbers associated with this batch:
13052197 13052198 13052199 13052200 13052201 13052202 13052203 13052204 13052205 13052206 13052207

GL502	Chloride	1IC2156	BLK1IC2156 06/05/13 1104	LCS1IC2156 06/05/13 1117	13052214MS 06/05/13 1259

Lab numbers associated with this batch:
13052208

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130528-3	**For samples prepared on: 05/28/2013 0800**					**Spiked sample: 13052029**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	105	83.9-128	0.50	µg/L			84.0-131		µg/L	**	13.0
B-BHC	ND(0.037)	98.6	83.5-129	0.50	µg/L			83.7-129	0.50	µg/L	**	13.2
G-BHC	ND(0.052)	104	83.6-128	0.50	µg/L			82.4-131	0.50	µg/L	**	13.2
Hexachloroethane	ND(0.02)	96.8	57.2-125	0.50	µg/L			40.1-127	0.50	µg/L	**	18.6
Hexachlorobutadiene	0.05 BK	105	51.9-126	0.50	µg/L			37.5-125	0.50	µg/L	**	21.3
Hexachlorobenzene	ND(0.10)	113	74.7-127	0.50	µg/L			72.6-127	0.50	µg/L	**	15.4
D-BHC	ND(0.05)	111	78.7-146	0.50	µg/L			78.0-148	0.50	µg/L	**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.4	78.4	53.9-120	8.0	µg/L	MN	MN	53.9-120	8.0	µg/L	**	
QC Batch: 130528-4	**For samples prepared on: 05/28/2013 0945**					**Spiked sample: 13052029**						
OXY GC/MS Acids						MN	MN					
2-Chlorophenol	ND(5.0)	88.4	73.0-97.8	50.0	µg/L			69.5-101	50.0	µg/L	**	11.9
3-& 4-Chlorophenol	ND(5.0)	76.7	61.2-86.6	50.0	µg/L			59.9-90.4	50.0	µg/L	**	11.8
2,4-Dichlorophenol	ND(5.0)	91.3	73.1-116	50.0	µg/L			72.2-118	50.0	µg/L	**	18.7
2,5-Dichlorophenol	ND(5.0)	87.8	72.9-112	50.0	µg/L			82.6-107	50.0	µg/L	**	16.2
2,6-Dichlorophenol	ND(5.0)	89.4	81.0-110	50.0	µg/L			78.8-114	50.0	µg/L	**	10.7
2,4,5-Trichlorophenol	ND(5.0)	102	79.1-115	50.0	µg/L			77.6-118	50.0	µg/L	**	11.7
2,4,6-Trichlorophenol	ND(5.0)	100.	80.4-117	50.0	µg/L			78.1-121	50.0	µg/L	**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	109 CE	65.5-129	100	µg/L			66.2-131	100	µg/L	**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	109 CE	64.5-131	100	µg/L			63.8-134	100	µg/L	**	13.1
Surrogates:												
PHENOL-d6	36.4	38.5	21.7-41.8	150	µg/L	MN	MN	21.7-41.8	150	µg/L	**	
2-FLUOROPHENOL	56.4	57.5	36.2-67.8	150	µg/L	MN	MN	36.2-67.8	150	µg/L	**	
2,4,6-TRIBROMOPHENOL	97.5	111	62.3-129	150	µg/L	MN	MN	62.3-129	150	µg/L	**	
QC Batch: 130528-5	**For samples prepared on: 05/28/2013 1130**					**Spiked sample: 13052029**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	105	77.6-131	4.0	µg/L	MN	MN	78.6-129	4.0	µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	92.4	105	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130528-5	**For samples prepared on: 05/28/2013 1130**					**Spiked sample: 13052029**						
Pentachlorophenol	ND(0.5)	91.1	72.0-127	4.0	µg/L	MN	MN	13.9-147	4.0	µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	92.4	105	70.5-128	5.0	µg/L	MN	MN	70.5-128	5.0	µg/L	**	
QC Batch: 130529-1	**For samples prepared on: 05/29/2013 0830**					**Spiked sample: 13052199**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	106	83.9-128	0.50	µg/L	118	104 MP	84.0-131	0.50	µg/L	16.3	13.0
B-BHC	ND(0.037)	102	83.5-129	0.50	µg/L	113	98.8 MP	83.7-129	0.50	µg/L	17.1	13.2
G-BHC	ND(0.052)	110.	83.6-128	0.50	µg/L	120.	106 MP	82.4-131	0.50	µg/L	16.0	13.2
Hexachloroethane	ND(0.02)	91.6	57.2-125	0.50	µg/L	122	90.6 MP	40.1-127	0.50	µg/L	33.3	18.6
Hexachlorobutadiene	0.02 BK	91.2	51.9-126	0.50	µg/L	138 MH	94.6 MP	37.5-125	0.50	µg/L	40.6	21.3
Hexachlorobenzene	ND(0.10)	109	74.7-127	0.50	µg/L	127	111 MP	72.6-127	0.50	µg/L	17.0	15.4
D-BHC	ND(0.05)	116	78.7-146	0.50	µg/L	128	115 MP	78.0-148	0.50	µg/L	14.3	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	84.3	79.6	53.9-120	8.0	µg/L	87.4	78.6	53.9-120	8.0	µg/L		
QC Batch: 130529-2	**For samples prepared on: 05/29/2013 0945**					**Spiked sample: 13052199**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	93.3	73.0-97.8	50.0	µg/L	83.6	91.9	69.5-101	50.0	µg/L	5.70	11.9

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130529-2	**For samples prepared on: 05/29/2013 0945**					**Spiked sample: 13052199**						
3-& 4-Chlorophenol	ND(5.0)	80.0	61.2-86.6	50.0	µg/L	73.5	79.0	59.9-90.4	50.0	µg/L	3.30	11.8
2,4-Dichlorophenol	ND(5.0)	98.1	73.1-116	50.0	µg/L	90.9	95.1	72.2-118	50.0	µg/L	0.70	18.7
2,5-Dichlorophenol	ND(5.0)	93.2	72.9-112	50.0	µg/L	87.6	96.9	82.6-107	50.0	µg/L	6.20	16.2
2,6-Dichlorophenol	ND(5.0)	93.6	81.0-110	50.0	µg/L	89.2	94.4	78.8-114	50.0	µg/L	1.80	10.7
2,4,5-Trichlorophenol	ND(5.0)	109	79.1-115	50.0	µg/L	98.1	106	77.6-118	50.0	µg/L	3.90	11.7
2,4,6-Trichlorophenol	ND(5.0)	104	80.4-117	50.0	µg/L	96.7	104	78.1-121	50.0	µg/L	3.70	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	117 CE	65.5-129	100	µg/L	109 CE	119 CE	66.2-131	100	µg/L	5.40	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	117 CE	64.5-131	100	µg/L	109 CE	119 CE	63.8-134	100	µg/L	5.40	13.1
Surrogates:												
PHENOL-d6	35.5	40.4	21.7-41.8	150	µg/L	35.7	38.5	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	53.3	62.2	36.2-67.8	150	µg/L	54.8	59.4	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	100.	122	62.3-129	150	µg/L	114	124	62.3-129	150	µg/L		
QC Batch: 130529-4	**For samples prepared on: 05/29/2013 1630**					**Spiked sample: 13052199**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	114	77.6-131	4.0	µg/L	109	89.8	78.6-129	4.0	µg/L	13.4	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	93.3	106	70.5-128	5.0	µg/L	108	83.4	70.5-128	5.0	µg/L		
QC Batch: 130529-4	**For samples prepared on: 05/29/2013 1630**					**Spiked sample: 13052199**						
Pentachlorophenol	ND(0.5)	87.9	72.0-127	4.0	µg/L	87.5	67.1 MP	13.9-147	4.0	µg/L	20.7	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	93.3	106	70.5-128	5.0	µg/L	108	83.4	70.5-128	5.0	µg/L		
QC Batch: 130529-4	**For samples prepared on: 05/29/2013 1238**					**Spiked sample: 13052199**						
Hardness (Calculated)	ND(5.0)	98.1	80.0-120	337	mg/L a	93.9	94.2	80.0-120	337	mg/L a	0.20	20.0
QC Batch: 130607-1	**For samples prepared on: 06/07/2013 0830**					**Spiked sample:**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	108	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	103	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	109	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	ND(0.02)	86.8	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	ND(0.02)	85.2	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	103	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	120	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.4	76.5	53.9-120	8.0	µg/L	MN	MN	53.9-120			**	
QC Batch: 130610-4	**For samples prepared on: 06/10/2013 1100**					**Spiked sample: 13052205R**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	115	77.6-131	4.0	µg/L	F	F	78.6-129		µg/L	**	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	104	115	70.5-128	5.0	µg/L			70.5-128			**	
QC Batch: 130610-4	**For samples prepared on: 06/10/2013 1100**					**Spiked sample: 13052205R**						
Pentachlorophenol	ND(0.5)	105	72.0-127	4.0	µg/L	F	F	13.9-147		µg/L	**	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	104	115	70.5-128	5.0	µg/L			70.5-128			**	
QC Batch: 1IC2155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052199**						
Chloride	ND(1.0)	97.5	90.0-110	4.0	mg/L	96.7	86.5	74.5-127	40.0	mg/L	3.00	5.3
QC Batch: 1IC2156	**For sample analyzed on: 06/05/2013**					**Spiked sample: 13052214**						

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1IC2156	**For sample analyzed on: 06/05/2013**					**Spiked sample: 13052214**						
Chloride	ND(1.0)	96.7	90.0-110	4.0	mg/L	MN	MN	74.5-127	40.0	mg/L	**	5.3
QC Batch: 1MS8155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052199R**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	98.8	81.5-118	10.0	µg/L	99.8	102	78.1-121	10.0	µg/L	2.10	10.7
1,2-Dichloroethane	ND(0.5)	95.7	69.8-120	10.0	µg/L	102	103	68.0-125	10.0	µg/L	0.40	10.8
Benzene	ND(0.5)	100.	82.7-115	10.0	µg/L	104	104	80.1-119	10.0	µg/L	0.20	6.8
Carbon tetrachloride	ND(0.5)	96.8	80.9-128	10.0	µg/L	99.1	98.2	72.6-132	10.0	µg/L	0.40	10.6
Chloroform	ND(0.5)	91.8	76.9-118	10.0	µg/L	86.8	90.7	73.8-122	10.0	µg/L	1.60	8.7
Chloromethane	ND(0.5)	103	70.6-125	10.0	µg/L	105	110.	62.8-132	10.0	µg/L	4.20	13.5
Methylene chloride	ND(0.5)	94.3	76.1-114	10.0	µg/L	95.8	97.4	74.3-118	10.0	µg/L	1.70	10.5
Tetrachloroethylene	ND(0.5)	101	84.5-126	10.0	µg/L	104	102	81.2-125	10.0	µg/L	2.00	10.1
Trichloroethylene	ND(0.5)	94.6	82.0-113	10.0	µg/L	94.1	95.7	79.3-117	10.0	µg/L	1.60	8.7
Vinyl chloride	ND(0.5)	105	72.1-130	10.0	µg/L	110.	113	66.9-134	10.0	µg/L	2.60	14.4
1,2-Dichloropropane	ND(0.5)	96.5	78.6-113	10.0	µg/L	98.0	101	76.4-118	10.0	µg/L	3.20	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	96.9	96.1	73.2-126	10.0	µg/L	100.	102	73.2-126	10.0	µg/L		
TOLUENE-d8	103	106	88.6-116	10.0	µg/L	104	104	88.6-116	10.0	µg/L		
QC Batch: 1MS9154	**For sample analyzed on: 06/03/2013**					**Spiked sample: 13052199**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	94.7	81.5-118	10.0	µg/L	92.0	93.7	78.1-121	10.0	µg/L	1.80	10.7
1,2-Dichloroethane	ND(0.5)	90.9	69.8-120	10.0	µg/L	88.5	91.8	68.0-125	10.0	µg/L	3.70	10.8
Benzene	ND(0.5)	95.5	82.7-115	10.0	µg/L	94.4	95.6	80.1-119	10.0	µg/L	1.30	6.8
Carbon tetrachloride	ND(0.5)	92.7	80.9-128	10.0	µg/L	89.5	93.1	72.6-132	10.0	µg/L	2.00	10.6
Chloroform	ND(0.5)	86.7	76.9-118	10.0	µg/L	74.9	80.4	73.8-122	10.0	µg/L	2.40	8.7
Chloromethane	ND(0.5)	104	70.6-125	10.0	µg/L	104	106	62.8-132	10.0	µg/L	1.80	13.5
Methylene chloride	ND(0.5)	90.7	76.1-114	10.0	µg/L	88.7	88.3	74.3-118	10.0	µg/L	0.50	10.5
Tetrachloroethylene	ND(0.5)	102	84.5-126	10.0	µg/L	83.9	85.3	81.2-125	10.0	µg/L	1.10	10.1
Trichloroethylene	ND(0.5)	95.1	82.0-113	10.0	µg/L	89.2	94.7	79.3-117	10.0	µg/L	6.00	8.7
Vinyl chloride	ND(0.5)	108	72.1-130	10.0	µg/L	106	109	66.9-134	10.0	µg/L	3.00	14.4
1,2-Dichloropropane	ND(0.5)	92.7	78.6-113	10.0	µg/L	89.6	91.7	76.4-118	10.0	µg/L	2.30	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	95.3	94.5	73.2-126	10.0	µg/L	96.0	95.9	73.2-126	10.0	µg/L		
TOLUENE-d8	109	110.	88.6-116	10.0	µg/L	106	106	88.6-116	10.0	µg/L		

Data Qualifiers:

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

BK - This analyte did not meet method blank criteria. The associated sample results may be estimated.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

MH - The matrix spike and/or matrix spike duplicate recovery for this analyte was above the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

F - MS and/or MSD sample data are not available due to insufficient sample volume.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052197		**Sample Description: WG-052213-JR-MW24S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	93.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	93.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	79.8	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	34.3	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	57.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	99.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	10	µg/L	96.7	73.2-126
TOLUENE-d8		06/03/2013	10	µg/L	106	88.6-116
Lab Number: 13052197R		**Sample Description: WG-052213-JR-MW24S1**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/07/2013	06/12/2013	8.0	µg/L	77.8	53.9-120
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	100	µg/L	104	73.2-126
TOLUENE-d8		06/04/2013	100	µg/L	102	88.6-116
Lab Number: 13052198		**Sample Description: WG-052213-DH-MW19S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	92.7	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	92.7	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	82.4	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	34.7	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	53.0	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	111	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	10	µg/L	94.3	73.2-126
TOLUENE-d8		06/03/2013	10	µg/L	114	88.6-116
Lab Number: 13052198R		**Sample Description: WG-052213-DH-MW19S1**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	100	µg/L	102	73.2-126
TOLUENE-d8		06/04/2013	100	µg/L	99.7	88.6-116
Lab Number: 13052199		**Sample Description: WG-052213-JR-MW24S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	90.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	90.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/07/2013	8.0	µg/L	86.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/07/2013	150	µg/L	33.5	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/07/2013	150	µg/L	53.5	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/07/2013	150	µg/L	103	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	102	73.2-126

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052199		**Sample Description: WG-052213-JR-MW24S3**				
OXY Volatiles by 8260						
TOLUENE-d8		06/04/2013	10	µg/L	98.8	88.6-116
Lab Number: 13052200		**Sample Description: WG-052213-DH-MW18S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	124	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/11/2013	5.0	µg/L	C	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	28.9	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	43.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	87.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	40000	µg/L	93.4	73.2-126
TOLUENE-d8		06/03/2013	40000	µg/L	109	88.6-116
Lab Number: 13052201		**Sample Description: WG-052313-DH-MW19S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/10/2013	5.0	µg/L	C	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	128	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/12/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	18.2 SI	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	22.5 SI	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	97.9	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	5000	µg/L	95.6	73.2-126
TOLUENE-d8		06/03/2013	5000	µg/L	108	88.6-116
Lab Number: 13052201R		**Sample Description: WG-052313-DH-MW19S2**				
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	17.6 SL	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	23.6 SL	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	94.5	62.3-129
Lab Number: 13052202		**Sample Description: WG-052313-JR-MW23BR**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/10/2013	5.0	µg/L	82.6	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/07/2013	5.0	µg/L	78.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/05/2013	8.0	µg/L	83.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	34.9	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	52.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	110.	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	10	µg/L	95.8	73.2-126
TOLUENE-d8		06/03/2013	10	µg/L	106	88.6-116

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052202R		**Sample Description: WG-052313-JR-MW23BR**				
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/07/2013	06/12/2013	8.0	µg/L	87.8	53.9-120
Lab Number: 13052203		**Sample Description: WG-052313-DH-MW27S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/11/2013	5.0	µg/L	129 SI	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/28/2013	06/11/2013	5.0	µg/L	129 SI	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/28/2013	06/06/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/28/2013	06/07/2013	150	µg/L	36.4	21.7-41.8
2-FLUOROPHENOL	05/28/2013	06/07/2013	150	µg/L	56.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/28/2013	06/07/2013	150	µg/L	135 SH	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	40	µg/L	96.2	73.2-126
TOLUENE-d8		06/03/2013	40	µg/L	109	88.6-116
Lab Number: 13052204		**Sample Description: WG-052313-DH-MW27S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	105	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	105	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/12/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/07/2013	150	µg/L	32.4	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/07/2013	150	µg/L	53.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/07/2013	150	µg/L	153 SH OC	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	100	µg/L	95.9	73.2-126
TOLUENE-d8		06/03/2013	100	µg/L	108	88.6-116
Lab Number: 13052204R						
Lab Number: 13052205		**Sample Description: WG-052313-JR-MW02S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	22.6 SL	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	22.6 SL	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/12/2013	8.0	µg/L	83.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/07/2013	150	µg/L	33.2	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/07/2013	150	µg/L	52.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/07/2013	150	µg/L	118	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	40	µg/L	95.3	73.2-126
TOLUENE-d8		06/03/2013	40	µg/L	108	88.6-116
Lab Number: 13052205R		**Sample Description: WG-052313-JR-MW02S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/10/2013	06/13/2013	5.0	µg/L	114	70.5-128

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052205R		**Sample Description: WG-052313-JR-MW02S2**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/10/2013	06/11/2013	5.0	µg/L	93.3	70.5-128
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/10/2013	150	µg/L	33.4	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/10/2013	150	µg/L	53.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/10/2013	150	µg/L	90.9 CH	62.3-129
Lab Number: 13052206		**Sample Description: WG-052313-DH-MW16S4**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	96.4	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	96.4	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/12/2013	8.0	µg/L	80.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/07/2013	150	µg/L	33.3	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/07/2013	150	µg/L	51.4	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/07/2013	150	µg/L	108	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	98.4	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	102	88.6-116
Lab Number: 13052207		**Sample Description: WG-052313-JR-MW02S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	97.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	97.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/07/2013	8.0	µg/L	91.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/07/2013	150	µg/L	30.3	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/07/2013	150	µg/L	49.2	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/07/2013	150	µg/L	113	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	10	µg/L	99.2	73.2-126
TOLUENE-d8		06/03/2013	10	µg/L	105	88.6-116
Lab Number: 13052208		**Sample Description: WG-052313-JR-FD6**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	80.5	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	05/29/2013	06/05/2013	5.0	µg/L	80.5	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	05/29/2013	06/07/2013	8.0	µg/L	91.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/07/2013	150	µg/L	32.6	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/07/2013	150	µg/L	51.3	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/07/2013	150	µg/L	114	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	10	µg/L	100.	73.2-126
TOLUENE-d8		06/03/2013	10	µg/L	109	88.6-116
Lab Number: 13052209		**Sample Description: TB-05232013**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052209		**Sample Description: TB-05232013**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	103	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	101	88.6-116

Data Qualifiers:

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

SL - The surrogate recovery for this analysis was below the method or laboratory control limits. The reported sample concentration may be biased low.

