ERM NC, Inc.

15720 Brixham Hill Avenue
Suite 120
Charlotte, NC 28277
(704) 541-8345
(704) 624-7928 (fax)

July 7, 2016

Mr. Qu Qi
Central Unit Supervisor
Inactive Hazardous Sites Branch
Superfund Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
1646 Mail Service Center
Raleigh, NC 27699-1646
Tel: 919-707-8200
qu.qi@ncdenr.gov

Subject: Quarterly Progress Report – 2nd Quarter 2016
Syngenta Crop Protection, LLC Facility
410 Swing Road
Greensboro, North Carolina
Inactive Hazardous Site No. NCD061801361

Via Email

Dear Mr. Qi:

On behalf of Syngenta Crop Protection, LLC (Syngenta), ERM is providing this progress report for the voluntary remedial action at the referenced site. This progress report is submitted in compliance with the Administrative Agreement (Docket No. 09-SF-305).

During second quarter 2016, annual monitoring was performed. Attached is the annual monitoring report for 2016. The next annual sampling event is scheduled for May 2017.

Certification statements for the Remediating Party and RSM are attached. If you have any questions, please contact us at 704-541-8345 or George Crouse at 336-632-7282.

Sincerely,

Thomas M. Wilson, P.G.
Principal

Robert D. Laumann, P.G.
Project Manager

Attachments: Remediating Party Certification Statement
Consultant Certification Statement

cc: Mr. Gene Mao – Guilford County Public Health Department (GMAO@co.guilford.nc.us)
Mr. George Crouse – Syngenta (george.crouse@syngenta.com)

REMEDIATING PARTY CERTIFICATION STATEMENT

"I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate and complete.

George Crouse
(Name of Remediating Party Official)

George W Crouse 6/17/2016
(Signature of Remediating Party Official) Date

North Carolina **(Enter State)**

Guilford **COUNTY**

I, Ladoris Alston, a Notary Public of said County and State, do hereby certify that George W. Crouse did personally appear and sign before me this day.

WITNESS my hand and official seal this 17th day of June, 2016.

Ladoris Alston (OFFICIAL SEAL)
Notary Public (signature)

My commission expires: April 17, 2021.

Ladoris Alston
Notary Public
Guilford County
North Carolina
My Commission Expires 4-17-21

CONSULTANT CERTIFICATION STATEMENT

"I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate and complete.

Tom Wilson
(Name of Consultant)

Thomas M Wilson 6-23-2016
(Signature of Consultant) Date

North Carolina **(Enter State)**

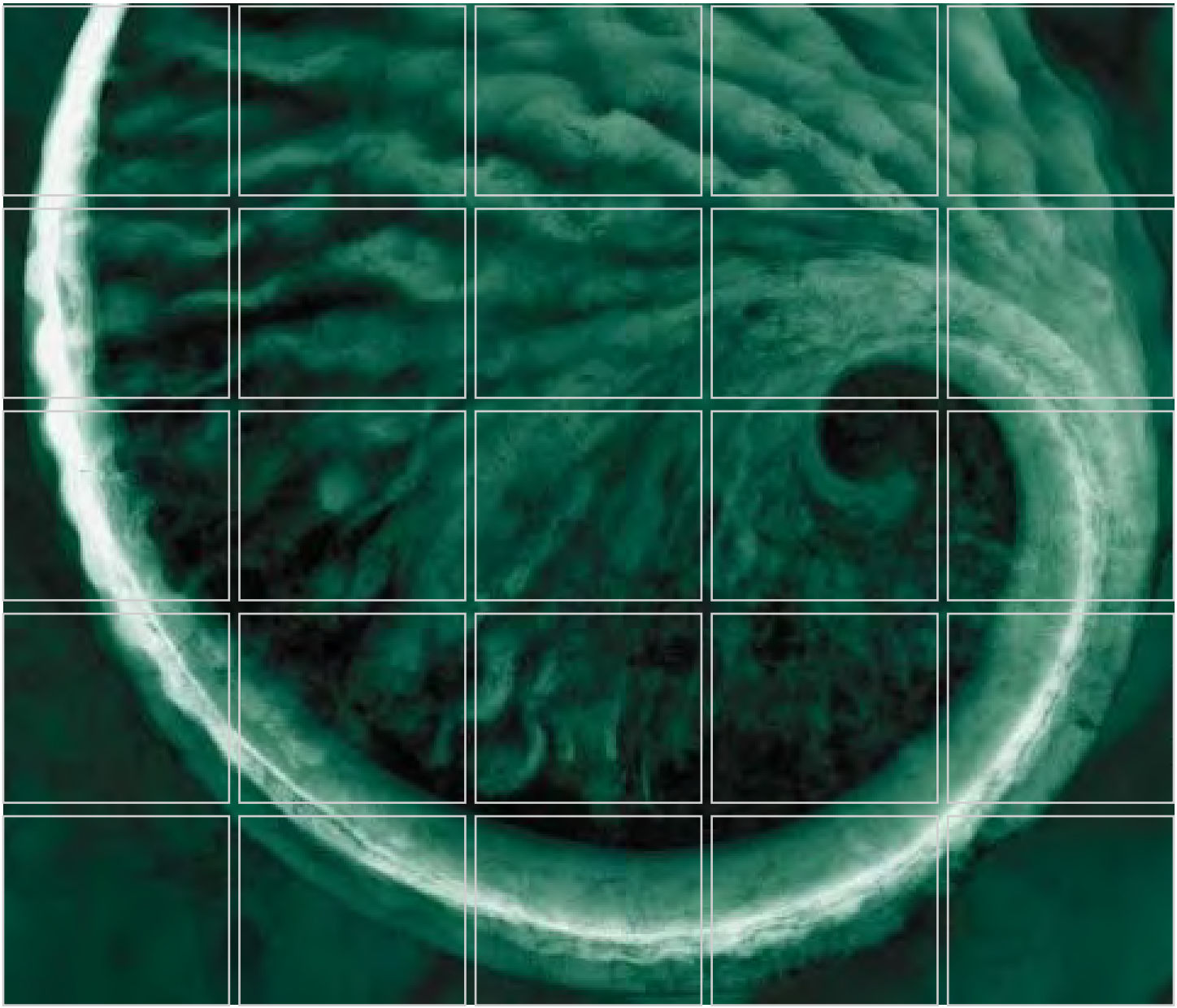
Mecklenburg **COUNTY**

I, Debra C Pressley, a Notary Public of said County and State, do hereby certify that Thomas M Wilson did personally appear and sign before me this day.

Debra C Pressley
Notary Public (signature)

My commission expires: 10/27/2017.

(OFFICIAL SEAL)
DEBRA C PRESSLEY
Notary Public
North Carolina
Union County



Groundwater and Surface Water Monitoring Report – May 2016

Syngenta Crop Protection LLC Facility
410 Swing Road
Greensboro, North Carolina

Site ID NCD061801361
Groundwater Incident #: 3208

July 2016

DELIVERING SUSTAINABLE SOLUTIONS IN A MORE COMPETITIVE WORLD

ERM

MONITORING REPORT

Syngenta Crop Protection, LLC
410 Swing Road
Greensboro, North Carolina

Groundwater and Surface Water Monitoring Report - May 2016

July 2016

ERM NC, Inc.
15720 Brixham Hill Avenue
Suite 120
Charlotte, North Carolina 28277

REMEDIATING PARTY CERTIFICATION STATEMENT

"I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate and complete.

George Crouse
(Name of Remediating Party Official)

George W Crouse 6/17/2016
(Signature of Remediating Party Official) Date

North Carolina **(Enter State)**

Guilford **COUNTY**

I, Ladoris Alston, a Notary Public of said County and State, do hereby certify that George W. Crouse did personally appear and sign before me this day.

WITNESS my hand and official seal this 17th day of June, 2016.

Ladoris Alston (OFFICIAL SEAL)
Notary Public (signature)

My commission expires: April 17, 2021.

Ladoris Alston
Notary Public
Guilford County
North Carolina
My Commission Expires 4-17-21

CONSULTANT CERTIFICATION STATEMENT

"I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate and complete.

Tom Wilson
(Name of Consultant)

Thomas M Wilson 6-23-2016
(Signature of Consultant) Date

North Carolina **(Enter State)**

Mecklenburg **COUNTY**

I, Debra C Pressley, a Notary Public of said County and State, do hereby certify that Thomas M Wilson did personally appear and sign before me this day.

Debra C Pressley
Notary Public (signature)

My commission expires: 10/27/2017.

(OFFICIAL SEAL)
DEBRA C PRESSLEY
Notary Public
North Carolina
Union County

Syngenta Crop Protection, LLC
410 Swing Road
Greensboro, North Carolina

Groundwater and Surface Water Monitoring Report - May 2016

July 2016

Thomas M. Wilson, P.G.
Principal

Robert Laumann, P.G.
Project Manager

ERM NC, Inc.
15720 Brixham Hill Avenue
Suite 120
Charlotte, North Carolina 28277

EXECUTIVE SUMMARY

In October 2009, Syngenta Crop Protection, LLC (Syngenta) entered into an Administrative Agreement (AA) with the North Carolina Department of Environment and Natural Resources (DENR) Division of Waste Management Superfund Section (Docket Number 09-SF-305) to conduct a voluntary remedial action at the Syngenta facility located at 410 Swing Road in Greensboro (NCD06180136). In accordance with the AA, a Remedial Action Plan (RAP) was developed in November 2013 that proposed monitored natural attenuation (MNA) as the selected remedial action for groundwater impacted by volatile organic compounds (VOCs). The RAP was approved by NCDENR and the final submitted in January 2014. In accordance with the RAP, annual performance monitoring is currently being conducted to evaluate the progress and effectiveness of natural attenuation of the VOC-affected groundwater at the site.

The current report presents the results from the annual monitoring recommended in the RAP. Fifteen groundwater samples and one surface water sample were collected during the May 2016 monitoring event.

The major findings of the May 2016 monitoring event are:

- A decreasing trend of VOC concentrations is continuing at practically all groundwater monitoring locations across the site.
- The PCE concentrations in May 2016 are generally at or near historic low values throughout the site.
- PCE was not detected in the surface water monitoring point, SW-LC-1 East during May 2016.

The overall decreasing VOC concentration trend over time demonstrates that natural attenuation is occurring across the site and is an effective remedial approach.

EXECUTIVE SUMMARY ***i***

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1.0 *INTRODUCTION*

The purpose of this report is to present the findings of the May 2016 groundwater and surface water monitoring at the Syngenta Crop Protection, LLC facility located at 410 Swing Road in Greensboro, North Carolina. In accordance with the approved *Proposed Remedial Action Plan* (RAP) (ERM NC, Inc. 2014a), groundwater and surface water monitoring is currently conducted on an annual basis to monitor the effectiveness of the monitored natural attenuation (MNA) remedy for groundwater remediation at the site. Previous investigative, remedial, and monitoring activities have been conducted at this site since 1985. The previous work was summarized in the documents listed in the reference section of this report.

Fifteen groundwater samples, one duplicate sample (Dup-1) and one trip blank were collected during the May 2016 monitoring event. Additionally, a surface water sample was collected from Long Branch Creek during the May 2016 monitoring event. A site location map is provided in Figure 1. A layout of the site showing the locations of the wells and surface water sampling stations is provided in Figure 2. A list of May 2016 sampling locations is presented in Table 1.

2.0 *GROUNDWATER ELEVATION DATA*

Depth-to-groundwater was recorded in the site monitor wells by ERM personnel on May 2, 2016. The depth-to-water measurements were converted to elevations in feet above the National Geodetic Vertical Datum (NGVD). A summary of the groundwater elevations is shown on Figure 2, and the depth to groundwater in each monitor well is given in Table 2.

In general, groundwater flows westward from the facility toward Long Branch Creek. In the vicinity of Long Branch Creek, groundwater flows to the southwest, parallel to Long Branch Creek.

3.0 *GROUNDWATER ANALYTICAL DATA*

On May 2 through May 5, 2016, ERM personnel purged and collected groundwater samples with a disposable bailer from monitor and recovery wells listed in the site sampling schedule. Field parameters including pH, conductivity, temperature, oxidation-reduction potential and dissolved oxygen were also measured for the groundwater samples. After collection, the groundwater samples were immediately placed on ice in preparation for delivery to Pace Analytical Laboratories of Huntersville, North Carolina (Pace) for analysis of VOCs by EPA Method 601/SM6200B.

A summary of the analytical results from the May 2016 groundwater sampling event as well as historical events is provided in Table 3. The primary constituent of concern in groundwater is tetrachloroethene (PCE). An isoconcentration map for PCE is provided on Figure 3. Graphical summaries of historical tetrachloroethene concentrations are presented in Appendix A. Field parameter data are summarized in Table 4. Copies of the laboratory reports and chain-of-custody records are provided in Appendix B.

One blind duplicate groundwater sample, labeled Dup-1 on the chain of custody, was collected from monitor well MW-33 and analyzed for VOCs. The analytical results for samples MW-33 and Dup-1 showed similar values.

The wellhead of monitor well MW-1, a flush-mount well located in a high-traffic loading dock, was found to be damaged during the May 2016 event. The measured depth to water in MW-1 was approximately 2 feet below the top of well casing which is anomalously shallow compared to the historical depth to water at MW-1, which averages approximately 10 feet, and the nearby monitor wells. In addition, well depth measurements indicate that the bottom seven feet of MW-1 is plugged with silt. Therefore, results from MW-1 may not represent actual groundwater concentrations of chemicals of concern. These observations indicate that rainwater has likely entered the damaged wellhead. Consequently, the May 2016 groundwater quality and elevation data for MW-1 are not considered representative of the actual groundwater conditions. Syngenta proposes to abandon well MW-1 and, instead, continue to collect samples from well RW-1, which is the nearest downgradient well (Figure 1). Syngenta will make the proposal in a separate letter correspondence

which will propose a number of wells for abandonment (wells no longer being used for sample collection).

Overall, a decreasing trend of VOC concentrations over time has been established at practically all monitoring locations across the site as shown in the PCE concentration trend graphs presented in Appendix A. The PCE concentrations in May 2016 are generally at or near historic low values throughout the site.

4.0 SURFACE WATER SAMPLING AND MONITORING

The annual monitoring program for the site includes the collection of a surface water sample from one location on Long Branch Creek: SW-LC-1 East station located onsite at the southwest (downstream) property boundary.

After collection, the surface water sample was immediately placed on ice in preparation for delivery to Pace Analytical Laboratories. The surface water sample was submitted to Pace for analysis of VOCs by EPA Method 601/SM6200B. Field parameters including pH, conductivity, temperature, oxidation-reduction potential and dissolved oxygen were also collected for the surface water sample.

Table 5 presents the analytical results of the historical surface water sampling, including the May 2016 event. PCE was not detected in the surface water monitoring point, SW-LC-1 East, during the May 2016 sampling event. PCE has been detected at this location three times during past sample events (April 2006, August 2014, and May 2015). Syngenta will continue to monitor surface water at this location in accordance with the RAP.

5.0 CONCLUSIONS

Groundwater and surface water monitoring is currently being conducted to monitor the progress and effectiveness of monitored natural attenuation of the VOC-affected groundwater at the site. The following site characteristics are indicated by the monitoring results:

- Groundwater flows westward across the site, then southwesterly within the vicinity of Long Branch Creek.

- A decreasing trend of VOC concentrations is continuing at practically all groundwater monitoring locations across the site.

- The PCE concentrations in May 2016 are generally at or near historic low values throughout the site.

- PCE was not detected in the surface water monitoring point, SW-LC-1 East, during the May 2016 sampling event. PCE has been detected at this location three other times in past sampling events (April 2006, August 2014, and May 2015). Syngenta will continue to monitor surface water at this location in accordance with the RAP.

- The flush-mount wellhead of monitor well MW-1 was found damaged during the May 2016 sample event. Syngenta proposes to abandon well MW-1 and, instead, collect samples from well RW-1, which is the nearest downgradient well (Figure 1). Syngenta will make the proposal in a separate letter correspondence which will propose a number of wells for abandonment (wells no longer being used for sample collection).

The overall decreasing VOC concentration trend over time demonstrates that natural attenuation is occurring across the site. Monitored natural attenuation will continue as the approach to groundwater remediation at the site (in accordance with the RAP). The next sampling of the groundwater and surface water is scheduled for May 2017.

6.0 REFERENCES

ERM NC, Inc. 2015a. *Groundwater and Surface Water Monitoring - November 2014*, January.

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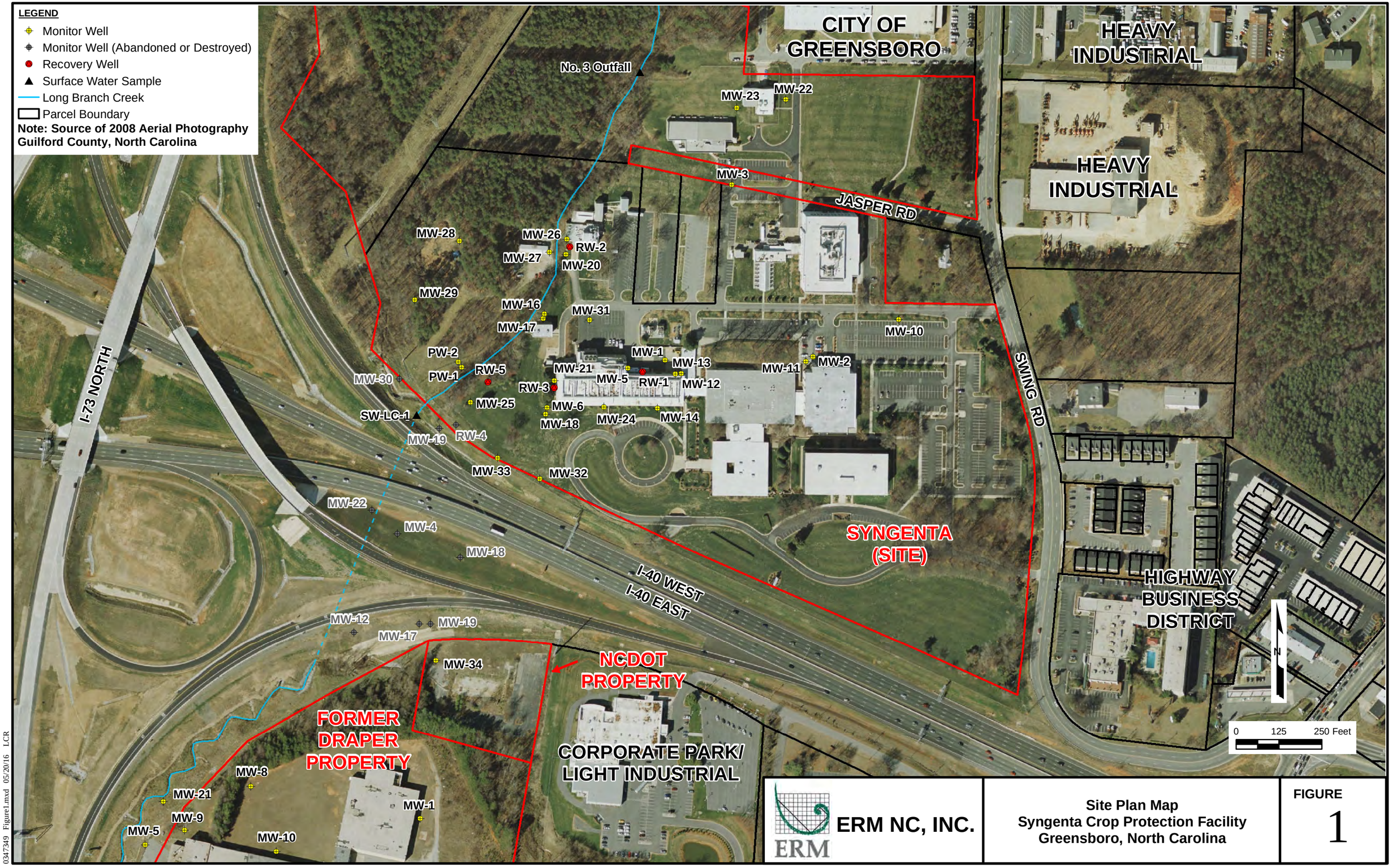
NCDENR. 2013. *Letter from John Walch to George Crouse of Syngenta Crop Protection re: Vapor Intrusion Assessment and Approval of Remedial Investigation Report*, Inactive Hazardous Sites Branch, September 6.

NCDENR. 2009. *Administrative Agreement for State-Directed Assessment and Remedial Action Pursuant to N.C.G.S. 130A-310.9(b), Docket Number 09-SF-305*, October 1.

Figures

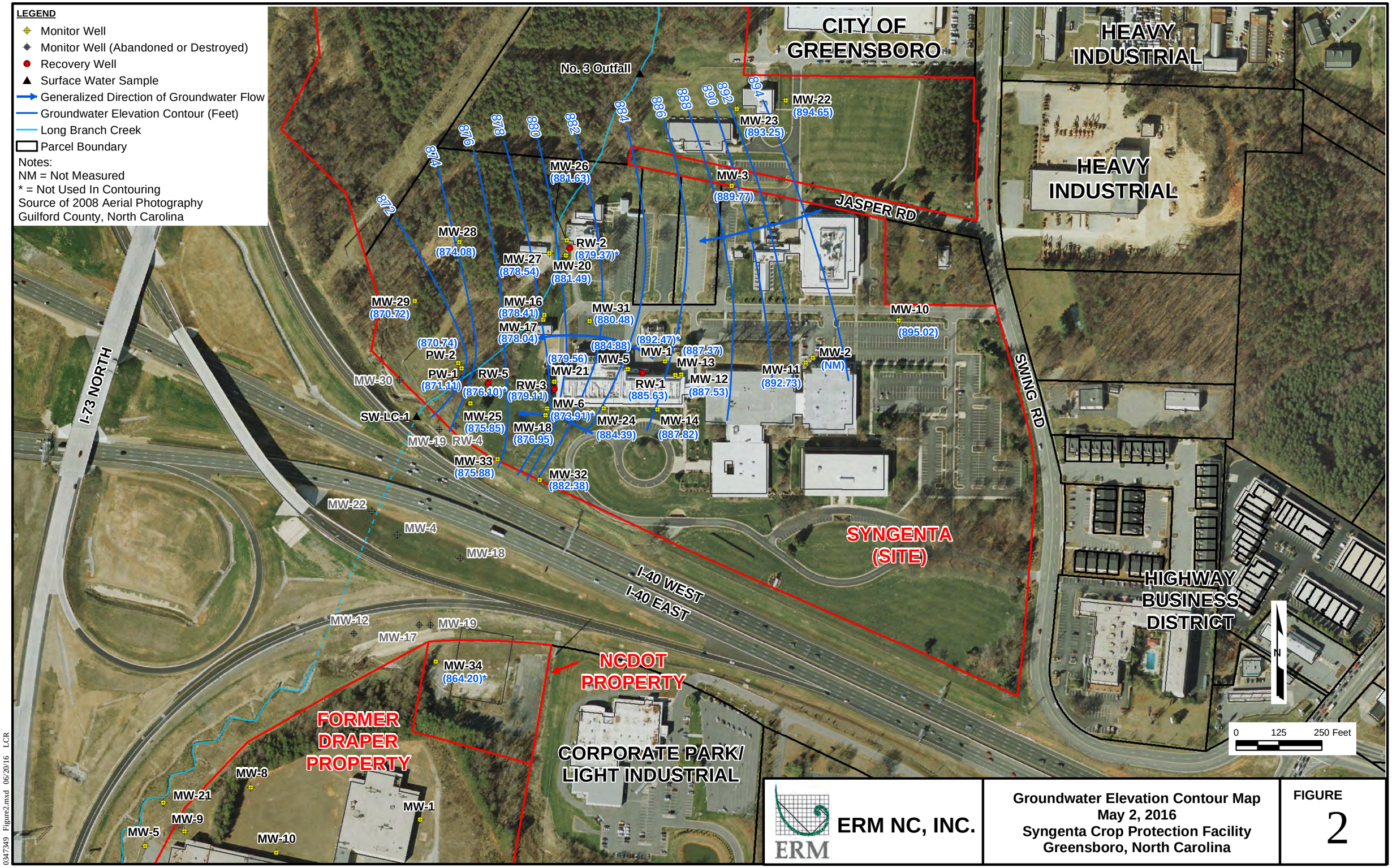


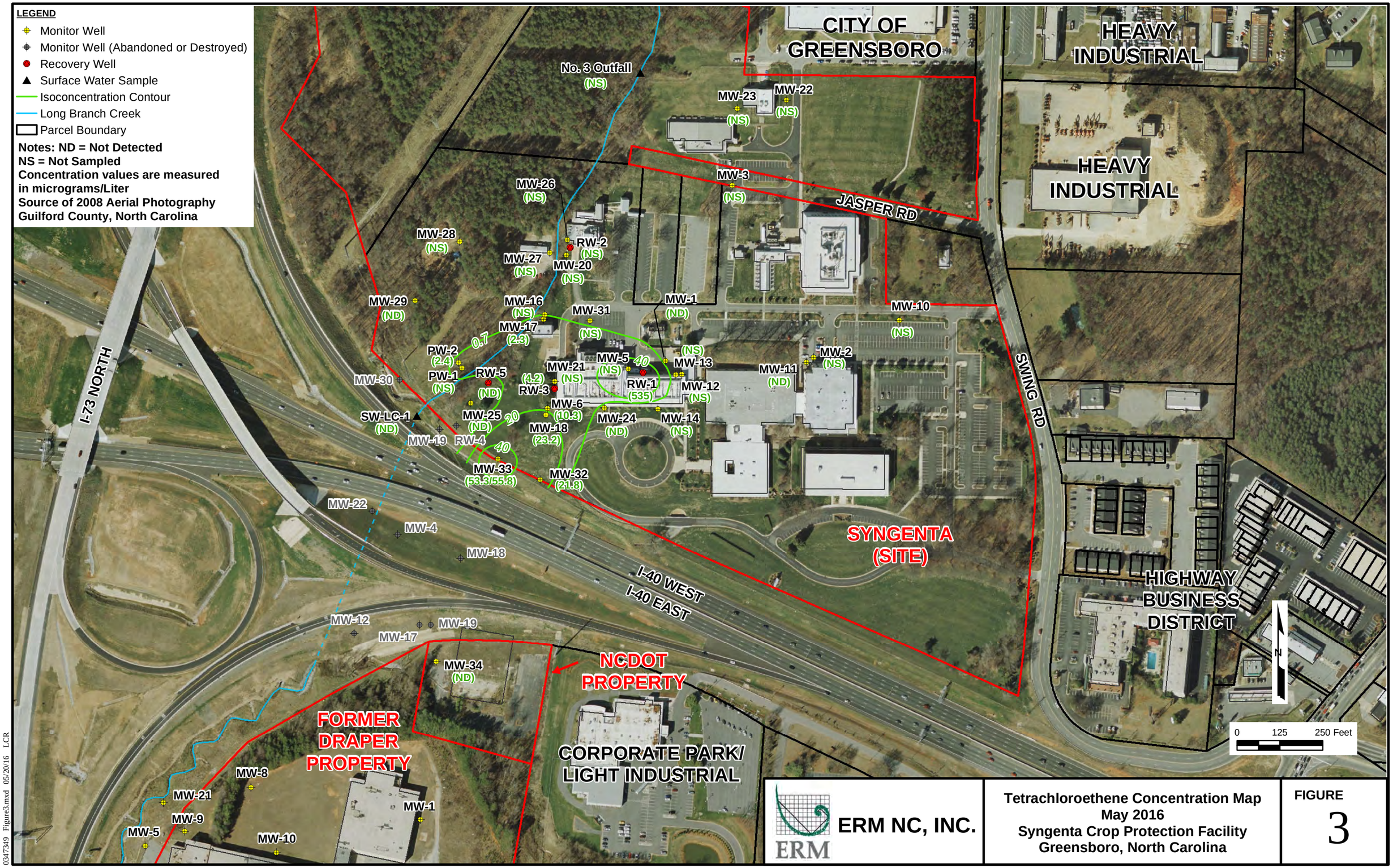
ERM NC, INC.

Site Plan Map
Syngenta Crop Protection Facility
Greensboro, North Carolina

FIGURE
1

0347349 Figure1.mxd 05/20/16 LCR


LEGEND
Monitor Well
Monitor Well (Abandoned or Destroyed)
Recovery Well
Surface Water Sample
Generalized Direction of Groundwater Flow
Groundwater Elevation Contour (Feet)
Long Branch Creek
Parcel Boundary
Notes:
NM = Not Measured
* = Not Used In Contouring
Source of 2008 Aerial Photography
Guilford County, North Carolina
CITY OF GREENSBORO
HEAVY INDUSTRIAL
HEAVY INDUSTRIAL
No. 3 Outfall
JASPER RD
SWING RD
I-73 NORTH
I-40 WEST
I-40 EAST
SYNGENTA (SITE)
HIGHWAY BUSINESS DISTRICT
NCDOT PROPERTY
FORMER DRAPER PROPERTY
CORPORATE PARK/ LIGHT INDUSTRIAL
MW-22 (894.65)
MW-23 (893.25)
MW-26 (881.63)
MW-3 (889.77)
MW-28 (874.08)
RW-2 (879.37)*
MW-27 (878.54)
MW-20 (881.49)
MW-29 (870.72)
MW-16 (878.41)
MW-31 (880.48)
MW-10 (895.02)
MW-17 (878.04)
(870.74) PW-2
(884.88)
(892.47)*
MW-1
(887.37)
MW-13
(879.56)
MW-5
MW-2 (NM)
PW-1 (871.11)
RW-5 (876.10)*
MW-21
MW-11 (892.73)
MW-30
RW-3 (879.11)
RW-1 (885.63)
MW-12 (887.53)
MW-6 (873.91)*
SW-LC-1
MW-25 (875.85)
MW-24 (884.39)
MW-14 (887.82)
MW-18 (876.95)
MW-19
RW-4
MW-33 (875.88)
MW-32 (882.38)
MW-22
MW-4
MW-18
MW-12
MW-19
MW-17
MW-34 (864.20)*
MW-8
MW-21
MW-9
MW-5
MW-10
MW-1
872
874
876
878
880
882
884
886
888
890
892
894
0 125 250 Feet
N
ERM NC, INC.
Groundwater Elevation Contour Map
May 2, 2016
Syngenta Crop Protection Facility
Greensboro, North Carolina
FIGURE
2
0347349 Figure2.mxd 06/20/16 LCR


LEGEND
Monitor Well
Monitor Well (Abandoned or Destroyed)
Recovery Well
Surface Water Sample
Isoconcentration Contour
Long Branch Creek
Parcel Boundary
Notes: ND = Not Detected
NS = Not Sampled
Concentration values are measured in micrograms/Liter
Source of 2008 Aerial Photography Guilford County, North Carolina
CITY OF GREENSBORO
HEAVY INDUSTRIAL
HEAVY INDUSTRIAL
JASPER RD
SWING RD
I-73 NORTH
I-40 WEST
I-40 EAST
SYNGENTA (SITE)
HIGHWAY BUSINESS DISTRICT
NCDOT PROPERTY
FORMER DRAPER PROPERTY
CORPORATE PARK/ LIGHT INDUSTRIAL
No. 3 Outfall (NS)
MW-23 (NS)
MW-22 (NS)
MW-3 (NS)
MW-26 (NS)
MW-28 (NS)
RW-2 (NS)
MW-27 (NS)
MW-20 (NS)
MW-29 (ND)
MW-16 (NS)
MW-31 (NS)
MW-1 (ND)
MW-10 (NS)
MW-17 (2.3)
PW-2 (2.4)
PW-1 (NS)
MW-30
RW-5 (ND)
MW-21 (NS)
MW-5 (NS)
RW-1 (535)
MW-13 (NS)
MW-12 (NS)
MW-11 (ND)
MW-2 (NS)
RW-3 (4.2)
MW-6 (10.3)
SW-LC-1 (ND)
MW-25 (ND)
MW-18 (23.2)
MW-24 (ND)
MW-14 (NS)
MW-19
RW-4
MW-33 (53.3/55.8)
MW-32 (21.8)
0.7
2.0
40
MW-22
MW-4
MW-18
MW-12
MW-17
MW-19
MW-34 (ND)
MW-8
MW-21
MW-9
MW-5
MW-10
MW-1
0
125
250 Feet
N
ERM NC, INC.
Tetrachloroethene Concentration Map
May 2016
Syngenta Crop Protection Facility
Greensboro, North Carolina
FIGURE
3
0347349 Figure3.mxd 05/20/16 LCR

Tables

TABLE 5
SURFACE WATER ANALYTICAL RESULTS SUMMARY
SYNGENTA CROP PROTECTION
410 SWING ROAD
GREENSBORO, NORTH CAROLINA

			Volatile Organic Compounds - EPA Method 601/SM6200B (ug/l)							EPA Method 619 (ug/l)
Sample Identification	Location Description	Date	cis-1,2-Dichloroethene (cis-1,2-DCE)	trans-1,2-Dichloroethene (trans-1,2-DCE)	1,1-Dichloroethene (1,1-DCE)	1,1,1-Trichloroethane (1,1,1-TCA)	Trichloroethylene (TCE)	Tetrachloroethene (PCE)	Chloroform	Atrazine
Outfall #3	Long Branch Crk. - East Fork (1000 ft upstream of LLWeir)	3/5/96	--	--	--	--	--	--	--	ND
		9/4/96	--	--	--	--	--	--	--	ND
		3/26/97	--	--	--	--	--	--	--	ND
		9/29/97	--	--	--	--	--	--	--	ND
		2/25/98	--	--	--	--	--	--	--	ND
		9/11/98	--	--	--	--	--	--	--	--
		2/24/99	--	--	--	--	--	--	--	--
		9/2/99	--	--	--	--	--	--	--	--
		10/6/99	--	--	--	--	--	--	--	--
		3/13/00	--	--	--	--	--	--	--	ND
		8/24/00	--	--	--	--	--	--	--	ND
		3/8/01	--	--	--	--	--	--	--	--
		10/2/01	--	--	--	--	--	--	--	--
		1/25/02	ND	ND	ND	ND	ND	ND	ND	0.76
		4/2/02	ND	ND	ND	ND	ND	ND	ND	ND
		7/18/02	Dry - Not Sampled							
		10/10/02	Dry - Not Sampled							
		4/2/03	ND	ND	ND	ND	ND	ND	ND	ND
		10/28/03	--	ND	ND	ND	ND	ND	ND	ND
		4/19/04	--	ND	ND	ND	ND	ND	ND	ND
		10/21/04	--	ND	ND	ND	ND	ND	ND	ND
		4/14/05	--	ND	ND	ND	ND	ND	ND	ND
		10/11/05	--	ND	ND	ND	ND	ND	ND	ND
		4/25/06	--	ND	ND	ND	ND	ND	ND	ND
		10/19/06	ND	ND	ND	ND	ND	ND	ND	ND
		4/18/07	ND	ND	ND	ND	ND	ND	ND	ND
		10/9/07	Dry - Not Sampled							
		5/13/08	ND	ND	ND	ND	ND	ND	ND	ND
		11/12/08	ND	ND	ND	ND	ND	ND	ND	ND
		5/18/09	ND	ND	ND	ND	ND	ND	ND	ND
		8/2/11	Dry - Not Sampled							
		5/6/14	Not Sampled							
LL Weir 1 (Destoyed)	Long Branch Crk. at I-40 (downstream property line)	5/18/88	ND	ND	ND	ND	ND	ND	ND	ND/1.2
		12/28/88	ND	ND	ND	ND	ND	ND	ND	--
		3/5/96	--	--	--	--	--	--	--	ND
		9/4/96	--	--	--	--	--	--	--	ND
		3/26/97	--	--	--	--	--	--	--	ND
		9/29/97	--	--	--	--	--	--	--	ND
		2/25/98	--	--	--	--	--	--	--	ND
		9/11/98	--	--	--	--	--	--	--	ND
		2/24/99	--	--	--	--	--	--	--	ND
		9/2/99	--	--	--	--	--	--	--	ND
		10/6/99	ND	ND	ND	ND	ND	ND	ND	--
		3/13/00	--	--	--	--	--	--	--	ND
		8/24/00	--	--	--	--	--	--	--	ND
		3/8/01	--	--	--	--	--	--	--	ND
		10/2/01	--	--	--	--	--	--	--	--
		1/25/02	ND	ND	ND	ND	ND	ND	ND	ND
		4/2/02	ND	ND	ND	ND	ND	**1.2**	ND	0.77
		7/18/02	Dry - Not Sampled							
		10/10/02	Dry - Not Sampled							
		4/2/03	ND	ND	ND	ND	ND	**1.3**	ND	ND
		10/28/03	--	ND	ND	ND	ND	ND	ND	ND
		4/19/04	--	ND	ND	ND	ND	ND	ND	ND
		10/21/04	--	ND	ND	ND	ND	ND	ND	ND
		4/12/05	--	ND	ND	ND	ND	ND	ND	ND
		10/11/05	--	ND	ND	ND	ND	ND	ND	ND
SW-LC-1 East	East Fork Long Branch Creek (near I-40) downstream property line	4/25/06	--	ND	ND	ND	ND	**1.2**	ND	ND
		8/24/06	--	ND	ND	ND	ND	ND	ND	--
		10/19/06	--	ND	ND	ND	ND	ND	ND	ND
		4/17/07	--	ND	ND	ND	ND	ND	ND	ND
		10/9/07	Dry - Not Sampled							
		5/13/08	ND	ND	ND	ND	ND	ND	ND	ND
		11/12/08	ND	ND	ND	ND	ND	ND	ND	0.41
		5/18/09	ND	ND	ND	ND	ND	ND	ND	ND
		8/2/11	Dry - Not Sampled							
		5/6/14	ND	ND	ND	ND	ND	ND	ND	--
		8/5/14	ND	ND	ND	ND	ND	**4.0**	ND	--
		11/18/14	ND	ND	ND	ND	ND	ND	ND	--
		2/3/15	ND	ND	ND	ND	ND	ND	ND	--
		5/4/15	ND	ND	ND	ND	ND	**1.6**	ND	--
		5/4/16	ND	ND	ND	ND	ND	ND	ND	--
Surface Water Standard			60	140	330	2,500	2.5	0.7	5.6	640

ND = Not detected

"--" = Not analyzed

Note: Surface water sampling station "LL Weir" was destroyed in 2006 by highway construction at I-40.

Surface water sampling station "SW-LC-1 EAST" established in April 2006 at location approximately 50 feet upstream of former "LL Weir" sampling location on east fork of Long Branch Creek.

Surface Water Standards are from North Carolina Department of Environment and Natural Resources NC 2B and EPA Criteria Table dated May 15, 2013, and are either adopted per 15A NCAC 2B or are National Criteria per EPA.

TABLE 5
SURFACE WATER ANALYTICAL RESULTS SUMMARY
SYNGENTA CROP PROTECTION
410 SWING ROAD
GREENSBORO, NORTH CAROLINA

Sample Identification	Location Description	Date	Volatile Organic Compounds - EPA Method 601/SM6200B (ug/l)							EPA Method 619 (ug/l)
			cis-1,2-Dichloroethene (cis-1,2-DCE)	trans-1,2-Dichloroethene (trans-1,2-DCE)	1,1-Dichloroethene (1,1-DCE)	1,1,1-Trichloroethane (1,1,1-TCA)	Trichloroethylene (TCE)	Tetrachloroethene (PCE)	Chloroform	Atrazine
Pump Station (Abandoned)	Long Branch Crk. - 0.5 miles Downstream of Site	5/18/88	ND	ND	ND	ND	ND	ND	ND	ND/ND/1.6
		12/28/88	ND	ND	ND	ND	ND	ND	ND	--
		3/5/96	--	--	--	--	--	--	--	ND
		9/4/96	--	--	--	--	--	--	--	ND
		3/26/97	--	--	--	--	--	--	--	ND
		9/29/97	--	--	--	--	--	--	--	ND
		2/25/98	--	--	--	--	--	--	--	ND
		9/11/98	--	--	--	--	--	--	--	ND
		2/24/99	--	--	--	--	--	--	--	ND
		9/2/99	--	--	--	--	--	--	--	ND
		10/6/99	--	--	--	--	--	--	--	--
		3/13/00	--	--	--	--	--	--	--	ND
		8/24/00	--	--	--	--	--	--	--	ND
		3/8/01	--	--	--	--	--	--	--	ND
		10/2/01	--	--	--	--	--	--	--	ND
		1/25/02	ND	ND	ND	ND	ND	ND	ND	ND
		4/2/02	ND	ND	ND	ND	ND	ND	ND	ND
		7/18/02	Dry - Not Sampled							
		10/10/02	Dry - Not Sampled							
		4/2/03	ND	ND	ND	ND	ND	ND	ND	ND
		10/28/03	--	ND	ND	ND	ND	ND	ND	ND
		4/19/04	--	ND	ND	ND	ND	ND	ND	ND
		10/21/04	--	ND	ND	ND	ND	ND	ND	ND
		4/14/05	--	ND	ND	ND	ND	ND	1.8	ND
		10/11/05	--	ND	ND	ND	ND	ND	ND	ND
		4/25/06	--	ND	ND	ND	ND	ND	ND	ND
Dead End Station	Long Branch Crk. - 0.4 miles Downstream of Site	10/19/06	ND	ND	ND	ND	ND	ND	ND	ND
		4/17/07	ND	ND	ND	ND	ND	ND	ND	ND
		10/9/07	Dry - Not Sampled							
		5/13/08	ND	ND	ND	ND	ND	ND	ND	ND
		11/12/08	ND	ND	ND	ND	ND	ND	ND	ND
		5/18/09	ND	ND	ND	ND	ND	ND	ND	ND
		8/2/11	ND	ND	ND	ND	ND	ND	ND	--
Surface Water Standard			60	140	330	2,500	2.5	0.7	5.6	640

ND = Not detected

"--" = Not analyzed

Results of split sample analyses shown separated by slash (/).

Bold type indicates concentration exceeds respective NC surface water quality standard.

Note: Surface water sampling station "Pump Station" was abandoned in October 2006 due to access restrictions caused by highway construction at I-40.

Surface Water Standards are from North Carolina Department of Environment and Natural Resources NC 2B and EPA Criteria Table dated May 15, 2013, and are either adopted per 15A NCAC 2B or are National Criteria per EPA.