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be biased high.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	06/04/2013	2NX5155	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/05/2013	3NX5155	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/05/2013	4NX5155	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/07/2013	5NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/07/2013	6NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/10/2013	1NX5161	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/11/2013	2NX5161	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/11/2013	3NX5161	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/11/2013	4NX5161	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/13/2013	1NX5164	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/13/2013	2NX5164	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/04/2013	2NX5155	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/05/2013	3NX5155	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/05/2013	4NX5155	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	5NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	6NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	3NX5161	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	4NX5161	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	1NX5162	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	2NX5162	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/05/2013	2EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/05/2013	3EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/05/2013	4EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	6EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	7EX3155	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/07/2013	4EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/07/2013	5EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/08/2013	6EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/12/2013	2EX3163	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/13/2013	3EX3163	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/04/2013	2IC2155	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/04/2013	3IC2155	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/04/2013	4IC2155	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/05/2013	1IC2156	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/05/2013	2IC2156	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/31/2013	12IP4151	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/31/2013	13IP4151	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	05/31/2013	14IP4151	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	06/06/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/06/2013	2MS6157	100	116	µg/ml	116 CE
2,3,4,6-Tetrachlorophenol	06/06/2013	2MS6157	100	116	µg/ml	116 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052197	2MS6157	WG-052213-JR-MW24S1

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/13/2013
Date Received: 05/23/2013
Continental File No: 7775
Continental Order No: 111232

Laboratory Number	Instrument Batch	Sample Description
13052198	2MS6157	WG-052213-DH-MW19S1
13052200	2MS6157	WG-052213-DH-MW18S3
13052201	2MS6157	WG-052313-DH-MW19S2
13052202	2MS6157	WG-052313-JR-MW23BR
13052203	2MS6157	WG-052313-DH-MW27S1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	06/07/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/07/2013	1MS6158	100	119	µg/ml	119 CE
2,3,4,6-Tetrachlorophenol	06/07/2013	1MS6158	100	119	µg/ml	119 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052199	1MS6158	WG-052213-JR-MW24S3
13052204	1MS6158	WG-052313-DH-MW27S2
13052205	1MS6158	WG-052313-JR-MW02S2
13052206	1MS6158	WG-052313-DH-MW16S4
13052207	1MS6158	WG-052313-JR-MW02S1
13052208	1MS6158	WG-052313-JR-FD6
13052201R	1MS6158	WG-052313-DH-MW19S2

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	06/10/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/10/2013	1MS6161	100	127	µg/ml	127 CE CH
2,3,4,6-Tetrachlorophenol	06/10/2013	1MS6161	100	127	µg/ml	127 CE CH
2,4,6-TRIBROMOPHENOL	06/10/2013	1MS6161	50.0	60.5	µg/ml	121 CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052205R	1MS6161	WG-052313-JR-MW02S2

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	06/04/2013	1MS8155	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	06/03/2013	1MS9154	CCV recovery acceptable for this Instrument Batch.			

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

- Laboratory Report Conclusion -

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO: 37912

Address: 8615 W. BRYN MAWR AVE CHICAGO, IL

Phone: 773-380-7933 Fax: 773-380-6429

SSOW # 251-402-002-3100 Report/EDD -

PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/042407	Laboratory Name: CONTINENTAL ANALYTICAL	Lab Location: SALINA, KS	SSOW ID:
Project Name: OCC WICHITA	Lab Contact: CLIFF BAKER	Lab Quote No:	Cooler No:
Project Location: WICHITA, KS			Carrier:
Chemistry Contact: PAUL McMAHON			Airbill No:
Sampler(s): JEREMY RAHE / DERRICK HESER			Date Shipped:

	Sample Identification	Date	Time	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	PESTICIDES/HERBICIDE	CHLORIDE/HARDNESS						MS/MSD Request	Comments/ Special Instructions:
1	W6-052213-JR-MW24S1	05/22/13	14:50	GW	G	5	3							8	X	X	X	X							
2	W6-052213-DH-MW19S1		15:05	GW	G	5	3							8	X	X	X	X							
3	W6-052213-JR-MW24S3		15:45	GW	G	15	9							24	X	X	X	X						X	MS/MSD
4	W6-052213-DH-MW18S3		16:20	GW	G	5	3							8	X	X	X	X							
5	W6-052313-DH-MW19S2	05/23/13	08:45	GW	G	5	3							8	X	X	X	X							
6	W6-052313-JR-MW23BR		09:10	GW	G	5	3							8	X	X	X	X							
7	W6-052313-DH-MW27S1		09:40	GW	G	5	3							8	X	X	X	X							
8	W6-052313-DH-MW27S2		09:55	GW	G	5	3							8	X	X	X	X							
9	W6-052313-JR-MW02S2		10:50	GW	G	5	3							8	X	X	X	X							
10	W6-052313-DH-MW16S4		11:20	GW	G	5	3							8	X	X	X	X							
11	W6-052313-JR-MW02S1		11:30	GW	G	5	3							8	X	X	X	X							
12	W6-052313-JR-FD6		00:00	GW	G	5	3							8	X	X	X	X							
13	TB-05232013		1545				3							3	X										
14																									
15																									

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 17

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [signature]	CRA	5/23/13	1600	1. [signature]	CAS	5/23/13	1630
2.				2.			
3.				3.	CAS	5/23/13	1900

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111232

Client Name: OXY **CAS File No.:** 7775

Sample ID's in cooler: See COC

MW0251, MW0252 4LA 250P
MW1654 2LA

Cooler 1 **of** 6 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: CRA / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 23 13 19:00

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.1 Corrected Reading (°C) 0.6

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MJS **Date Completed:** 5-24-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111232

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5 in COC

MW1853 MW1951 YLA 250P

Cooler 2 **of** 6 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3893 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 23 / 13 19:00

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.2

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Cbain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: mwr **Date Completed:** 5-24-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111232

Client Name: OXY **CAS File No.:** 7775

Sample ID's in cooler: 5 - COC

MW 2453 7LA 3-25 OP

VOC 15

Cooler 3 **of** 6 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3890 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 23 / 13 19 : 00

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.4 Corrected Reading (°C) ~~+4~~ 0.9

5 23 13 DSP

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MWR **Date Completed:** 5-24-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111232

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-COC

MW23BR, FD-6 4LA 2-OP

MW2352 3LA

Cooler 4 **of** 6 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3682 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/23/13 19:00

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.4 Corrected Reading (°C) 0.9

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWJ **Date Completed:** 5-24-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111232

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5 - COC

MW 2751 MW 1952 4LA 250P

MW 1654 2LA 250P

MW 2752 LA 250P

Cooler 5 **of** 6 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3927 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5 / 23 / 13 19 : 00

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:

Seal Name: Seal Date:

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.2

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: MWJ **Date Completed:** 5-24-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111232

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-COC

MW2451 6LA

MW 2451 YLA, 250P

Cooler 6 **of** 6 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3187 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 23 / 13 19:00

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.2 Corrected Reading (°C) 0.7

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: mat **Date Completed:** 5-24-13

Continental Analytical Services, Inc.

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/29/2013 1705
Continental File No.: 7775
Continental Order No.: 111321
Project ID: 0540461
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 31 pages for the analytical report, 1 page(s) for the chain of custody and/or analysis request, and 4 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13052607	WG-05282013-JR-MW12S3	Liquid	5/28/2013
13052607R	WG-05282013-JR-MW12S3	Liquid	5/28/2013
13052608	WG-05292013-JR-MW18S1	Liquid	5/29/2013
13052608R	WG-05292013-JR-MW18S1	Liquid	5/29/2013
13052609	WG-05292013-JR-Westar 5	Liquid	5/29/2013
13052610	WG-05292013-JR-Westar 8	Liquid	5/29/2013
13052610R	WG-05292013-JR-Westar 8	Liquid	5/29/2013
13052611	WG-05292013-JR-Westar 21	Liquid	5/29/2013
13052612	WG-05292013-JR-FD8	Liquid	5/29/2013
13052612R	WG-05292013-JR-FD8	Liquid	5/29/2013
13052613	WG-05292013-JR-Rinsate 1	Liquid	5/29/2013
13052614	WG-05292013-JR-TB1	Liquid	5/29/2013

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830
KDHE Environmental Laboratory Accreditation No. E-10146

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

525 N. Eighth St. - P.O. Box 3737 - Salina, KS 67402-3737
785-827-1273 800-535-3076 Fax 785-823-7830

KDHE Environmental Laboratory Accreditation No. E-10146

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052607
Sample Description: WG-05282013-JR-MW12S3

Date Sampled: 05/28/2013
Time Sampled: 1600

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	0.071	µg/L	7360/30
B-BHC	OC	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	0.61	µg/L	7360/30
Hexachlorobutadiene	1.22	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(1)	µg/L	7350/42
1,2-Dichloroethane	ND(1)	µg/L	7350/42
Benzene	ND(1)	µg/L	7350/42
Carbon tetrachloride	104	µg/L	7350/42
Chloroform	106	µg/L	7350/42
Chloromethane	ND(1)	µg/L	7350/42
Methylene chloride	ND(1)	µg/L	7350/42
Tetrachloroethylene	43.9	µg/L	7350/42
Trichloroethylene	2	µg/L	7350/42
Vinyl chloride	ND(1)	µg/L	7350/42
1,2-Dichloropropane	ND(1)	µg/L	7350/42
Hardness (Calculated)	327	mg/L as CaCO3	7157/595
Chloride	229	mg/L	7277/263

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/07/13 1723	130604-5	6NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/07/13 1723	130604-5	6NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/06/13 1821	130604-1	1EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/11/13 2000	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1640	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/03/13 2341	130531-5	7IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 1713	2IC2162	2IC2162	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052607

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052607R
Sample Description: WG-05282013-JR-MW12S3

Date Sampled: 05/28/2013
Time Sampled: 1600

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.			
A-BHC	0.069	µg/L	7360/30
B-BHC	9.07	µg/L	7360/30
G-BHC	ND(0.10)	µg/L	7360/30
Hexachloroethane	0.62	µg/L	7360/30
Hexachlorobutadiene	1.3	µg/L	7360/30
Hexachlorobenzene	ND(0.20)	µg/L	7360/30
D-BHC	ND(0.1)	µg/L	7360/30

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/04/13 0800	06/07/13 1234	130604-1	3EX3157	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052607R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052608
Sample Description: WG-05292013-JR-MW18S1

Date Sampled: 05/29/2013
Time Sampled: 0830

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	19 SR	µg/L	7370/35
Pentachlorophenol	570 QC	µg/L	7370/35
OXY Chlorinated Hyd.	QC		
A-BHC	ND(5.5)	µg/L	7360/30
B-BHC	ND(19)	µg/L	7360/30
G-BHC	ND(26)	µg/L	7360/30
Hexachloroethane	1270	µg/L	7360/30
Hexachlorobutadiene	230	µg/L	7360/30
Hexachlorobenzene	ND(50)	µg/L	7360/30
D-BHC	ND(30)	µg/L	7360/30
OXY GC/MS Acids	SR		
2-Chlorophenol	9.5	µg/L	7326/186
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/186
2,4-Dichlorophenol	43.6	µg/L	7326/186
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/186
2,6-Dichlorophenol	15.5	µg/L	7326/186
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/186
2,4,6-Trichlorophenol	163	µg/L	7326/186
2,3,4,5-Tetrachlorophenol	154 CE	µg/L	7326/186
2,3,4,6-Tetrachlorophenol	154 CE	µg/L	7326/186
OXY Volatiles by 8260			
1,1,1-Trichloroethane	2000	µg/L	7350/42
1,2-Dichloroethane	ND(1000)	µg/L	7350/42
Benzene	ND(1000)	µg/L	7350/42
Carbon tetrachloride	152000	µg/L	7350/42
Chloroform	81400	µg/L	7350/42
Chloromethane	ND(1000)	µg/L	7350/42
Methylene chloride	2200	µg/L	7350/42
Tetrachloroethylene	38400	µg/L	7350/42
Trichloroethylene	1000	µg/L	7350/42
Vinyl chloride	ND(1000)	µg/L	7350/42
1,2-Dichloropropane	ND(1000)	µg/L	7350/42
Hardness (Calculated)	840.	mg/L as CaCO3	7157/595
Chloride	703	mg/L	7277/264

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/11/13 0155	130604-5	2NX5161	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/11/13 1043	130604-5	3NX5161	JMM	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/07/13 1316	130604-1	3EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/12/13 1533	130604-3	1MS6163	MS6	8270C
OXY Volatiles by 8260	N/A	06/04/13 1706	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/03/13 2346	130531-5	7IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/12/13 1811	1IC2163	3IC2163	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052608

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052608R
Sample Description: WG-05292013-JR-MW18S1

Date Sampled: 05/29/2013
Time Sampled: 0830

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	QC		
A-BHC	5.2	µg/L	7360/30
B-BHC	ND(7.4)	µg/L	7360/30
G-BHC	ND(10)	µg/L	7360/30
Hexachloroethane	1290	µg/L	7360/30
Hexachlorobutadiene	205	µg/L	7360/30
Hexachlorobenzene	33	µg/L	7360/30
D-BHC	ND(10)	µg/L	7360/30

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/04/13 0800	06/07/13 1358	130604-1	3EX3157	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052608R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052609
Sample Description: WG-05292013-JR-Westar 5

Date Sampled: 05/29/2013
Time Sampled: 0925

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/35
Pentachlorophenol	ND(0.5)	µg/L	7370/35
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	189	mg/L as CaCO3	7157/595
Chloride	80.	mg/L	7277/263

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/10/13 1921	130604-5	1NX5161	JMM	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/10/13 1921	130604-5	1NX5161	JMM	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/06/13 1945	130604-1	1EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/11/13 2131	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1731	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/03/13 2350	130531-5	7IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 1804	2IC2162	3IC2162	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052609

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052610
Sample Description: WG-05292013-JR-Westar 8

Date Sampled: 05/29/2013
Time Sampled: 0940

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	0.03	µg/L	7360/30
Hexachlorobutadiene	0.06 B	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	181	mg/L as CaCO3	7157/595
Chloride	37	mg/L	7277/263

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/07/13 2118	130604-5	6NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/07/13 2118	130604-5	6NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/06/13 2152	130604-1	1EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/11/13 2349	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1848	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/04/13 0015	130531-5	8IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 1842	2IC2162	3IC2162	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052610

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052610R
Sample Description: WG-05292013-JR-Westar 8

Date Sampled: 05/29/2013
Time Sampled: 0940

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	ND(0.011)	µg/L	7360/32
B-BHC	ND(0.037)	µg/L	7360/32
G-BHC	ND(0.052)	µg/L	7360/32
Hexachloroethane	ND(0.02)	µg/L	7360/32
Hexachlorobutadiene	0.11	µg/L	7360/32
Hexachlorobenzene	ND(0.10)	µg/L	7360/32
D-BHC	ND(0.05)	µg/L	7360/32

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/14/13 0830	06/17/13 1609	130614-1	1EX3168	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052610R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052611
Sample Description: WG-05292013-JR-Westar 21

Date Sampled: 05/29/2013
Time Sampled: 1000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	190.	mg/L as CaCO3	7157/595
Chloride	92	mg/L	7277/263

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/07/13 2157	130604-5	6NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/07/13 2157	130604-5	6NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/06/13 2234	130604-1	1EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/12/13 0035	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1913	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/04/13 0019	130531-5	8IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 1855	2IC2162	3IC2162	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052611

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052612
Sample Description: WG-05292013-JR-FD8

Date Sampled: 05/29/2013
Time Sampled: 0000

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	0.03 B	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	187	mg/L as CaCO3	7157/595
Chloride	37	mg/L	7277/263

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/07/13 2316	130604-5	7NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/07/13 2316	130604-5	7NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/06/13 2316	130604-1	1EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/12/13 0121	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 1939	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/04/13 0023	130531-5	8IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/11/13 1908	2IC2162	3IC2162	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052612

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052612R
Sample Description: WG-05292013-JR-FD8

Date Sampled: 05/29/2013
Time Sampled: 0000

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Chlorinated Hyd.	HP		
A-BHC	ND(0.011)	µg/L	7360/32
B-BHC	ND(0.037)	µg/L	7360/32
G-BHC	ND(0.052)	µg/L	7360/32
Hexachloroethane	ND(0.02)	µg/L	7360/32
Hexachlorobutadiene	ND(0.02)	µg/L	7360/32
Hexachlorobenzene	ND(0.10)	µg/L	7360/32
D-BHC	ND(0.05)	µg/L	7360/32

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Chlorinated Hyd.	06/14/13 0830	06/17/13 1651	130614-1	1EX3168	JMM	8121
Chlorinated Hydrocarbons Preparation Method						3510C

Conclusion of Lab Number: 13052612R

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052613
Sample Description: WG-05292013-JR-Rinsate 1

Date Sampled: 05/29/2013
Time Sampled: 1045

Analysis	Concentration	Units	Book/Page
2,4-Dichlorophenoxyacetic Acid	ND(1.0)	µg/L	7370/34
Pentachlorophenol	ND(0.5)	µg/L	7370/34
OXY Chlorinated Hyd.			
A-BHC	ND(0.011)	µg/L	7360/30
B-BHC	ND(0.037)	µg/L	7360/30
G-BHC	ND(0.052)	µg/L	7360/30
Hexachloroethane	ND(0.02)	µg/L	7360/30
Hexachlorobutadiene	ND(0.02)	µg/L	7360/30
Hexachlorobenzene	ND(0.10)	µg/L	7360/30
D-BHC	ND(0.05)	µg/L	7360/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/185
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/185
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,6-Dichlorophenol	ND(5.0)	µg/L	7326/185
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/185
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/185
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/42
1,2-Dichloroethane	ND(0.5)	µg/L	7350/42
Benzene	ND(0.5)	µg/L	7350/42
Carbon tetrachloride	ND(0.5)	µg/L	7350/42
Chloroform	ND(0.5)	µg/L	7350/42
Chloromethane	ND(0.5)	µg/L	7350/42
Methylene chloride	ND(0.5)	µg/L	7350/42
Tetrachloroethylene	ND(0.5)	µg/L	7350/42
Trichloroethylene	ND(0.5)	µg/L	7350/42
Vinyl chloride	ND(0.5)	µg/L	7350/42
1,2-Dichloropropane	ND(0.5)	µg/L	7350/42
Hardness (Calculated)	ND(5.0)	mg/L as CaCO3	7157/595
Chloride	ND(1.0)	mg/L	7277/264

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-Dichlorophenoxyacetic	06/04/13 1100	06/07/13 2355	130604-5	7NX5157	LPL	8151A(M)

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
Pentachlorophenol	06/04/13 1100	06/07/13 2355	130604-5	7NX5157	LPL	8151A(M)
OXY Chlorinated Hyd.	06/04/13 0800	06/07/13 0040	130604-1	2EX3157	JMM	8121
OXY GC/MS Acids	06/04/13 1530	06/12/13 0208	130604-3	2MS6162	BLP	8270C
OXY Volatiles by 8260	N/A	06/04/13 2004	1MS9155	1MS9155	RKR	8260B
Hardness (Calculated)	05/31/13 1001	06/04/13 0028	130531-5	8IP4154	KMW	6010B & SM 2340B
Chloride	N/A	06/12/13 1823	1IC2163	3IC2163	MLL	300.0/9056A
Volatile Analysis Preparation Method						5030B
Acid Preparation Method						625/3510C
Herbicides Preparation Method						8151A(M)
Chlorinated Hydrocarbons Preparation Method						3510C
Calculated as Hardness Preparation Method						200.7/6010B

Conclusion of Lab Number: 13052613

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Lab Number: 13052614
Sample Description: WG-05292013-JR-TB1

Date Sampled: 05/29/2013
Time Sampled: 1100

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 8260			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7350/41
1,2-Dichloroethane	ND(0.5)	µg/L	7350/41
Benzene	ND(0.5)	µg/L	7350/41
Carbon tetrachloride	ND(0.5)	µg/L	7350/41
Chloroform	ND(0.5)	µg/L	7350/41
Chloromethane	ND(0.5)	µg/L	7350/41
Methylene chloride	ND(0.5)	µg/L	7350/41
Tetrachloroethylene	ND(0.5)	µg/L	7350/41
Trichloroethylene	ND(0.5)	µg/L	7350/41
Vinyl chloride	ND(0.5)	µg/L	7350/41
1,2-Dichloropropane	ND(0.5)	µg/L	7350/41

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 8260	N/A	06/03/13 2315	1MS9154	1MS9154	RKR	8260B
Volatile Analysis Preparation Method						5030B

Conclusion of Lab Number: 13052614

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

HP - Regulatory preparation holding time for this analysis was exceeded.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL351	OXY Chlorinated Hyd.	L-RCRA	8121	
CL351	Hexachloroethane	L-RCRA	8121	N
CL351	Hexachlorobutadiene	L-RCRA	8121	N
MS302	OXY GC/MS Acids	L-RCRA	8270C	
MS302	3-& 4-Chlorophenol	L-RCRA	8270C	N
MS302	2,5-Dichlorophenol	L-RCRA	8270C	N
MS302	2,3,4,5-Tetrachlorophenol	L-RCRA	8270C	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL223	2,4-Dichlorophenoxyacetic Acid	130604-5	130604BLK5	130604LCS5	13052609MS
CL350	Pentachlorophenol	130604-5	130604BLK5 06/10/13 1842	130604LCS5 06/07/13 1644	13052609MS 06/10/13 2001

Lab numbers associated with this batch:
13052607 13052608 13052609 13052610 13052611 13052612 13052613

CL351	OXY Chlorinated Hyd.	130604-1	130604BLK1 06/06/13 1657	130604LCS1 06/06/13 1739	13052609MS 06/06/13 2027

Lab numbers associated with this batch:
13052607 13052607R 13052608 13052608R 13052609 13052610 13052611 13052612 13052613

CL351	OXY Chlorinated Hyd.	130614-1	130614BLK1 06/17/13 1403	130614LCS1 06/17/13 1445	

Lab numbers associated with this batch:
13052610R 13052612R

MS302	OXY GC/MS Acids	130604-3	130604BLK3 06/11/13 1828	130604LCS3 06/12/13 1446	13052609MS 06/11/13 2217

Lab numbers associated with this batch:
13052607 13052608 13052609 13052610 13052611 13052612 13052613