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
MW-1	1/24-25/02	6.72	609	18.9	999+	8.96	250	130	ND	3.3	ND	
	4/01-04/02	6.5	854	16.7	--	7.61	328	270	ND	2.6	6.9	ND
	7/17-18/02	6.1	140	22.1	62.00	239	62	--	--	--	--	--
	10/9-11/02	--	--	--	--	--	--	--	--	--	--	--
	4/1-4/3/03	6.26	3580	13.7	815	8.89	316	1000	ND	2.6	16	1.9
	10/27-28/03	5.7	5400	23.6	999+	8.12	374	660	ND	3.4	23	--
	4/19-4/20/04	6.43	1990	16.27	999+	10.32	362	520	0.6	2.8	22	1.6
	10/20-21/04	5.81	2630	21.51	999+	7.33	268	860	ND	3.2	19	1.8
	4/11-12/05	6.07	4280	15.92	999+	10.31	141	1200	ND	4.2	30	0.77
	10/10/05	--	Not enough water in well for parameters					170	ND	3.9	8.4	0.53
	4/24-25/06	5.9	166	18.07	899	10.12	247	390	0.6	4.2	11	4.1
	10/19-20/06	5.99	2400	22.73	15	6.62	317	820	ND	4.5	15	ND
	4/16-4/18/07	5.11	394	16.7	481	--	251	1,100	ND	4.8	17	1.0
	10/8-9/07	6.59	845	21.3	713	7.44	177	392	ND	4.2	8.6	1.0
	5/12-13/08	5.84	2,770	15.02	555	9.04	259	566	ND	3.6	16.7	7.4
	11/13/08	5.27	1,880	19.27	999+	11.35	161	498	1.5	2.8	13.8	6.1
	5/19/09	6.18	2,100	19.2	662	13.67	224	553	ND	4	9.5	2.9
	8/2/11	6.32	1,310	25.44	999+	1.80	292	302	ND	3.5	8.6	3.1
	5/7/14	6.55	394	15.8	306	1.18	198	--	--	--	--	--
	8/7/14	8.06	324	21.63	999+	3.35	-107	--	--	--	--	--
	11/18/2014	4.9	162	16.16	889	4.71	223	--	--	--	--	--
	2/3/2015	6.39	175	14.94	1,000+	5.6	143	--	--	--	--	--
	5/5/2015	6.91	73	16.72	1,000+	10.4	-140	--	--	--	--	--
	5/5/2016	7.69	75	17.56	990	4.2	95	--	--	--	--	--
MW-6	1/24-25/02	6.19	377	16.9	400	8.20	270	24	ND	0.51	5.9	2.5
	4/01-04/02	6.1	328	17.3	--	--	275	40	ND	0.5	5.3	2.1
	7/17-18/02	6.0	373	18.2		7.29	80	40	ND	0.49	5.9	4.4
	10/9-11/02	6.48	376	17.2	5.2	8.28	91	42	ND	0.51	5.4	4.4
	11/4/02	6.30	340	17.3	--	--	--	--	--	--	--	--
	4/1-4/3/03	5.94	318	16.3	174	5.2	234	32	ND	0.66	8.4	1.6
	10/27-28/03	5.87	392	17.8	136	2.52	354	47	ND	2.2	10	--
	4/19-4/20/04	6.04	389	19.4	65.8	9.27	310	47	ND	1.7	11	5.4
	10/20-21/04	5.9	392	16.69	658	2.81	294	50	ND	1.6	12	2.5
	4/11-12/05	5.8	289	16.92	237	6.41	149	41	ND	1.8	12	2.6
	10/10/05	--	Not enough water in well for parameters					38	ND	1.3	9.5	1.8
	4/24-25/06	5.83	423	18.08	33.2	5.25	124	40	ND	1.0	13	19
	10/19-20/06	6.31	414	19.11	11.8	3.71	277	43	ND	1.6	12	2.5
	4/16-4/18/07	6.08	462	16	228	--	221	39	ND	2.6	16	5.5
	10/8-9/07	5.98	227	17.5	263	4.86	152	46.5	ND	1.4	14.1	7.4
	5/12-13/08	5.54	429	16.35	30	7	258	39.7	ND	2.2	13.6	35.3
	11/12/08	4.95	414	15.89	999+	10.05	220	42.9	1.5	1.7	21.5	13.5
	5/19/09	6.02	340	18.88	265	8.51	210	44.6	ND	2.7	17	8.3
	8/2/11	5.75	452	21.72	51	1.76	247	49.6	ND	3.0	13.3	6.5
	5/7/14	5.36	363	16.74	878	3.29	254	--	--	--	--	--
	8/6/14	5.75	401	21.28	80.4	4.41	228	--	--	--	--	--
	11/19/2014	4.65	367	15.63	72	1.62	26	--	--	--	--	--
	2/3/2015	5.25	437	13.8	116	5.4	128	--	--	--	--	--
	5/5/2015	5.78	261	18.23	41.6	6.92	73	--	--	--	--	--
	5/4/2016	5.65	464	17.12	8.1	8.85	188	--	--	--	--	--
MW-10	1/24-25/02	6.20	55.0	18.0	231	6.42	219	--	--	--	--	--
	4/01-04/02	5.9	36.0	17.2	--	5.15	382	--	--	--	--	--
	7/17-18/02	5.7	43.0	21.1	42.0	7.81	64	--	--	--	--	--
	10/9-11/02	5.27	106	19.5	173	6.82	184	--	--	--	--	--
	4/1-4/3/03	5.69	50	15.4	0	3.38	291	--	--	--	--	--
	10/27-28/03	4.99	114	17.5	0	5.79	311	--	--	--	--	--
	4/19-4/20/04	5.77	75	20.7	173	18.32	385	--	--	--	--	--
	10/20-21/04	4.93	84	18.09	999+	7.2	409	--	--	--	--	--
	4/11-12/05	5.8	37	20.45	20.8	9.16	183	--	--	--	--	--
	10/10/2005	7.01	55	18.23	59.2	5.27	293	--	--	--	--	--
	4/24-25/06	6.03	60	19.81	118.0	6.65	121	--	--	--	--	--
	10/19-20/06	7.19	66	19.13	286	7.51	303	--	--	--	--	--
	4/16-4/18/07	5.47	93	20.2	872	--	226	--	--	--	--	--
	10/8-9/07	6.09	31	20	404	7.1	220	--	--	--	--	--
	5/12-13/08	5.09	245	14.54	492	13.45	319	--	--	--	--	--
	11/13/08	5.1	51	18.08	999+	10.8	251	--	--	--	--	--
	5/18/09	7.99	94	22.45	999+	10.66	215	--	--	--	--	--
	8/2/11	5.52	63	20.05	479	6.99	322	--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
MW-11	1/24-25/02	4.22	115	19.8	238	5.78	353	--	--	--	--	--
	4/01-04/02	4.2	106.4	21.2	--	3.59	377	--	--	--	--	--
	7/17-18/02	4.1	1,000	22.2		78	7	--	--	--	--	--
	10/9-11/02	4.42	1,120	20.1	101	6.56	232	--	--	--	--	--
	11/4/02	4.91	1,254	18.7	--	--	--	--	--	--	--	--
	4/1-4/3/03	4.25	1,270	14.8	10.6	4.91	387	--	--	--	--	--
	10/27-28/03	3.85	1,660	21.1	999+	8.07	342	--	--	--	--	--
	4/19-4/20/04	4.04	2,260	20.86	388	10.54	391	--	--	--	--	--
	10/20-21/04	4.50	1,940	19.99	999+	7.22	321	--	--	--	--	--
	4/11-12/05	5.83	370	--	20.3	--	--	--	--	--	--	--
	10/10/05	4.42	1,730	19.13	436	5.01	390	--	--	--	--	--
	4/24-25/06	3.85	1,940	21.45	512	7.66	241	--	--	--	--	--
	10/19-20/06	4.15	1,500	20.69	46.2	6.42	356	--	--	--	--	--
	4/16-4/18/07	4.32	2,030	21.3	296	--	294	--	--	--	--	--
	10/8-9/07	3.93	198	23.1	371	6.94	305	--	--	--	--	--
	5/12-13/08	3.68	2,470	15.88	551	13.5	409	--	--	--	--	--
	11/12/08	3.55	2,080	18.86	999+	11.67	381	--	--	--	--	--
	5/18/09	4.11	1,990	23.93	720	12.52	385	--	--	--	--	--
	8/2/11	3.86	3,520	25.81	108	6.33	419	--	--	--	--	--
	5/6/14	3.22	2,680	19.19	60	5.50	316	--	--	--	--	--
	8/5/14	4.3	2,500	22.62	881	12.13	269	--	--	--	--	--
	11/18/14	2.48	2,770	15.54	160	4.72	320	--	--	--	--	--
	02/03/15	3.98	2,850	18.32	1,000+	6.23	235	--	--	--	--	--
	05/05/15	4.2	1,920	20.86	17.5	8.8	167	--	--	--	--	--
	05/03/16	3.85	3,200	22.1	38.2	8.93	291	--	--	--	--	--
MW-17	1/24-25/02	6.47	220	16.8	358	8.99	191	7.2	ND	0.80	5.4	ND
	4/01-04/02	6.5	110	17.1	--	4.31	299	6.3	ND	0.85	4.3	ND
	7/17-18/02	6.9	145	18.0		4.28	251	7.9	ND	0.84	4.6	9.1
	10/9-11/02	6.48	140	17.0	999+	6.55	113	8.2	ND	0.82	4.7	ND
	4/1-4/3/03	6.37	132	17.1	999+	8.23	221	54	ND	0.91	7.1	0.78
	10/27-28/03	6.48	163	17.3	999+	7.46	314	13	ND	0.67	10	--
	4/19-4/20/04	6.78	16	16.0	891	12.44	288	17	0.6	0.67	28	12.0
	10/20-21/04	6.31	153	16.8	999+	8.57	210	16	ND	0.86	12	1.9
	4/11-12/05	6.44	120	17.4	267	8.91	142	21	ND	1.1	11	ND
	10/10/05	6.16	206	17.8	342	5.49	348	17	ND	1.0	7.9	ND
	4/24-25/06	6.29	168	18.1	281	8.75	118	13	ND	0.87	8.0	5.3
	10/19-20/06	6.89	178	17.62	225	6.69	213	15	ND	0.97	8.6	ND
	4/16-4/18/07	5.95	201	16.7	203	--	155	15	ND	1.2	7.3	ND
	10/8-9/07	6.54	96	17.3	200	6.82	142	15.5	ND	1.1	17	2
	5/12-13/08	5.98	221	16.91	502	15.5	134	16.3	ND	1.3	7.2	16.8
	11/13/08	5.42	201	16.68	999+	10.18	112	18.5	ND	1.1	10.9	5.2
	5/19/09	6.39	171	16.44	382	10.30	126	12.0	<0.50	1.6	<5.0	2.1
	8/2/11	6.24	227	18.05	99	4.10	197	19.7	ND	2.0	5.9	14.5
	5/6/14	5.99	200	16.57	139	3.40	169	--	--	--	--	--
	8/7/14	6.65	256	20.26	62.7	3.18	135	--	--	--	--	--
	11/17/14	5.08	271	16.51	105	2.31	126	--	--	--	--	--
	2/2/15	6.12	316	16.35	345	3.86	68	--	--	--	--	--
	5/4/15	6.08	175	17.4	31	9.33	32.8	--	--	--	--	--
	5/3/16	5.8	270	18.72	62.1	3.35	172	--	--	--	--	--
MW-18	1/24-25/02	6.00	180	16.5	999+	8.31	269	20	ND	0.83	8.7	ND
	4/01-04/02	6.0	255	18.0	--	3.20	282	20	ND	0.78	7.4	ND
	7/17-18/02	6.3	203	18.2		7.82	83	20	ND	0.79	8.2	1.5
	10/9-11/02	5.55	249	17.2	22.4	6.28	162	22	ND	0.80	8.6	ND
	11/4/02	6.39	205	15.0	--	--	--	--	--	--	--	--
	4/1-4/3/03	6.02	196	16.6	999+	5.51	238	22	ND	0.78	9.4	0.56
	10/27-28/03	5.91	233	17.3	999+	4.69	344	25	ND	0.62	11	--
	4/19-4/20/04	6.12	293	17.3	237	8.39	281	41	ND	0.79	20	2.8
	10/20-10/21/04	6.18	204	16.44	999+	4.13	85	24	ND	0.45	20	3.8
	4/11-12/05	5.92	209	17.49	69.6	6.72	63	28	ND	0.4	23	2.7
	10/10/2005	6.33	262	16.87	76.2	3.96	338	30	ND	0.88	12	ND
	4/24-25/06	5.89	268	17.85	300	8.27	127	26	ND	0.99	14	10
	10/19-20/06	6.41	263	20.24	53.3	4.25	107	25	ND	0.46	13	2.2
	4/16-4/18/07	5.84	288	16.6	570	--	83	20	1	0.21	35	9.3
	10/8-9/07	5.98	148	16.8	66.1	6.05	179	28.2	ND	0.45	15.8	4.5
	5/12-13/08	5.57	319	15.6	170	6.79	240	26.9	ND	0.95	14.5	35.8
	11/12/08	5.32	273	16.18	329	11.29	215	29.8	ND	1.0	16.3	13.2
	5/19/09	5.75	240	17.1	195	7.52	199	28	ND	1.2	20.2	6.1
	8/2/11	5.53	312	21.34	30	1.01	287	33.1	ND	1.7	20.2	4.1
	5/7/14	5.48	249	16.57	134	1.66	240	--	--	--	--	--
	8/6/14	5.93	294	20.16	54.4	3.72	217	--	--	--	--	--
	11/19/14	4.84	294	15.37	120	1.52	206	--	--	--	--	--
	2/3/15	5.2	322	15.98	260	5.51	164	--	--	--	--	--
	5/5/15	5.77	179	18.49	385	5.84	76	--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
	5/5/16	5.65	307	17.32	165	3.65	171	--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
MW-19	1/24-25/02	6.25	768	15.8	84.7	8.83	253	4.6	ND	0.39	18	6.0
	4/01-04/02	--	--	--	--	--	--	93	ND	0.2	20	2.8
	7/17-18/02	7.1	383	18.5		7.7	92.0	40	ND	ND	16	14
	10/9-11/02	6.36	374	17.6	-1.1	1.46	109	30	ND	ND	15	7.4
	4/1-4/3/03	6.19	237	14.5	203	4.99	173	15	ND	0.4	9.4	2.7
	10/27-28/03	6.36	363	16.5	457	5.89	246	19	ND	ND	13	--
	4/19-4/20/04	6.58	311	16.24	92	12.13	280	27	ND	0.45	14	3.4
	10/20-10/21/04	--	--	well abandoned			--	--	--	--	--	--
MW-24	10/27-28/03	6.62	339	19.0	999+	7.59	342	--	--	--	--	--
	4/19-4/20/04	7.01	344	21.24	999	19.99	328	--	--	--	--	--
	10/20-21/04	6.34	303	18.49	999+	7.21	177	--	--	--	--	--
	4/11-12/05	6.68	262	17.94	585	9.26	137	--	--	--	--	--
	10/10/05	--	--	--	--	Dry	--	--	--	--	--	--
	4/24-25/06	--	--	--	--	Dry	--	--	--	--	--	--
	10/19-20/06	6.95	546	19.74	65.4	7.68	34	--	--	--	--	--
	4/16-4/18/07	6.77	527	18.3	962	--	260	--	--	--	--	--
	5/12-13/08	5.81	642	15.62	999+	16.23	211	--	--	--	--	--
	11/13/08	5.84	617	15.04	999+	12.18	197	--	--	--	--	--
	5/18/09	6.36	428	17.97	313	13.87	197	--	--	--	--	--
	8/2/11	6.19	552	22.97	110	7.57	289	--	--	--	--	--
	5/6/14	6.06	517	19.97	105	6.45	226	--	--	--	--	--
	8/6/14	6.72	417	21.21	271	8.19	191	--	--	--	--	--
	11/18/14	5.34	490	16.36	327	5.43	140	--	--	--	--	--
	2/3/15	5.85	541	17.89	275	6.76	153	--	--	--	--	--
	5/5/15	6.26	324	18.39	297	8.92	26	--	--	--	--	--
	5/5/16	6.33	611	18.01	76.7	5.60	160	--	--	--	--	--
MW-25	8/1/11	5.11	267	24.10	545	0.44	93	--	--	--	--	--
	5/6/14	3.86	158	14.52	19	0.56	282	--	--	--	--	--
	8/6/14	5.07	229	20.23	66.2	1.92	196	--	--	--	--	--
	11/18/2014	4.00	316	14.92	126	1.51	198	--	--	--	--	--
	2/3/2015	4.78	430	15.55	400	2.39	411	--	--	--	--	--
	5/5/2015	5.5	225	15.42	281	5.50	72	--	--	--	--	--
	5/3/2016	4.38	192	15.80	29.4	8.90	187	--	--	--	--	--
MW-26	1/24-25/02	6.23	5.00	17.2	345	8.87	60	94	ND	0.28	57	3.2
	4/01-04/02	--	--	--	--	--	--	26	ND	68	26	2.2
	7/17-18/02	6.18	839.00	18.00	239.00	6.80	65.0	49	0.60	ND	13	5.5
	10/9-11/02	6.18	690	17.5	266	5.34	-55	51	ND	ND	12	2.0
	4/1-4/3/03	5.73	879	16.8	443	4.45	282	180	ND	9.1	93	5.9
	10/27-28/03	6.51	1200	17.0	0	2.75	51	190	ND	ND	29	--
	4/19-4/20/04	6.9	336	17.6	460	19.4	325	150	4	0.14	15	12
	10/20-21/04	5.56	813	17.7	197	6.79	19	93	ND	ND	24	3.7
	4/11-12/05	6.45	674	17.56	296	5.59	**-51**	**22,000**	2.9	ND	**970**	4.9
	10/10/05	--	--	--	--	Dry	--	--	--	--	--	--
	4/24-25/06	6.25	798	19.19	431	7.76	-53	56	ND	ND	7.8	28
	10/19-20/06	6.89	756	20.04	70	4.1	14	49	ND	ND	5.9	3.2
	4/16-4/18/07	5.81	723	17.2	999+	--	17	53	3.5	ND	66	4.6
	10/8-9/07	6.15	387	21.5	198	2.68	-53	43.7	ND	ND	10.3	9.8
	5/12-13/08	5.75	928	16.97	999+	3.73	-33	42.3	0.6	ND	8.1	50.9
	11/13/08	5.4	68	15.89	999+	8.56	-9	39.5	ND	ND	7.3	32.4
	5/19/09	6.38	449	21.81	999+	10.29	-2	44.2	4.8	<0.10	<5.0	10.5
	8/2/11	6.19	590	23.42	999+	1.35	-2	34.0	ND	<0.20	6.9	7.8
MW-27	1/24-25/02	6.11	299	15.9	999+	8.37	224	--	--	--	--	--
	4/01-04/02	6.2	229	16.0	--	3.86	270	--	--	--	--	--
	7/17-18/02	6.3	284	18.0	999	5.95	82	--	--	--	--	--
	10/9-11/02	6.13	286	20.1	999+	6.26	120	--	--	--	--	--
	4/1-4/3/03	6.13	218	14.1	999+	6.38	248	--	--	--	--	--
	10/27-28/03	6.45	247	17.8	404	3.57	268	--	--	--	--	--
	4/19-4/20/04	6.54	322	20.1	368	12.54	299	--	--	--	--	--
	10/20-21/04	6.11	267	18.79	999+	5.95	213	--	--	--	--	--
	10/10/05	--	--	--	Not Sampled			--	--	--	--	--
	4/24-25/06	--	--	--	Not Sampled			--	--	--	--	--
	10/19-20/04	--	--	--	Not Sampled			--	--	--	--	--
	4/16-4/18/07	--	--	--	Not Sampled			--	--	--	--	--
	10/8-9/07	--	--	--	Not Sampled			--	--	--	--	--
	5/12-13/08	--	--	--	Not Sampled			--	--	--	--	--
	11/12-13/08	--	--	--	Not Sampled			--	--	--	--	--
	5/18-19/09	--	--	--	Not Sampled			--	--	--	--	--
	8/1-2/11	--	--	--	Not Sampled			--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
MW-29	1/24-25/02	6.48	224	14.6	999+	8.87	204	--	--	--	--	--
	4/01-04/02	6.7	207	14.2	--	2.91	280	--	--	--	--	--
	7/17-18/02	6.2	613	17.9	34.4	68	13	--	--	--	--	--
	10/9-11/02	6.74	250	15.9	999+	7.22	113	--	--	--	--	--
	4/1-4/3/03	6.2	208	12.9	999+	1.72	152	--	--	--	--	--
	10/27-28/03	6.17	266	15.7	999+	4.01	265	--	--	--	--	--
	4/19-4/20/04	6.41	240	13.87	999	10.77	260	--	--	--	--	--
	10/20-21/04	--	--	--	--	--	--	--	--	--	--	--
	10/10/05	6.8	261	16.6	999+	5.29	275	--	--	--	--	--
	4/24-25/06	6.47	260	14.67	999+	9.38	103	--	--	--	--	--
	10/19-20/06	7.06	264	17.12	-5	4.3	273	--	--	--	--	--
	4/16-4/18/07	6.05	282	14.6	999+	--	183	--	--	--	--	--
	10/8-9/07	6.75	140	16.6	184	6.57	123	--	--	--	--	--
	5/12-13/08	--	--	--	--	--	--	--	--	--	--	--
	11/12/08	5.55	252	15.46	999+	8.7	223	--	--	--	--	--
	5/19/09	6.14	218	15.73	999+	12.02	178	--	--	--	--	--
	8/1/11	6.2	267	15.97	194	3.81	303	--	--	--	--	--
	5/6/14	5.35	228	16.41	425	2.75	256	--	--	--	--	--
	8/5/14	7.3	237	21.25	799	4.01	135	--	--	--	--	--
	11/17/14	5.47	213	15.89	783	1.6	87	--	--	--	--	--
	2/2/15	6.9	249	14.05	1,000+	9.2	92	--	--	--	--	--
	5/4/15	5.77	203	13.86	1,000+	5	32	--	--	--	--	--
	5/4/16	5.33	307	14.98	1,000+	8.63	167	--	--	--	--	--
MW-30	1/24-25/02	6.44	489	13.9	362	9.80	208	4.2	ND	14	130	12
	4/01-04/02	6.3	543	14.7	--	6.01	312	--	--	--	--	--
	7/17-18/02	6.2	380	18.0	38.90	77	12	9.4	ND	4.8	150	7.6
	10/9-11/02	6.26	584	18.5	3.9	1.89	112	11	ND	3.7	ND	6.2
	4/1-4/3/03	6.75	443	13.1	541	5.81	109	2.6	ND	3.7	100	5
	10/27-28/03	6.35	470	15.7	9.9	5.88	245	8.6	ND	0.24	70	--
	4/19-4/20/04	6.39	550	13.12	512	11.36	288	6.4	0.6	7.2	160	8.7
	10/20-21/04	--	--	well abandoned			--	--	--	--	--	--
MW-32	10/19-20/06	7.18	130	17.67	699	6.57	227	--	--	--	--	--
	4/16-4/18/07	6.07	144	16.1	169	--	194	5.1	ND	0.31	ND	ND
	10/8-9/07	6.58	68	16.7	33	6.26	184	6	ND	0.23	6.3	1.7
	5/12-13/08	6.15	155	15.6	54	15.45	244	5.9	ND	0.29	ND	18.4
	11/13/08	5.57	124	16.12	154	11.17	204	ND	ND	0.23	ND	4.8
	5/19/09	6.79	115	16.98	129	12.24	217	6.6	ND	0.28	ND	1.5
	8/2/11	5.97	154	19.19	40	5.1	313	7.9	ND	0.34	ND	1.6
	5/6/14	6.00	139	17.07	97	4.23	200	--	--	--	--	--
	8/6/14	7.08	163	19.93	12.4	4.41	169	--	--	--	--	--
	11/18/14	5.84	171	15.73	131	3.51	152	--	--	--	--	--
	2/3/15	6.14	183	16.16	10.3	5.86	145	--	--	--	--	--
	5/5/15	6.49	96	17.29	14.6	6.61	78	--	--	--	--	--
	5/3/16	6.14	180	17.88	3.4	9.59	128	--	--	--	--	--
MW-33	10/19-20/06	6.95	233	17.43	289	6.5	248	--	--	--	--	--
	4/16-4/18/07	5.9	284	17.5	16.9	--	195	--	--	--	--	--
	10/8-9/07	6.61	132	16.7	141	6.2	184	--	--	--	--	--
	5/12-13/08	6.12	296	16.58	20	11.39	20	--	--	--	--	--
	11/13/08	5.62	242	15.8	999+	10.66	204	--	--	--	--	--
	5/19/09	6.98	216	17.59	635	13.08	162	--	--	--	--	--
	8/1/11	6.61	268	22.52	>999	5.00	301	--	--	--	--	--
	5/6/14	5.88	203	15.56	33	4.74	274	--	--	--	--	--
	8/6/14	7.05	239	20.17	39.5	3.92	190	--	--	--	--	--
	11/18/14	5.62	232	14.96	28.5	3.55	193	--	--	--	--	--
	2/3/15	5.78	257	15.5	442	5.10	141	--	--	--	--	--
	5/5/15	6.58	147	18.87	80.9	5.97	62	--	--	--	--	--
	5/4/16	6.41	257	16.53	18.2	9.15	163	--	--	--	--	--
MW-34	8/2/11	5.81	151	18.23	---	4.71	247	--	--	--	--	--
	5/6/14	7.5	337	18.34	849	5.17	237	--	--	--	--	--
	8/6/14	8.14	388	22.57	167	3.6	47	--	--	--	--	--
	11/19/14	7.24	356	11.84	275	5.51	-35	--	--	--	--	--
	2/2/15	6.96	359	15.27	800	2.48	-71	--	--	--	--	--
	5/4/15	7.65	171	16.9	1,000+	10.12	-156	--	--	--	--	--
	5/2/16	7.06	361	17.42	19.6	7.32	66	--	--	--	--	--
PW-2	1/24-25/02	6.36	273	14.5	999+	8.97	220	--	--	--	--	--
	4/01-04/02	6.7	241	16.6	--	2.20	301	--	--	--	--	--
	7/17-18/02	6.6	199	18.2	34.60	4.79	60	--	--	--	--	--
	10/9-11/02	6.62	220	16.2	435	4.03	121	--	--	--	--	--
	4/1-4/3/03	5.93	194	12.4	129	1.22	227	--	--	--	--	--
	10/27-28/03	6.58	223	16.2	512	4.86	364	--	--	--	--	--
	4/19-4/20/04	6.71	272	14.1	429	10.2	285	--	--	--	--	--
	10/20-21/04	6.28	195	15.99	274	3.83	228	--	--	--	--	--
	04/11-12/05	6.24	184	14.14	57.7	6.64	104	--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
	10/10/2005	6.94	211	16.5	225	4.06	283	--	--	--	--	--
	4/24-25/06	6.14	264	14.72	893	10.62	128	--	--	--	--	--
	10/19-20/04	--	--	--	Not Sampled			--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
PW-2	4/16-4/18/07	5.88	401	14.2	754	--	198	--	--	--	--	--
	10/8-9/07	6.35	111	16.1	203	4.2	174	--	--	--	--	--
	5/12-13/08	5.93	356	16.76	131	7.48	261	--	--	--	--	--
	11/12/08	5.33	289	16.17	999+	9.84	150	--	--	--	--	--
	5/19/09	5.88	216	18.91	516	11.77	340	--	--	--	--	--
	11/17/14	5.06	252	16.11	150	4.74	51	--	--	--	--	--
	2/2/15	5.67	285	13.36	100	8.57	138	--	--	--	--	--
	5/4/15	5.91	130	14.69	95.4	4.05	62	--	--	--	--	--
	5/4/16	5.74	222	15.71	31	3.3	211	--	--	--	--	--
RW-1	8/1/11	5.76	282	16.69	250	4.57	320	--	--	--	--	--
	5/6/14	6.39	240	20.25	34	3.48	238	--	--	--	--	--
	8/5/14	7.1	331	19.42	813	3.66	129	--	--	--	--	--
	1/24-25/02	5.93	130	18.7	234	9.53	234	--	--	--	--	--
	4/01-04/02	Not Available		--	--	--	--	--	--	--	--	--
	7/17-18/02	6.2	160	19.8	57.3	--	--	--	--	--	--	--
	10/9-11/02	Not Available, well inaccessible				--	--	--	--	--	--	--
	4/1-4/3/03	5.9	970	19.1	0	7.83	188	--	--	--	--	--
	10/27-28/03	5.81	1490	19.6	12.8	8.81	310	--	--	--	--	--
	4/19-4/20/04	6.27	1920	17.74	27.4	12.32	332	--	--	--	--	--
	10/20-21/04	6.00	1910	18.15	88	6.73	489	--	--	--	--	--
	4/11-12/05	5.95	1940	19.23	2.8	10.57	124	--	--	--	--	--
	10/10/05	5.91	2900	18.53	44.6	4.71	154	--	--	--	--	--
	4/24-25/06	5.85	2670	19.6	30.1	7.81	107	--	--	--	--	--
	10/19-20/06	6.08	2470	19.12	28.1	8.03	186	--	--	--	--	--
	4/16-4/18/07	5.95	2170	18.8	356	--	212	--	--	--	--	--
	10/8-9/07	5.93	2840	20.1	326	8.48	222	--	--	--	--	--
	5/12-13/08	5.53	3,110	16.24	140	7.73	55	--	--	--	--	--
	11/12/08	3.64	3,130	18.09	999+	11.12	222	--	--	--	--	--
	5/19/09	6.36	2,060	19.62	679	10.74	14	--	--	--	--	--
	8/2/11	5.46	2,140	23.58	999+	4.47	233	--	--	--	--	--
	5/6/14	6.55	1,020	17.88	999+	2.96	189	--	--	--	--	--
	8/7/14	6.66	1,640	20.23	989	3.89	122	--	--	--	--	--
	11/18/14	5.26	1,660	14.65	130	2.63	136	--	--	--	--	--
	2/2/15	6.3	2,030	18.11	475	4.94	41	--	--	--	--	--
	5/5/15	6.16	1,920	18.91	1,000+	9.11	-2	--	--	--	--	--
	5/5/16	6.44	2,140	17.91	6	8.31	103	--	--	--	--	--
RW-2	1/24-25/02	6.16	137	16.9	5.00	9.00	207	--	--	--	--	--
	4/01-04/02	6.7	118	17.0	--	2.71	138	--	--	--	--	--
	7/17-18/02	6.3	2100	18.0	22.10	--	--	--	--	--	--	--
	10/9-11/02	6.14	140	17.4	0	6.38	111	--	--	--	--	--
	4/1-4/3/03	6.89	158	17.3	2.4	7.18	161	--	--	--	--	--
	10/27-28/03	6.10	155	16.8	0	6.33	261	--	--	--	--	--
	4/19-4/20/04	6.78	178	16.69	10.9	16.44	164	--	--	--	--	--
	10/20-21/04	5.71	195	16.73	19.1	7.67	226	--	--	--	--	--
	4/11-12/05	6.00	122	16.72	-2.2	2.3	143	--	--	--	--	--
	10/11/05	6.20	174	16.81	11.9	3.45	319	--	--	--	--	--
	4/16-4/18/07	--	--	--	Not Sampled			--	--	--	--	--
	10/8-9/07	--	--	--	Not Sampled			--	--	--	--	--
	5/12-13/08	--	--	--	Not Sampled			--	--	--	--	--
	11/12-13/08	--	--	--	Not Sampled			--	--	--	--	--
	5/18-19/09	--	--	--	Not Sampled			--	--	--	--	--
	8/1-2/11	--	--	--	Not Sampled			--	--	--	--	--
RW-3	1/24-25/02	6.37	239	18.0	0.00	8.10	248	--	--	--	--	--
	4/01-04/02	6.3	206	18.1	--	3.19	300	--	--	--	--	--
	7/17-18/02	6.7	200	19.3	30.10	--	--	--	--	--	--	--
	10/9-11/02	6.55	189	18.9	0	--	104	--	--	--	--	--
	4/1-4/3/03	6.28	157	17.6	0	5.61	229	--	--	--	--	--
	10/27-28/03	6.25	276	19.0	20.4	5.71	332	--	--	--	--	--
	4/19-4/20/04	6.46	284	19.3	27.3	10.01	333	--	--	--	--	--
	10/20-21/04	6.16	255	18.1	5.2	7.38	163	--	--	--	--	--
	4/11-12/05	6.14	221	18.6	1.5	8.23	112	--	--	--	--	--
	10/10/05	6.54	275	17.7	3.6	5.43	271	--	--	--	--	--
	4/24-25/06	6.1	226	18.9	-1.9	7.48	123	--	--	--	--	--
	10/19-20/06	6.82	217	19.03	0	6.97	220	--	--	--	--	--
	4/16-4/18/07	6.23	267	19	3.2	--	168	--	--	--	--	--
	10/8-9/07	6.19	125	18.6	4.7	5.33	172	--	--	--	--	--
	5/12-13/08	5.98	276	16.89	309	14.56	141	--	--	--	--	--
	11/13/08	5.3	244	18.47	881	10.59	206	--	--	--	--	--
	5/19/09	6.37	217	18.94	32.7	9.33	105	--	--	--	--	--
	8/1/11	6.33	325	21.93	258	5.18	151	--	--	--	--	--
	5/7/14	6.06	267	20.2	518	4.04	211	--	--	--	--	--
	8/6/14	6.63	319	22.63	40.8	3.9	180	--	--	--	--	--
	11/18/14	Not sampled due to ongoing construction										