MS350	OXY Volatiles by 8260	1MS9154	BLK1MS9154 06/03/13 1627	LCS1MS9154 06/03/13 1601	13052199MS 06/03/13 1808

Lab numbers associated with this batch:
13052614

MS350	OXY Volatiles by 8260	1MS9155	BLK1MS9155 06/04/13 1614	LCS1MS9155 06/04/13 1523	13052609MS 06/04/13 1757

Lab numbers associated with this batch:
13052607 13052608 13052609 13052610 13052611 13052612 13052613

SL323	Hardness (Calculated)	130531-5	130531BLK5 06/03/13 2205	130531LCS5 06/03/13 2209	13052609MS 06/03/13 2354

Lab numbers associated with this batch:
13052607 13052608 13052609 13052610 13052611 13052612 13052613

GL502	Chloride	1IC2163	BLK1IC2163 06/12/13 1203	LCS1IC2163 06/12/13 1215	13060070MS 06/12/13 1914

Lab numbers associated with this batch:
13052608 13052613

GL502	Chloride	2IC2162	BLK2IC2162 06/11/13 1648	LCS2IC2162 06/11/13 1700	13052609MS 06/11/13 1817

Lab numbers associated with this batch:
13052607 13052609 13052610 13052611 13052612

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130531-5	**For samples prepared on: 05/31/2013 1001**					**Spiked sample: 13052609**						
Hardness (Calculated)	ND(5.0)	97.9	80.0-120	337	mg/L a	95.8	90.0	80.0-120	337	mg/L a	3.90	20.0
QC Batch: 130604-1	**For samples prepared on: 06/04/2013 0800**					**Spiked sample: 13052609**						
OXY Chlorinated Hyd.												
A-BHC	ND(0.011)	100.	83.9-128	0.50	µg/L	107	99.4	84.0-131	0.50	µg/L	8.00	13.0
B-BHC	ND(0.037)	96.2	83.5-129	0.50	µg/L	104	95.8	83.7-129	0.50	µg/L	9.00	13.2
G-BHC	ND(0.052)	103	83.6-128	0.50	µg/L	112	104	82.4-131	0.50	µg/L	8.30	13.2
Hexachloroethane	ND(0.02)	78.2	57.2-125	0.50	µg/L	96.6	84.2	40.1-127	0.50	µg/L	14.7	18.6
Hexachlorobutadiene	0.01 J	79.2	51.9-126	0.50	µg/L	103	85.0	37.5-125	0.50	µg/L	20.2	21.3
Hexachlorobenzene	ND(0.10)	103	74.7-127	0.50	µg/L	111	105	72.6-127	0.50	µg/L	6.60	15.4
D-BHC	ND(0.05)	112	78.7-146	0.50	µg/L	123	114	78.0-148	0.50	µg/L	8.60	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	73.9	74.1	53.9-120	8.0	µg/L	80.9	77.9	53.9-120	8.0	µg/L		
QC Batch: 130604-3	**For samples prepared on: 06/04/2013 1530**					**Spiked sample: 13052609**						
OXY GC/MS Acids												
2-Chlorophenol	ND(5.0)	82.4	73.0-97.8	50.0	µg/L	86.7	87.9	69.5-101	50.0	µg/L	0.80	11.9
3-& 4-Chlorophenol	ND(5.0)	74.1	61.2-86.6	50.0	µg/L	74.1	74.6	59.9-90.4	50.0	µg/L	0.20	11.8
2,4-Dichlorophenol	ND(5.0)	86.4	73.1-116	50.0	µg/L	89.5	95.1	72.2-118	50.0	µg/L	5.60	18.7
2,5-Dichlorophenol	ND(5.0)	87.5	72.9-112	50.0	µg/L	88.9	86.7	82.6-107	50.0	µg/L	3.10	16.2
2,6-Dichlorophenol	ND(5.0)	86.5	81.0-110	50.0	µg/L	90.1	90.0	78.8-114	50.0	µg/L	0.50	10.7
2,4,5-Trichlorophenol	ND(5.0)	89.3	79.1-115	50.0	µg/L	106	105	77.6-118	50.0	µg/L	1.50	11.7
2,4,6-Trichlorophenol	ND(5.0)	88.8	80.4-117	50.0	µg/L	95.7	100.	78.1-121	50.0	µg/L	4.10	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	95.7 CE	65.5-129	100	µg/L	102 CE	107 CE	66.2-131	100	µg/L	4.30	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	95.7 CE	64.5-131	100	µg/L	102 CE	107 CE	63.8-134	100	µg/L	4.30	13.1
Surrogates:												
PHENOL-d6	32.8	37.2	21.7-41.8	150	µg/L	44.7 SH	37.3	21.7-41.8	150	µg/L		
2-FLUOROPHENOL	50.5	54.1	36.2-67.8	150	µg/L	56.6	56.8	36.2-67.8	150	µg/L		
2,4,6-TRIBROMOPHENOL	91.5	93.9	62.3-129	150	µg/L	113	114	62.3-129	150	µg/L		
QC Batch: 130604-5	**For samples prepared on: 06/04/2013 1100**					**Spiked sample: 13052609**						
2,4-Dichlorophenoxyacetic Aci	ND(1.0)	112	77.6-131	4.0	µg/L	116	115	78.6-129	4.0	µg/L	1.80	22.4
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	106	108	70.5-128	5.0	µg/L	114	118	70.5-128	5.0	µg/L		
QC Batch: 130604-5	**For samples prepared on: 06/04/2013 1100**					**Spiked sample: 13052609**						
Pentachlorophenol	ND(0.5)	96.3	72.0-127	4.0	µg/L	83.6	85.0	13.9-147	4.0	µg/L	0.60	16.2
Surrogates:												
2,4-DICHLOROPHENYLACETIC ACID	106	108	70.5-128	5.0	µg/L	114	118	70.5-128	5.0	µg/L		
QC Batch: 130614-1	**For samples prepared on: 06/14/2013 0830**					**Spiked sample:**						
OXY Chlorinated Hyd.						MN	MN					
A-BHC	ND(0.011)	101	83.9-128	0.50	µg/L			84.0-131			**	13.0
B-BHC	ND(0.037)	93.2	83.5-129	0.50	µg/L			83.7-129			**	13.2
G-BHC	ND(0.052)	99.6	83.6-128	0.50	µg/L			82.4-131			**	13.2
Hexachloroethane	ND(0.02)	81.0	57.2-125	0.50	µg/L			40.1-127			**	18.6
Hexachlorobutadiene	ND(0.02)	81.6	51.9-126	0.50	µg/L			37.5-125			**	21.3
Hexachlorobenzene	ND(0.10)	110	74.7-127	0.50	µg/L			72.6-127			**	15.4
D-BHC	ND(0.05)	116	78.7-146	0.50	µg/L			78.0-148			**	13.7
Surrogates:												
1,4-DICHLORONAPHTHALENE	81.0	77.2	53.9-120	8.0	µg/L	MN	MN	53.9-120			**	

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1IC2163	**For sample analyzed on: 06/12/2013**					**Spiked sample: 13060070**						
Chloride	ND(1.0)	101	90.0-110	4.0	mg/L	MN	MN	74.5-127		mg/L	**	5.3
QC Batch: 1MS9154	**For sample analyzed on: 06/03/2013**					**Spiked sample: 13052199**						
OXY Volatiles by 8260						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	94.7	81.5-118	10.0	µg/L			78.1-121	10.0	µg/L	**	10.7
1,2-Dichloroethane	ND(0.5)	90.9	69.8-120	10.0	µg/L			68.0-125	10.0	µg/L	**	10.8
Benzene	ND(0.5)	95.5	82.7-115	10.0	µg/L			80.1-119	10.0	µg/L	**	6.8
Carbon tetrachloride	ND(0.5)	92.7	80.9-128	10.0	µg/L			72.6-132	10.0	µg/L	**	10.6
Chloroform	ND(0.5)	86.7	76.9-118	10.0	µg/L			73.8-122	10.0	µg/L	**	8.7
Chloromethane	ND(0.5)	104	70.6-125	10.0	µg/L			62.8-132	10.0	µg/L	**	13.5
Methylene chloride	ND(0.5)	90.7	76.1-114	10.0	µg/L			74.3-118	10.0	µg/L	**	10.5
Tetrachloroethylene	ND(0.5)	102	84.5-126	10.0	µg/L			81.2-125	10.0	µg/L	**	10.1
Trichloroethylene	ND(0.5)	95.1	82.0-113	10.0	µg/L			79.3-117	10.0	µg/L	**	8.7
Vinyl chloride	ND(0.5)	108	72.1-130	10.0	µg/L			66.9-134	10.0	µg/L	**	14.4
1,2-Dichloropropane	ND(0.5)	92.7	78.6-113	10.0	µg/L			76.4-118	10.0	µg/L	**	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	95.3	94.5	73.2-126	10.0	µg/L	MN	MN	73.2-126	10.0	µg/L	**	
TOLUENE-d8	109	110.	88.6-116	10.0	µg/L	MN	MN	88.6-116	10.0	µg/L	**	
QC Batch: 1MS9155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052609**						
OXY Volatiles by 8260												
1,1,1-Trichloroethane	ND(0.5)	94.6	81.5-118	10.0	µg/L	92.6	94.1	78.1-121	10.0	µg/L	1.60	10.7
1,2-Dichloroethane	ND(0.5)	86.7	69.8-120	10.0	µg/L	88.7	89.8	68.0-125	10.0	µg/L	1.20	10.8
Benzene	ND(0.5)	95.6	82.7-115	10.0	µg/L	94.8	98.7	80.1-119	10.0	µg/L	4.00	6.8
Carbon tetrachloride	ND(0.5)	92.5	80.9-128	10.0	µg/L	91.5	92.2	72.6-132	10.0	µg/L	0.80	10.6
Chloroform	ND(0.5)	86.1	76.9-118	10.0	µg/L	83.4	85.1	73.8-122	10.0	µg/L	2.00	8.7
Chloromethane	ND(0.5)	107	70.6-125	10.0	µg/L	109	106	62.8-132	10.0	µg/L	2.30	13.5
Methylene chloride	ND(0.5)	90.3	76.1-114	10.0	µg/L	88.6	86.7	74.3-118	10.0	µg/L	2.20	10.5
Tetrachloroethylene	ND(0.5)	101	84.5-126	10.0	µg/L	98.7	101	81.2-125	10.0	µg/L	2.60	10.1
Trichloroethylene	ND(0.5)	90.0	82.0-113	10.0	µg/L	90.9	92.7	79.3-117	10.0	µg/L	2.00	8.7
Vinyl chloride	ND(0.5)	109	72.1-130	10.0	µg/L	113	109	66.9-134	10.0	µg/L	3.80	14.4
1,2-Dichloropropane	ND(0.5)	92.2	78.6-113	10.0	µg/L	93.1	95.3	76.4-118	10.0	µg/L	2.30	9.6
Surrogates:												
1,2-DICHLOROETHANE-d4	98.2	99.6	73.2-126	10.0	µg/L	97.9	98.9	73.2-126	10.0	µg/L		
TOLUENE-d8	108	106	88.6-116	10.0	µg/L	107	107	88.6-116	10.0	µg/L		
QC Batch: 2IC2162	**For sample analyzed on: 06/11/2013**					**Spiked sample: 13052609**						
Chloride	ND(1.0)	102	90.0-110	4.0	mg/L	90.8	92.5	74.5-127	40.0	mg/L	0.60	5.3

Data Qualifiers:

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be biased high.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052607		**Sample Description:WG-05282013-JR-MW12S3**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	81.9	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	81.9	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/06/2013	8.0	µg/L	76.5	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/11/2013	150	µg/L	34.5	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/11/2013	150	µg/L	51.9	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/11/2013	150	µg/L	101	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	20	µg/L	100.	73.2-126
TOLUENE-d8		06/04/2013	20	µg/L	109	88.6-116
Lab Number: 13052607R		**Sample Description:WG-05282013-JR-MW12S3**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/07/2013	8.0	µg/L	80.6	53.9-120
Lab Number: 13052608		**Sample Description:WG-05292013-JR-MW18S1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/11/2013	5.0	µg/L	156 SI	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/11/2013	5.0	µg/L	C	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/07/2013	8.0	µg/L	C	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/12/2013	150	µg/L	22.3	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/12/2013	150	µg/L	34.1 SL	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/12/2013	150	µg/L	87.1	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	20000	µg/L	100.	73.2-126
TOLUENE-d8		06/04/2013	20000	µg/L	105	88.6-116
Lab Number: 13052608R		**Sample Description:WG-05292013-JR-MW18S1**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/07/2013	8.0	µg/L	C	53.9-120
Lab Number: 13052609		**Sample Description:WG-05292013-JR-Westar 5**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/10/2013	5.0	µg/L	111	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/10/2013	5.0	µg/L	111	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/06/2013	8.0	µg/L	77.2	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/11/2013	150	µg/L	35.4	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/11/2013	150	µg/L	54.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/11/2013	150	µg/L	102	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	95.8	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	107	88.6-116
Lab Number: 13052610		**Sample Description:WG-05292013-JR-Westar 8**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052610		**Sample Description:WG-05292013-JR-Westar 8**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	97.2	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	97.2	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/06/2013	8.0	µg/L	76.7	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/11/2013	150	µg/L	35.3	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/11/2013	150	µg/L	53.7	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/11/2013	150	µg/L	103	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	100.	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	108	88.6-116
Lab Number: 13052610R		**Sample Description:WG-05292013-JR-Westar 8**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/14/2013	06/17/2013	8.0	µg/L	103	53.9-120
Lab Number: 13052611		**Sample Description:WG-05292013-JR-Westar 21**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	99.1	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	99.1	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/06/2013	8.0	µg/L	77.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/12/2013	150	µg/L	34.6	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/12/2013	150	µg/L	53.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/12/2013	150	µg/L	102	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	101	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	110.	88.6-116
Lab Number: 13052612		**Sample Description:WG-05292013-JR-FD8**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	85.8	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	85.8	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/06/2013	8.0	µg/L	76.1	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/12/2013	150	µg/L	35.8	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/12/2013	150	µg/L	53.8	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/12/2013	150	µg/L	106	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	97.4	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	107	88.6-116
Lab Number: 13052612R		**Sample Description:WG-05292013-JR-FD8**				
Chlorinated Hydrocarbons						
1,4-DICHLORONAPHTHALENE	06/14/2013	06/17/2013	8.0	µg/L	77.3	53.9-120
Lab Number: 13052613		**Sample Description:WG-05292013-JR-Rinsate 1**				

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052613		**Sample Description:WG-05292013-JR-Rinsate 1**				
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	96.0	70.5-128
Herbicides						
2,4-DICHLOROPHENYLACETIC ACID	06/04/2013	06/07/2013	5.0	µg/L	96.0	70.5-128
OXY Chlorinated Hyd.						
1,4-DICHLORONAPHTHALENE	06/04/2013	06/07/2013	8.0	µg/L	83.0	53.9-120
OXY GC/MS Acids						
PHENOL-d6	06/04/2013	06/12/2013	150	µg/L	35.0	21.7-41.8
2-FLUOROPHENOL	06/04/2013	06/12/2013	150	µg/L	52.1	36.2-67.8
2,4,6-TRIBROMOPHENOL	06/04/2013	06/12/2013	150	µg/L	98.5	62.3-129
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/04/2013	10	µg/L	103	73.2-126
TOLUENE-d8		06/04/2013	10	µg/L	105	88.6-116
Lab Number: 13052614		**Sample Description:WG-05292013-JR-TB1**				
OXY Volatiles by 8260						
1,2-DICHLOROETHANE-d4		06/03/2013	10	µg/L	94.0	73.2-126
TOLUENE-d8		06/03/2013	10	µg/L	109	88.6-116

Data Qualifiers:
SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

SL - The surrogate recovery for this analysis was below the method or laboratory control limits. The reported sample concentration may be biased low.

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
2,4-Dichlorophenoxyacetic Acid	06/07/2013	6NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/07/2013	7NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/08/2013	8NX5157	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/10/2013	1NX5161	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/11/2013	2NX5161	CCV recovery acceptable for this Instrument Batch.			
2,4-Dichlorophenoxyacetic Acid	06/11/2013	3NX5161	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	6NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/07/2013	7NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/08/2013	8NX5157	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/10/2013	1NX5161	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	2NX5161	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	3NX5161	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol	06/11/2013	4NX5161	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	1EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/06/2013	2EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/07/2013	3EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/07/2013	4EX3157	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/17/2013	1EX3168	CCV recovery acceptable for this Instrument Batch.			
OXY Chlorinated Hyd.	06/17/2013	2EX3168	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/11/2013	2IC2162	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/11/2013	3IC2162	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/11/2013	4IC2162	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/12/2013	3IC2163	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/12/2013	4IC2163	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/03/2013	7IP4154	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/03/2013	8IP4154	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/04/2013	9IP4154	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	06/11/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/11/2013	2MS6162	100	123	µg/ml	123 CE CH
2,3,4,6-Tetrachlorophenol	06/11/2013	2MS6162	100	123	µg/ml	123 CE CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052607	2MS6162	WG-05282013-JR-MW12S3
13052609	2MS6162	WG-05292013-JR-Westar 5
13052610	2MS6162	WG-05292013-JR-Westar 8
13052611	2MS6162	WG-05292013-JR-Westar 21
13052612	2MS6162	WG-05292013-JR-FD8
13052613	2MS6162	WG-05292013-JR-Rinsate 1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY GC/MS Acids	06/12/2013		CCV recovery acceptable except as qualified below.			
2,3,4,5-Tetrachlorophenol	06/12/2013	1MS6163	100	120	µg/ml	120 CE

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 06/19/2013
Date Received: 05/29/2013
Continental File No: 7775
Continental Order No: 111321

2,3,4,6-Tetrachlorophenol	06/12/2013	1MS6163	100	120	µg/ml	120 CE

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052608	1MS6163	WG-05292013-JR-MW18S1

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 8260	06/03/2013	1MS9154	CCV recovery acceptable for this Instrument Batch.			
OXY Volatiles by 8260	06/04/2013	1MS9155	CCV recovery acceptable for this Instrument Batch.			

Data Qualifiers:
CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

- Laboratory Report Conclusion -

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO. 41321

COC NO.: 37959

PAGE 1 OF 1

(See Reverse Side for Instructions)

Address: 8615 W. Bryn Mawr Ave, Chicago IL

Phone: 773-380-9933 Fax: 773-380-4629

SSOW #201-402-B02-3100

Report/EDD - 06/19/13

Project No/ Phase/Task Code: 0540461	Laboratory Name: Continental Analytical	Lab Location: Salina	SSOW ID:
Project Name: Oxy Chem	Lab Contact: Cliff Barker	Lab Quote No:	Cooler No: 1
Project Location: Wichita KS			Carrier: CAS
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Raye			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	SVOCs	Pest/Herb	Hard/chloride							MS/MSD Request	Comments/ Special Instructions:
1	WG-05282013-JR-MW1253	5/28/13	1600	WG	G	5	3							8	X	X	X	X									
2	WG-05292013-JR-MW1851	5/29/13	830			5	3							8	X	X	X	X									MS1
3	WG-05292013-JR-Westar 5		925			5	3						DUP 5/29/13 24	8	X	X	X	X									MSD
4	WG-05292013-JR-Westar 8		940			5	3							8	X	X	X	X									
5	WG-05292013-JR-Westar 21		1000			5	3							8	X	X	X	X									
6	WG-05292013-JR-FD 8		00:00			5	3							8	X	X	X	X									
7	WG-05292013-JR-Rinsate 1		10:45			5	3							8	X	X	X	X									
8	WG-05292013-JR-TB 1		11:00				3							3	X												
9																											
10																											
11																											
12																											
13																											
14																											
15																											

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 59

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time		Received By	Company	Date	Time
1.	[signature]	CRA	5/29/13	1115	1.	[signature]	CAS	52913	1115
2.					2.				
3.					3.	[signature]	CAS	52913	1705

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT — ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE — Fully Executed Copy (CRA) YELLOW — Receiving Laboratory Copy PINK — Shipper GOLDENROD — Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111321

Client Name: OXY **CAS File No.:** 7775

Sample ID's in cooler: Sm Co

Western 10LA 3-250P 6VOC

Cooler 1 **of** 4 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/29/13 14:55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present / Intact / Broken Absent: ____ Seal No: NA

Seal Name: NA Seal Date: NA

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.4 Corrected Reading (°C) 0.9

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: [signature] **Date Completed:** 5-30-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111321

Client Name: OXX

CAS File No.: 775

Sample ID's in cooler: 1851 YLA 250P
MW253 YLA 250P
VOC''

Cooler 3 **of** 4 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 1585 / Client's Cooler / Box / Letter / Hand-delivered
Other:

Date/Time Cooler Received: 5/29/13 16:55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other:

Custody Seal: Present: Intact / Broken Absent: X Seal No:
Seal Name: Seal Date:
Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:

Cooler Temperature (°C): Original Reading (°C) 0.2 Corrected Reading (°C) 0.7
Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other:
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐
☐ Container label absent
☐ Chain of Custody incomplete [see detail below]
☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
☐ Date or Time sampled obtained from container label
☐ Chain of Custody missing sampler's name
☐ Chain of Custody missing matrix (sample type)
☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody
☐ Sample listed on Chain of Custody, not received
☐ Sample description on container and Chain of Custody do not agree
☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
☐ Broken or leaking containers (detail actions below)
☐ Sample container type or labeled chemical preservation inappropriate
☐ Other discrepancies:

Detail to discrepancies/comments:

Completed by: [illegible] **Date Completed:** 5-30-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111321

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

Worth 21, Rinsate 1 4LA 250P

Cooler 3 **of** 4 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3533 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/29/13 16:55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.1 Corrected Reading (°C) 0.6

Temp. By: Temp Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: hwr **Date Completed:** 5-30-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111321

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

Water 5 2LA

Water 8, FD 8 YLA 200

Cooler 4 **of** 4 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3916 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5/29/13 16:55

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: _____

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 0.3 Corrected Reading (°C) 0.8

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ No ☐ Yes **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWr **Date Completed:** 5-30-13

Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date and Time Received: 05/24/2013 1340
Continental File No.: 7775
Continental Order No.: 911268
Project ID: 054046/04207
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 11 pages for the analytical report, 1 page(s) for the chain of custody and/or analysis request, and 2 page(s) for the sample receipt form.