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
	2/3/15	5.77	338	16.83	97.6	6.08	135	--	--	--	--	--
	5/5/15	6.28	100	19.4	393	6.84	47	--	--	--	--	--
	5/4/16	6.3	325	19.71	745	5.39	178	--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
RW-4	1/24-25/02	6.26	375	15.8	43.3	8.41	227	--	--	--	--	--
	4/01-04/02	6.6	368	18.8	--	4.48	142	--	--	--	--	--
	7/17-18/02	6.8	375	17.0	578.00	--	--	--	--	--	--	--
	10/9-11/02	6.59	330	18.1	257	--	0	--	--	--	--	--
	4/1-4/3/03	6.32	232	16.0	0	9.17	95	--	--	--	--	--
	10/27-28/03	6.45	291	16.2	0	8.47	243	--	--	--	--	--
	4/19-4/20/04	6.86	298	18.8	33.6	19.99	26.4	--	--	--	--	--
	10/20-21/04	--	--	well abandoned			--	--	--	--	--	--
RW-5	1/24-25/02	6.25	242	15.9	9.1	8.8	188	--	--	--	--	--
	4/01-04/02	6.5	200	16.9	--	1.76	288	--	--	--	--	--
	7/17-18/02	6.7	274	18.6	24.10	--	--	--	--	--	--	--
	10/9-11/02	6.51	278	168	6.90	8.33	109	--	--	--	--	--
	4/1-4/3/03	5.75	575	14.4	0	0.0	47	--	--	--	--	--
	10/27-28/03	5.99	953	16.1	21.5	3.39	182	--	--	--	--	--
	4/19-4/20/04	6.41	814	17.3	20.8	16.69	263	--	--	--	--	--
	10/20-21/04	6.03	714	15.62	24.6	4.29	37	--	--	--	--	--
	4/11-12/05	5.9	624	15.64	1.5	0	-9	--	--	--	--	--
	10/11/05	--	--	--	--	--	--	--	--	--	--	--
	4/24-25/06	6.29	471	17.28	62.6	6.89	49	--	--	--	--	--
	10/19-20/06	6.34	866	16.99	1.2	2.36	56	--	--	--	--	--
	4/16-4/18/07	6.16	93	16.6	18.6	--	29	--	--	--	--	--
	10/8-9/07	6.09	251	15.3	7.5	1.99	89	--	--	--	--	--
	5/12-13/08	5.85	221	16.89	10	5.71	67	--	--	--	--	--
	11/12/08	5.29	301	15.6	569	10.91	151	--	--	--	--	--
	5/19/09	5.84	679	16.23	24.3	3.92	25	--	--	--	--	--
	8/1/11	6.13	451	20.03	>999	0.26	130	--	--	--	--	--
	5/6/14	5.37	632	16.14	398	0.34	136	--	--	--	--	--
	8/5/14	6.13	778	19.19	42.1	1.64	94	--	--	--	--	--
	11/18/14	5.12	378	14.02	47	7.68	53	--	--	--	--	--
	2/3/15	5.79	366	15.29	27.8	8.14	151	--	--	--	--	--
	5/5/15	6.15	362	15.89	25.1	8.59	25	--	--	--	--	--
	5/4/16	6.03	779	17.01	45.2	3.61	82	--	--	--	--	--
Outfall # 3	1/24-25/02	7.45	197	10.2	12.4	10.8	150	--	--	--	--	--
	4/01-04/02	8.1	95	17.1	--	--	102	--	--	--	--	--
	7/17-18/02	DRY	--	--	--	--	--	--	--	--	--	--
	10/9-11/02	DRY	--	--	--	--	--	--	--	--	--	--
	4/1-4/3/03	--	--	--	--	--	--	--	--	--	--	--
	10/27-28/03	7.22	236	15.6	0	9.3	169	--	--	--	--	--
	10/20-21/04	6.46	205	14.55	9.4	7.1	30	--	--	--	--	--
	4/11-12/05	6.74	201	12.03	0.9	9.78	72	--	--	--	--	--
	10/11/05	6.86	163	18.63	29	6.28	178	--	--	--	--	--
	4/24-25/06	6.72	183	20.28	24.6	8.13	30	--	--	--	--	--
	10/19-20/06	7.39	87	18.53	44.7	8.01	216	--	--	--	--	--
	4/16-4/18/07	5.25	86	17	61.8	--	225	--	--	--	--	--
	10/8-9/07	DRY	--	--	--	--	--	--	--	--	--	--
	5/12-13/08	6.26	190	14.25	31	10.87	120	--	--	--	--	--
	11/13/08	5.44	157	11.52	196	11.6	97	--	--	--	--	--
	5/18/09	6.68	61	23.68	157	10.99	166	--	--	--	--	--
	8/1-2/11	DRY	--	--	--	--	--	--	--	--	--	--
LL Weir	1/24-25/02	7.42	173	9.53	19.3	8.60	97.0	--	--	--	--	--
	4/01-04/02	7.8	160	20.0	--	8.45	216	--	--	--	--	--
	7/17-18/02	DRY	--	--	--	--	--	--	--	--	--	--
	10/9-11/02	DRY	--	--	--	--	--	--	--	--	--	--
	4/1-4/3/03	6.58	225	15.3	0	11.62	116	--	--	--	--	--
	10/27-28/03	6.96	244	13.5	10	7.24	216	--	--	--	--	--
	10/20-21/04	6.48	282	15.04	7.9	7.38	29	--	--	--	--	--
	4/11-12/05	6.74	198	14.3	0.6	9.66	68	--	--	--	--	--
	10/11/05	6.86	163	18.63	29	6.28	178	--	--	--	--	--

TABLE 4
NATURAL ATTENUATION AND FIELD MEASUREMENT PARAMETERS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Sample Description	Sample Date	pH*	Conductivity* (µSiemens /cm)	Temperature* (C)	Turbidity* (NTUs)	Dissolved Oxygen* (mg/l)	Redox Potential* (milli-volts)	Chloride (mg/l)	Ferrous Iron (Fe+2) (mg/l)	Nitrate as N (mg/l)	Sulfate (mg/l)	Total Organic Carbon (mg/l)
NC 2L Standard		**-**	**-**	**-**	**-**	**-**	**-**	**250**	**-**	**10**	**250**	**-**
SW-LC-1	4/24-25/06	6.79	240	19.71	15.5	7.65	45	--	--	--	--	--
	10/19-20/06	7.1	227	19.14	49	5.87	224	--	--	--	--	--
	4/16-4/18/07	6.25	160	14.8	47.9	--	115	--	--	--	--	--
	10/8-9/07	DRY	--	--	--	--	--	--	--	--	--	--
	5/12-13/08	6.37	254	14.53	36	12.8	137	--	--	--	--	--
	11/12/08	5.67	216	11.83	316	10.78	9	--	--	--	--	--
	5/18/09	6.14	108	22.09	207	11.94	127	--	--	--	--	--
	5/6/14	6.55	292	17.1	21	3.85	220	--	--	--	--	--
	8/5/14	7.35	237	22.64	9.3	8.78	85	--	--	--	--	--
	11/18/14	5.9	155	6.47	21.5	3.63	74	--	--	--	--	--
	2/3/15	6.95	159	0.67	37	12.55	108	--	--	--	--	--
	5/4/15	6.36	62	18.82	158	4.91	-14	--	--	--	--	--
	5/4/16	6.54	144	17.59	25	4.62	174	--	--	--	--	--
Pump Station	1/24-25/02	7.42	173	9.53	19.3	8.60	97.0	--	--	--	--	--
	4/01-04/02	8.3	169	18.4	--	9.69	220	--	--	--	--	--
	7/17-18/02	DRY	--	--	--	--	--	--	--	--	--	--
	10/9-11/02	DRY	--	--	--	--	--	--	--	--	--	--
	4/1-4/3/03	7.48	211	14.4	0	10.1	272	--	--	--	--	--
	10/27-28/03	7.2	201	13.9	0	8.81	161	--	--	--	--	--
	10/20-21/4	7	235	15.56	172	9.19	26	--	--	--	--	--
	4/11-12/05	6.95	156	12	43.9	9.85	62	--	--	--	--	--
	10/11/05	7.32	106	18.53	389	7.13	232	--	--	--	--	--
	4/24-25/06	6.37	280	18.17	8.0	9.31	114	--	--	--	--	--
Dead End Station	10/19-20/06	7.29	238	19.31	8.9	8.92	218	--	--	--	--	--
	4/16-4/18/07	5.26	93	16.3	23	--	175	--	--	--	--	--
	10/8-9/07	DRY	--	--	--	--	--	--	--	--	--	--
	5/12-13/08	6.61	170	14.51	12	12.8	147	--	--	--	--	--
	11/12/08	5.77	149	11.46	339	14.04	191	--	--	--	--	--
	5/18/09	6.89	98	23.39	187	12.54	225	--	--	--	--	--
	8/2/11	5.43	299	24.71	---	6.71	191	--	--	--	--	--

µSiemens /cm = microSiemens per centimeter
NTU = nephelometric turbidity unit
mg/l = milligrams per liter
* Measured in field using Horiba U-22 or Hanna Instruments "Water Test"
999+ and 1,000+ indicate value was higher than instrument could report
-- Not analyzed

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene (ug/l)	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-1	10/30/86	**15**	NS		BDL		**2,700**	**370**		NS		**10000**		--	13,070
	1/15/87	**15**	NS		NS		NS	NS		NS		NS		--	NS
	8/5/87	**11**	NS		BDL		**2,000**	BDL		NS		**6000**		--	8,000
	5/17/88	**14.6**	BDL		BDL		**2,300**	**410**		**230**		**6100**		--	9,040
	12/28/88	**7**	NS		BDL		**2,500**	**390**		**280**		**6600**		--	9,770
	11/29/89	**20**	BDL		BDL		**280**	BDL		BDL		**6400**		--	6,680
	5/14/90	**19.8**	BDL		16.8		**3,600**	179		BDL		**6180**		--	9,976
	12/17/90	**11**	BDL		BDL		**1,300**	BDL		BDL		**2900**		--	4,200
	6/28/91	**22.7**	BDL		BDL		**2,200**	BDL		**250**		**6500**		--	8,950
	12/4/91	**10**	BDL		BDL		**1,400**	220		**200**		**4300**		--	6,120
	6/9/92	**7.3**	**61**		9.1		**1,200**	150		**150**		**3400**		--	4,970
	12/15/92	**8**	BDL		11		**880**	**560**		**180**		**2400**		--	4,031
	6/21/93	**6.6**	BDL		BDL		**1,700**	180		**140**		**6100**		--	8,120
	12/14/93	1.34	BDL		BDL		**1,600**	BDL		BDL		**6800**		--	8,400
	6/1/94	**4**	BDL		BDL		**1,300**	BDL		BDL		**5000**		--	6,300
	6/1/95	1.9	BDL		15		**700**	94		**110**		**3400**		--	4,319
	3/4/96	2	BDL		18		**460**	60		**86**		**4300**		--	4,924
	9/5/96	BDL	BDL		34		**700**	140		**160**		**7500**		--	8,534
	3/26/97	1.5	BDL		50		**370**	76		**96**		**3600**		--	4,192
	2/25/98	BDL	BDL		39		**220**	40		**63**		**4100**		--	4,462
	2/25/99	BDL	BDL		BDL		BDL	BDL		BDL		**5200**		--	5,200
	3/14/00	0.81	BDL		BDL		BDL	BDL		BDL		**4500**		--	4,500
	3/9/01	BDL	BDL		BDL		BDL	BDL		BDL		**3100**		--	3,100
	1/25/02	BDL	BDL		BDL		BDL	BDL		BDL		**3600**		--	3,600
	4/3/02	0.94	BDL		BDL		BDL	BDL		BDL		**4700**		--	4,700
	7/17/02	BDL	BDL		BDL		BDL	BDL		BDL		**2200**		--	2,200
	10/9/02	NA *	BDL		BDL		BDL	BDL		BDL		**2600**		--	2,600
	4/1/03	BDL	BDL		BDL		BDL	BDL		BDL		**2200**		--	2,200
	10/28/03	2.6	BDL		BDL		BDL	BDL		BDL		**1400**		--	1,400
	4/19/04	0.8	BDL		BDL		BDL	BDL		BDL		**5500**		--	5,500
	10/21/04	0.99	BDL		BDL		BDL	BDL		BDL		**3900**		--	3,900
	4/11/05	0.49	BDL		BDL		BDL	BDL		BDL		**5000**		--	5,000
	10/10/05	BDL	BDL		BDL		BDL	BDL		BDL		**5500**		--	5,500
	4/24/06	BDL	BDL		BDL		BDL	BDL		BDL		**4600**		BDL	4,600
	10/19/06	<0.5	<100	<100	<100	<100	<100	<100	<100	<100	<200	**3100**	<100	<100	3,100
	4/18/07	<0.5	<100	<100	<100	<100	<100	<100	<100	<100	<200	**2900**	<100	<100	2,900
	10/9/07	0.22	<100	<100	<100	<100	<100	<100	<100	<100	<200	**5060**	<100	<100	5,060
	5/13/08	0.38	<100	<100	<100	<100	<100	<100	<100	<100	<200	**4600**	<100	<100	4,600
	11/13/08	0.23	<100	<100	<100	<100	<100	<100	<100	<100	<200	**2170**	<100	<100	2,170
	5/19/09	0.79	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	**456**	<10.0	<10.0	456
	8/2/11	NS	<10.0	<10.0	<10.0	<10.0	18.3	<10.0	<10.0	<10.0	<20.0	**1620**	<10.0	<10.0	1,638
	5/7/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**7.5**	<1.0	<1.0	7.5
	8/7/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11.1	<1.0	<2.0	**49.4**	<1.0	<1.0	61
	11/18/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	10.2	<1.0	<2.0	**7**	<1.0	<1.0	17
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.2**	<1.0	<1.0	2
	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.8**	<1.0	<1.0	2
	5/5/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	0
MW-2	10/30/86	BDL	BDL		BDL		BDL	BDL		NS		**49**		--	49
	8/5/87	BDL	NS		BDL		BDL	BDL		NS		BDL		--	0
	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	0
	12/28/88	NS	BDL		BDL		BDL	BDL		BDL		**5**		--	5
	11/29/89	0.87	BDL		BDL		BDL	BDL		BDL		**6**		--	6
	5/14/90	**3.05**	BDL		**1.65**		0.29	BDL		BDL		**7.84**		--	10
	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		**21**		--	21
	6/28/91	1.3	BDL		**1.4**		BDL	BDL		BDL		**3.5**		--	5
	12/4/91	BDL	BDL		**1.7**		BDL	BDL		BDL		**4.8**		--	7
	6/9/92	0.23	BDL		**4.8**		0.62	BDL		BDL		**3.8**		--	9
	12/15/92	1	BDL		**4**		BDL	BDL		BDL		**5**		--	9
	6/21/93	0.17	BDL		**8.1**		BDL	BDL		BDL		**2**		--	10
	12/14/93	0.04	BDL		**7.6**		BDL	BDL		BDL		**2.4**		--	10
	6/1/94	BDL	BDL		**11**		BDL	BDL		BDL		**1.5**		--	13
	12/1/94	0.16	BDL		**10**		1.7	BDL		BDL		**1.2**		--	13
	6/1/95	BDL	BDL		**12**		BDL	BDL		BDL		**3.4**		--	15
	12/5/95	BDL	BDL		**11**		BDL	BDL		BDL		BDL		--	11
	3/4/96	BDL	BDL		**11**		BDL	BDL		BDL		BDL		--	11
	9/4/96	BDL	BDL		**13**		BDL	BDL		BDL		BDL		--	13
	3/26/97	BDL	BDL		**10**		BDL	BDL		BDL		BDL		--	10
	9/9/97	BDL	BDL		**9.9**		BDL	BDL		BDL		BDL		--	9.9
	2/25/98	BDL	BDL		**6.2**		BDL	BDL		BDL		BDL		--	6.2
	9/10/98	BDL	BDL		**6.1**		BDL	BDL		BDL		BDL		--	6.1
MW-3	10/30/86	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/28/91	BDL	NS		NS		NS	NS		NS		NS		--	NS
	12/4/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/9/92	0.64	BDL		BDL		BDL	BDL		BDL		0.25		--	0.25
	12/15/92	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/21/93	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/14/93	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-5	10/30/86	BDL	BDL		BDL		BDL	170		BDL		**380**		--	550
	8/5/87	BDL	BDL		BDL		BDL	210		BDL		**380**		--	590
	5/17/88	BDL	BDL		BDL		BDL	290		BDL		**500**		--	790
	12/28/88	BDL	BDL		**16**		BDL	240		BDL		**390**		--	646
	11/29/89	BDL	BDL		**10**		BDL	BDL		**7**		**220**		--	237
	5/14/90	2.3	NS		NS		NS	NS		NS		NS		--	NS
MW-6	10/30/86	**63**	BDL		BDL		9	80		NS		**31**		--	120
	1/15/87	**150**	NS		NS		NS	NS		NS		NS		--	NS
	8/5/87	**120**	BDL		BDL		13	130		BDL		**50**		--	193
	5/17/88	BDL	BDL		**6**		14	130		BDL		**65**		--	215
	12/28/88	**112**	NS		**6**		16	160		BDL		**73**		--	255
	11/29/89	**98**	BDL		**8**		16	200		**5**		**99**		--	328
	5/14/90	**103**	NS		**5.61**		11.8	168		**6.07**		**65.9**		--	257.4
	12/17/90	**65**	BDL		BDL		12	110		BDL		**68**		--	190
	6/28/91	**38**	BDL		**2.7**		4.7	80		**2.2**		**47**		--	136.6
	12/4/91	**38**	BDL		**6.7**		9.7	230		**6.4**		**110**		--	362.8
	6/9/92	**43**	0.4		**7.5**		9.7	210		**6.7**		**120**		--	354.3
	12/15/92	**32**	BDL		**7**		4	190		**7**		**98**		--	306
	6/21/93	**23**	BDL		BDL		BDL	160		BDL		**130**		--	290
	12/14/93	**3.01**	BDL		BDL		8	130		BDL		**81**		--	219
	6/1/94	**9.6**	BDL		BDL		8.8	120		BDL		**89**		--	217.8
	6/1/95	**5.9**	BDL		**4.4**		2.7	150		**3.8**		**69**		--	229.9
	3/4/96	**5.7**	BDL		**4.4**		2.3	97		**2.8**		**62**		--	168.5
	9/5/96	BDL	BDL		**3.1**		BDL	70		**2.8**		**69**		--	144.9
	3/26/97	**4.5**	BDL		**1.7**		BDL	33		BDL		**19**		--	53.7
	2/25/98	**4.9**	BDL		**1**		BDL	20		BDL		**11**		--	32
	2/25/99	**5.2**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/14/00	**5.1**	BDL		BDL		BDL	6.6		BDL		**4.4**		--	11
	3/9/01	2.6	6.7		BDL		BDL	BDL		BDL		**5.1**		--	11.8
	1/25/02	2.3	BDL		BDL		BDL	8.7		BDL		**6.3**		--	15
	4/3/02	**3**	BDL		BDL		BDL	17		BDL		**8.5**		--	26
	7/17/02	BDL	BDL		BDL		BDL	11		BDL		**11**		--	22
	10/9/02	**3.2**	BDL		BDL		BDL	14		BDL		**14**		--	28
	4/1/03	2.2	BDL		BDL		BDL	14		BDL		**14**		--	28
	10/28/03	0.90	BDL		BDL		BDL	4.2		BDL		**3.2**		--	7.4
	4/19/04	1.70	BDL		BDL		BDL	6.7		BDL		**5.6**		--	12.3
	10/21/04	BDL	BDL		BDL		BDL	8.3		BDL		**9.6**		--	17.9
	4/11/05	0.46	BDL		BDL		BDL	12		BDL		**15**		--	27.0
	10/10/05	0.84	BDL		BDL		BDL	7.5		BDL		**13**		--	20.5
	4/24/06	0.78	BDL		**2.0**		BDL	21		BDL		**34**		BDL	57.0
	10/19/06	BDL	BDL		**1.8**		BDL	22		BDL		**32**		BDL	55.8
	4/17/07	0.78	BDL		BDL		BDL	16		BDL		**31**		BDL	47.0
	10/9/07	0.72	<1.0	<1.0	<1.0	<1.0	<1.0	14.1	<1.0	<1.0	<2.0	**27.5**	<1.0	<1.0	41.6
	5/13/08	0.48	<1.0	<1.0	**3.8**	<1.0	<1.0	36	<1.0	<1.0	<2.0	**78.1**	<1.0	<1.0	117.9
	11/12/08	0.63	<5.0	<5.0	<5.0	<5.0	<5.0	31.8	<5.0	<5.0	<10.0	**71.2**	<5.0	<5.0	103.0
	5/19/09	0.73	<2.5	<2.5	6.8	<2.5	<2.5	60.8	<2.5	<2.5	**13.5****	**134**	<2.5	<2.5	215.1
	8/2/11	NA	<1.0	<1.0	2.1	<1.0	<1.0	25.7	<1.0	<1.0	<2.0	**57.1**	<1.0	<1.0	84.9
	5/7/14	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/6/14	NA	<1.0	<1.0	<1.0	<1.0	<1.0	6.1	<1.0	<1.0	<2.0	**16.8**	<1.0	<1.0	BDL
	11/19/14	NA	<1.0	<1.0	<1.0	<1.0	<1.0	5.0	<1.0	<1.0	<2.0	**14.2**	<1.0	<1.0	BDL
	2/3/15	NA	<1.0	<1.0	<1.0	<1.0	<1.0	8.0	<1.0	<1.0	<2.0	**30.8**	<1.0	<1.0	38.8
	5/5/15	NA	<1.0	<1.0	1.6	<1.0	<1.0	14.5	<1.0	<1.0	<2.0	**47.6**	<1.0	<1.0	63.7
	5/4/16	NA	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	<1.0	<1.0	<2.0	**10.3**	<1.0	<1.0	13.6
MW-7	10/30/86	BDL	BDL		**110**		BDL	BDL		BDL		BDL		--	110
MW-8	10/30/86	BDL	BDL		**110**		BDL	BDL		BDL		BDL		--	110
	8/5/87	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-9	10/30/86	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-10	8/5/87	BDL	BDL		**32**		BDL	BDL		BDL		BDL		--	32
	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	BDL	BDL		**2**		BDL	BDL		BDL		BDL		--	2
	1/24/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/3/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	7/17/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/9/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/31/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/28/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/19/04	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/20/04	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/11/05	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/10/05	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/24/06	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	10/19/06	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	4/17/07	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	10/8/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/13/08	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/13/08		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/18/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/2/11	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
MW-11	8/5/87	BDL	BDL		**10**		BDL	BDL		BDL		BDL		--	10.0
	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	BDL	BDL		**6**		BDL	BDL		BDL		**7**		--	13.0
	11/29/89	BDL	BDL		**5**		BDL	BDL		BDL		**8**		--	13.0
	5/14/90	1.5	BDL		**2.54**		BDL	BDL		**0.36**		**5.09**		--	7.99
	12/17/90	BDL	BDL		**3**		BDL	BDL		BDL		**10**		--	13
	6/28/91	1.3	BDL		**2.4**		BDL	BDL		BDL		**8.6**		--	11

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-11	12/4/91	BDL	BDL		**2.4**		BDL	BDL		BDL		**7.6**		--	10
Continued	6/9/92	0.46	BDL		**2.4**		1.1	0.48		BDL		**12**		--	15.98
	12/15/92	1	BDL		BDL		BDL	BDL		BDL		**11**		--	11
	6/21/93	0.46	BDL		**2.6**		BDL	BDL		BDL		**4.8**		--	7.4
	12/14/93	0.05	BDL		**3.4**		0.5	BDL		BDL		**4.6**		--	8.5
	6/1/94	1.1	BDL		**6.6**		0.56	BDL		BDL		**3.2**		--	10.36
	12/1/94	0.2	BDL		**7.5**		2.8	BDL		BDL		**2.9**		--	13.2
	6/1/95	BDL	BDL		**8.2**		BDL	BDL		BDL		**2.2**		--	10.4
	12/5/95	BDL	BDL		**8.2**		BDL	BDL		BDL		**2.6**		--	10.8
	3/4/96	BDL	BDL		**8.8**		BDL	BDL		BDL		**2.2**		--	11
	9/5/96	BDL	BDL		**8.7**		BDL	BDL		BDL		**1.7**		--	10.4
	3/26/97	BDL	BDL		**9**		BDL	BDL		BDL		**1**		--	10
	9/9/97	BDL	BDL		**9.6**		BDL	BDL		BDL		BDL		--	9.6
	2/25/98	BDL	BDL		**8.4**		BDL	BDL		BDL		BDL		--	8.4
	9/10/98	BDL	BDL		**7.6**		BDL	BDL		BDL		BDL		--	7.6
	2/25/99	BDL	BDL		**7.3**		BDL	BDL		BDL		BDL		--	7.3
	9/2/99	BDL	BDL		**5.3**		BDL	BDL		BDL		BDL		--	5.3
	3/14/00	BDL	BDL		**5**		BDL	BDL		BDL		BDL		--	5
	8/24/00	BDL	BDL		**4**		BDL	BDL		BDL		BDL		--	4
	3/9/01	BDL	BDL		**3.1**		BDL	BDL		BDL		BDL		--	3.1
	10/2/01	BDL	BDL		**2.6**		BDL	BDL		BDL		BDL		--	2.6
	1/24/02	BDL	BDL		**2.1**		BDL	BDL		BDL		BDL		--	2.1
	4/3/02	BDL	BDL		**2.3**		BDL	BDL		BDL		BDL		--	2.3
	7/17/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/9/02	BDL	BDL		**1.8**		BDL	BDL		BDL		BDL		--	1.8
	3/31/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/28/03	BDL	BDL		**1.1**		BDL	BDL		BDL		BDL		--	1.1
	4/19/04	BDL	BDL		**1.4**		BDL	BDL		BDL		**1.1**		--	2.5
	10/20/04	BDL	BDL		**2.3**		BDL	BDL		BDL		BDL		--	2.3
	4/11/05	BDL	BDL		**3.1**		BDL	BDL		BDL		**1**		--	4.1
	10/10/05	BDL	BDL		**1.8**		BDL	BDL		BDL		BDL		--	1.8
	4/24/06	BDL	BDL		**1.5**		BDL	BDL		BDL		BDL		BDL	1.5
	10/19/06	BDL	BDL		**1.4**		BDL	BDL		BDL		BDL		BDL	1.4
	4/17/07	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	10/8/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/12/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/18/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/2/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/5/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/18/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/4/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/3/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
MW-12	8/5/87	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-13	8/5/87	**10**	BDL		**10**		BDL	BDL		BDL		BDL		--	10
	5/17/88	BDL	BDL		**8**		BDL	BDL		BDL		BDL		--	8
	12/28/88	2	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	**6.3**	4		**8**		5	BDL		BDL		**42**		--	59
MW-14	8/5/87	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/17/88	**3.6**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/4/96	1.1	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/5/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-15	8/5/87	**3500**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-15	5/17/88	**190**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
Continued	12/28/88	**920**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-16	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/14/90	BDL	BDL		BDL		BDL	BDL		BDL		0.36		--	0.36
	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		**1.1**		--	1.1
	6/28/91	BDL	BDL		BDL		BDL	BDL		BDL		**2.8**		--	2.8
	12/4/91	BDL	BDL		BDL		BDL	0.4		BDL		**3.5**		--	3.9
	6/9/92	BDL	BDL		BDL		BDL	BDL		BDL		**4.6**		--	4.6
	12/15/92	1	BDL		BDL		BDL	BDL		BDL		**6**		--	6
	6/21/93	BDL	BDL		BDL		BDL	BDL		BDL		**18**		--	18
	12/14/93	0.01	BDL		BDL		BDL	BDL		BDL		**7.7**		--	7.7
	3/4/96	BDL	BDL		BDL		BDL	BDL		BDL		**6.7**		--	6.7
	9/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		BDL		BDL	BDL		BDL		**6.2**		--	6.2
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		**1.5**		--	1.5
MW-17	8/5/87	**3.5**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	1.8	BDL		BDL		BDL	BDL		BDL		**2**		--	2
	6/28/91	BDL	NS		NS		NS	NS		NS		NS		--	NS
	3/4/96	BDL	2.2		BDL		BDL	BDL		BDL		**8.5**		--	10.7
	9/4/96	BDL	BDL		BDL		BDL	BDL		BDL		**8.3**		--	8.3
	3/26/97	BDL	BDL		BDL		BDL	2.1		BDL		**8.2**		--	10.3
	2/25/98	BDL	BDL		BDL		BDL	1.6		BDL		**10**		--	11.6
	2/25/99	BDL	BDL		BDL		BDL	BDL		BDL		**6.7**		--	6.7
	3/14/00	BDL	BDL		BDL		BDL	BDL		BDL		**8.8**		--	8.8
	3/8/01	BDL	BDL		BDL		BDL	1.4		BDL		**7.3**		--	8.7
	1/25/02	BDL	BDL		BDL		BDL	BDL		BDL		**4.1**		--	4.1
	4/3/02	0.74	BDL		BDL		BDL	BDL		BDL		**4.5**		--	4.5
	7/17/02	BDL	BDL		BDL		BDL	BDL		BDL		**5.3**		--	5.3
	10/9/02	BDL	BDL		BDL		BDL	BDL		BDL		**4.1**		--	4.1
	4/1/03	BDL	BDL		BDL		BDL	BDL		BDL		**5.1**		--	5.1
	10/28/03	BDL	BDL		BDL		BDL	BDL		BDL		**5.4**		--	5.4
	4/19/04	BDL	BDL		BDL		BDL	BDL		BDL		**3.7**		--	3.7
	10/20/04	BDL	BDL		BDL		BDL	BDL		BDL		**4**		--	4
	4/11/05	BDL	BDL		BDL		BDL	BDL		BDL		**4.1**		--	4.1
	10/10/05	BDL	BDL		BDL		BDL	BDL		BDL		**5**		--	5
	4/24/06	BDL	BDL		BDL		BDL	BDL		BDL		**7.9**		BDL	7.9
	10/19/06	BDL	BDL		BDL		BDL	BDL		BDL		**7.3**		BDL	7.3
	4/17/07	BDL	BDL		BDL		BDL	BDL		BDL		**8.5**		BDL	8.5
	10/8/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**7.4**	<1.0	<1.0	7.4
	5/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**7.3**	<1.0	<1.0	7.3
	11/13/08	2.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**5.8**	<1.0	<1.0	5.8
	5/19/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**6.1**	<1.0	<1.0	6.1
	8/2/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**4.7**	<1.0	<1.0	4.7
	5/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**3.8**	<1.0	<1.0	3.8
	8/7/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**4.7**	<1.0	<1.0	4.7
	11/17/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**4.9**	<1.0	<1.0	4.9
	2/2/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**4.9**	<1.0	<1.0	4.9
	5/4/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**3.4**	<1.0	<1.0	3.4
	5/3/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.3**	<1.0	<1.0	2.3
MW-18	8/5/87	BDL	NS		BDL		BDL	24		BDL		BDL		--	24
	5/17/88	**4.2**	BDL		BDL		6	57		BDL		**22**		--	85
	12/28/88	**6**	NS		**6**		9	79		BDL		**34**		--	128
	11/29/89	**11**	BDL		BDL		3	65		BDL		**29**		--	97
	5/14/90	**16.4**	BDL		**3**		6.45	80.5		**3.35**		**30.6**		--	123.9
	12/17/90	**15**	BDL		**39**		BDL	90		BDL		**48**		--	177
	6/28/91	**15**	BDL		BDL		7	84		BDL		**52**		--	143
	12/4/91	**15**	0.5		**7.7**		12	210		**6.7**		**87**		--	323.9
	6/9/92	**7.9**	0.41		**7.9**		11	210		**6.5**		**94**		--	329.81
	12/15/92	**8**	BDL		**7**		3	170		**6**		**86**		--	272
	6/21/93	**6**	BDL		**7**		7.9	180		**6.2**		**87**		--	288.1
	12/14/93	0.64	BDL		BDL		7.9	130		BDL		**61**		--	198.9
	6/1/94	2.2	BDL		BDL		7.4	75		BDL		**44**		--	126.4
	6/1/95	1.1	BDL		**2.2**		BDL	48		**1.3**		**32**		--	83.5
	3/4/96	1	BDL		**3.8**		1.3	44		**2.7**		**37**		--	88.8
	9/5/96	1.1	BDL		**5.8**		1.2	63		**5.5**		**59**		--	134.5
	3/26/97	1.2	BDL		**6.8**		1.4	65		**7.3**		**86**		--	166.5
	2/25/98	BDL	BDL		**9**		BDL	95		**11**		**120**		--	235

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-18	2/25/99	1.3	BDL		BDL		BDL	130		BDL		**180**		--	310
Continued	3/14/00	1.5	BDL		**18**		BDL	150		**21**		**290**		--	479
	3/8/01	0.59	BDL		**14**		BDL	97		**14**		**170**		--	295
	1/25/02	0.49	BDL		BDL		BDL	140		**19**		**220**		--	379
	4/3/02	1.2	BDL		**15**		BDL	**360**		**15**		**460**		--	850
	7/17/02	BDL	BDL		BDL		BDL	150		**17**		**290**		--	457
	10/9/02	BDL	BDL		**14**		BDL	140		**19**		**250**		--	423
	4/1/03	BDL	BDL		**15**		BDL	140		BDL		**200**		--	355
	4/1/03	BDL	BDL		**15**		BDL	140		BDL		**200**		--	355
	10/28/03	0.66	BDL		**14**		BDL	130		**16**		**240**		--	400
	4/19/04	0.65	BDL		**14**		BDL	130		**16**		**170**		--	330
	10/21/04	0.45	BDL		BDL		BDL	BDL		**6.8**		**89**		--	95.8
	4/11/05	0.51	BDL		**13**		BDL	120		**15**		**170**		--	318
	10/10/05	BDL	BDL		**8.7**		BDL	69		**5.5**		**180**		--	263.2
	4/24/06	BDL	BDL		**14**		BDL	120		**14**		**210**		BDL	358
	10/19/06	BDL	BDL		9.4		BDL	81		**7.4**		**160**		BDL	257.8
	4/17/07	BDL	BDL		4.3		BDL	33		**6**		**58**		BDL	101.3
	10/9/07	0.28	<5.0	<5.0	10.3	<5.0	<5.0	84.8	<5.0	<5.0	<10.0	**141**	<5.0	<5.0	236.1
	5/13/08	0.32	<5.0	<5.0	14.8	<5.0	<5.0	90.4	<5.0	**10.4**	<10.0	**199**	<5.0	<5.0	314.6
	11/12/08	0.3	<5.0	<5.0	10.2	<5.0	<5.0	76.4	<5.0	**10**	<10.0	**158**	<5.0	<5.0	254.6
	5/19/09	0.32	<5.0	<5.0	19.6	<5.0	<5.0	74.9	<5.0	**9**	**32.2****	**166**	<5.0	<5.0	301.7
	8/2/11	NS	<1.0	<1.0	7.2	<1.0	<1.0	47.5	<1.0	**4.7**	<2.0	**87.6**	<1.0	<1.0	147
	5/7/14	NS	<1.0	<1.0	3.1	<1.0	<1.0	16.7	<1.0	**1.5**	<2.0	**40.5**	<1.0	<1.0	61.8
	8/6/14	NS	<1.0	<1.0	3.9	<1.0	<1.0	19.3	<1.0	**1.3**	<2.0	**47.1**	<1.0	<1.0	71.6
	11/19/14	NS	<1.0	<1.0	2.6	<1.0	<1.0	13.6	<1.0	**1.0**	<2.0	**34.5**	<1.0	<1.0	51.7
	2/3/15	NS	<1.0	<1.0	2.1	<1.0	<1.0	10.4	<1.0	<1.0	<2.0	**32.8**	<1.0	<1.0	45.3
	5/5/15	NS	<1.0	<1.0	2.5	<1.0	<1.0	12.6	<1.0	<1.0	<2.0	**36.3**	<1.0	<1.0	51.4
	5/5/16	NS	<1.0	<1.0	1.9	<1.0	<1.0	8.0	<1.0	<1.0	<2.0	**23.2**	<1.0	<1.0	33.1
MW-19	8/5/87	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/17/88	NS	BDL		BDL		BDL	5		BDL		**14**		--	19
	12/28/88	NS	BDL		BDL		BDL	BDL		BDL		**13**		--	13
	11/29/89	NS	BDL		BDL		BDL	BDL		BDL		**9**		--	9
	5/14/90	NS	BDL		0.12		0.46	3.68		**3.35**		**6.71**		--	14.32
	12/17/90	NS	BDL		BDL		BDL	10		BDL		**17**		--	27
	6/28/91	NS	BDL		BDL		BDL	6.1		BDL		**8.7**		--	14.8
	12/4/91	NS	0.4		BDL		BDL	6		BDL		**4.5**		--	10.9
	6/9/92	NS	BDL		0.47		0.5	5.7		BDL		**8.9**		--	15.57
	12/15/92	NS	BDL		BDL		BDL	BDL		BDL		**13**		--	13
	6/21/93	NS	BDL		BDL		2.2	15		BDL		**19**		--	36.2
	12/14/93	0.33	BDL		BDL		0.76	6.9		BDL		**8.9**		--	16.56
	6/1/94	2.4	BDL		BDL		0.74	4.1		BDL		**6.2**		--	11.04
	12/1/94	1	BDL		BDL		1.6	7.5		BDL		**8.6**		--	17.7
	6/1/95	1.2	BDL		BDL		BDL	10		BDL		**13**		--	23
	12/5/95	BDL	BDL		BDL		BDL	3		BDL		**3.8**		--	6.8
	3/4/96	BDL	BDL		BDL		BDL	2.5		BDL		**3.1**		--	5.6
	9/5/96	BDL	BDL		BDL		BDL	3.6		BDL		**4.9**		--	8.5
	3/26/97	BDL	BDL		BDL		BDL	2.2		BDL		**3.2**		--	5.4
	9/9/97	BDL	BDL		BDL		BDL	3.5		BDL		**2.1**		--	5.6
	2/25/98	BDL	BDL		BDL		BDL	2.6		BDL		**2.1**		--	4.7
	9/11/98	BDL	BDL		BDL		BDL	2.6		BDL		**4.5**		--	7.1
	2/25/99	BDL	BDL		BDL		BDL	1.1		BDL		**3.5**		--	4.6
	9/2/99	BDL	BDL		BDL		BDL	2.4		BDL		**3.8**		--	6.2
	3/14/00	0.58	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	8/24/00	0.75	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/9/01	BDL	BDL		BDL		BDL	1.8		BDL		**1.9**		--	3.7
	10/2/01	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	1/25/02	BDL	BDL		BDL		BDL	BDL		BDL		**1.7**		--	1.7
	4/3/02	BDL	BDL		BDL		BDL	3.6		BDL		**3.4**		--	7
	7/17/02	BDL	BDL		BDL		BDL	2.0		BDL		**4.7**		--	6.7
	10/9/02	BDL	BDL		BDL		BDL	BDL		BDL		**3**		--	3.0
	4/1/03	2.1	BDL		BDL		BDL	19		BDL		**15**		--	34.0
	10/28/03	0.40	BDL		BDL		BDL	13		BDL		**16**		--	29
	4/19/04	BDL	BDL		BDL		BDL	15		BDL		**12**		--	27
MW-20	5/17/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/28/88	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	11/29/89	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/14/90	BDL	BDL		BDL		8.09	0.26		BDL		**14.8**		--	23.15
	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/28/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/4/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/9/92	BDL	BDL		0.12		BDL	BDL		BDL		**1.3**		--	1.42
	12/15/92	1	BDL		BDL		BDL	BDL		BDL		**2**		--	2
	6/21/93	0.13	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-21	5/17/88	**300**	BDL		6		17	170		BDL		**84**		--	277
	12/28/88	**91**	BDL		BDL		5	42		BDL		**27**		--	74
	11/29/89	**200**	BDL		1		2	31		BDL		**16**		--	50
	6/28/91	**33**	NS		NS		NS	NS		NS		NS		--	NS