CAS LAB ID #	SAMPLE DESCRIPTION	SAMPLE TYPE	DATE SAMPLED
13052353	WG-05242013-JR-Builders	Liquid	5/24/2013
13052353R	WG-05242013-JR-Builders	Liquid	5/24/2013

This report was reissued on 08/08/2013 to split the order into two reports. Please replace the previous report with this revision.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Lab Number: 13052353
Sample Description: WG-05242013-JR-Builders

Date Sampled: 05/24/2013
Time Sampled: 0915

Analysis	Concentration	Units	Book/Page
OXY Cl Hydro by EPA 508			
Hexachlorobenzene	ND(0.10)	µg/L	7221/281
Hexachloroethane	ND(0.02)	µg/L	7221/281
Hexachlorobutadiene	ND(0.02)	µg/L	7221/281
A-BHC	ND(0.011)	µg/L	7221/281
B-BHC	0.306	µg/L	7221/281
G-BHC	ND(0.052)	µg/L	7221/281
D-BHC	ND(0.05)	µg/L	7221/281
2,4-D, EPA 515.1	ND(1.0)	µg/L	7370/30
Pentachlorophenol, EPA 515.1	ND(0.5)	µg/L	7370/30
OXY GC/MS Acids			
2-Chlorophenol	ND(5.0)	µg/L	7326/182
3-& 4-Chlorophenol	ND(5.0)	µg/L	7326/182
2,4-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,5-Dichlorophenol	ND(5.0)	µg/L	7326/182
2,6-Dichlorophenol	ND(5.0) QC	µg/L	7326/182
2,4,5-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,4,6-Trichlorophenol	ND(5.0)	µg/L	7326/182
2,3,4,5-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/182
2,3,4,6-Tetrachlorophenol	ND(5.0) CE QC	µg/L	7326/182
OXY Volatiles by 524.2			
1,1,1-Trichloroethane	ND(0.5)	µg/L	7348/82
1,2-Dichloroethane	ND(0.5)	µg/L	7348/82
Benzene	ND(0.5)	µg/L	7348/82
Carbon tetrachloride	OC	µg/L	7348/82
Chloroform	7.7	µg/L	7348/82
Chloromethane	ND(0.5) QC	µg/L	7348/82
Methylene chloride	ND(0.5)	µg/L	7348/82
Tetrachloroethylene	1.8	µg/L	7348/82
Trichloroethylene	1.6	µg/L	7348/82
Vinyl chloride	ND(0.5)	µg/L	7348/82
1,2-Dichloropropane	ND(0.5)	µg/L	7348/82
Hardness (Calculated)	484	mg/L as CaCO3	7157/595
Chloride	222	mg/L	7277/259

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Cl Hydro by EPA 508	05/30/13 1530	06/06/13 0104	130530-1	1EX6156	LPL	508

-Continued-

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
2,4-D, EPA 515.1	05/30/13 1700	06/04/13 0011	130530-5	2NX5154	JMM	515.1
Pentachlorophenol, EPA 51	05/30/13 1700	06/04/13 0011	130530-5	2NX5154	JMM	515.1
OXY GC/MS Acids	05/29/13 0945	06/08/13 0007	130529-2	2MS6158	BLP	8270C
OXY Volatiles by 524.2	N/A	05/28/13 2051	1MS5148	1MS5148	RKR	524.2
Hardness (Calculated)	05/31/13 1001	06/03/13 2226	130531-5	6IP4154	KMW	200.7 & SM 2340B
Chloride	N/A	06/05/13 0251	2IC2155	5IC2155	MLL	300.0
Volatile Analysis Preparation Method						524.2
Acid Preparation Method						625/3510C
508 Pesticides/PCB Preparation Method						508
Calculated as Hardness Preparation Method						200.7/6010B
515.1 Herbicides Preparation Method						515.1

Conclusion of Lab Number: 13052353

Sample Results

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Lab Number: 13052353R
Sample Description: WG-05242013-JR-Builders

Date Sampled: 05/24/2013
Time Sampled: 0915

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

Analysis	Concentration	Units	Book/Page
OXY Volatiles by 524.2			
1,1,1-Trichloroethane	ND(2)	µg/L	7348/86
1,2-Dichloroethane	ND(2)	µg/L	7348/86
Benzene	ND(2)	µg/L	7348/86
Carbon tetrachloride	131	µg/L	7348/86
Chloroform	7.3	µg/L	7348/86
Chloromethane	ND(2) QC	µg/L	7348/86
Methylene chloride	ND(2)	µg/L	7348/86
Tetrachloroethylene	ND(2)	µg/L	7348/86
Trichloroethylene	ND(2)	µg/L	7348/86
Vinyl chloride	ND(2)	µg/L	7348/86
1,2-Dichloropropane	ND(2)	µg/L	7348/86

Analysis	Date/Time Prepared	Date/Time Analyzed	QC Batch	Inst. Batch	Analyst	Method(s)
OXY Volatiles by 524.2	N/A	05/30/13 1851	1MS5150	1MS5150	RKR	524.2
Volatile Analysis Preparation Method						524.2

Conclusion of Lab Number: 13052353R

Appendix

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

ND(), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

QC - QC data qualifiers were noted. See the Quality Control Report.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

Accreditation Summary

Client: Occidental Chemical Corporation
Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at www.kdheks.gov/envlab. Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

Test	Analysis	Matrix-Regulatory Program	Method	CAS NELAP Accredited in Other Reg. Program
CL151	OXY Cl Hydro by EPA 508	L-Drinking Water	508	
CL151	Hexachloroethane	L-Drinking Water	508	N
CL151	Hexachlorobutadiene	L-Drinking Water	508	N
CL151	A-BHC	L-Drinking Water	508	N
CL151	B-BHC	L-Drinking Water	508	N
CL151	D-BHC	L-Drinking Water	508	N
MS302	OXY GC/MS Acids	L-Drinking Water	8270C	
MS302	2-Chlorophenol	L-Drinking Water	8270C	Y
MS302	3-& 4-Chlorophenol	L-Drinking Water	8270C	N
MS302	2,4-Dichlorophenol	L-Drinking Water	8270C	Y
MS302	2,5-Dichlorophenol	L-Drinking Water	8270C	N
MS302	2,6-Dichlorophenol	L-Drinking Water	8270C	Y
MS302	2,4,5-Trichlorophenol	L-Drinking Water	8270C	Y
MS302	2,4,6-Trichlorophenol	L-Drinking Water	8270C	Y
MS302	2,3,4,5-Tetrachlorophenol	L-Drinking Water	8270C	N
MS302	2,3,4,6-Tetrachlorophenol	L-Drinking Water	8270C	Y
MS519	OXY Volatiles by 524.2	L-Drinking Water	524.2	
MS519	Chloromethane	L-Drinking Water	524.2	N

Quality Control Report
Batch Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Test	Testname	QC Batch	Method Blank Date/Time Analyzed	LCS Date/Time Analyzed	MS Lab No. Date/Time Analyzed
CL151	OXY Cl Hydro by EPA 508	130530-1	130530BLK1 06/05/13 1928	130530LCS1 06/05/13 2134	13052355MS 06/05/13 2258
Lab numbers associated with this batch: 13052353					
CL237	2,4-D, EPA 515.1	130530-5	130530BLK5	130530LCS5	13052355MS
CL276	Pentachlorophenol, EPA 515.1	130530-5	130530BLK5 06/03/13 1501	130530LCS5 06/03/13 1541	13052355MS 06/04/13 0208
Lab numbers associated with this batch: 13052353					
MS302	OXY GC/MS Acids	130529-2	130529BLK2 06/07/13 0923	130529LCS2 06/07/13 1008	13052355MS 06/08/13 0224
Lab numbers associated with this batch: 13052353					
MS519	OXY Volatiles by 524.2	1MS5148	BLK1MS5148 05/28/13 1330	LCS1MS5148 05/28/13 1239	13052355MS 05/28/13 2208
Lab numbers associated with this batch: 13052353					
MS519	OXY Volatiles by 524.2	1MS5150	BLK1MS5150 05/30/13 1024	LCS1MS5150 05/30/13 0958	
Lab numbers associated with this batch: 13052353R					
SL323	Hardness (Calculated)	130531-5	130531BLK5 06/03/13 2205	130531LCS5 06/03/13 2209	13052609MS 06/03/13 2354
Lab numbers associated with this batch: 13052353					
GL502	Chloride	2IC2155	BLK2IC2155 06/04/13 2211	LCS2IC2155 06/04/13 2224	13052355MS 06/05/13 0329
Lab numbers associated with this batch: 13052353					

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 130529-2	**For samples prepared on: 05/29/2013 0945**					**Spiked sample: 13052355**						
OXY GC/MS Acids						MN	MN					
2-Chlorophenol	ND(5.0)	93.3	73.0-97.8	50.0	µg/L			69.5-101	50.0	µg/L	**	11.9
3-& 4-Chlorophenol	ND(5.0)	80.0	61.2-86.6	50.0	µg/L			59.9-90.4	50.0	µg/L	**	11.8
2,4-Dichlorophenol	ND(5.0)	98.1	73.1-116	50.0	µg/L			72.2-118	50.0	µg/L	**	18.7
2,5-Dichlorophenol	ND(5.0)	93.2	72.9-112	50.0	µg/L			82.6-107	50.0	µg/L	**	16.2
2,6-Dichlorophenol	ND(5.0)	93.6	81.0-110	50.0	µg/L			78.8-114	50.0	µg/L	**	10.7
2,4,5-Trichlorophenol	ND(5.0)	109	79.1-115	50.0	µg/L			77.6-118	50.0	µg/L	**	11.7
2,4,6-Trichlorophenol	ND(5.0)	104	80.4-117	50.0	µg/L			78.1-121	50.0	µg/L	**	10.8
2,3,4,5-Tetrachlorophenol	ND(5.0) CE	117 CE	65.5-129	100	µg/L			66.2-131	100	µg/L	**	16.6
2,3,4,6-Tetrachlorophenol	ND(5.0) CE	117 CE	64.5-131	100	µg/L			63.8-134	100	µg/L	**	13.1
Surrogates:												
PHENOL-d6	35.5	40.4	21.7-41.8	150	µg/L	MN	MN	21.7-41.8	150	µg/L	**	
2-FLUOROPHENOL	53.3	62.2	36.2-67.8	150	µg/L	MN	MN	36.2-67.8	150	µg/L	**	
2,4,6-TRIBROMOPHENOL	100.	122	62.3-129	150	µg/L	MN	MN	62.3-129	150	µg/L	**	
QC Batch: 130530-1	**For samples prepared on: 05/30/2013 1530**					**Spiked sample: 13052355**						
OXY Cl Hydro by EPA 508						MN	MN					
Hexachlorobenzene	ND(0.10)	87.0	69.0-129	0.10	µg/L			64.0-134	0.10	µg/L	**	20.0
Hexachloroethane	ND(0.02)	90.0	45.5-123	0.10	µg/L			45.5-123	0.10	µg/L	**	20.0
Hexachlorobutadiene	0.21 BK	96.5	0.10-257	0.10	µg/L			0.10-257	0.10	µg/L	**	20.0
A-BHC	ND(0.011)	92.0	62.0-122	0.10	µg/L			57.0-127	0.10	µg/L	**	20.0
B-BHC	ND(0.037)	97.0	65.0-125	0.10	µg/L			60.0-130	0.10	µg/L	**	20.0
G-BHC	ND(0.052)	92.5	59.0-119	0.10	µg/L			54.0-124	0.10	µg/L	**	20.0
D-BHC	ND(0.05)	105	72.0-132	0.10	µg/L			67.0-137	0.10	µg/L	**	20.0
Surrogates:												
1,4-DICHLORONAPHTHALENE (508)	78.6	72.7	70.0-130	4.0	µg/L	MN	MN	70.0-130	4.0	µg/L	**	
QC Batch: 130530-5	**For samples prepared on: 05/30/2013 1700**					**Spiked sample: 13052355**						
2,4-D, EPA 515.1	ND(1.0)	90.8	70.0-130	5.0	µg/L	MN	MN	65.0-135	5.0	µg/L	**	20.0
Surrogates:												
2,4-DCPAA (515.1)	91.1	87.7	70.0-130	5.0	µg/L	MN	MN	70.0-130	5.0	µg/L	**	
QC Batch: 130530-5	**For samples prepared on: 05/30/2013 1700**					**Spiked sample: 13052355**						
Pentachlorophenol, EPA 515.1	ND(0.5)	86.0	70.0-130	5.0	µg/L	MN	MN	65.0-135	5.0	µg/L	**	20.0
Surrogates:												
2,4-DCPAA (515.1)	91.1	87.7	70.0-130	5.0	µg/L	MN	MN	70.0-130	5.0	µg/L	**	
QC Batch: 130531-5	**For samples prepared on: 05/31/2013 1001**					**Spiked sample: 13052609**						
Hardness (Calculated)	ND(5.0)	97.9	80.0-120	337	mg/L a	MN	MN	80.0-120	337	mg/L a	**	20.0
QC Batch: 1MS5148	**For sample analyzed on: 05/28/2013**					**Spiked sample: 13052355**						
OXY Volatiles by 524.2						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	105	70.0-130	10.0	µg/L			78.1-121	10.0	µg/L	**	10.7
1,2-Dichloroethane	ND(0.5)	106	70.0-130	10.0	µg/L			68.0-125	10.0	µg/L	**	10.8
Benzene	ND(0.5)	104	70.0-130	10.0	µg/L			80.1-119	10.0	µg/L	**	6.8
Carbon tetrachloride	ND(0.5)	109	70.0-130	10.0	µg/L			72.6-132	10.0	µg/L	**	10.6
Chloroform	ND(0.5)	96.3	70.0-130	10.0	µg/L			73.8-122	10.0	µg/L	**	8.7
Chloromethane	ND(0.5)	139 LH	70.0-130	10.0	µg/L			62.8-132	10.0	µg/L	**	13.5
Methylene chloride	ND(0.5)	91.7	70.0-130	10.0	µg/L			74.3-118	10.0	µg/L	**	10.5
Tetrachloroethylene	ND(0.5)	104	70.0-130	10.0	µg/L			81.2-125	10.0	µg/L	**	10.1
Trichloroethylene	ND(0.5)	103	70.0-130	10.0	µg/L			79.3-117	10.0	µg/L	**	8.7
Vinyl chloride	ND(0.5)	102	70.0-130	10.0	µg/L			66.9-134	10.0	µg/L	**	14.4

Quality Control Report
Method Blank, LCS, MS/MSD Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Analysis	Blank Data	% Rec LCS	Limits	Spike Level	Units	Spiked Sample (% Recovery) MS	MSD	Limits	Spike Level	Units	Spiked Sample Precision Data RPD	Limit
QC Batch: 1MS5148	**For sample analyzed on: 05/28/2013**					**Spiked sample: 13052355**						
1,2-Dichloropropane	ND(0.5)	96.5	70.0-130	10.0	µg/L			76.4-118	10.0	µg/L	**	9.6
Surrogates:												
1,2-DCA-d4 (524.2)	97.6	102	70.0-130	10.0	µg/L	MN	MN	70.0-130	10.0	µg/L	**	
TOLUENE-d8 (524.2)	104	109	70.0-130	10.0	µg/L	MN	MN	70.0-130	10.0	µg/L	**	
QC Batch: 1MS5150	**For sample analyzed on: 05/30/2013**					**Spiked sample:**						
OXY Volatiles by 524.2						MN	MN					
1,1,1-Trichloroethane	ND(0.5)	108	70.0-130	10.0	µg/L			78.1-121			**	10.7
1,2-Dichloroethane	ND(0.5)	95.6	70.0-130	10.0	µg/L			68.0-125			**	10.8
Benzene	ND(0.5)	103	70.0-130	10.0	µg/L			80.1-119			**	6.8
Carbon tetrachloride	ND(0.5)	105	70.0-130	10.0	µg/L			72.6-132			**	10.6
Chloroform	ND(0.5)	96.8	70.0-130	10.0	µg/L			73.8-122			**	8.7
Chloromethane	ND(0.5)	154 LH	70.0-130	10.0	µg/L			62.8-132			**	13.5
Methylene chloride	ND(0.5)	91.9	70.0-130	10.0	µg/L			74.3-118			**	10.5
Tetrachloroethylene	ND(0.5)	106	70.0-130	10.0	µg/L			81.2-125			**	10.1
Trichloroethylene	ND(0.5)	110.	70.0-130	10.0	µg/L			79.3-117			**	8.7
Vinyl chloride	ND(0.5)	115	70.0-130	10.0	µg/L			66.9-134			**	14.4
1,2-Dichloropropane	ND(0.5)	106	70.0-130	10.0	µg/L			76.4-118			**	9.6
Surrogates:												
1,2-DCA-d4 (524.2)	92.8	94.2	70.0-130	10.0	µg/L	MN	MN	70.0-130			**	
TOLUENE-d8 (524.2)	101	105	70.0-130	10.0	µg/L	MN	MN	70.0-130			**	
QC Batch: 2IC2155	**For sample analyzed on: 06/04/2013**					**Spiked sample: 13052355**						
Chloride	ND(1.0)	95.1	90.0-110	4.0	mg/L	MN	MN	74.5-127		mg/L	**	5.3

Data Qualifiers:

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

BK - This analyte did not meet method blank criteria. The associated sample results may be estimated.

LH - The Laboratory Control Sample (LCS) recovery for this analyte was above the method or laboratory quality control limit. The reported sample concentration may be biased high.

** - RPD cannot be calculated.

Quality Control Report
Sample Surrogate Data

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Surrogate	Date Prepared	Date Analyzed	Spike Level	Units	% Recovery	Acceptable % Limits
Lab Number: 13052353		**Sample Description: WG-05242013-JR-Builders**				
OXY Cl Hydro by EPA 508						
1,4-DICHLORONAPHTHALENE (508)	05/30/2013	06/06/2013	4.0	µg/L	84.4	70.0-130
515.1 Herbicides						
2,4-DCPAA (515.1)	05/30/2013	06/04/2013	5.0	µg/L	89.6	70.0-130
515.1 Herbicides						
2,4-DCPAA (515.1)	05/30/2013	06/04/2013	5.0	µg/L	89.6	70.0-130
OXY GC/MS Acids						
PHENOL-d6	05/29/2013	06/08/2013	150	µg/L	32.6	21.7-41.8
2-FLUOROPHENOL	05/29/2013	06/08/2013	150	µg/L	51.6	36.2-67.8
2,4,6-TRIBROMOPHENOL	05/29/2013	06/08/2013	150	µg/L	108	62.3-129
OXY Volatiles by 524.2						
1,2-DCA-d4 (524.2)		05/28/2013	10	µg/L	110.	70.0-130
TOLUENE-d8 (524.2)		05/28/2013	10	µg/L	102	70.0-130
Lab Number: 13052353R		**Sample Description: WG-05242013-JR-Builders**				
OXY Volatiles by 524.2						
1,2-DCA-d4 (524.2)		05/30/2013	40	µg/L	97.6	70.0-130
TOLUENE-d8 (524.2)		05/30/2013	40	µg/L	97.1	70.0-130

Quality Control Report
Continuing Calibration Summary

Client: Occidental Chemical Corporation
Attn: Lisa Blair
P.O. Box 12283
Wichita, KS 67277

Date Reported: 08/08/2013
Date Received: 05/24/2013
Continental File No: 7775
Continental Order No: 911268

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Cl Hydro by EPA 508	06/05/2013	1EX6156	CCV recovery acceptable for this Instrument Batch.			
OXY Cl Hydro by EPA 508	06/06/2013	2EX6156	CCV recovery acceptable for this Instrument Batch.			
2,4-D, EPA 515.1	06/03/2013	2NX5154	CCV recovery acceptable for this Instrument Batch.			
2,4-D, EPA 515.1	06/04/2013	3NX5154	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol, EPA 515.1	06/03/2013	2NX5154	CCV recovery acceptable for this Instrument Batch.			
Pentachlorophenol, EPA 515.1	06/04/2013	3NX5154	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/05/2013	5IC2155	CCV recovery acceptable for this Instrument Batch.			
Chloride	06/05/2013	6IC2155	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/03/2013	6IP4154	CCV recovery acceptable for this Instrument Batch.			
Hardness (Calculated)	06/03/2013	7IP4154	CCV recovery acceptable for this Instrument Batch.			
OXY GC/MS Acids	06/07/2013		CCV recovery acceptable except as qualified below.			
2,6-Dichlorophenol	06/07/2013	2MS6158	50.0	61.0	µg/ml	122 CH
2,3,4,5-Tetrachlorophenol	06/07/2013	2MS6158	100	121	µg/ml	121 CE CH
2,3,4,6-Tetrachlorophenol	06/07/2013	2MS6158	100	121	µg/ml	121 CE CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052353	2MS6158	WG-05242013-JR-Builders

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 524.2	05/28/2013		CCV recovery acceptable except as qualified below.			
Chloromethane	05/28/2013	1MS5148	10.0	13.9	µg/L	139 CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052353	1MS5148	WG-05242013-JR-Builders

Analysis	Date of Analysis	Instrument Batch ID	Amount in Standard	Amount Detected	Units	Percent Recovery
OXY Volatiles by 524.2	05/30/2013		CCV recovery acceptable except as qualified below.			
Chloromethane	05/30/2013	1MS5150	10.0	15.4	µg/L	154 CH

Samples associated with this Continuing Calibration Verification:

Laboratory Number	Instrument Batch	Sample Description
13052353R	1MS5150	WG-05242013-JR-Builders

Data Qualifiers:
CH - The continuing calibration verification (CCV) standard recovery for this analyte was above the method or SOP limit. The reported concentration for this analyte may be biased high.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

CAS ORDER NO. 37914

Address: 8615 W. Bryn Mawr Ave, Chicago IL

Phone: 773-380-9933 Fax: 773-380-4629

SSOW: 251-402-D02-3100 Report/EDD: June 14

111268 PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 054046/04207	Laboratory Name: CAS	Lab Location: Salina, KS	SSOW ID:
Project Name: Oxy Chem	Lab Contact: Cliff Barker	Lab Quote No:	Cooler No:
Project Location: Wichita, KS			Carrier:
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): Jeremy Raye, Andrew Krein			Date Shipped:

#	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs-EPA M.5	SVOCs	Herbicide/Pestic	Chloride/Hardness							Edit Sample Request	Comments/ Instructions
1	WG-05242013-JR-Builders	5/24/13	0915	GW	G	5	3							8	X	X	X	X								
2	WG-05242013-JR-Smarsh		0945			5	3							8	X	X	X	X								
3	WG-05242013-JR-Hill		1005			15	9							24	X	X	X	X								MS/MSD
4	TB-05242013		1100				3							3	X	X	X	X								
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 43

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [signature]	CRA	5/24/13	12:00	1. [signature]	CAS	5.24.13	1200
2. [signature]	CAS	5/24/13	13:40	2. [signature]	CAS	5-24-13	13:40
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 11268

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

Hill 101A 3-2508

VOC's

Cooler 1 **of** 2 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 1955 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 24 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / Other: DB

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 2.2 Corrected Reading (°C) 2.7

Temp. By: Temp. Blank Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 525 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

☐ Chain of Custody not present - information taken from:
Cover Letter ☐ Container ☐
PO ☐ CAS Proj. Mgr. ☐

☐ Container label absent

☐ Chain of Custody incomplete [see detail below]

☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)

☐ Date or Time sampled obtained from container label

☐ Chain of Custody missing sampler's name

☐ Chain of Custody missing matrix (sample type)

☐ Missing relinquished information: signature date time

☐ Sample excluded from Chain of Custody

☐ Sample listed on Chain of Custody, not received

☐ Sample description on container and Chain of Custody do not agree

☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

☐ Broken or leaking containers (detail actions below)

☐ Sample container type or labeled chemical preservation inappropriate

☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWR **Date Completed:** 5-24-13

Continental Analytical Services, Inc.
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 111268

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: See COC

Smouch, Builders 4LA 250P

Hill 2LA

Cooler 2 **of** 2 **for this CAS Order No.**

Cooler Identification: CAS Cooler #: 3910 / Client's Cooler / Box / Letter / Hand-delivered
Other: _____

Date/Time Cooler Received: 5 / 24 / 13 13 : 40

Delivered By: UPS / FedX / AB Express / Field Svcs / Mail / Walk-In / (Other) DB

Custody Seal: Present: Intact / Broken Absent: X Seal No: _____

Seal Name: _____ Seal Date: _____

Seal matches Chain of Custody: Yes / No / (N/A)

Type of Packing Material: Blue Ice / (Ice) / Melted Ice / (Bubble) / Foam / Paper / Peanuts / Vermiculite / None / Other: _____

Cooler Temperature (°C): Original Reading (°C) 3.3 Corrected Reading (°C) 3.8

Temp. By: (Temp. Blank) Cooler Surface: Glass / Plastic /Metal /Other: _____

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.5

☐ Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: ☒ **No** ☐ **Yes** **(See below for discrepancies.)**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- ☐ Chain of Custody not present - information taken from:
  - Cover Letter ☐ Container ☐
  - PO ☐ CAS Proj. Mgr. ☐
- ☐ Container label absent
- ☐ Chain of Custody incomplete [see detail below]
- ☐ Chain of Custody missing date/time sampled (excl. TB or Dup.)
- ☐ Date or Time sampled obtained from container label
- ☐ Chain of Custody missing sampler's name
- ☐ Chain of Custody missing matrix (sample type)
- ☐ Missing relinquished information: signature date time
- ☐ Sample excluded from Chain of Custody
- ☐ Sample listed on Chain of Custody, not received
- ☐ Sample description on container and Chain of Custody do not agree
- ☐ Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- ☐ Cooler temperature exceeded 0.1 - 6.0 °C requirement [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- ☐ Broken or leaking containers (detail actions below)
- ☐ Sample container type or labeled chemical preservation inappropriate
- ☐ Other discrepancies: _____

Detail to discrepancies/comments:

Completed by: MWP **Date Completed:** 5-24-13

APPENDIX C

DATA QUALITY ASSESSMENT AND VALIDATION REPORT

CONESTOGA-ROVERS
& ASSOCIATES

E-Mail Date: August 9, 2013
E-Mail To: Bruce Clegg, Walt Pochron, John Hargens, Mike Keppel
E-Mail and Hard Copy if Requested

ANALYTICAL DATA ASSESSMENT AND VALIDATION
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

PREPARED BY:
CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: 716-297-6150 Fax: 716-297-2265
Contact: Paul McMahon [adh]
Date: July 29, 2013
Revised August 9, 2013
www.CRAworld.com

TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1

2.0 SAMPLE HOLDING TIMES 1

3.0 SURROGATE SPIKE RECOVERIES - ORGANICS 2

4.0 METHOD BLANK ANALYSES 2

5.0 LABORATORY CONTROL SAMPLE (LCS) ANALYSES 2

6.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES 3

7.0 FIELD QA/QC 3
- 7.1 TRIP BLANK ANALYSES 3
- 7.2 FIELD DUPLICATE ANALYSES 3

8.0 CONCLUSION 3

LIST OF TABLES
(Following Text)

TABLE 1 SAMPLE COLLECTION AND ANALYSIS SUMMARY

TABLE 2 SUMMARY OF ANALYTICAL METHODS

TABLE 3 ANALYTICAL RESULTS SUMMARY

TABLE 4 QUALIFIED SAMPLE RESULTS DUE TO OUTLYING SURROGATE RECOVERIES

TABLE 5 QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS

TABLE 6 QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RECOVERIES

TABLE 7 QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TABLE 8 QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS

1.0 INTRODUCTION

The following document details an assessment and validation of analytical results reported by Continental Analytical Services (CAS) in Salina, Kansas for water samples collected in support of the Semi-annual Groundwater Sampling Program at the Occidental Chemical Corporation (OCC) Site in Wichita, Kansas (Site). The samples were collected during May and July 2013.

A sample collection and analysis summary is presented in Table 1. A summary of the analytical methods is presented in Table 2. A summary of the analytical data is presented in Table 3. The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods and the documents entitled:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review," USEPA 540/R-94/013, February 1994

iii) "Quality Assurance Project Plan, Facility-related Investigative Activities, RCRA Corrective Action Program," Occidental Chemical Corporation, Wichita, Kansas, EPA ID No. KSD007482029, June 2009

A standard laboratory data package was provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results and supporting QA/QC results provided. Data assessment was based on information obtained from final data sheets, method blank data, surrogate recoveries, laboratory control sample/matrix spike recoveries, and field QA/QC samples.

2.0 SAMPLE HOLDING TIMES

The holding time periods are presented in the analytical methods. All samples were prepared and analyzed within the method required holding times.

All samples were properly preserved and cooled after collection.

3.0 SURROGATE SPIKE RECOVERIES - ORGANICS

In accordance with the methods employed, all samples, blanks, and standards analyzed for volatile organic compounds (VOCs), chlorinated hydrocarbons, chlorinated phenols, and pentachlorophenol/2,4-D were spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of individual sample matrices on analytical efficiency and are assessed against laboratory control limits.

Surrogate recoveries were within the laboratory specified control limits, demonstrating good analytical efficiency with the exception of several low and high semi-volatile organic compound (SVOC) recoveries. The associated sample results were qualified as estimated (see Table 4). One sample had extremely low recoveries and the detected results were qualified as estimated. The non-detect results were rejected (see Table 4).

4.0 METHOD BLANK ANALYSES

The purpose of assessing the results of method blank analyses is to determine the existence and magnitude of sample contamination introduced during analysis. Method blanks are prepared from an analyte free matrix and analyzed as samples.

For this study, method blanks were analyzed at a minimum frequency of one per analytical batch. All reported results were non-detect, with the exception of hexachlorobutadiene and hexachloroethane. The associated detected sample results were qualified as non-detect (see Table 5).

5.0 LABORATORY CONTROL SAMPLE (LCS) ANALYSES

LCS are prepared and analyzed to assess the analytical efficiency of the methods employed, independent of sample matrix effects. LCS were prepared and analyzed for all applicable parameters. The reported results were acceptable for all analytes, demonstrating good laboratory accuracy with the exception of a high 2-chlorophenol recovery. The associated detected sample results were qualified as estimated (see Table 6).

6.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the preparation, measurement procedures, and accuracy of all of the parameters, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. The laboratory prepared spike samples in duplicate to assess analytical precision. For organic analyses, the laboratory established the MS/MSD control limits internally. For the inorganic analyses, the control limits used are 75 to 125 percent. Per the "Guidelines," qualification of data is not required if the sample results exceed four times the spike concentration added.

MS/MSD analyses were acceptable demonstrating acceptable analytical accuracy and precision with the exception of a high recovery and relative percent difference (RPD) for chloride. The associated detected sample results were qualified as estimated (see Table 7).

7.0 FIELD QA/QC

7.1 TRIP BLANK ANALYSES

Trip blank samples were submitted for VOC analysis. Some of the trip blanks were not assessed as they were from an extremely old lot of bottles and appeared to be contaminated. They were not the trip blanks sent with the bottles associated with this event. The remaining trip blanks had some positive results. The associated sample results with concentrations similar to those found in the trip blanks were qualified non-detect (see Table 8).

7.2 FIELD DUPLICATE ANALYSES

To assess the analytical and sampling precision, seven field duplicate samples were collected and submitted "blind" to the laboratory, as indicated in Table 1. All results were comparable, demonstrating good field and laboratory precision.

8.0 CONCLUSION

Based on the assessment detailed in the foregoing, the data produced by CAS are acceptable with the qualifications and exceptions noted.

TABLES

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

				Analysis/Parameters						
Location I.D.	*Sample I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCS*	*Chlorinated Phenols*	*Chlorinated Hydrocarbons*	*Pentachlorophenol & 2,4-D*	*Hardness*	*Chloride*	*Comments*
AMW1	WG-05092013-MC-AMW1	5/9/2013	10:50	X	X	X	X	X	X	
AMW101D	WG-05162013-MC-AMW101D	5/16/2013	8:45	X	X	X	X	X	X	
AMW101I	WG-05162013-MC-AMW101I	5/16/2013	9:30	X	X	X	X	X	X	
AMW101S	WG-05162013-MC-AMW101S	5/16/2013	9:52	X	X	X	X	X	X	
AMW102D	WG-05092013-MC-AMW102D	5/9/2013	12:40	X	X	X	X	X	X	
AMW102S	WG-05092013-MC-AMW102S	5/7/2013	13:00	X	X	X	X	X	X	
AMW104	WG-05142013-MDC-AMW104	5/14/2013	16:00	X	X	X	X	X	X	
AMW105D	WG-05132012-MDC-AMW105D	5/13/2013	13:45	X	X	X	X	X	X	
AMW105S	WG-05132013-MDC-AMW105S	5/13/2013	14:25	X	X	X	X	X	X	
AMW107D	WG-05162013-MC-AMW107D	5/16/2013	13:15	X	X	X	X	X	X	
AMW107S	WG-05162013-MC-AMW107S	5/16/2013	13:55	X	X	X	X	X	X	
AMW108D	WG-05152013-MDC-AMW108D	5/15/2013	8:55	X	X	X	X	X	X	
AMW108S	WG-05152013-MDC-AMW108S	5/15/2013	9:30	X	X	X	X	X	X	
AMW16D	WG-05142013-MDC-AMW16D	5/14/2013	10:15	X	X	X	X	X	X	
AMW16S	WG-05142013-MDC-AMW16S	5/14/2013	9:35	X	X	X	X	X	X	
AMW3	WG-05132013-MDC-AMW3	5/13/2013	16:30	X	X	X	X	X	X	
AMW4D	WG-05142013-MDC-AMW4D	5/14/2013	10:50	X	X	X	X	X	X	
AMW4S	WG-05142013-MDC-AMW4S	5/14/2013	11:15	X	X	X	X	X	X	
AMW5D	WG-05162013-MC-AMW5D	5/16/2013	11:15	X	X	X	X	X	X	
AMW5S	WG-05162013-MC-AMW5S	5/16/2013	10:45	X	X	X	X	X	X	
AMW8D	WG-05142013-MDC-AMW8D	5/14/2013	14:40	X	X	X	X	X	X	
AMW8S	WG-05142013-MDC-AMW8S	5/14/2013	15:15	X	X	X	X	X	X	
Builders	WG-05242013-JR-Builders	5/24/2013	9:15	X	X	X	X	X	X	
IW29	WG-05162013-MC-IW29	5/16/2013	16:30	X	X	X	X	X	X	
IW30	WG-05172013-MC-IW30	5/17/2013	10:10	X	X	X	X	X	X	
IW31	WG-05172013-MC-IW31	5/17/2013	9:50	X	X	X	X	X	X	
IW32	WG-05172013-MC-IW32	5/17/2013	9:30	X	X	X	X	X	X	
IW35A	WG-05172013-MC-IW35A	5/17/2013	7:30	X	X	X	X	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

				Analysis/Parameters						
Location I.D.	*Sample I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCS*	*Chlorinated Phenols*	*Chlorinated Hydrocarbons*	*Pentachlorophenol & 2,4-D*	*Hardness*	*Chloride*	*Comments*
IW35B	WG-05172013-MC-IW35B	5/17/2013	7:45	X	X	X	X	X	X	
IW36	WG-05172013-MC-IW36	5/17/2013	21:15	X	X	X	X	X	X	
IW40	WG-05152013-MDC-IW40	5/15/2013	15:50	X	X	X	X	X	X	MS/MSD
IW41	WG-05092013-MC-IW41	5/9/2013	13:45	X	X	X	X	X	X	MS/MSD
IW42	WG-05162013-MC-IW42	5/16/2013	16:00	X	X	X	X	X	X	
IW43	WG-05172013-MC-IW43	5/17/2013	8:45	X	X	X	X	X	X	MS/MSD
IW44	WG-05172013-MC-IW44	5/17/2013	8:20	X	X	X	X	X	X	
MW02S1	WG-05232013-JR-MW02S1	5/23/2013	11:30	X	X	X	X	X	X	
MW02S2	WG-05232013-JR-MW02S2	5/23/2013	10:50	X	X	X	X	X	X	
MW03S1	WG-05212013-JR-MW03S1	5/21/2013	9:10	X	X	X	X	X	X	MS/MSD
MW04S1	WG-05092013-JR-MW04S1	5/9/2013	11:05	X	X	X	X	X	X	
MW04S3	WG-05092013-JR-MW04S3	5/9/2013	9:40	X	X	X	X	X	X	MS/MSD
MW05S3	WG-05142013-JR-MW05S3	5/14/2013	16:00	X	X	X	X	X	X	
MW05S4	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW06BR	WG-05162013-JR-MW06BR	5/17/2013	8:30	X	X	X	X	X	X	
MW06S1	WG-05162013-JR-MW06S1	5/16/2013	16:00	X	X	X	X	X	X	
MW06S3	WG-05162013-JR-MW06S3	5/16/2013	15:15	X	X	X	X	X	X	
MW07S1	WG-05152013-MDC-MW07S1	5/15/2013	10:35	X	X	X	X	X	X	
MW07S2	WG-05152013-MDC-MW07S2	5/15/2013	11:30	X	X	X	X	X	X	
MW07S3	WG-05152013-MDC-MW07S3	5/15/2013	12:30	X	X	X	X	X	X	
MW08S1	WG-05142013-JR-MW08S1	5/14/2013	14:20	X	X	X	X	X	X	
MW08S2	WG-05142013-JR-MW08S2	5/14/2013	13:30	X	X	X	X	X	X	
MW08S3	WG-05142013-JR-MW08S3	5/14/2013	14:55	X	X	X	X	X	X	
MW08S4	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW09S1	WG-05142013-MDC-MW09S1	5/14/2013	13:45	X	X	X	X	X	X	
MW09S3	WG-05142013-MDC-MW09S3	5/14/2013	8:45	X	X	X	X	X	X	
MW09S4	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW10S1	WG-0516-2013-JR-MW10S1	5/16/2013	10:15	X	X	X	X	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

				Analysis/Parameters						
Location I.D.	*Sample I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCS*	*Chlorinated Phenols*	*Chlorinated Hydrocarbons*	*Pentachlorophenol & 2,4-D*	*Hardness*	*Chloride*	*Comments*
MW10S2	WG-05162013-JR-MW10S2	5/16/2013	9:10	X	X	X	X	X	X	
MW10S3	WG-05162013-JR-MW10S3	5/16/2013	11:00	X	X	X	X	X	X	
MW113S3	WG-05222013-DH-MW113S3	5/22/2013	10:30	X	X	X	X	X	X	
MW114S1	WG-05222013-DH-MW114S1	5/22/2013	9:20	X	X	X	X	X	X	
MW11S1	WG-05142013-JR-MW11S1	5/14/2013	9:45	X	X	X	X	X	X	
MW11S3A	WG-05142013-JR-MW11S3A	5/14/2013	9:05	X	X	X	X	X	X	
MW12S1A	WG-05202013-DH-MW12S1A	5/20/2013	14:16	X	X	X	X	X	X	
MW12S3	WG-05282013-JR-MW12S3	5/28/2013	16:00	X	X	X	X	X	X	
MW130S1	WG-05132013-JR-MW130S1	5/13/2013	15:25	X	X	X	X	X	X	
MW130S2	WG-05132013-JRMW130S2	5/13/2013	14:45	X	X	X	X	X	X	
MW130S3	WG-05132013-JR-MW130S3	5/13/2013	14:05	X	X	X	X	X	X	
MW131S2	WG-05092013-JR-MW131S2	5/9/2013	13:15	X	X	X	X	X	X	
MW131S3	WG-05092013-JR-MW131S3	5/9/2013	12:15	X	X	X	X	X	X	
MW132S1	WG-05092013-JR-MW132S1	5/9/2013	15:35	X	X	X	X	X	X	
MW132S2/S3	WG-05092013-JR-MW132S2/S3	5/9/2013	16:15	X	X	X	X	X	X	
MW133S2/S3	WG-05132013-JR-MW133S2/S3	5/13/2013	16:20	X	X	X	X	X	X	
MW134S2	WG-05082013-JR-MW134S2	5/8/2013	14:10	X	X	X	X	X	X	
MW134S3	WG-05082013-JR-MW134S3	5/8/2013	15:55	X	X	X	X	X	X	
MW135S1	WG-05072013-MC-MW135S1	5/7/2013	13:55	X	X	X	X	X	X	
MW135S2/S3	WG-05072013-JR-MW135S2/S3	5/7/2013	14:25	X	X	X	X	X	X	
MW136S2/S3	WG-05072013-MC-MW136S2/S3	5/7/2013	15:40	X	X	X	X	X	X	
MW137S1	WG-05092013-MC-MW137S1	5/9/2013	8:45	X	X	X	X	X	X	
MW137S2	WG-05082013-MC-MW137S2	5/8/2013	15:30	X	X	X	X	X	X	
MW137S3	WG-05082013-MC-MW137S3	5/8/2013	14:40	X	X	X	X	X	X	
MW138S1	WG-05082013-MC-MW138S1	5/8/2013	11:45	X	X	X	X	X	X	
MW138S2/S3	WG-05082013-MC-MW138S2/S3	5/8/2013	11:10	X	X	X	X	X	X	Field Duplicate of WG-05082013-MC-FD1
MW139S2/S3	WG-05072013-MC-MW139S2/S3	5/7/2013	16:25	X	X	X	X	X	X	
MW13S1	WG-05212013-JR-MW13S1	5/21/2013	11:45	X	X	X	X	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