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SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-21	3/4/96	**21**	BDL		1.3		BDL	22		BDL		**38**		--	61.3
Continued	9/5/96	**13**	BDL		BDL		BDL	16		BDL		**13**		--	29
	3/26/97	1.5	BDL		2.4		BDL	27		BDL		**55**		--	84.4
	2/25/98	BDL	BDL		BDL		BDL	7.4		BDL		**12**		--	19.4
MW-24	12/17/90	NS	BDL		BDL		BDL	11		BDL		**17**		--	28
	6/28/91	**3.4**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/4/91	2.7	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/9/92	1.6	BDL		0.15		BDL	BDL		BDL		0.38		--	0.53
	12/15/92	2	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/21/93	1.8	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/14/93	0.29	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/1/94	1.8	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/1/95	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/99	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/14/00	1.2	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/9/01	0.53	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	1/25/02	Dry - Not Sampled			--		--	--		--		--		--	--
	4/1/02	Dry - Not Sampled			--		--	--		--		--		--	--
	7/17/02	Dry - Not Sampled			--		--	--		--		--		--	--
	10/9/02	Dry - Not Sampled			--		--	--		--		--		--	--
	4/1/03	Dry - Not Sampled			--		--	--		--		--		--	--
	10/27/03	0.98	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/19/04	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/20/04	0.65	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/12/05	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/10/2005	Dry-Not Sampled			--		--	--		--		--		--	--
	10/19/2006	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	4/16/07	0.57	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	10/8/07	Dry - Not Sampled			--		--	--		--		--		--	--
	5/13/08	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/13/08	NS *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/18/09	0.41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/2/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/18/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/5/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
MW-25	3/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/5/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	8/1/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/18/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/3/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
MW-26	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/28/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/4/91	NS	**30**		BDL		BDL	BDL		BDL		BDL		--	30
	6/9/92	NS	**31**		6		BDL	BDL		BDL		**120**		--	157
	12/15/92	NS	**63**		BDL		BDL	BDL		BDL		**19**		--	82
	6/21/93	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/4/96	NS	1.4		1.6		BDL	1.1		BDL		**990**		--	994.1
	3/26/97	NS	BDL		BDL		BDL	BDL		BDL		**400**		--	400
	2/25/98	NS	BDL		3		BDL	1.4		BDL		**3900**		--	3904.4
	1/25/02	NS	4		BDL		BDL	2.5		BDL		**23**		--	29.5
	4/3/02	NS	**6.2**		BDL		BDL	6.5		BDL		**9.6**		--	22.3
	7/18/02	NS	4.9		BDL		BDL	2.5		BDL		**22**		--	29.4
	10/9/02	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/1/03	NS	BDL		BDL		BDL	BDL		BDL		**33**		--	33
	10/28/03	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/19/04	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/21/04	NS	3.8		BDL		BDL	1.5		BDL		**1.4**		--	6.7
	4/12/05	NS	2.5		BDL		BDL	BDL		BDL		BDL		--	2.5
	10/10/05	Dry - Not Sampled													
	4/24/06	NS	4.3		BDL		BDL	BDL		BDL		BDL		**11**	4.3
	10/19/06	NS	3.5		BDL		BDL	BDL		BDL		BDL		**6.5**	3.5

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-26	4/17/07	NS	BDL		BDL		BDL	BDL		BDL		**1.6**		BDL	1.6
Continued	10/8/07	NS	3	1.7	<1.0	<1.0	<1.0	<1.0	12.6	<1.0	<2.0	<1.0	<1.0	**5.4**	22.7
	5/13/08	NS	3.1	1.9	<1.0	22.4	<1.0	<1.0	14.8	<1.0	<2.0	<1.0	1.6	**5.4**	49.2
	11/12/08	NS	1.7	1.3	<1.0	<1.0	<1.0	<1.0	9	<1.0	<2.0	<1.0	<1.0	**3.9**	15.9
	5/19/09	NS	3.5	2.5	<1.0	<1.0	<1.0	<1.0	7.6	<1.0	<2.0	<1.0	<1.0	**3.6**	17.2
	8/2/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.6	<1.0	<2.0	<1.0	<1.0	<1.0	2.6
MW-27	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		BDL		'-	BDL
	6/28/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/4/91	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/9/92	NS	BDL		0.32		BDL	BDL		BDL		BDL		--	0.32
	12/15/92	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/21/93	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/14/93	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/1/94	BDL	**10**		**120**		9.9	17		**24**		**23**		--	203.9
	12/1/94	NS	BDL		BDL		1.1	BDL		BDL		BDL		--	1.1
	6/1/95	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/5/95	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/4/96	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/4/96	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/9/97	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/10/98	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/99	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/14/00	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/9/01	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/1/01	NS	NS		NS		NS	NS		NS		NS		--	NA
	1/24/02	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/3/02	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	7/18/02	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/9/02	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/1/03	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/28/03	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/19/04	NS	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-28	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/28/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/4/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/9/92	BDL	BDL		BDL		0.32	BDL		BDL		BDL		--	0.32
	12/15/92	1	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/21/93	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/14/93	BDL	BDL		BDL		0.51	BDL		BDL		BDL		--	0.51
	3/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/5/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/27/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-29	12/17/90	BDL	BDL		BDL		7.5	6.3		BDL		BDL		--	13.8
	6/28/91	BDL	BDL		BDL		14	12		BDL		**9.5**		--	35.5
	12/4/91	BDL	1.3		1.8		15	17		BDL		**9.2**		--	44.3
	6/9/92	BDL	1.3		1.5		16	19		BDL		**11**		--	48.8
	12/15/92	1	BDL		BDL		6	BDL		BDL		**16**		--	22
	6/21/93	BDL	BDL		BDL		17	18		BDL		**13**		--	48
	12/14/93	BDL	1.1		1.3		10	14		BDL		**9.7**		--	36.1
	6/1/94	BDL	0.62		BDL		6.7	8.1		BDL		**5.5**		--	20.92
	12/1/94	BDL	BDL		BDL		5.4	7.1		BDL		**4.3**		--	16.8
	6/1/95	BDL	BDL		BDL		BDL	5.1		BDL		**3.1**		--	8.2
	12/5/95	BDL	BDL		BDL		1.5	2.3		BDL		**1.2**		--	5
	3/4/96	BDL	BDL		BDL		1.1	2		BDL		**1.4**		--	4.5
	9/5/96	BDL	BDL		BDL		1.2	2		BDL		**1.3**		--	4.5
	3/26/97	BDL	BDL		BDL		1.2	BDL		BDL		**1.3**		--	2.5
	9/9/97	BDL	BDL		BDL		BDL	3		BDL		**1.3**		--	4.3
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/10/98	BDL	1.3		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/99	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/2/99	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/14/00	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	8/24/00	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/8/01	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-29	10/2/01	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
Continued	1/24/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/3/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	7/17/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/9/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/1/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/27/03	BDL	BDL		BDL		BDL	3.3		BDL		**1.8**		--	5.1
	4/19/04	BDL	BDL		BDL		BDL	5.2		BDL		**2.3**		--	7.5
	4/12/05	BDL	BDL		BDL		BDL	3.1		BDL		**1.2**		--	4.3
	10/10/05	BDL	BDL		BDL		BDL	1.9		BDL		**1.2**		--	3.1
	4/24/06	BDL	BDL		BDL		BDL	1.7		BDL		BDL		BDL	1.7
	10/19/06	BDL	BDL		BDL		BDL	1.6		BDL		BDL		BDL	1.6
	4/17/07	BDL	BDL		BDL		BDL	1.1		BDL		BDL		BDL	1.1
	10/8/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<2.0	**1**	<1.0	<1.0	2.7
	5/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/12/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/18/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/1/11	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.2
	5/6/14	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/5/14	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/17/14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	BDL
	2/2/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	BDL
	5/4/15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	BDL
	5/4/16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1
MW-30	12/17/90	BDL	**8.4**		**77**		BDL	6.7		**29**		**8.4**		--	129.5
	6/28/91	BDL	**11**		**96**		6.5	11		**26**		**31**		--	181.5
	12/4/91	BDL	**16**		**170**		9.1	18		**21**		**21**		--	255.1
	6/9/92	BDL	**11**		**87**		9.3	11		**16**		**13**		--	147.3
	12/15/92	1	BDL		62		2	BDL		**11**		**11**		--	86
	6/21/93	0.16	**7.8**		56		3.6	11		**14**		**12**		--	104.4
	12/14/93	0.02	**12**		**130**		7.4	16		**22**		**23**		--	210.4
	6/1/94	BDL	**10**		**120**		9.9	17		**24**		**23**		--	203.9
	12/1/94	BDL	**12**		**130**		6.5	18		**22**		**22**		--	210.5
	6/1/95	BDL	BDL		**93**		4.2	21		**21**		**20**		--	159.2
	12/5/95	BDL	BDL		3.2		BDL	BDL		BDL		**1**		--	4.2
	3/4/96	BDL	1.2		9.6		BDL	2.1		**1.8**		**2.6**		--	17.3
	9/5/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		3.6		BDL	BDL		BDL		**1**		--	4.6
	9/9/97	BDL	**12**		**140**		5	27		**23**		**26**		--	233
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/11/98	BDL	BDL		**150**		4.2	24		**25**		**30**		--	233.2
	2/25/99	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/2/99	BDL	1.9		22		BDL	4.4		2.1		**4.8**		--	35.2
	3/14/00	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	8/24/00	BDL	2.9		59		BDL	8.7		**4.5**		**8.1**		--	83.2
	3/8/01	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/2/01	BDL	**7.9**		**110**		1.7	21		**18**		**24**		--	182.6
	1/25/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/3/02	BDL	2.5		12		BDL	BDL		BDL		**2.3**		--	16.8
	7/17/02	BDL	**7.1**		**79**		BDL	15		**13**		**20**		--	134.1
	10/9/02	BDL	BDL		**130**		BDL	21		**23**		**29**		--	203
	4/2/03	BDL	BDL		8.0		BDL	BDL		**2.1**		**1.4**		--	11.5
	10/28/03	BDL	3.8		53		BDL	15		BDL		**16**		--	87.8
	4/19/04	BDL	BDL		9.6		BDL	1.9		**2.0**		**2.2**		--	15.7
MW-31	9/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/9/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	BDL	BDL		BDL		BDL	BDL		**1.0**		BDL		--	1.0
	9/10/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
MW-32	10/19/06	BDL	BDL		BDL		BDL	BDL		BDL		**16**		BDL	16
	4/18/07	BDL	BDL		BDL		BDL	BDL		BDL		**20**		BDL	20
	10/8/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**14.2**	<1.0	<1.0	14.2
	5/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**22.7**	<1.0	<1.0	22.7
	11/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**14**	<1.0	<1.0	BDL
	5/19/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**19.6**	<1.0	<1.0	19.6
	8/2/11	NS	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**24.7**	<1.0	<1.0	25.8
	5/6/14	NS	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**22.1**	<1.0	<1.0	23.6
	8/6/14	NS	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**23.4**	<1.0	<1.0	25.3
	11/18/14	NS	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**27.6**	<1.0	<1.0	29.4
	2/3/15	NS	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**27.1**	<1.0	<1.0	28.6
	5/5/15	NS	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**21.4**	<1.0	<1.0	22.9
	5/3/16	NS	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**21.8**	<1.0	<1.0	23.6
MW-33	10/19/06	BDL	BDL		4.1		BDL	36		**5.1**		**96**			141.2
	4/18/07	BDL	BDL		BDL		BDL	27		BDL		**87**		BDL	114
	10/8/07	BDL	<1.0	<1.0	3.1	<1.0	<1.0	19.4	<1.0	**4.9**	<2.0	**56.9**	<1.0	<1.0	84.3
	5/13/08	0.15	<2.0	<2.0	<2.0	<2.0	<2.0	24.6	<2.0	**4.2**	<4.0	**100**	<2.0	<2.0	128.8

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
MW-33	11/13/08	0.14	<5.0	<5.0	<5.0	<5.0	<5.0	19.7	<5.0	<5.0	<10.0	**74**	<5.0	<5.0	93.7
Continued	5/19/09	**5.04**	<2.0	<2.0	3.2	<2.0	<2.0	20.3	<2.0	**4.4**	**9**	**110**	<2.0	<2.0	146.9
	8/1/11	NS	<1.0	<1.0	1.7	<1.0	<1.0	8.1	<1.0	**1.8**	<2.0	**38.9**	<1.0	<1.0	50.5
Dup-1	8/1/11	NS	<1.0	<1.0	1.7	<1.0	<1.0	8.1	<1.0	**1.9**	<2.0	**39.9**	<1.0	<1.0	51.6
	5/6/14	NS	<1.0	<1.0	1.3	<1.0	<1.0	6.9	<1.0	**1.5**	<2.0	**79.5**	<1.0	<1.0	89.2
Dup-1	5/6/14	NS	<1.0	<1.0	1.3	<1.0	<1.0	6.7	<1.0	**1.4**	<2.0	**78**	<1.0	<1.0	87.4
	8/6/14	NS	<1.0	<1.0	1.2	<1.0	<1.0	5.7	<1.0	**1.0**	<2.0	**66.3**	<1.0	<1.0	74.2
Dup-1	8/6/14	NS	<1.0	<1.0	1.3	<1.0	<1.0	5.8	<1.0	**1.0**	<2.0	**67**	<1.0	<1.0	75.1
	11/18/14	NS	<1.0	<1.0	1.4	<1.0	<1.0	4.4	<1.1	<1.0	<2.0	**47.1**	<1.0	<1.0	52.9
Dup-1	11/18/14	NS	<1.0	<1.0	1.5	<1.0	<1.0	4.6	<1.1	<1.0	<2.1	**49.2**	<1.0	<1.0	55.3
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<2.0	**42.7**	<1.0	<1.0	45.4
Dup-1	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<2.0	**42.2**	<1.0	<1.0	44.9
	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	3.9	<1.0	<1.0	<2.0	**44.9**	<1.0	<1.0	48.8
Dup-1	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	3.1	<1.0	<1.0	<2.0	**42.9**	<1.0	<1.0	46.0
	5/4/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<1.0	<1.0	<2.0	**53.3**	<1.0	<1.0	56.1
Dup-1	5/4/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<2.0	**55.8**	<1.0	<1.0	58.2
MW-34	8/2/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.0**	<1.0	<1.0	1.0
	5/7/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/19/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	2/2/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/4/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/2/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
PW-1	11/29/89	1	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/14/90	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/17/90	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/28/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/4/91	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/9/92	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/15/92	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/21/93	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/14/93	0.02	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/1/94	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/1/94	0.1	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	6/1/95	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	12/5/95	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/4/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/5/96	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/26/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/9/97	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	9/11/98	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
PW-2	11/29/89	**7**	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	5/14/90	**3.5**	BDL		0.2		BDL	0.4		BDL		**2.45**		--	3.05
	12/17/90	2.4	BDL		BDL		BDL	1		BDL		**10**		--	11
	6/28/91	2.5	BDL		BDL		BDL	BDL		BDL		**4.5**		--	4.5
	12/4/91	2.4	BDL		BDL		BDL	0.7		BDL		**5.5**		--	6.2
	6/9/92	1.6	BDL		0.3		0.22	1.3		BDL		**5.4**		--	7.22
	12/15/92	**3**	BDL		BDL		BDL	BDL		BDL		**5**		--	5
	6/21/93	1.6	BDL		BDL		BDL	1.4		BDL		**4.9**		--	6.3
	12/14/93	0.32	BDL		BDL		0.61	1.9		BDL		**5.4**		--	7.91
	6/1/94	1.2	BDL		BDL		0.74	2		BDL		**10**		--	12.74
	12/1/94	1.3	BDL		BDL		1.1	4.1		BDL		**19**		--	24.2
	6/1/95	NS	BDL		BDL		1.1	2.3		BDL		**14**		--	17.4
	12/5/95	BDL	BDL		BDL		BDL	3.1		BDL		**13**		--	16.1
	3/4/96	BDL	BDL		BDL		BDL	2.4		BDL		**12**		--	14.4
	9/5/96	BDL	BDL		BDL		BDL	2.6		BDL		**13**		--	15.6
	3/26/97	BDL	BDL		BDL		BDL	1.6		BDL		**8.4**		--	10
	9/9/97	BDL	BDL		BDL		BDL	3		BDL		**16**		--	19
	2/25/98	BDL	BDL		BDL		BDL	BDL		BDL		**11**		--	11
	9/11/98	BDL	BDL		BDL		BDL	BDL		BDL		**9.3**		--	9.3
	2/24/99	BDL	BDL		BDL		BDL	BDL		BDL		**8.2**		--	8.2
	9/2/99	BDL	BDL		BDL		BDL	BDL		BDL		**6.6**		--	6.6
	3/14/00	BDL	BDL		BDL		BDL	BDL		BDL		**17**		--	17
	8/24/00	0.54	BDL		BDL		BDL	BDL		BDL		**7.8**		--	7.8
	3/8/01	BDL	BDL		BDL		BDL	BDL		BDL		**4.8**		--	4.8
	10/2/01	BDL	BDL		BDL		BDL	1.6		BDL		**13**		--	14.6
	1/24/02	BDL	BDL		BDL		BDL	BDL		BDL		**37**		--	37
	4/3/02	BDL	BDL		BDL		BDL	BDL		BDL		**59**		--	59
	7/17/02	BDL	BDL		BDL		BDL	BDL		BDL		**33**		--	33
	10/9/02	BDL	BDL		BDL		BDL	BDL		BDL		**31**		--	31
	3/31/03	BDL	BDL		BDL		BDL	1.3		BDL		**21**		--	22.3
	10/27/03	BDL	BDL		BDL		BDL	BDL		BDL		**20**		--	20
	4/19/04	BDL	BDL		BDL		BDL	1.2		BDL		**12**		--	13.2