				Analysis/Parameters						
Location I.D.	*Sample I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCS*	*Chlorinated Phenols*	*Chlorinated Hydrocarbons*	*Pentachlorophenol & 2,4-D*	*Hardness*	*Chloride*	*Comments*
MW13S3	WG-05212013-JR-MW13S3	5/21/2013	11:00	X	X	X	X	X	X	
MW140S1	WG-05212013-DH-MW140S1	5/21/2013	14:28	X	X	X	X	X	X	
MW140S2/S3	WG-05212013-DH-MW140S2/S3	5/21/2013	15:23	X	X	X	X	X	X	
MW141S2/S3	WG-05162013-MC-MW141S2/S3	5/16/2013	15:00	X	X	X	X	X	X	
MW142S2/S3	WG-05132013-MDC-MW142S2/S3	5/13/2013	15:35	X	X	X	X	X	X	
MW143S2/S3	WG-05172013-JR-MW143S2/S3	5/17/2013	9:50	X	X	X	X	X	X	Field Duplicate of WG-05172013-JR-FD5
MW144S2/S3	WG-05072013-JR-MW144S2/S3	5/7/2013	15:25	X	X	X	X	X	X	
MW145S2/S3	WG-05072013-JR-MW145S2/S3	5/7/2013	16:25	X	X	X	X	X	X	
MW14S1	WG-052013-JR-MW14S1	5/21/2013	16:55	X	X	X	X	X	X	
MW14S3	WG-05212013-JR-MW14S3	5/21/2013	16:20	X	X	X	X	X	X	
MW15S1	WG-05212013-JR-MW15S1	5/21/2013	14:30	X	X	X	X	X	X	
MW15S2	WG-05212013-JR-MW15S2	5/21/2013	15:30	X	X	X	X	X	X	
MW15S4	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW16BR	WG-05202013-DH-MW16BR	5/20/2013	16:23	X	X	X	X	X	X	
MW16S1A	WG-05212013-DH-MW16S1A	5/21/2013	9:40	X	X	X	X	X	X	
MW16S2SS	WG-05202013-DH-MW16S2SS	5/20/2013	15:15	X	X	X	X	X	X	
MW16S4R	WG-05232013-DH-MW16S4	5/23/2013	11:20	X	X	X	X	X	X	
MW17S1	WG-05152013-JR-MW17S1	5/15/2013	9:00	X	X	X	X	X	X	
MW17S3A	WG-05152013-JR-MW17S3A	5/15/2013	11:00	X	X	X	X	X	X	
MW17S3B	WG-05152013-JR-MW17S3B	5/15/2013	9:40	X	X	X	X	X	X	
MW18S1	OBSTRUCTION IN WELL, DID NOT SAMPLE		- -							
MW18S1	WG-05292013-JR-MW18S1	5/29/2013	8:30	X	X	X	X	X	X	
MW18S3	WG-05222013-DH-MW18S3	5/22/2013	16:20	X	X	X	X	X	X	
MW18S4	DRY, DID NOT SAMPLE	- -	- -	X	X	X	X	X	X	
MW19S1	WG-05222013-DH-MW19S1	5/22/2013	15:05	X	X	X	X	X	X	
MW19S2	WG-05232013-DH-MW19S2	5/23/2013	8:45	X	X	X	X	X	X	
MW19S3	OBSTRUCTION IN WELL, DID NOT SAMPLE		- -							
MW19S4	OBSTRUCTION IN WELL, DID NOT SAMPLE		- -							

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

				Analysis/Parameters						
Location I.D.	*Sample I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCS*	*Chlorinated Phenols*	*Chlorinated Hydrocarbons*	*Pentachlorophenol & 2,4-D*	*Hardness*	*Chloride*	*Comments*
MW20S1	WG-05102013-JR-MW20S1	5/10/2013	9:00	X	X	X	X	X	X	Field Duplicate of WG-05102013-JR-FD3
MW20S3	WG-05102013-JR-MW20S3	5/10/2013	9:45	X	X	X	X	X	X	
MW21S1	WG-05082013-MC-MW21S1	5/8/2013	9:50	X	X	X	X	X	X	
MW21S3	WG-05082013-MC-MW21S3	5/8/2013	9:20	X	X	X	X	X	X	
MW21S4R	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW22S1	WG-05212013-DH-MW22S1	5/21/2013	11:45	X	X	X	X	X	X	
MW22S2	WG-05212013-DH-MW22S2	5/21/2013	10:55	X	X	X	X	X	X	
MW22S4	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW23BR	WG-05232013-JR-MW23BR	5/23/2013	9:10	X	X	X	X	X	X	Field Duplicate of WG-05232013-JR-FD6
MW24S1	WG-05222013-JR-MW24S1	5/22/2013	14:50	X	X	X	X	X	X	
MW24S3	WG-05222013-JR-MW24S3	5/22/2013	15:45	X	X	X	X	X	X	MS/MSD
MW24S4	WELL DRY, NO SAMPLE COLLECTED	- -	- -							
MW25S1	WG-05092013-MC-MW25S1	5/9/2013	9:50	X	X	X	X	X	X	Field Duplicate of WG-05092013-MC-FD2
MW26S1	WG-05152013-MDC-MW26S1	5/15/2013	14:20	X	X	X	X	X	X	
MW26S3	WG-05152013-MDC-MW26S3	5/15/2013	15:05	X	X	X	X	X	X	
MW27S1	WG-05232013-DH-MW27S1	5/23/2013	9:40	X	X	X	X	X	X	
MW27S2	WG-05232013-DH-MW27S2	5/23/2013	9:55	X	X	X	X	X	X	
MW28S1	WG-05152013-JR-MW28S1	5/15/2013	14:05	X	X	X	X	X	X	
MW28S2	WG-05152013-JR-MW28S2	5/15/2013	15:55	X	X	X	X	X	X	
MW28S3	WG-05152013-JR-MW28S3	5/15/2013	14:45	X	X	X	X	X	X	Field Duplicate of WG-05152013-JR-FD4
MW29S1	WG-05202013-JR-MW29S1	5/20/2013	15:35	X	X	X	X	X	X	
MW29S2	WG-05202013-JR-MW29S2	5/20/2013	16:20	X	X	X	X	X	X	
MW29S3	WG-05172013-JR-MW29S3	5/20/2013	14:50	X	X	X	X	X	X	
MW30S1	WG-05162013-JR-MW30S1	5/16/2013	13:15	X	X	X	X	X	X	
MW30S3	WG-05162013-JR-MW30S3	5/16/2013	14:00	X	X	X	X	X	X	
MW31S1	WG-05102013-JR-MW31S1	5/10/2013	11:10	X	X	X	X	X	X	
MW32S1	WG-05142013-JR-MW32S1	5/14/2013	11:05	X	X	X	X	X	X	
Westar 5	WG-05292013-JR-Westar 5	5/29/2013	9:25	X	X	X	X	X	X	MS/MSD

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

				Analysis/Parameters						
Location I.D.	*Sample I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCS*	*Chlorinated Phenols*	*Chlorinated Hydrocarbons*	*Pentachlorophenol & 2,4-D*	*Hardness*	*Chloride*	*Comments*
Westar 8	WG-05292013-JR-Westar 8	5/29/2013	9:40	X	X	X	X	X	X	Field Duplicate of WG-05292013-JR-FD8
Westar 21	WG-05292013-JR-Westar 21	5/29/2013	10:00	X	X	X	X	X	X	
AP2804	WG-05312013-JR-AP2804	5/31/2013	9:20	X	X	X	X	X	X	
AP2800	WG-05312013-JR-AP2800	5/31/2013	9:40	X	X	X	X	X	X	
APMW302S1	WG-07022013-JR-APMW302S1	7/2/2013	11:25	X	X	X	X	X	X	
APMW302S2	WG-07022013-JR-APMW302S2	7/2/2013	12:05	X	X	X	X	X	X	
APMW302S2	WG-07022013-JR-APMW302S2	7/2/2013	12:05			X				
APMW302S3	WG-07022013-JR-APMW302S3	7/2/2013	12:40	X	X	X	X	X	X	
TRIPBLANK	WG-07022013-JR-TB	7/2/2013	13:20	X						Trip Blank

Notes:
VOCs Volatile Organic Compounds.
MS Matrix Spike.
MSD Matrix Spike Duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Parameter	*Method*
VOCs	SW-846 8260B[1]
SVOCs	SW-846 8270C[1]
Chlorinated Hydrocarbons	SW-846 8121[1]
Herbicides	SW-846 8151A[1]
Chloride	EPA 300.0[2]
Hardness	SM 2340B[3]

Notes:

(1) "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986.

(2) "Methods for Chemical Analysis of Water and Wastes," USEPA 600/4-79-220, March 1983.

(3) "Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992.

EPA Environmental Protection Agency.

VOCs Volatile Organic Compounds.

SVOCs Semi-volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW1*	*AMW3*	*AMW4D*	*AMW4S*
Sample ID:		*WG-05092013-MC-AMW-01*	*WG-05132013-MDC-AMW3*	*WG-05142013-MDC-AMW4D*	*WG-05142013-MDC-AMW4S*
Sample Date:		*5/9/2013*	*5/13/2013*	*5/14/2013*	*5/14/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.8	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	2.1	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	7.4	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.6	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW1*	*AMW3*	*AMW4D*	*AMW4S*
Sample ID:		*WG-05092013-MC-AMW-01*	*WG-05132013-MDC-AMW3*	*WG-05142013-MDC-AMW4D*	*WG-05142013-MDC-AMW4S*
Sample Date:		*5/9/2013*	*5/13/2013*	*5/14/2013*	*5/14/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	71	123	74	148
Hardness, calculation	mgCaCO3/L	289	366	370.	463

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW5D*	*AMW5S*	*AMW8D*	*AMW8S*
Sample ID:		*WG-05162013-MC-AMW5D*	*WG-05162013-MC-AMW5S*	*WG-05142013-MDC-AMW8D*	*WG-05142013-MDC-AMW8S*
Sample Date:		*5/16/2013*	*5/16/2013*	*5/14/2013*	*5/14/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5	0.5 U	0.5 U	6.4
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	1.2	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW5D*	*AMW5S*	*AMW8D*	*AMW8S*
Sample ID:		*WG-05162013-MC-AMW5D*	*WG-05162013-MC-AMW5S*	*WG-05142013-MDC-AMW8D*	*WG-05142013-MDC-AMW8S*
Sample Date:		*5/16/2013*	*5/16/2013*	*5/14/2013*	*5/14/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	100. J	108 J	121	129
Hardness, calculation	mgCaCO3/L	439	406	426	300.

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW16D*	*AMW16S*	*AMW101D*	*AMW101I*
Sample ID:		*WG-05142013-MDC-AMW16D*	*WG-05142013-MDC-AMW16S*	*WG-05162013-MC-AMW101D*	*WG-05162013-MC-AMW101I*
Sample Date:		*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.8	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW16D*	*AMW16S*	*AMW101D*	*AMW101I*
Sample ID:		*WG-05142013-MDC-AMW16D*	*WG-05142013-MDC-AMW16S*	*WG-05162013-MC-AMW101D*	*WG-05162013-MC-AMW101I*
Sample Date:		*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	136	81	60. J	55 J
Hardness, calculation	mgCaCO3/L	460.	323	361	334

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW101S*	*AMW102D*	*AMW102S*	*AMW104*
Sample ID:		*WG-05162013-MC-AMW101S*	*WG-05092013-MC-AMW-102D*	*WG-05092013-MC-AMW-102S*	*WG-05142013-MDC-AMW104*
Sample Date:		*5/16/2013*	*5/9/2013*	*5/9/2013*	*5/14/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW101S*	*AMW102D*	*AMW102S*	*AMW104*
Sample ID:		*WG-05162013-MC-AMW101S*	*WG-05092013-MC-AMW-102D*	*WG-05092013-MC-AMW-102S*	*WG-05142013-MDC-AMW104*
Sample Date:		*5/16/2013*	*5/9/2013*	*5/9/2013*	*5/14/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	56 J	84	42	62
Hardness, calculation	mgCaCO3/L	165	328	258	275

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW105D*	*AMW105S*	*AMW107D*	*AMW107S*
Sample ID:		*WG-05132013-MDC-AMW105D*	*WG-05132013-MDC-AMW105S*	*WG-05162013-MC-AMW107D*	*WG-05162013-MC-AMW107S*
Sample Date:		*5/13/2013*	*5/13/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	1.4
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	1.5
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	1.3	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW105D*	*AMW105S*	*AMW107D*	*AMW107S*
Sample ID:		*WG-05132013-MDC-AMW105D*	*WG-05132013-MDC-AMW105S*	*WG-05162013-MC-AMW107D*	*WG-05162013-MC-AMW107S*
Sample Date:		*5/13/2013*	*5/13/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	23.1	11.6	114 J	88 J
Hardness, calculation	mgCaCO3/L	265	190.	375	429

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW108D*	*AMW108S*	*AP2800*	*AP2804*
Sample ID:		*WG-05152013-MDC-AMW108D*	*WG-05152013-MDC-AMW108S*	*WG-05312013-JR-AP2800*	*WG-05312013-JR-AP2804*
Sample Date:		*5/15/2013*	*5/15/2013*	*5/31/2013*	*5/31/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	1.4	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*AMW108D*	*AMW108S*	*AP2800*	*AP2804*
Sample ID:		*WG-05152013-MDC-AMW108D*	*WG-05152013-MDC-AMW108S*	*WG-05312013-JR-AP2800*	*WG-05312013-JR-AP2804*
Sample Date:		*5/15/2013*	*5/15/2013*	*5/31/2013*	*5/31/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	93	88	73	48
Hardness, calculation	mgCaCO3/L	415	372	329	309

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*APMW302S1*	*APMW302S2*	*APMW302S3*	*Builders Well*
Sample ID:		*WG-07022013-JR-APMW302S1*	*WG-07022013-JR-APMW302S2*	*WG-07022013-JR-APMW302S3*	*WG-05242013-JR-Builders*
Sample Date:		*7/2/2013*	*7/2/2013*	*7/2/2013*	*5/24/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	12.1	0.5 U	0.6	131
Chloroform (Trichloromethane)	µg/L	18.1	0.5 U	3.0	7.7
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	1.1	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	5.6	0.5 U	1.6	1.8
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	1.6
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	1.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	5.0 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.5 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.011 U
Hexachlorobutadiene	µg/L	0.02 U	0.10	0.02 U	0.306
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.05 U
					0.052 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*APMW302S1*	*APMW302S2*	*APMW302S3*	*Builders Well*
Sample ID:		*WG-07022013-JR-APMW302S1*	*WG-07022013-JR-APMW302S2*	*WG-07022013-JR-APMW302S3*	*WG-05242013-JR-Builders*
Sample Date:		*7/2/2013*	*7/2/2013*	*7/2/2013*	*5/24/2013*
Parameters	*Units*				
Herbicides					0.10 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	0.02 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.02 U
General Chemistry					
Chloride	mg/L	65	40.	40.	222
Hardness, calculation	mgCaCO3/L	313	326	300.	484

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*DW-5*	*DW-8*	*DW-8*	*DW-21*
Sample ID:		*WG-05292013-JR-Westar 5*	*WG-05292013-JR-Westar 8*	*WG-05292013-JR-FD8*	*WG-05292013-JR-Westar 21*
Sample Date:		*5/29/2013*	*5/29/2013*	*5/29/2013*	*5/29/2013*
				(Duplicate)	
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.06 U	0.03 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.03	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*DW-5*	*DW-8*	*DW-8*	*DW-21*
Sample ID:		*WG-05292013-JR-Westar 5*	*WG-05292013-JR-Westar 8*	*WG-05292013-JR-FD8*	*WG-05292013-JR-Westar 21*
Sample Date:		*5/29/2013*	*5/29/2013*	*5/29/2013*	*5/29/2013*
				(Duplicate)	
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	80.	37	37	92
Hardness, calculation	mgCaCO3/L	189	181	187	190.

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*IW29*	*IW30*	*IW31*	*IW32*	*IW35A*
Sample ID:		*WG-05162013-MC-IW29*	*WG-05172013-MC-IW30*	*WG-05172013-MC-IW31*	*WG-05172013-MC-IW32*	*WG-05172013-MC-IW35A*
Sample Date:		*5/16/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	22.2	500 U	50 U	5 U	2 U
1,2-Dichloroethane	µg/L	60 J	2200	490	82	2 U
1,2-Dichloropropane	µg/L	51.9	2800	230	5 U	2 U
Benzene	µg/L	10.7	500 U	1260	249	2 U
Carbon tetrachloride	µg/L	610	22000	2270	234	119
Chloroform (Trichloromethane)	µg/L	2650	28000	4410	504	106
Chloromethane (Methyl chloride)	µg/L	0.6	500 U	50 U	5 U	2 U
Methylene chloride	µg/L	390	3200	2410	63	2 U
Tetrachloroethene	µg/L	1200	9900	8800	157	29
Trichloroethene	µg/L	86.3	1100	460	51	2 U
Vinyl chloride	µg/L	2.5	500 U	50 U	5 U	2 U
Semi-volatile Organic Compounds						
2,3,4,5-Tetrachlorophenol	µg/L	5.2	149	34.7	26.6	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.2	149	34.7	26.6	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	43.6	207	115	70.0	5.0 U
2,4-Dichlorophenol	µg/L	54.5	134	189	161	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	12.5	23.1	75.7	50.2	5.0 U
2-Chlorophenol	µg/L	6.3	14.5 J	24.5 J	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	6.5	29.4	8.3	5.0 U
alpha-BHC	µg/L	0.35	3.0	26	0.768	0.016
beta-BHC	µg/L	0.74 U	9.3 U	15 U	1.49 J	0.861
delta-BHC	µg/L	1 U	10 U	45	0.42	0.05 U
gamma-BHC (lindane)	µg/L	1.0 U	13 U	48.4	0.524 J	0.052 U
Hexachlorobenzene	µg/L	2.0 U	25 U	40 U	0.40 U	0.10 U
Hexachlorobutadiene	µg/L	52.9	617 U	708 U	1.9 U	0.29
Hexachloroethane	µg/L	7.3	1070 U	827 U	11.2 U	0.17

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*IW29*	*IW30*	*IW31*	*IW32*	*IW35A*
Sample ID:		*WG-05162013-MC-IW29*	*WG-05172013-MC-IW30*	*WG-05172013-MC-IW31*	*WG-05172013-MC-IW32*	*WG-05172013-MC-IW35A*
Sample Date:		*5/16/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*	*5/17/2013*
Parameters	*Units*					
Herbicides						
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	81	240	490	32	1.0 U
Pentachlorophenol	µg/L	13	210	110	140	0.5 U
General Chemistry						
Chloride	mg/L	1150 J	5500 J	3450 J	2290 J	170 J
Hardness, calculation	mgCaCO3/L	601	655	1010	701	324

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*IW35B*	*IW36*	*IW40*	*IW41*	*IW42*
Sample ID:		*WG-05172013-MC-IW35B*	*WG-05172013-MC-IW36*	*WG-05152013-MDC-IW40*	*WG-05092013-MC-IW41*	*WG-05162013-MC-IW42*
Sample Date:		*5/17/2013*	*5/17/2013*	*5/15/2013*	*5/9/2013*	*5/16/2013*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	1960	19.5	14.4	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	2860	5.8	3.1	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	640	0.8	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds						
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	12.0	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.2	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.086	0.022	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	1.68	0.298	0.037 U	0.462	0.148
delta-BHC	µg/L	0.1	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.10 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.20 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	1.4	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	5.61	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*IW35B*	*IW36*	*IW40*	*IW41*	*IW42*
Sample ID:		*WG-05172013-MC-IW35B*	*WG-05172013-MC-IW36*	*WG-05152013-MDC-IW40*	*WG-05092013-MC-IW41*	*WG-05162013-MC-IW42*
Sample Date:		*5/17/2013*	*5/17/2013*	*5/15/2013*	*5/9/2013*	*5/16/2013*
Parameters	***Units***					
Herbicides						
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.7	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry						
Chloride	mg/L	592 J	910 J	254 J	114	84 J
Hardness, calculation	mgCaCO3/L	405	762	463	305	198

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*IW600(43)*	*IW650(44)*	*MW02S1*	*MW02S2*	*MW03S1*
Sample ID:		*WG-05172013-MC-IW43*	*WG-05172013-MC-IW44*	*WG-052313-JR-MW02S1*	*WG-052313-JR-MW02S2*	*WG-05212013-JR-MW03S1*
Sample Date:		*5/17/2013*	*5/17/2013*	*5/23/2013*	*5/23/2013*	*5/21/2013*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	0.5 U	5 U	0.5 U	2 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	5 U	0.5 U	2 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	5 U	0.5 U	2 U	0.5 U
Benzene	µg/L	1.2	5 U	0.5 U	8.9	0.5 U
Carbon tetrachloride	µg/L	1800	386	0.5 U	118	0.5 U
Chloroform (Trichloromethane)	µg/L	56.2	11	1.0	41.9	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	5 U	0.5 U	2 U	0.5 U
Methylene chloride	µg/L	0.5 U	5 U	0.5 U	2 U	0.5 U
Tetrachloroethene	µg/L	1.0	5 U	0.5 U	7.0	0.5 U
Trichloroethene	µg/L	0.5 U	5 U	0.5 U	2 U	0.5 U
Vinyl chloride	µg/L	0.5 U	5 U	0.5 U	2 U	4.0
Semi-volatile Organic Compounds						
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.2	5.0 U	5.0 U	12.2	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	280.	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	43.3	5.0 U
2-Chlorophenol	µg/L	6.5	5.0 U	5.0 U	11.1	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.069	0.011 U	0.011 U	0.111	2.28
beta-BHC	µg/L	0.230	0.037 U	0.037 U	1.48	0.40
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	2.85	0.02 U
Hexachloroethane	µg/L	0.59	0.03 U	0.02 U	0.29	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*IW600(43)*	*IW650(44)*	*MW02S1*	*MW02S2*	*MW03S1*
Sample ID:		*WG-05172013-MC-IW43*	*WG-05172013-MC-IW44*	*WG-052313-JR-MW02S1*	*WG-052313-JR-MW02S2*	*WG-05212013-JR-MW03S1*
Sample Date:		*5/17/2013*	*5/17/2013*	*5/23/2013*	*5/23/2013*	*5/21/2013*
Parameters	*Units*					
Herbicides						
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.4	8.4	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry						
Chloride	mg/L	523 J	136 J	127	1390	39.2
Hardness, calculation	mgCaCO3/L	530.	297	350.	490.	236

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW04S1*	*MW04S3*	*MW05S3*	*MW06BR*
Sample ID:		*WG-05092013-JR-MW04S1*	*WG-05092013-JR-MW04S3*	*WG-05142013-JR-MW05S3*	*WG-05172013-JR-MW06BR*
Sample Date:		*5/9/2013*	*5/9/2013*	*5/14/2013*	*5/17/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.226	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW04S1*	*MW04S3*	*MW05S3*	*MW06BR*
Sample ID:		*WG-05092013-JR-MW04S1*	*WG-05092013-JR-MW04S3*	*WG-05142013-JR-MW05S3*	*WG-05172013-JR-MW06BR*
Sample Date:		*5/9/2013*	*5/9/2013*	*5/14/2013*	*5/17/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	34	38.3	64	67 J
Hardness, calculation	mgCaCO3/L	168	133	173	1940

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW06S1*	*MW06S3*	*MW07S1*	*MW07S2*
Sample ID:		*WG-05162013-JR-MW06S1*	*WG-05162013-JR-MW06S3*	*WG-05152013-MDC-MW07S1*	*WG-05152013-MDC-MW07S2*
Sample Date:		*5/16/2013*	*5/16/2013*	*5/15/2013*	*5/15/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	50 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	170	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	50 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	90	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	1340	0.6
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	1630	0.9
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	50 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	770	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	290	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	50 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	50 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	19.4	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	162	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	17.0	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	17.8	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.520	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.099	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.35	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.456	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.20 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	1.2	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	6.34	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW06S1*	*MW06S3*	*MW07S1*	*MW07S2*
Sample ID:		*WG-05162013-JR-MW06S1*	*WG-05162013-JR-MW06S3*	*WG-05152013-MDC-MW07S1*	*WG-05152013-MDC-MW07S2*
Sample Date:		*5/16/2013*	*5/16/2013*	*5/15/2013*	*5/15/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	320	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	31.3 J	180 J	1000	179
Hardness, calculation	mgCaCO3/L	239	295	1310	493

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW07S3*	*MW08S1*	*MW08S2*	*MW08S3*
Sample ID:		*WG-05152013-MDC-MW07S3*	*WG-05142013-JR-MW08S1*	*WG-05142013-JR-MW08S2*	*WG-05142013-JR-MW08S3*
Sample Date:		*5/15/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	1 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	1 U
Carbon tetrachloride	µg/L	0.5 U	3.2	13.9	192
Chloroform (Trichloromethane)	µg/L	0.5 U	21.9	18.1	33.1
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	1 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	1 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	4.1	7.3
Trichloroethene	µg/L	0.5 U	0.5 U	5.2	6.6
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	1 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	33.6	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	242	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	133	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.033	0.045	0.042
beta-BHC	µg/L	0.037 U	0.739	0.469	0.615
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW07S3*	*MW08S1*	*MW08S2*	*MW08S3*
Sample ID:		*WG-05152013-MDC-MW07S3*	*WG-05142013-JR-MW08S1*	*WG-05142013-JR-MW08S2*	*WG-05142013-JR-MW08S3*
Sample Date:		*5/15/2013*	*5/14/2013*	*5/14/2013*	*5/14/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	43	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	163	1620	769	706
Hardness, calculation	mgCaCO3/L	467	1070	859	763

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW09S1*	*MW09S3*	*MW10S1*	*MW10S2*
Sample ID:		*WG-05142013-MC-MW09S1*	*WG-05142013-MDC-MW09S3*	*WG-05162013-JR-MW10S1*	*WG-05162013-JR-MW10S2*
Sample Date:		*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	2 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	107	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	2 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	20.	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	2 U	22.2	1.8	26.7
Chloroform (Trichloromethane)	µg/L	2 U	18.0	2.9	2.2
Chloromethane (Methyl chloride)	µg/L	2 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	2 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	101	4.9	0.8	1.7
Trichloroethene	µg/L	165	0.5 U	0.5	0.5 U
Vinyl chloride	µg/L	2 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.284	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.040	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.24	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.074	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.19	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.80	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW09S1*	*MW09S3*	*MW10S1*	*MW10S2*
Sample ID:		*WG-05142013-MC-MW09S1*	*WG-05142013-MDC-MW09S3*	*WG-05162013-JR-MW10S1*	*WG-05162013-JR-MW10S2*
Sample Date:		*5/14/2013*	*5/14/2013*	*5/16/2013*	*5/16/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	430	47	205 J	134 J
Hardness, calculation	mgCaCO3/L	832	200.	432	345

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW10S3*	*MW11S1*	*MW11S3A*	*MW12S1A*
Sample ID:		*WG-05162013-JR-MW10S3*	*WG-05142013-JR-MW11S1*	*WG-05142013-JR-MW11S3A*	*WG-05202013-DH-MW12S1A*
Sample Date:		*5/16/2013*	*5/14/2013*	*5/14/2013*	*5/20/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	100 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	200
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	470
Benzene	µg/L	0.5 U	0.5 U	0.5 U	100 U
Carbon tetrachloride	µg/L	0.5 U	31.5	0.5 U	8460
Chloroform (Trichloromethane)	µg/L	0.5 U	7.0	0.5 U	24000
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	100 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	1300
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	2200
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	200
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	100 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	17.5
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	17.5
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	108
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	348
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	75.8
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	35.1 J
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	8.3
alpha-BHC	µg/L	0.011 U	0.116	0.011 U	0.47 J
beta-BHC	µg/L	0.037 U	0.266	0.037 U	1.25 J
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.6 J
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.52 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	1.0 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	11.4 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	28.2 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW10S3*	*MW11S1*	*MW11S3A*	*MW12S1A*
Sample ID:		*WG-05162013-JR-MW10S3*	*WG-05142013-JR-MW11S1*	*WG-05142013-JR-MW11S3A*	*WG-05202013-DH-MW12S1A*
Sample Date:		*5/16/2013*	*5/14/2013*	*5/14/2013*	*5/20/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	24
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	5.9 J
General Chemistry					
Chloride	mg/L	5.1 J	325	63	2160
Hardness, calculation	mgCaCO3/L	76.3	487	254	976

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW12S3*	*MW13S1*	*MW13S3*	*MW14S1*
Sample ID:		*WG-05282013-JR-MW12S3*	*WG-05212013-JR-MW13S1*	*WG-05212013-JR-MW13S3*	*WG-05212013-JR-MW14S1*
Sample Date:		*5/28/2013*	*5/21/2013*	*5/21/2013*	*5/21/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	1 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	1 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	104	0.5 U	0.6	0.5 U
Chloroform (Trichloromethane)	µg/L	106	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	1 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	1 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	43.9	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	2	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	1 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.071	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	9.07	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	1.22	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.61	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW12S3*	*MW13S1*	*MW13S3*	*MW14S1*
Sample ID:		*WG-05282013-JR-MW12S3*	*WG-05212013-JR-MW13S1*	*WG-05212013-JR-MW13S3*	*WG-05212013-JR-MW14S1*
Sample Date:		*5/28/2013*	*5/21/2013*	*5/21/2013*	*5/21/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	229	32.2	25.9	22.8
Hardness, calculation	mgCaCO3/L	327	405	128	343

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW14S3*	*MW15S1*	*MW15S2*	*MW16BR*
Sample ID:		*WG-05212013-JR-MW14S3*	*WG-05212013-JR-MW15S1*	*WG-05212013-JR-MW15S2*	*WG-05202013-DH-MW16BR*
Sample Date:		*5/21/2013*	*5/21/2013*	*5/21/2013*	*5/20/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	100 U	0.5 U	30 U	0.5 U
1,2-Dichloroethane	µg/L	100 U	0.5 U	30 U	0.5 U
1,2-Dichloropropane	µg/L	100 U	0.5 U	30 U	0.5 U
Benzene	µg/L	100 U	0.5 U	30 U	0.5 U
Carbon tetrachloride	µg/L	3980	18.3	935	0.5 U
Chloroform (Trichloromethane)	µg/L	4900	23.4	40	0.5 U
Chloromethane (Methyl chloride)	µg/L	100 U	0.5 U	30 U	0.5 U
Methylene chloride	µg/L	100 U	0.5 U	30 U	0.5 U
Tetrachloroethene	µg/L	640	0.5	30 U	0.5 U
Trichloroethene	µg/L	100 U	0.5 U	30 U	0.5 U
Vinyl chloride	µg/L	100 U	0.5 U	30 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.15	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.475 J	0.037 U	0.221	0.037 U
delta-BHC	µg/L	0.2	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.212 J	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.20 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	1.5	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	7.25	0.02 U	0.04	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW14S3*	*MW15S1*	*MW15S2*	*MW16BR*
Sample ID:		*WG-05212013-JR-MW14S3*	*WG-05212013-JR-MW15S1*	*WG-05212013-JR-MW15S2*	*WG-05202013-DH-MW16BR*
Sample Date:		*5/21/2013*	*5/21/2013*	*5/21/2013*	*5/20/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	2.1	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	1090	206	480	50.
Hardness, calculation	mgCaCO3/L	1180	507	517	1810

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW16S1A*	*MW16S2SS*	*MW16S4R*	*MW17S1*
Sample ID:		*WG-05212013-DH-MW16S1A*	*WG-05202013-DH-MW16S2SS*	*WG-052313-DH-MW16S4*	*WG-05152013-JR-MW17S1*
Sample Date:		*5/21/2013*	*5/20/2013*	*5/23/2013*	*5/15/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	50 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	50 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	50 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	50 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	12.0	680	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	4.6	120	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	50 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	50 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	50 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	50 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	50 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	50 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	50 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	50 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	50 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	10.3	1270	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	50 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	50 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	892 J	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	958	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.412	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	1.14	0.667	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.19	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.24	0.02 U
Hexachloroethane	µg/L	0.02 U	0.18 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW16S1A*	*MW16S2SS*	*MW16S4R*	*MW17S1*
Sample ID:		*WG-05212013-DH-MW16S1A*	*WG-05202013-DH-MW16S2SS*	*WG-052313-DH-MW16S4*	*WG-05152013-JR-MW17S1*
Sample Date:		*5/21/2013*	*5/20/2013*	*5/23/2013*	*5/15/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	2.4 J	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	170.	1850	89	25.0
Hardness, calculation	mgCaCO3/L	398	426	310.	389

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW17S3A*	*MW17S3B*	*MW18S1*	*MW18S3*
Sample ID:		*WG-05152013-JR-MW17S3A*	*WG-05152013-JR-MW17S3B*	*WG-05292013-JR-MW18S1*	*WG-052213-DH-MW18S3*
Sample Date:		*5/15/2013*	*5/15/2013*	*5/29/2013*	*5/22/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	2000	2000 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	1000 U	2000 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	1000 U	2000 U
Benzene	µg/L	0.5 U	0.5 U	1000 U	2000 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	152000	96700
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	81400	35000
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	1000 U	2000 U
Methylene chloride	µg/L	0.5 U	0.5 U	2200	2000 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	38400	35000
Trichloroethene	µg/L	0.5 U	0.5 U	1000	2000 U
Vinyl chloride	µg/L	0.5 U	0.5 U	1000 U	2000 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	154	35.7
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	154	35.7
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	163	10.7
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	43.6	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	15.5	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	9.5	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	5.5 U	6.7
beta-BHC	µg/L	0.037 U	0.037 U	19 U	15 U
delta-BHC	µg/L	0.05 U	0.05 U	30 U	20 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	26 U	21 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	50 U	40 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	230	210
Hexachloroethane	µg/L	0.02 U	0.02 U	1270	1410

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW17S3A*	*MW17S3B*	*MW18S1*	*MW18S3*
Sample ID:		*WG-05152013-JR-MW17S3A*	*WG-05152013-JR-MW17S3B*	*WG-05292013-JR-MW18S1*	*WG-052213-DH-MW18S3*
Sample Date:		*5/15/2013*	*5/15/2013*	*5/29/2013*	*5/22/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	19	10.
Pentachlorophenol	µg/L	0.5 U	0.5 U	570	280
General Chemistry					
Chloride	mg/L	27.9	220	703	440
Hardness, calculation	mgCaCO3/L	268	428	840.	388

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW19S1*	*MW19S2*	*MW20S1*	*MW20S1*
Sample ID:		*WG-052213-DH-MW19S1*	*WG-052313-DH-MW19S2*	*WG-05102013-JR-MW20S1*	*WG-05102013-JR-FD03*
Sample Date:		*5/22/2013*	*5/23/2013*	*5/10/2013*	*5/10/2013*
					(Duplicate)
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	6.8	300 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.9	300 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	300 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	300 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	176	2500	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	48.6	970	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	300 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	300 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	434	4500	0.5 U	0.5 U
Trichloroethene	µg/L	8.8	400	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	300 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	250. J	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	122 J	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	39.0 J	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	12.8 J	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.7 J	5.0 U	5.0 U
alpha-BHC	µg/L	0.11 U	2.2 U	0.011 U	0.011 U
beta-BHC	µg/L	0.37 U	20.	0.037 U	0.037 U
delta-BHC	µg/L	0.5 U	10 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.52 U	10 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	1.0 U	20 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	39.6	479	0.02 U	0.02 U
Hexachloroethane	µg/L	45.5	328	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW19S1*	*MW19S2*	*MW20S1*	*MW20S1*
Sample ID:		*WG-052213-DH-MW19S1*	*WG-052313-DH-MW19S2*	*WG-05102013-JR-MW20S1*	*WG-05102013-JR-FD03*
Sample Date:		*5/22/2013*	*5/23/2013*	*5/10/2013*	*5/10/2013*
					(Duplicate)
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	6.4	1700	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	6.9 J	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	1010	5340	22.1	22.3
Hardness, calculation	mgCaCO3/L	728	2870	252	252

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW20S3*	*MW21S1*	*MW21S3*	*MW22S1*
Sample ID:		*WG-05102013-JR-MW20S3*	*WG-0508-2013-MC-MW21S1*	*WG-0508-2013-MC-MW21S3*	*WG-05212013-DH-MW22S1*
Sample Date:		*5/10/2013*	*5/8/2013*	*5/8/2013*	*5/21/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	1 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	1 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	1 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	60.2	0.5 U	7.8	33.6
Chloroform (Trichloromethane)	µg/L	2	0.5 U	0.6	3.6
Chloromethane (Methyl chloride)	µg/L	1 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	1 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	1 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	1 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	1 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW20S3*	*MW21S1*	*MW21S3*	*MW22S1*
Sample ID:		*WG-05102013-JR-MW20S3*	*WG-0508-2013-MC-MW21S1*	*WG-0508-2013-MC-MW21S3*	*WG-05212013-DH-MW22S1*
Sample Date:		*5/10/2013*	*5/8/2013*	*5/8/2013*	*5/21/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	80.	1520	88	155
Hardness, calculation	mgCaCO3/L	288	1040	298	345

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW22S2*	*MW23BR*	*MW23BR*	*MW24S1*	*MW24S3*
Sample ID:		*WG-05212013-DH-MW22S2*	*WG-052313-JR-MW23BR*	*WG-052313-JR-FD6*	*WG-052213-JR-MW24S1*	*WG-052213-JR-MW24S3*
Sample Date:		*5/21/2013*	*5/23/2013*	*5/23/2013*	*5/22/2013*	*5/22/2013*
				(Duplicate)		
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	50 U	0.5 U	0.5 U	14.4	0.5 U
1,2-Dichloropropane	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	50 U	0.5 U	0.5 U	2.5	0.5 U
Carbon tetrachloride	µg/L	4750	0.5 U	0.5 U	91	10.3
Chloroform (Trichloromethane)	µg/L	130	0.5 U	0.5 U	177	16.2
Chloromethane (Methyl chloride)	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	50 U	0.5 U	0.5 U	4.8 U	0.5 U
Tetrachloroethene	µg/L	50 U	0.5 U	0.5 U	33.3	2.5
Trichloroethene	µg/L	50 U	0.5 U	0.5 U	3.4	0.5 U
Vinyl chloride	µg/L	50 U	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds						
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.022	0.011 U	0.011 U	0.040	0.011 U
beta-BHC	µg/L	0.145	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.04 U	0.02 U	0.15 U	0.02 U
Hexachloroethane	µg/L	1.14	0.03	0.02 U	0.41	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW22S2*	*MW23BR*	*MW23BR*	*MW24S1*	*MW24S3*
Sample ID:		*WG-05212013-DH-MW22S2*	*WG-052313-JR-MW23BR*	*WG-052313-JR-FD6*	*WG-052213-JR-MW24S1*	*WG-052213-JR-MW24S3*
Sample Date:		*5/21/2013*	*5/23/2013*	*5/23/2013*	*5/22/2013*	*5/22/2013*
				(Duplicate)		
Parameters	*Units*					
Herbicides						
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry						
Chloride	mg/L	440	88	88	45.6	101
Hardness, calculation	mgCaCO3/L	500.	1840	1780	304	284

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW25S1*	*MW25S1*	*MW26S1*	*MW26S3*
Sample ID:		*WG-05092013-MC-MW25S1*	*WG-05092013-MC-Field Dup 2*	*WG-05152013-MDC-MW26S1*	*WG-05152013-MDC-MW26S3*
Sample Date:		*5/9/2013*	*5/9/2013*	*5/15/2013*	*5/15/2013*
			(Duplicate)		
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	3.9	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.024
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW25S1*	*MW25S1*	*MW26S1*	*MW26S3*
Sample ID:		*WG-05092013-MC-MW25S1*	*WG-05092013-MC-Field Dup 2*	*WG-05152013-MDC-MW26S1*	*WG-05152013-MDC-MW26S3*
Sample Date:		*5/9/2013*	*5/9/2013*	*5/15/2013*	*5/15/2013*
			(Duplicate)		
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	53	53	84 J	177 J
Hardness, calculation	mgCaCO3/L	314	321	353	630.