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
PW-2	10/20/04	BDL	BDL		BDL		BDL	BDL		BDL		**11**		--	11
Continued	4/11/05	BDL	BDL		BDL		BDL	BDL		BDL		**10**		--	10
	4/12/05	BDL	BDL		BDL		BDL	BDL		BDL		**10**		--	10
	10/10/05	BDL	BDL		BDL		BDL	BDL		BDL		**9.5**		--	9.5
	4/24/06	BDL	BDL		BDL		BDL	BDL		BDL		**5.8**		BDL	5.8
	4/18/07	BDL	BDL		BDL		BDL	BDL		BDL		**2.5**		BDL	2.5
	10/8/07	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**3.2**	<1.0	<1.0	3.2
	5/13/08	0.12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**3.4**	<1.0	<1.0	3.4
	11/12/08	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**3.3**	<1.0	<1.0	3.3
	5/18/09	0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.9**	<1.0	<1.0	1.9
	8/1/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.5**	<1.0	<1.0	2.5
	5/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.6**	<1.0	<1.0	1.6
	8/5/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0	<1.0	1.3
	11/17/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.5**	<1.0	<1.0	2.5
	2/2/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.6**	<1.0	<1.0	2.6
	5/4/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.7**	<1.0	<1.0	2.7
	5/4/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.4**	<1.0	<1.0	2.4
RW-1	12/1/94	1.8	3.9		BDL		**390**	**740**		**250**		**5300**		--	6683.9
	6/1/95	1	3		44		**360**	**770**		**270**		**4300**		--	5747
	12/5/95	1.2	3.1		34		**350**	**710**		**190**		**4900**		--	6187.1
	3/4/96	1.7	3		30		**280**	**490**		**210**		**3800**		--	4813
	9/4/96	1	BDL		BDL		**260**	**500**		**170**		**3200**		--	4130
	3/26/97	1.6	BDL		BDL		170	310		**120**		**2700**		--	3300
	9/9/97	1.3	BDL		BDL		**210**	**400**		**150**		**3700**		--	4460
	2/25/98	1.6	1.4		18		120	260		**74**		**2700**		--	3173.4
	9/11/98	1.1	BDL		18		140	240		**99**		**3500**		--	3997
	2/24/99	1.7	BDL		BDL		BDL	110		BDL		**2900**		--	3010
	9/2/99	BDL	BDL		BDL		BDL	240		**110**		**3700**		--	4050
	3/14/00	2.5	BDL		16		80	140		**69**		**1300**		--	1605
	8/24/00	2.4	BDL		BDL		BDL	BDL		BDL		**3100**		--	3100
	3/9/01	1.6	BDL		BDL		58	BDL		BDL		**3400**		--	3458
	10/1/01	0.74	BDL		BDL		BDL	190		BDL		**2700**		--	2890
	1/24/02	BDL	BDL		BDL		79	180		**93**		**4300**		--	4652
	7/18/02	1.8	BDL		BDL		BDL	BDL		BDL		**2800**		--	2800
	10/9/02	Not Accessible			--		--	--		--		--		--	--
	4/2/03	BDL	BDL		BDL		BDL	BDL		BDL		**2800**		--	2800
	10/27/03	**3.4**	BDL		BDL		BDL	76		**55**		**2800**		--	2931
	4/19/04	2.5	BDL		BDL		BDL	BDL		**55**		**1800**		--	1855
	10/21/04	**5.2**	BDL		BDL		BDL	BDL		BDL		**840**		--	840
	4/12/05	1.4	BDL		BDL		BDL	120		BDL		**3300**		--	3420
Duplicate	4/12/05	1.9	BDL		9.9		44	110		**52**		**3800**		--	4016
	10/11/05	**3.2**	BDL		BDL		BDL	BDL		BDL		**1300**		--	1300
Duplicate	10/11/05	**3.8**	BDL		BDL		BDL	BDL		BDL		**1500**		--	1500
	4/25/06	1.3	BDL		BDL		BDL	BDL		BDL		**1700**		BDL	1700
Duplicate	4/25/06	1.6	BDL		BDL		BDL	BDL		BDL		**1800**		BDL	1800
	10/19/06	2.2	BDL		BDL		BDL	BDL		BDL		**1100**			1100
Duplicate	10/19/06	2.2	BDL		BDL		BDL	BDL		BDL		**1000**			1000
	4/18/07	0.93	BDL		BDL		BDL	BDL		BDL		**360**		BDL	360
	10/9/07	2.41	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	**852**	**<50.0**	<50.0	852
	5/13/08	1.6	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	**709**	<50.0	<50.0	709
Duplicate	5/13/08	1.82	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		**931**	BDL	BDL	931
	11/12/08	0.91	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	**294**	<10.0	<10.0	294
Duplicate	11/12/08	NS	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		**1590**	BDL	BDL	1590
	5/19/09	0.16	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	**71.2**	**430**	<10.0	<10.0	501.2
Duplicate	5/19/09	ND	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**73.8****	**439**	BDL	BDL	439
	8/2/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**16.7**	<1.0	<1.0	16.7
	5/7/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**5**	<1.0	<1.0	5.0
	8/7/14	NS	<1.0	<1.0	1.6	<1.0	<1.0	1.3	<1.0	<1.0	<2.0	**173**	<1.0	<1.0	175.9
	11/18/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**13.3**	<1.0	<1.0	13.3
	2/2/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**16.2**	<1.0	<1.0	16.2
	5/5/15	NS	<1.0	<1.0	3.9	<1.0	1.2	3.7	<1.0	2.9	<2.0	**603**	<1.0	<1.0	614.7
	5/5/16	NS	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**16.5****	**535**	<4.0	<4.0	535.0
RW-2	12/14/93	0.33	BDL		BDL		2.8	2.4		BDL		**3**		--	8.2
	6/1/94	NS	BDL		1.4		9.3	6.9		BDL		**7.7**		--	25.3
	12/1/94	**10**	5.9		2		16	BDL		**6.5**		**17**		--	47.4
	6/1/95	**6.3**	BDL		BDL		7.6	6.5		BDL		**8.2**		--	22.3
	12/5/95	**7.4**	BDL		BDL		13	12		BDL		**18**		--	43
	3/4/96	**8.2**	BDL		1.1		10	12		BDL		**15**		--	38.1
	9/4/96	**4.5**	BDL		1.4		11	15		BDL		**15**		--	42.4
	3/26/97	**7.3**	BDL		1.1		9.5	14		BDL		**12**		--	36.6
	9/9/97	BDL	BDL		BDL		1.8	9.7		BDL		**26**		--	37.5
	2/25/98	**5.2**	BDL		BDL		8	12		BDL		**12**		--	32
	9/11/98	**6.6**	BDL		BDL		6.3	11		BDL		**14**		--	31.3
	2/24/99	**5.7**	BDL		BDL		4.7	7.9		BDL		**11**		--	23.6
	9/2/99	**4.8**	BDL		BDL		4.1	BDL		BDL		**13**		--	17.1

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
RW-2	3/14/00	**5.6**	BDL		BDL		7.4	10		BDL		**12**		--	29.4
Continued	8/24/00	**5.3**	BDL		BDL		4	6.4		BDL		**13**		--	23.4
	3/9/01	2.6	BDL		BDL		3.1	6.6		BDL		**11**		--	20.7
	10/1/01	1.8	BDL		BDL		2.1	6.6		BDL		**10**		--	18.7
	1/24/02	BDL	BDL		BDL		BDL	BDL		BDL		**1.4**		--	1.4
	4/3/02	1.3	BDL		BDL		BDL	BDL		BDL		**1.7**		--	1.7
	7/18/02	1.8	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/9/02	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/2/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/28/03	0.54	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/19/04	0.54	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/20/04	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/12/05	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/11/05	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
RW-3	12/1/94	0.55	0.94		7.4		11	250		**12**		**300**		--	581.34
	6/1/95	BDL	0.94		8.3		8.2	180		**11**		**220**		--	428.44
	12/5/95	BDL	1		5.4		4.5	290		**6.2**		**360**		--	667.1
	3/4/96	BDL	BDL		4.4		3.1	130		**4.5**		**210**		--	352
	9/4/96	BDL	BDL		6.4		BDL	150		**6.3**		**180**		--	342.7
	3/26/97	BDL	BDL		4.2		1.7	89		**3**		**130**		--	227.9
	9/9/97	BDL	BDL		3.5		1.8	120		**3.2**		**170**		--	298.5
	2/25/98	BDL	BDL		2.9		2	57		**2.4**		**120**		--	184.3
	9/11/98	BDL	BDL		3.2		1.9	54		**3.1**		**120**		--	182.2
	2/24/99	BDL	BDL		BDL		BDL	32		BDL		**74**		--	106
	9/2/99	BDL	BDL		2.1		BDL	38		BDL		**80**		--	120.1
	3/14/00	BDL	BDL		2.2		BDL	40		**1.9**		**85**		--	129.1
	8/24/00	0.53	BDL		BDL		BDL	30		BDL		**110**		--	140
	3/9/01	BDL	BDL		BDL		BDL	25		BDL		**78**		--	103
	10/2/01	BDL	BDL		BDL		BDL	36		BDL		**220**		--	256
	1/24/02	BDL	2.4		2.8		BDL	49		BDL		**85**		--	139.2
	4/3/02	BDL	BDL		BDL		BDL	27		BDL		**54**		--	81
	7/18/02	BDL	BDL		BDL		BDL	12		BDL		**26**		--	38
	10/9/02	BLD	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	3/31/03	2.1	BDL		BDL		BDL	12		BDL		**17**		--	29
	10/27/03	BDL	1.8		2.4		BDL	22		BDL		**46**		--	72.2
	4/19/04	BDL	2.1		3.1		BDL	25		BDL		**48**		--	78.2
	10/21/04	BDL	1.5		2		BDL	13		BDL		**36**		--	52.5
	4/11/05	BDL	1.1		1.9		BDL	13		BDL		**32**		--	48
	10/10/05	BDL	1.2		2.0		BDL	8.6		BDL		**25**		--	36.8
	4/25/06	BDL	BDL		BDL		BDL	5.7		BDL		**8.6**		BDL	14.3
	10/10/06	BDL	BDL		BDL		BDL	2.8		BDL		**5.3**		BDL	8.1
	4/18/07	BDL	BDL		BDL		BDL	2.4		BDL		**7.8**		BDL	10.2
	10/9/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<2.0	**4.2**	<1.0	<1.0	6.6
	5/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	<1.0	<1.0	<2.0	**7.2**	<1.0	<1.0	10.5
	11/13/08	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<2.0	**4.3**	<1.0	<1.0	6.8
	5/19/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<2.0	**3.4**	<1.0	<1.0	5.6
	8/1/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**3.5**	<1.0	<1.0	3.5
	5/7/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<2.0	**5.7**	<1.0	<1.0	7.4
	8/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<2.0	**5.2**	<1.0	<1.0	6.7
	11/18/14	NS	Not sampled due to ongoing construction												
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.8**	<1.0	<1.0	2.8
	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<2.0	**3.5**	<1.0	<1.0	4.5
	5/4/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<2.0	**4.2**	<1.0	<1.0	5.3
RW-4	12/1/94	1.6	BDL		2.4		3.8	76		**1.4**		**100**		--	183.6
	6/1/95	1.3	BDL		1.7		3.2	70		BDL		**33**		--	107.9
	12/5/95	BDL	BDL		BDL		6.5	63		BDL		**38**		--	107.5
	3/4/96	BDL	BDL		2.1		2	42		BDL		**34**		--	80.1
	9/4/96	BDL	BDL		1.4		BDL	28		BDL		**19**		--	48.4
	3/26/97	BDL	BDL		1.8		1.6	36		BDL		**27**		--	66.4
	9/9/97	BDL	BDL		3.2		5.6	94		**5.3**		**160**		--	268.1

TABLE 3
SELECTED GROUNDWATER MONITORING DATA: 1986 - PRESENT
SYNGENTA CROP PROTECTION FACILITY, GREENSBORO, NC

Sample Designation	Sample Date	Atrazine (ug/l)	1,1-Di-chloroethane (ug/l)	Chlorobenzene (ug/l)	Chloroform (ug/l)	Dichlorodifluoro-methane (ug/l)	1,1,1-Tri-chloroethane (ug/l)	1,1-Di-chloroethene (ug/l)	Cis-1,2-Di-chloroethene (ug/l)	Carbon Tetrachloride (ug/l)	Methylene Chloride (ug/l)	Tetrachloro-ethene (ug/l)	Trichloroethene	Vinyl Chloride (ug/l)	TOTAL SELECTED VOCs (ug/l)
NC 2L Standard		**3**	**6**	**50**	**70**	**1,000**	**200**	**350**	**70**	**0.3**	**5**	**0.7**	**3**	**0.03**	
RW-4	2/25/98	BDL	BDL		1.6		1.8	32		BDL		**29**		--	64.4
Continued	9/11/98	BDL	BDL		1.5		3.0	37		2.5		**140**		--	184
	2/24/99	BDL	BDL		BDL		BDL	27		BDL		**23**		--	50
	9/2/99	2.2	BDL		BDL		BDL	28		BDL		**110**		--	138
	3/14/00	0.45	BDL		BDL		BDL	25		BDL		**42**		--	67
	8/24/00	0.9	BDL		BDL		BDL	19		BDL		**160**		--	179
	3/9/01	0.76	BDL		1.7		1.8	18		**2.2**		**110**		--	133.7
	10/2/01	BDL	BDL		1.2		1.8	25		BDL		**25**		--	53
	1/24/02	BDL	BDL		BDL		1.8	7.2		BDL		**8**		--	17
	4/3/02	BDL	BDL		BDL		BDL	12		BDL		**11**		--	23
	7/18/02	BDL	BDL		BDL		BDL	7		BDL		**11**		--	18
	10/9/02	BDL	BDL		BDL		BDL	4.7		BDL		**7.6**		--	12.3
	4/1/03	2.1	BDL		BDL		BDL	13.0		BDL		**13**		--	26
	10/28/03	BDL	BDL		BDL		BDL	14		BDL		**15**		--	29
	4/19/04	0.43	BDL		BDL		BDL	20		BDL		**11**		--	31
RW-5	12/1/94	1.8	BDL		BDL		BDL	7		BDL		**17**		--	24
	6/1/95	BDL	BDL		BDL		BDL	8.2		BDL		**14**		--	22.2
	12/5/95	BDL	BDL		BDL		BDL	13		BDL		**14**		--	27
	3/4/96	BDL	BDL		BDL		BDL	6.1		BDL		**11**		--	17.1
	9/4/96	BDL	BDL		BDL		BDL	7		BDL		**16**		--	23
	3/26/97	BDL	BDL		BDL		BDL	5.1		BDL		**8.9**		--	14
	9/9/97	6.7	BDL		1.1		10	18		BDL		**15**		--	44.1
	2/25/98	BDL	BDL		BDL		BDL	5		BDL		**13**		--	18
	9/11/98	BDL	BDL		4.4		BDL	56		**28**		**680**		--	768.4
	2/24/99	BDL	BDL		BDL		BDL	5.3		BDL		**19**		--	24.3
	9/2/99	BDL	BDL		1.3		BDL	24		**1.5**		**60**		--	86.8
	3/14/00	BDL	BDL		BDL		BDL	BDL		BDL		**14**		--	14
	8/24/00	0.81	BDL		6.5		BDL	5.5		BDL		**20**		--	32
	3/9/01	BDL	BDL		BDL		BDL	4.3		BDL		BDL		--	4.3
	10/1/01	BDL	BDL		BDL		BDL	10		BDL		**25**		--	35
	1/24/02	BDL	BDL		BDL		BDL	6.0		BDL		**30**		--	36
	4/3/02	BDL	BDL		BDL		BDL	13		BDL		**28**		--	41
	7/17/02	BDL	BDL		BDL		BDL	7		BDL		**25**		--	32
	10/9/02	BDL	BDL		BDL		BDL	5.7		BDL		**24**		--	29.7
	4/1/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/27/03	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/19/04	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/20/04	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	4/11/05	BDL	BDL		BDL		BDL	BDL		BDL		BDL		--	BDL
	10/11/05	BDL	BDL		BDL		BDL	3.9		BDL		**10**		--	13.9
	4/24/06	BDL	BDL		BDL		BDL	3.5		BDL		**5.9**		BDL	9.4
	10/19/2006	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	4/18/07	BDL	BDL		BDL		BDL	BDL		BDL		BDL		BDL	BDL
	10/9/07	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<2.0	**3**	<1.0	<1.0	4.4
	5/13/08	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<2.0	**3.6**	<1.0	<1.0	5.3
	11/12/08	0.12	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<2.0	**4.1**	<1.0	<1.0	6.2
	5/19/09	BDL	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/1/11	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.4**	<1.0	<1.0	1.4
	5/6/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	8/5/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	11/18/14	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0	<1.0	1.3
	2/3/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**1.3**	<1.0	<1.0	1.3
	5/5/15	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL
	5/4/16	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	BDL

* - Insufficient volume of groundwater available for Atrazine sample
** - Laboratory Contaminant

TABLE 2 GROUNDWATER ELEVATION DATA
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Well Number	Casing Elevation (ft AMSL)	Depth to Groundwater (feet below measuring point)																													
		12/13/93	12/16/93	12/20/93	12/22/93	12/29/93	01/03/94	01/06/94	1/11/94	1/19/94	1/27/94	2/01/94	2/08/94	2/15/94	2/22/94	6/08/94	9/23/94	12/20/94	6/08/95	12/05/95	3/04/96	9/5/96	3/26/97	9/9/97	2/24/98	9/10/98	2/24/99	9/2/99	3/13/00	8/24/00	3/8/01
MW-1	894.54	--	--	--	--	--	--	11.94	--	--	--	10.72	--	--	--	9.89	10.40	11.79	10.84	12.16	8.41	9.81	6.91	11.02	8.13	11.16	11.03	13.39	10.03	10.71	10.90
MW-2 *	910.02	--	--	--	--	--	--	21.46	--	--	--	24.05	--	--	--	23.51	--	25.82	24.98	24.35	21.99	23.69	20.52	25.50	22.24	25.15	24.88	27.75	23.69	27.09	20.00
MW-3 *	906.00	26.54	26.97	26.47	26.38	26.22	26.11	25.99	25.77	25.35	25.08	24.79	24.53	24.15	23.80	24.05	24.62	26.10	25.51	25.08	22.57	24.55	20.61	25.60	21.75	25.55	24.60	27.79	23.45	26.77	23.75
MW-5	895.57	--	--	--	--	--	--	15.20	--	--	--	14.01	--	--	--	13.07	Dry	14.88	14.19	13.82	11.59	13.10	9.92	14.19	11.18	14.39	13.92	16.27	13.00	14.47	13.75
MW-6 *	892.29	--	--	--	--	--	--	24.65	--	--	--	23.26	--	--	--	23.95	--	24.83	24.67	23.77	21.97	22.41	20.04	25.12	20.18	25.15	24.15	26.29	23.40	24.61	19.51
MW-10	919.19	--	--	--	--	--	--	30.34	--	--	--	28.99	--	--	--	27.78	28.57	30.38	29.41	28.91	26.43	28.36	24.92	29.22	26.84	29.39	29.48	32.08	29.19	31.65	--
MW-11*	911.61	--	--	--	--	--	--	21.10	--	--	--	22.69	--	--	--	22.14	--	24.43	23.61	22.97	20.58	22.28	19.15	23.68	20.81	23.76	23.48	26.36	23.28	25.70	21.93
MW-12 *	895.62	--	--	--	--	--	--	14.83	--	--	--	13.88	--	--	--	12.72	13.46	14.76	13.91	13.58	11.29	13.42	9.82	--	11.27	14.25	13.99	16.38	13.08	12.33	11.35
MW-13 *	895.42	--	--	--	--	--	--	15.14	--	--	--	14.33	--	--	--	13.16	13.71	15.05	14.19	14.03	11.66	13.54	10.19	--	11.63	14.57	14.39	16.75	13.43	12.78	11.38
MW-14 *	907.01	--	--	--	--	--	--	25.55	--	--	--	24.18	--	--	--	23.63	23.97	25.33	24.97	23.85	20.59	22.81	20.40	25.05	21.73	25.07	24.41	25.34	23.86	23.45	21.97
MW-16	888.09	--	--	--	--	--	--	14.11	--	--	--	13.03	--	--	--	13.60	13.90	14.47	12.83	13.68	12.68	13.00	11.30	14.93	11.95	15.07	14.33	16.15	13.95	15.71	12.44
MW-17	888.11	14.65	14.54	14.49	14.41	14.42	14.38	14.28	14.21	--	13.13	13.20	13.26	12.95	13.00	13.81	14.16	14.62	14.39	13.78	12.46	13.12	11.58	14.94	11.95	15.08	14.31	16.07	13.91	15.58	12.70
MW-18 *	895.60	23.72	23.73	23.48	23.29	23.37	23.13	23.01	22.86	22.35	21.67	21.61	21.64	20.76	21.00	22.37	--	23.22	23.05	22.11	20.34	20.59	18.42	23.58	18.80	23.56	22.51	24.68	21.80	23.20	19.46
MW-19 *	878.03	16.95	17.42	16.14	15.10	15.37	14.94	14.50	14.44	14.10	13.39	13.92	13.95	13.37	13.93	16.51	16.00	14.89	16.48	14.71	13.98	12.72	12.10	17.23	12.86	17.53	15.20	18.07	15.15	16.78	11.32
MW-20	886.44	15.96	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	11.60	12.42	14.17	14.45	14.47	>16.4	>16.4	>16.4	>16.4	>16.4	14.39	15.52	12.63	--	13.96	15.27	Dry	Dry	14.53	Dry	Dry
MW-21*	899.42	29.82	29.84	29.84	29.85	29.81	29.86	29.86	29.86	29.90	25.11	29.18	29.27	28.82	28.71	29.55	--	29.84	29.74	29.72	27.73	29.00	25.92	29.81	27.23	29.80	30.11	29.94	29.07	27.81	25.00
MW-22 *	915.56	--	--	--	--	--	--	28.79	--	--	--	27.74	--	--	--	25.86	26.43	28.42	27.48	27.41	25.22	26.81	23.65	27.50	24.89	26.91	27.13	29.51	25.91	28.25	25.20
MW-23 *	915.60	--	--	--	--	--	--	30.88	--	--	--	29.82	--	--	--	28.73	29.40	31.05	30.34	30.06	27.47	29.30	25.82	29.91	27.20	29.86	29.54	32.33	28.35	31.10	26.92
MW-24 *	903.74	--	--	--	--	--	--	25.73	--	--	--	24.58	--	--	--	23.91	24.32	25.77	25.09	24.44	22.46	24.25	21.20	25.24	22.65	25.38	24.86	27.28	24.06	25.12	22.20
MW-25 *	886.87	20.10	20.13	20.14	20.16	--	20.15	20.16	20.17	20.20	18.44	19.83	19.46	17.94	17.33	19.27	20.20	>20.5	19.90	14.97	15.61	15.56	14.84	20.08	10.56	20.09	18.47	Dry	16.72	Dry	15.00
MW-26	891.21	--	--	--	--	--	--	--	--	--	--	18.12	--	--	--	>18.4	>18.4	>18.4	18.67	18.64	18.62	17.12	15.87	--	17.44	15.71	18.71	Dry	Dry	Dry	16.32
MW-27 *	883.79	16.15	16.15	15.80	15.79	15.82	16.10	15.98	15.89	15.62	11.94	12.60	14.09	14.25	14.27	15.98	16.67	17.21	17.22	16.58	14.78	15.56	12.10	17.20	14.41	17.41	16.19	Dry	15.75	Dry	13.76
MW-28	894.58	--	--	--	--	--	--	23.18	--	--	--	22.81	--	--	--	22.55	--	23.58	23.38	23.35	22.10	22.53	20.92	18.48	22.02	23.88	23.36	24.74	22.77	24.42	23.01
MW-29	880.53	--	--	--	--	--	--	12.01	--	--	--	11.64	--	--	--	12.22	12.41	12.48	12.63	11.97	10.98	11.71	9.89	13.38	10.02	13.31	11.72	12.87	10.73	12.95	10.67
MW-30	875.28	--	--	--	--	--	--	8.98	--	--	--	8.87	--	--	--	9.47	9.39	9.02	9.52	8.77	8.66	6.58	8.05	9.83	6.82	9.83	8.68	8.61	7.87	8.60	7.24
MW-31	889.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12.61	8.98	13.32	9.96	13.47	12.65	14.31	11.87	13.54	12.16
MW-32	894.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	889.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	876.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PW-1	877.16	--	--	--	--	--	--	5.74	--	--	6.02	5.88	--	--	--	8.23	7.80	6.26	7.89	6.74	8.30	4.97	5.48	8.94	5.24	8.37	5.50	8.21	7.04	Dry	5.69
PW-2	877.14	--	--	--	--	--	--	7.73	--	--	7.64	7.46	--	--	--	8.79	8.75	8.11	8.81	7.87	6.90	7.27	6.90	9.61	7.09	9.36	7.75	9.24	7.79	10.82	7.43
RW-1	894.38	--	--	--	--	--	--	--	--	--	11.98	24.55	22.75	19.53	22.81	--	--	22.00	23.47	26.63	21.42	9.39	--	--	--	--	--	--	--	--	--
RW-2	884.80	--	--	--	--	--	--	--	--	--	9.38	10.03	12.53	22.60	12.34	14.08	14.74	15.27	15.34	14.78	12.94	13.90	--	--	--	--	--	--	--	--	--
RW-3	898.22	--	--	--	--	--	--	--	--	--	21.32	28.45	29.09	28.43	28.37	29.98	30.57	31.82	31.63	30.66	28.30	28.84	--	--	--	--	--	--	--	--	--
RW-4	879.74	--	--	--	--	--	--	--	--	--	12.47	27.15	27.22	28.87	24.35	27.63	28.00	25.95	28.14	29.00	--	28.74	--	--	--	--	--	--	--	--	--
RW-5	888.90	--	--	--	--	--	--	--	--	--	15.77	28.25	30.25	23.42	31.60	29.81	30.90	31.98	27.85	25.08	23.59	29.67	--	--	--	--	--	--	--	--	--