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW27S1*	*MW27S2*	*MW28S1*	*MW28S2*
Sample ID:		*WG-052313-DH-MW27S1*	*WG-052313-DH-MW27S2*	*WG-05152013-JR-MW28S1*	*WG-05152013-JR-MW28S2*
Sample Date:		*5/23/2013*	*5/23/2013*	*5/15/2013*	*5/15/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	2 U	5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	2 U	5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	2 U	5 U	0.5 U	0.5 U
Benzene	µg/L	2 U	5 U	0.5 U	5.6
Carbon tetrachloride	µg/L	14	60.	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	32	15	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	2 U	5 U	0.5 U	0.5 U
Methylene chloride	µg/L	2 U	5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	279	407	0.5 U	0.5 U
Trichloroethene	µg/L	23	13	0.5 U	0.5 U
Vinyl chloride	µg/L	2 U	5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	6.1	9.7	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	5.5 U	55 U	0.011 U	0.041
beta-BHC	µg/L	19 U	190 U	0.037 U	0.107
delta-BHC	µg/L	30 U	300 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	26 U	260 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	50 U	500 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	1800	17800	0.02 U	0.02 U
Hexachloroethane	µg/L	310	2200	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW27S1*	*MW27S2*	*MW28S1*	*MW28S2*
Sample ID:		*WG-052313-DH-MW27S1*	*WG-052313-DH-MW27S2*	*WG-05152013-JR-MW28S1*	*WG-05152013-JR-MW28S2*
Sample Date:		*5/23/2013*	*5/23/2013*	*5/15/2013*	*5/15/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	2.5 J	1.0 U	1.0 U
Pentachlorophenol	µg/L	2.9	2.5	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	166	228	97 J	603 J
Hardness, calculation	mgCaCO3/L	322	327	308	345

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW28S3*	*MW28S3*	*MW29S1*	*MW29S2*
Sample ID:		*WG-05152013-JR-MW28S3*	*WG-05152013-JR-FD4*	*WG-05202013-JR-MW29S1*	*WG-05202013-JR-MW29S2*
Sample Date:		*5/15/2013*	*5/15/2013*	*5/20/2013*	*5/20/2013*
			(Duplicate)		
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	3 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	108
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	3 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	87.1
Carbon tetrachloride	µg/L	89.3	83.6	88.8	3 U
Chloroform (Trichloromethane)	µg/L	5.7	5.3	9.2	3 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	3 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	3 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	5.8
Trichloroethene	µg/L	0.5 U	0.5 U	0.5	37
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	3 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	12.1
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	70.5
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	25.8
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	9.2
alpha-BHC	µg/L	0.011 U	0.011 U	0.017	0.401
beta-BHC	µg/L	0.072	0.070	0.191	2.17
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.10 U	0.08 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.04 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW28S3*	*MW28S3*	*MW29S1*	*MW29S2*
Sample ID:		*WG-05152013-JR-MW28S3*	*WG-05152013-JR-FD4*	*WG-05202013-JR-MW29S1*	*WG-05202013-JR-MW29S2*
Sample Date:		*5/15/2013*	*5/15/2013*	*5/20/2013*	*5/20/2013*
			(Duplicate)		
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	47.3 J	45 J	900	5500
Hardness, calculation	mgCaCO3/L	133	134	677	2280

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW29S3*	*MW30S1*	*MW30S3*	*MW31S1*
Sample ID:		*WG-05202013-JR-MW29S3*	*WG-05162013-JR-MW30S1*	*WG-05162013-JR-MW30S3*	*WG-05102013-JR-MW31S1*
Sample Date:		*5/20/2013*	*5/16/2013*	*5/16/2013*	*5/10/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	6.3	0.5 U	200 U	2 U
1,2-Dichloroethane	µg/L	293	0.5 U	200 U	2 U
1,2-Dichloropropane	µg/L	3 U	0.5 U	200 U	2 U
Benzene	µg/L	8.4	0.5 U	200 U	2 U
Carbon tetrachloride	µg/L	3 U	2.3	13300	141
Chloroform (Trichloromethane)	µg/L	3 U	3.5	300	7.6
Chloromethane (Methyl chloride)	µg/L	3 U	0.5 U	200 U	2 U
Methylene chloride	µg/L	3 U	0.5 U	200 U	2 U
Tetrachloroethene	µg/L	73.8	0.5 U	200 U	2 U
Trichloroethene	µg/L	104	0.5 U	200 U	2 U
Vinyl chloride	µg/L	3 U	0.5 U	200 U	2 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	10.4	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	10.4	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	11.8	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	66.4	5.0 U	34.6	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	8.5	5.0 U	20.0	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.095 J	0.012	0.106	0.021
beta-BHC	µg/L	1.42 J	0.145	0.329	0.292
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.065	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.03	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	3.82	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW29S3*	*MW30S1*	*MW30S3*	*MW31S1*
Sample ID:		*WG-05202013-JR-MW29S3*	*WG-05162013-JR-MW30S1*	*WG-05162013-JR-MW30S3*	*WG-05102013-JR-MW31S1*
Sample Date:		*5/20/2013*	*5/16/2013*	*5/16/2013*	*5/10/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	7.1 J	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	12	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	1480	671 J	935 J	237
Hardness, calculation	mgCaCO3/L	649	472	684	352

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW32S1*	*MW113S3*	*MW114S1*	*MW130S1*
Sample ID:		*WG-05142013-JR-MW32S1*	*WG-05222013-DH-MW113S3*	*WG-05222013-DH-MW114S1*	*WG-05132013-JR-MW130S1*
Sample Date:		*5/14/2013*	*5/22/2013*	*5/22/2013*	*5/13/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	500 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	500 U	0.5	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	1600	0.5 U	0.5 U
Benzene	µg/L	0.5 U	500 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	3.4	64700	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	14.8	41100	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	500 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	2400	0.5 U	0.5 U
Tetrachloroethene	µg/L	4.5	10600	2.6	0.5 U
Trichloroethene	µg/L	5.5	600	1.9	0.5 U
Vinyl chloride	µg/L	0.5 U	500 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	47.1 J	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	47.1 J	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	R	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	63.4 J	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	8.4 J	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	R	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	R	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	R	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	R	5.0 U	5.0 U
alpha-BHC	µg/L	0.028	1.1 U	0.020	0.011 U
beta-BHC	µg/L	0.597	4.4	0.335	0.037 U
delta-BHC	µg/L	0.07	5 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	5.2 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	98	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	230.	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW32S1*	*MW113S3*	*MW114S1*	*MW130S1*
Sample ID:		*WG-05142013-JR-MW32S1*	*WG-05222013-DH-MW113S3*	*WG-05222013-DH-MW114S1*	*WG-05132013-JR-MW130S1*
Sample Date:		*5/14/2013*	*5/22/2013*	*5/22/2013*	*5/13/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	80.	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	81	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	1080	8600	1180	42
Hardness, calculation	mgCaCO3/L	1090	91.8	882	218

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW130S2*	*MW130S3*	*MW131S2*	*MW131S3*
Sample ID:		*WG-05132013-JR-MW130S2*	*WG-05132013-JR-MW130S3*	*WG-05092013-JR-MW131S2*	*WG-05092013-JR-MW131S3*
Sample Date:		*5/13/2013*	*5/13/2013*	*5/9/2013*	*5/9/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.038
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW130S2*	*MW130S3*	*MW131S2*	*MW131S3*
Sample ID:		*WG-05132013-JR-MW130S2*	*WG-05132013-JR-MW130S3*	*WG-05092013-JR-MW131S2*	*WG-05092013-JR-MW131S3*
Sample Date:		*5/13/2013*	*5/13/2013*	*5/9/2013*	*5/9/2013*
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	97	86	91	73
Hardness, calculation	mgCaCO3/L	206	313	348	250.

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW132S1*	*MW132S2&S3*	*MW133S2&S3*	*MW134S2*
Sample ID:		*WG-05092013-JR-MW132S1*	*WG-05092013-JR-MW132S2/S3*	*WG-05132013-JR-MW133S2S3*	*WG-05082013-JR-MW134S2*
Sample Date:		*5/9/2013*	*5/9/2013*	*5/13/2013*	*5/8/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW132S1*	*MW132S2&S3*	*MW133S2&S3*	*MW134S2*
Sample ID:		*WG-05092013-JR-MW132S1*	*WG-05092013-JR-MW132S2/S3*	*WG-05132013-JR-MW133S2S3*	*WG-05082013-JR-MW134S2*
Sample Date:		*5/9/2013*	*5/9/2013*	*5/13/2013*	*5/8/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	56	11.4	28.5	58
Hardness, calculation	mgCaCO3/L	306	221	269	231

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW134S3*	*MW135S1*	*MW135S2&S3*	*MW136S2&S3*
Sample ID:		*WG-05082013-JR-MW134S3*	*WG-05072013-MC-MW135S1*	*WG-05072013-JR-MW135S2/S3*	*WG-05072013-MC-MW136S2/S3*
Sample Date:		*5/8/2013*	*5/7/2013*	*5/7/2013*	*5/7/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW134S3*	*MW135S1*	*MW135S2&S3*	*MW136S2&S3*
Sample ID:		*WG-05082013-JR-MW134S3*	*WG-05072013-MC-MW135S1*	*WG-05072013-JR-MW135S2/S3*	*WG-05072013-MC-MW136S2/S3*
Sample Date:		*5/8/2013*	*5/7/2013*	*5/7/2013*	*5/7/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	55	46	42	78
Hardness, calculation	mgCaCO3/L	286	231	245	256

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW137S1*	*MW137S2*	*MW137S3*	*MW138S1*
Sample ID:		*WG-05092013-MC-MW137S1*	*WG-05082013-MC-MW137S2*	*WG-05082013-MC-MW137S3*	*WG-0508-2013-MC-MW138S1*
Sample Date:		*5/9/2013*	*5/8/2013*	*5/8/2013*	*5/8/2013*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW137S1*	*MW137S2*	*MW137S3*	*MW138S1*
Sample ID:		*WG-05092013-MC-MW137S1*	*WG-05082013-MC-MW137S2*	*WG-05082013-MC-MW137S3*	*WG-0508-2013-MC-MW138S1*
Sample Date:		*5/9/2013*	*5/8/2013*	*5/8/2013*	*5/8/2013*
Parameters	***Units***				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	14.6	21.1	57	41.2
Hardness, calculation	mgCaCO3/L	230.	277	285	233

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW138S2&S3*	*MW138S2&S3*	*MW139S2&S3*	*MW140S1*
Sample ID:		*WG-0508-2013-MC-MW138S2/S3*	*WG-0508-2013-MC-Field Dup #1*	*WG-05072013-MC-MW139S2/S3*	*WG-05212013-DH-MW140S1*
Sample Date:		*5/8/2013*	*5/8/2013*	*5/7/2013*	*5/21/2013*
			(Duplicate)		
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	2.5	2.7	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW138S2&S3*	*MW138S2&S3*	*MW139S2&S3*	*MW140S1*
Sample ID:		*WG-0508-2013-MC-MW138S2/S3*	*WG-0508-2013-MC-Field Dup #1*	*WG-05072013-MC-MW139S2/S3*	*WG-05212013-DH-MW140S1*
Sample Date:		*5/8/2013*	*5/8/2013*	*5/7/2013*	*5/21/2013*
			(Duplicate)		
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	59	59	232	18.7
Hardness, calculation	mgCaCO3/L	265	264	499	276

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW140S2&S3*	*MW141S2&S3*	*MW142S2&S3*
Sample ID:		*WG-05212013-DH-MW140S2/S3*	*WG-05162013-MC-MW141S2/S3*	*WG-05132013-MDC-MW142S2S3*
Sample Date:		*5/21/2013*	*5/16/2013*	*5/13/2013*
Parameters	*Units*			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	5 U	0.5 U	0.5 U
Benzene	µg/L	5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	1890	2.2	0.5 U
Chloroform (Trichloromethane)	µg/L	35	2.3	0.5 U
Chloromethane (Methyl chloride)	µg/L	5 U	0.5 U	0.5 U
Methylene chloride	µg/L	5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	5 U	0.5 U	0.5 U
Trichloroethene	µg/L	5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds				
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.011 U	0.011 U	0.011 U
beta-BHC	µg/L	0.037 U	0.037 U	0.037 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.18	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW140S2&S3*	*MW141S2&S3*	*MW142S2&S3*
Sample ID:		*WG-05212013-DH-MW140S2/S3*	*WG-05162013-MC-MW141S2/S3*	*WG-05132013-MDC-MW142S2S3*
Sample Date:		*5/21/2013*	*5/16/2013*	*5/13/2013*
Parameters	***Units***			
Herbicides				
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	11
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U
General Chemistry				
Chloride	mg/L	345	14.8 J	44
Hardness, calculation	mgCaCO3/L	545	151	199

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW143S2&S3*	*MW143S2&S3*	*MW144S2&S3*	*MW145S2&S3*
Sample ID:		*WG-05172013-JR-MW143S2S3*	*WG-05172013-JR-FD5*	*WG-05072013-JR-MW144S2/S3*	*WG-05072013-JR-MW145S2/S3*
Sample Date:		*5/17/2013*	*5/17/2013*	*5/7/2013*	*5/7/2013*
			(Duplicate)		
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L	12.7	12.6	0.5 U	0.5 U
Chloroform (Trichloromethane)	µg/L	3.1	3.3	0.5 U	0.5 U
Chloromethane (Methyl chloride)	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
Semi-volatile Organic Compounds					
2,3,4,5-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,5-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
3/4-Chlorophenol	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
alpha-BHC	µg/L	0.013	0.013	0.011 U	0.021
beta-BHC	µg/L	0.114	0.109	0.037 U	0.381
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.06
gamma-BHC (lindane)	µg/L	0.052 U	0.052 U	0.052 U	0.106
Hexachlorobenzene	µg/L	0.10 U	0.10 U	0.10 U	0.10 U
Hexachlorobutadiene	µg/L	0.02 U	0.02 U	0.02 U	0.02 U
Hexachloroethane	µg/L	0.02 U	0.02 U	0.02 U	0.02 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Sample Location:		*MW143S2&S3*	*MW143S2&S3*	*MW144S2&S3*	*MW145S2&S3*
Sample ID:		*WG-05172013-JR-MW143S2S3*	*WG-05172013-JR-FD5*	*WG-05072013-JR-MW144S2/S3*	*WG-05072013-JR-MW145S2/S3*
Sample Date:		*5/17/2013*	*5/17/2013*	*5/7/2013*	*5/7/2013*
			(Duplicate)		
Parameters	*Units*				
Herbicides					
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	µg/L	0.5 U	0.5 U	0.5 U	0.5 U
General Chemistry					
Chloride	mg/L	249 J	264 J	33.1	210.
Hardness, calculation	mgCaCO3/L	484	480.	247	545

Notes:
J - Estimated concentration.
R - Rejected.
U - Not detected above the associated reporting limit.
UJ - Not detected; Reporting limit is estimated.

TABLE 4

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Parameter	*Sample ID*	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Analyte*	*Qualified Result*	*Units*
SVOCs	WG-052313-DH-MW19S2	phenol-d8	18.2	21.7-41.8	3/4-Chlorophenol	5.7 J	µg/L
		2-fluorophenol	22.5	36.2-67.8	2,4-Dichlorophenol	122 J	µg/L
					2,3,4,5-Tetrachlorophenol	5.0 UJ	µg/L
					2,3,4,6-Tetrachlorophenol	5.0 UJ	µg/L
					2,5-Dichlorophenol	5.0 UJ	µg/L
					2,6-Dichlorophenol	39.0 J	µg/L
					2-Chlorophenol	12.8 J	µg/L
					2,4,5-Trichlorophenol	5.0 UJ	µg/L
					2,4,6-Trichlorophenol	250 J	µg/L
SVOCs	WG-05202013-JR-MW29S3	1,4-dichloronapthalene	199	54-120	alpha-BHC	0.095 J	µg/L
					beta-BHC	1.42 J	µg/L
SVOCs	WG-05202013-DH-MW12S1A	1,4-dichloronapthalene	652	54-120	alpha-BHC	0.47 J	µg/L
					beta-BHC	1.25 J	µg/L
					delta-BHC	0.6 J	µg/L
SVOCs	WG-05222013-DH-MW113S3	phenol-d8	0	21.7-41.8	3/4-Chlorophenol	R	µg/L
		2-fluorophenol	0	36.2-67.8	2,4-Dichlorophenol	8.4 J	µg/L
					2,3,4,5-Tetrachlorophenol	47.1 J	µg/L
					2,3,4,6-Tetrachlorophenol	47.1 J	µg/L
					2,5-Dichlorophenol	R	µg/L
					2,6-Dichlorophenol	R	µg/L
					2,4,6-Trichlorophenol	63.4 J	µg/L
					2-Chlorophenol	R	µg/L
					2,4,5-Trichlorophenol	R	µg/L

Notes:
SVOCs - Semi-volatile Organic Compounds.
J - Estimated concentration.
R - Rejected.
UJ - Not detected; reporting limit is estimated.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
SVOCs	Hexachlorobutadiene	06/06/13	0.01J	WG-05292013-JR-FD8	0.03	0.03 U	µg/L
				WG-05292013-JR-Westar 8	0.06	0.06 U	µg/L
SVOCs	Hexachlorobutadiene	06/05/13	0.05	WG-052213-JR-MW24S1	0.15	0.15 U	µg/L
				WG-052313-JR-MW23BR	0.04	0.04 U	µg/L
SVOCs	Hexachlorobutadiene	06/04/13	1305	WG-05172013-MC-IW30	617	617 U	µg/L
		06/03/13	2088	WG-05172013-MC-IW31	708	708 U	µg/L
		06/04/13	20.9	WG-05172013-MC-IW32	1.9	1.9 U	µg/L
SVOCs	Hexachloroethane	6/4/2013	472	WG-05172013-MC-IW30	1070	1070 U	µg/L
		6/3/2013	756	WG-05172013-MC-IW31	827	827 U	µg/L
		6/4/2013	7.56	WG-05172013-MC-IW32	11.2	11.2 U	µg/L
		6/3/2013	1.89	WG-05172013-MC-IW44	0.03	0.03 U	µg/L
SVOCs	Hexachlorobutadiene	06/04/13	52.2	WG-05202013-DH-MW12S1A	11.4	11.4 U	µg/L
			5.22	WG-05202013-JR-MW29S1	0.10	0.10 U	µg/L
			5.22	WG-05202013-JR-MW29S2	0.08	0.08 U	µg/L
SVOCs	Hexachloroethane	6/4/2013	18.9	WG-05202013-DH-MW12S1A	28.2	28.2 U	µg/L
			1.89	WG-05202013-DH-MW16S2SS	0.18	0.18 U	µg/L
			1.89	WG-05202013-JR-MW29S2	0.04	0.04 U	µg/L

Notes:
SVOCs - Semi-volatile Organic Compounds.
U Not detected at the associated reporting limit.
* Blank result adjusted for sample factors where applicable.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RECOVERIES
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Parameter	*Analyte*	*LCS Date*	*LCS (percent)*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Results*	*Units*
SVOCs	2-Chlorophenol	05/24/13	98.5	73-97.8	WG-05172013-MC-IW30	14.5 J	µg/L
					WG-05172013-MC-IW31	24.5 J	µg/L
					WG-05202013-DH-MW12S1A	35.1 J	µg/L
					WG-05202013-DH-MW16S2SS	892 J	µg/L

Notes:
SVOCs SVOCs - Semi-volatile Organic Compounds.
LCS Laboratory control sample.
J Estimated concentration.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits % Recovery*	*Control Limits RPD*	*Qualified Result*	*Units*
General Chemistry	WG-05152013-JR-FD4	Chloride	132	85	13.0	74-127	5.3	45 J	mg/L
	WG-05152013-JR-MW28S1							97 J	mg/L
	WG-05152013-JR-MW28S2							603 J	mg/L
	WG-05152013-JR-MW28S3							47.3 J	mg/L
	WG-05152013-MDC-IW40							254 J	mg/L
	WG-05152013-MDC-MW26S1							84 J	mg/L
	WG-05152013-MDC-MW26S3							177 J	mg/L
	WG-05162013-JR-MW06S1							31.3 J	mg/L
	WG-05162013-JR-MW06S3							180 J	mg/L
	WG-05162013-JR-MW10S1							205 J	mg/L
	WG-05162013-JR-MW10S2							134 J	mg/L
	WG-05162013-JR-MW10S3							5.1 J	mg/L
	WG-05162013-JR-MW30S1							671 J	mg/L
	WG-05162013-JR-MW30S3							935 J	mg/L
	WG-05162013-MC-AMW101D							60. J	mg/L
	WG-05162013-MC-AMW101I							55 J	mg/L
	WG-05162013-MC-AMW101S							56 J	mg/L
	WG-05162013-MC-AMW107D							114 J	mg/L
	WG-05162013-MC-AMW107S							88 J	mg/L
	WG-05162013-MC-AMW5D							100. J	mg/L
	WG-05162013-MC-AMW5S							108 J	mg/L
	WG-05162013-MC-IW29							1150 J	mg/L
	WG-05162013-MC-IW42							84 J	mg/L
	WG-05162013-MC-MW141S2/S3							14.8 J	mg/L
	WG-05172013-JR-FD5							264 J	mg/L
	WG-05172013-JR-MW06BR							67 J	mg/L
	WG-05172013-JR-MW143S2S3							249 J	mg/L
	WG-05172013-MC-IW30							5500 J	mg/L
	WG-05172013-MC-IW31							3450 J	mg/L
	WG-05172013-MC-IW32							2290 J	mg/L
	WG-05172013-MC-IW35A							170 J	mg/L
	WG-05172013-MC-IW35B							592 J	mg/L
	WG-05172013-MC-IW36							910 J	mg/L
	WG-05172013-MC-IW43							523 J	mg/L
	WG-05172013-MC-IW44							136 J	mg/L

Notes:
MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent difference.
J Estimated concentration.

TABLE 8

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
SEMI-ANNUAL GROUNDWATER SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
WICHITA, KANSAS
MAY AND JULY 2013

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	5/23/2013	Methylene Chloride	1.1	WG-052213-JR-MW24S1	4.8	4.8 U	µg/L
				WG-052313-DH-MW27S1	2	2 U	µg/L

Notes:
VOCS Volatile Organic Compounds.
U Not detected at the associated reporting limit.