* - Indicates estimated top of casing elevation after wellhead reconstructed as flush-mount completion.
ft AMSL = feet above mean sea level

TABLE 2 GROUNDWATER ELEVATION DATA
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

Well Number	Casing Elevation (ft AMSL)	Depth to Groundwater (feet below measuring point)																										Max. Depth (feet)	5/2/16 Groundwater Elev. (ft AMSL)
		10/1/01	1/24/02	4/1/02	7/17/02	10/9/02	11/4/02	3/31/03	10/27/03	4/19/04	10/21/04	4/11/05	10/10/05	4/24/06	10/19/06	4/16/07	10/8/07	5/12/08	11/12/08	5/18/09	8/1/11	5/5/14	8/5/14	11/17/14	2/2/15	5/4/15	5/2/16		
MW-1	894.54	13.66	13.71	12.35	14.28	14.37	Dry	6.82	6.24	7.28	8.45	7.19	11.70	7.92	10.17	8.31	13.44	10.48	12.90	9.18	11.05	6.41	9.62	5.22	10.84	8.79	2.07	14.37	892.47
MW-2 *	910.02	24.30	24.96	23.84	25.62	26.30	24.75	19.00	17.32	18.44	19.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	27.75	--
MW-3 *	906.00	23.22	23.14	21.33	24.29	Dry	--	14.85	15.00	15.97	17.09	15.23	--	19.62	--	16.49	23.38	18.71	21.84	17.86	21.20	14.43	18.68	21.62	19.32	17.15	16.23	27.79	889.77
MW-5	895.57	16.21	16.03	14.50	16.52	Dry	15.49	9.41	9.81	20.02	11.29	9.96	14.99	13.88	13.01	11.30	16.04	13.27	15.58	11.87	14.02	9.51	12.34	14.05	13.37	11.73	10.69	20.02	884.88
MW-6 *	892.29	21.85	20.67	19.37	21.32	21.38	20.16	14.82	15.86	16.34	17.20	15.66	22.43	21.14	20.41	18.98	22.75	20.54	22.84	19.06	20.74	17.19	19.20	20.22	19.67	18.85	18.38	26.29	873.91
MW-10	919.19	29.45	30.35	29.51	30.85	31.52	--	24.81	22.35	23.71	25.14	23.64	28.32	27.86	27.34	25.70	30.17	28.02	30.26	26.50	28.42	23.30	26.62	28.06	28.04	26.30	24.17	32.08	895.02
MW-11*	911.61	24.32	24.96	24.10	25.65	25.83	24.80	19.00	17.41	18.43	19.85	17.86	23.13	22.57	22.07	19.36	25.11	22.56	24.90	20.95	23.26	17.62	20.70	22.81	22.69	20.82	18.88	26.36	892.73
MW-12 *	895.62	13.58	13.98	12.70	NA	14.99	13.61	7.38	6.79	7.77	8.95	7.74	12.32	11.23	10.75	8.84	13.67	11.20	13.47	9.69	11.57	6.87	9.96	11.85	11.37	9.54	8.09	16.38	887.53
MW-13 *	895.42	13.47	14.00	17.72	NA	14.98	13.47	7.23	6.76	7.75	8.89	7.72	--	11.42	10.72	8.81	13.70	11.21	13.45	9.52	11.51	6.80	9.85	11.82	11.32	9.49	8.05	17.72	887.37
MW-14 *	907.01	22.46	Dry	Dry	Dry	Dry	Dry	Dry	Dry	8.86	19.86	18.85	Dry	22.56	21.85	20.13	22.52	23.15	23.56	20.76	22.20	17.81	21.10	22.46	22.49	20.80	19.19	25.55	887.82
MW-16	888.09	15.01	12.60	11.90	13.67	13.45	--	8.46	8.93	9.04	9.57	8.53	--	11.65	10.30	9.31	13.28	10.92	12.27	9.82	11.82	8.92	10.63	11.05	10.29	9.69	9.68	16.15	878.41
MW-17	888.11	15.01	12.86	12.15	13.60	13.70	--	9.00	9.33	9.42	9.91	8.87	12.80	11.42	11.22	9.77	13.64	11.40	12.69	14.10	12.18	9.35	11.02	11.51	10.77	10.28	10.07	16.07	878.04
MW-18 *	895.60	21.83	20.68	19.56	21.34	21.44	19.98	14.85	16.07	16.43	17.21	15.78	22.51	21.34	20.61	19.15	22.88	20.67	22.50	19.19	20.95	17.47	19.46	20.60	19.88	19.12	18.65	24.68	876.95
MW-19 *	878.03	14.70	11.38	10.44	12.78	12.69	--	9.12	9.61	9.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.07	--
MW-20	886.44	Dry	9.60	8.02	10.39	10.53	--	4.86	5.37	5.05	6.12	4.66	8.85	6.44	6.09	4.90	Dry	6.20	8.10	5.69	8.10	4.78	6.55	6.94	5.39	5.08	4.95	15.96	881.49
MW-21*	899.42	25.42	23.61	22.25	23.95	24.03	--	17.82	19.00	19.70	19.46	19.44	24.14	22.48	21.88	20.45	24.36	21.99	23.87	20.62	22.43	18.65	20.90	22.06	21.50	20.44	19.86	30.11	879.56
MW-22 *	915.56	27.70	28.33	26.47	28.44	28.42	--	20.58	19.63	21.48	21.87	--	--	24.49	--	21.63	27.15	23.54	26.25	22.25	24.80	19.47	22.76	25.06	24.38	22.32	20.91	29.51	894.65
MW-23 *	915.60	29.43	29.91	27.87	30.35	31.22	--	22.16	21.48	21.48	23.48	21.91	--	25.84	--	23.01	29.18	24.91	27.75	23.58	--	20.81	24.64	26.75	24.69	23.54	22.35	32.33	893.25
MW-24 *	903.74	24.37	24.76	23.30	Dry	Dry	Dry	Dry	18.24	19.00	19.92	18.93	Dry	22.51	21.72	20.35	24.51	22.03	24.08	20.68	22.41	18.02	20.84	22.45	22.05	20.49	19.35	27.28	884.39
MW-25 *	886.87	Dry	15.31	14.56	15.65	15.73	--	3.98	8.19	12.22	8.21	7.62	--	13.36	11.65	9.56	14.27	12.98	14.71	10.94	13.71	8.55	12.47	13.23	12.85	12.10	11.02	20.20	875.85
MW-26	891.21	16.31	14.28	12.47	15.12	15.11	--	7.87	9.90	9.39	10.73	8.67	Dry	10.65	11.00	8.60	15.15	10.95	12.73	10.09	13.27	9.04	11.54	11.99	10.43	10.08	9.58	18.71	881.63
MW-27 *	883.79	15.37	9.81	7.55	10.05	10.03	--	3.84	4.86	3.69	5.70	3.66	8.79	6.17	6.09	3.93	Dry	5.67	8.01	4.51	8.49	4.50	6.73	7.47	5.70	4.47	5.25	17.41	878.54
MW-28	894.58	24.97	24.04	23.23	25.28	24.91	--	20.82	20.77	--	--	Dry	20.71	Dry	--	--	--	--	--	--	--	20.20	--	21.46	21.85	20.77	20.50	25.28	874.08
MW-29	880.53	13.40	11.75	10.85	13.59	12.98	--	7.91	10.42	9.35	--	8.97	12.66	10.63	11.31	8.87	13.61	10.57	12.18	10.29	12.82	8.80	11.40	11.86	10.58	9.89	9.81	13.61	870.72
MW-30	875.28	9.40	6.56	7.52	9.21	8.87	--	4.52	7.82	7.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.83	--
MW-31	889.77	14.63	23.21	12.68	14.05	14.22	--	7.56	8.02	8.52	9.80	8.80	13.41	21.33	11.65	9.85	12.52	11.44	13.11	11.54	12.13	8.50	10.59	12.04	11.17	9.94	9.29	23.21	880.48
MW-32	894.59	--	--	--	--	--	--	--	--	--	--	--	--	--	13.79	13.10	16.34	13.98	15.70	13.15	14.52	11.22	13.36	14.51	14.10	13.02	12.21	16.34	882.38
MW-33	889.18	--	--	--	--	--	--	--	--	--	--	--	--	--	15.51	14.00	17.67	15.46	17.21	13.86	15.55	12.14	14.03	15.01	14.46	13.72	13.30	17.67	875.88
MW-34	876.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	62.04	12.62	37.65	27.50	25.57	32.71	12.02	62.04	864.20
PW-1	877.16	9.90	5.31	5.35	9.15	8.69	--	4.96	6.73	5.82	6.86	5.59	--	6.82	--	--	8.74	6.91	6.93	5.75	7.78	6.18	6.50	6.15	5.46	6.35	6.05	9.90	871.11
PW-2	877.14	10.23	7.39	7.15	9.43	9.00	--	6.56	7.32	5.89	7.30	6.48	8.18	7.33	--	6.14	8.98	7.21	7.62	6.44	7.91	6.35	7.01	6.60	5.94	5.83	6.40	10.82	870.74
RW-1	894.38	--	14.33	NA	14.62	NA	--	7.57	7.47	8.25	9.40	8.06	12.81	11.98	11.10	9.37	14.13	11.30	13.68	9.95	11.88	7.46	10.25	12.07	11.53	9.70	8.75	26.63	885.63
RW-2	884.80	--	10.04	8.26	10.75	10.65	--	4.62	5.45	5.09	6.19	4.58	9.01	6.56	6.54	4.96	10.67	6.35	8.32	5.60	8.68	4.81	7.07	7.60	5.94	5.49	5.43	22.60	879.37
RW-3	898.22	--	21.31	21.12	22.86	23.03	--	16.61	16.90	17.61	18.42	17.14	22.92	21.67	21.04	19.60	23.62	21.26	23.14	9.94	21.70	17.85	20.19	--	20.72	19.68	19.11	31.82	879.11
RW-4	879.74	--	13.27	12.30	14.24	14.11	--	9.85	10.90	10.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29.00	--
RW-5	888.90	--	16.11	15.67	16.68	23.13	--	8.81	11.00	--	27.10	10.36	16.15	15.06	13.71	12.04	16.74	14.68	16.08	13.10	15.46	10.93	14.28	14.87	14.87	1.37	12.80	31.98	876.10

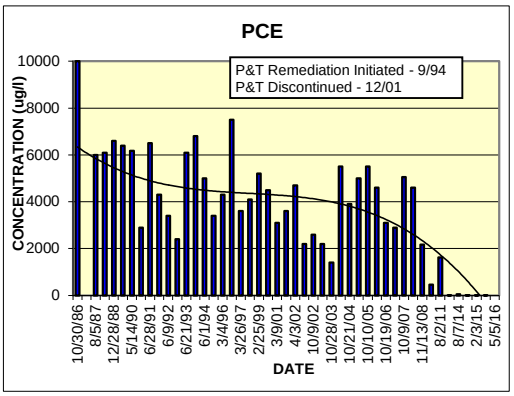
* - Indicates estimated top of casing elevation after wellhead reconstructed as flush-mount completion.
ft AMSL = feet above mean sea level

TABLE 1 SAMPLE LOCATIONS
SYNGENTA CROP PROTECTION FACILITY
GREENSBORO, NORTH CAROLINA

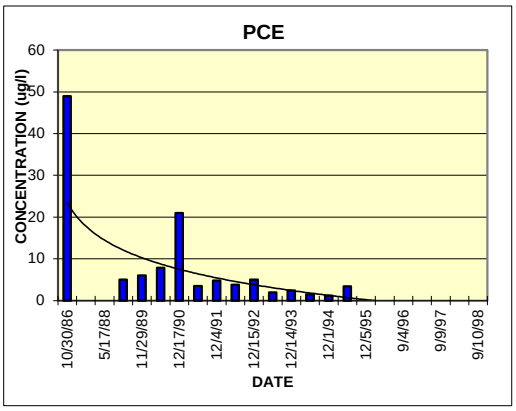
Sample Location	VOC Analysis by EPA 601/SM6200	Field Parameter Collection
Groundwater Locations		
MW-1	X	X
MW-6	X	X
MW-11	X	X
MW-17	X	X
MW-18	X	X
MW-24	X	X
MW-25	X	X
MW-29	X	X
MW-32	X	X
MW-33 (+ duplicate sample)	X	X
MW-34	X	X
PW-2	X	X
RW-1	X	X
RW-3	X	X
RW-5	X	X
Surface Water Locations		
SW-LC-1East (property line)	X	X

Appendix A
Tetrachloroethene Concentration vs. Time Graphs

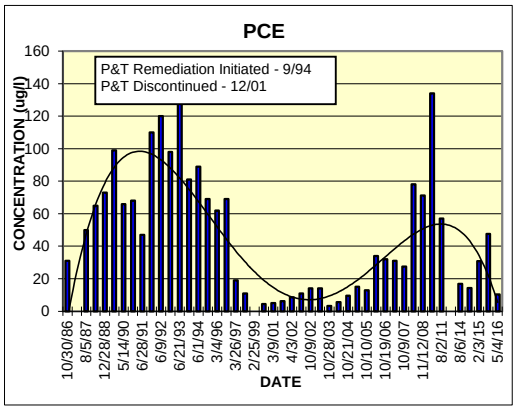
MW-1



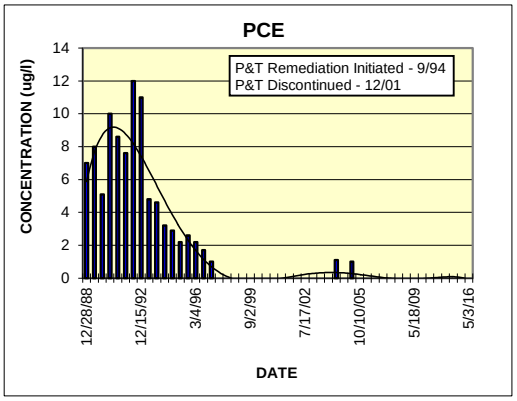
MW-2



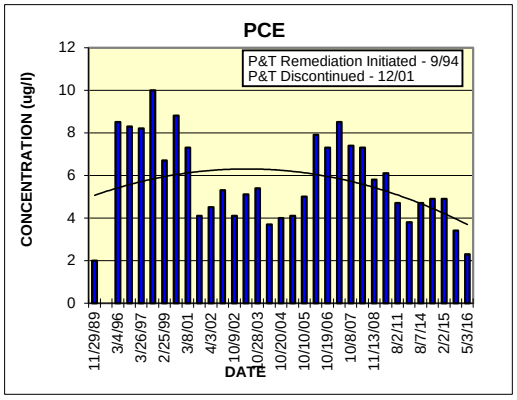
MW-6



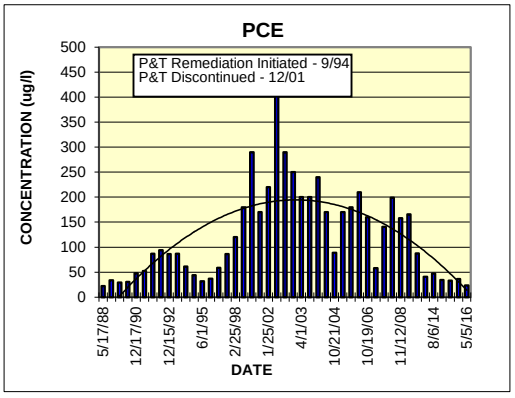
MW-11



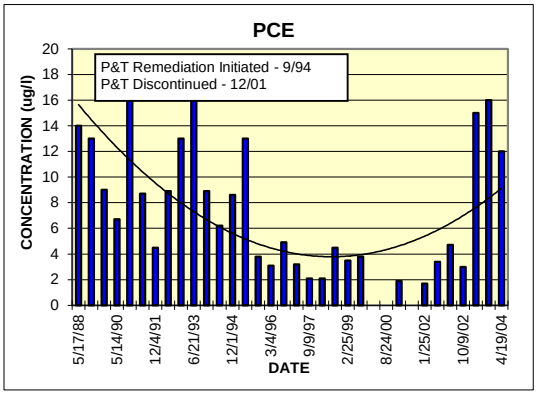
MW-17



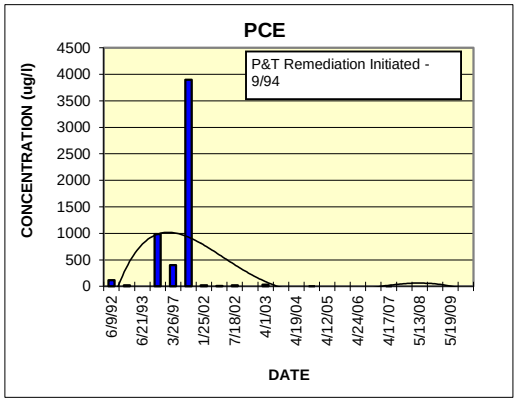
MW-18



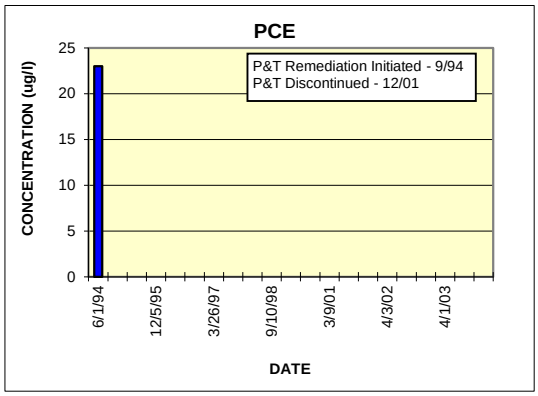
MW-19



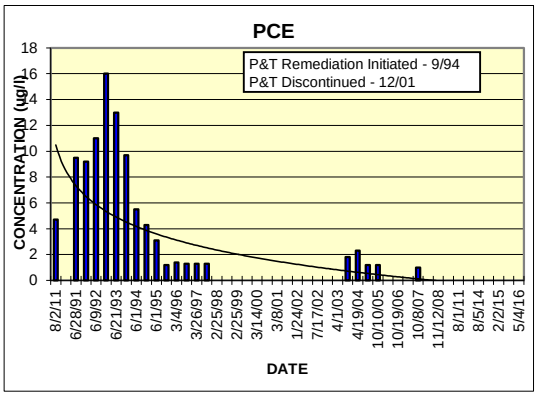
MW-26



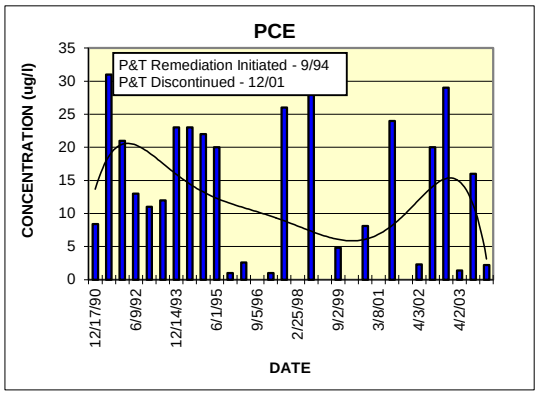
MW-27



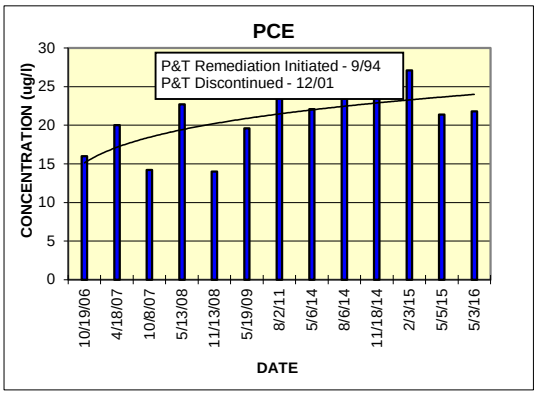
MW-29



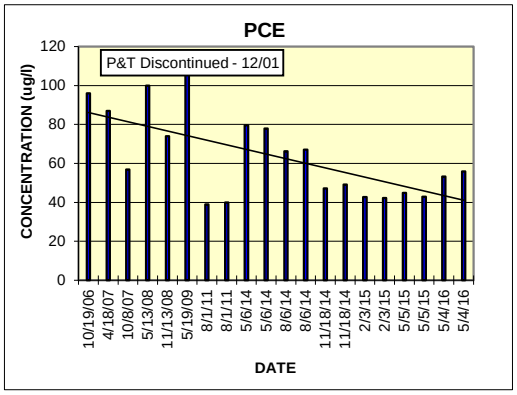
MW-30



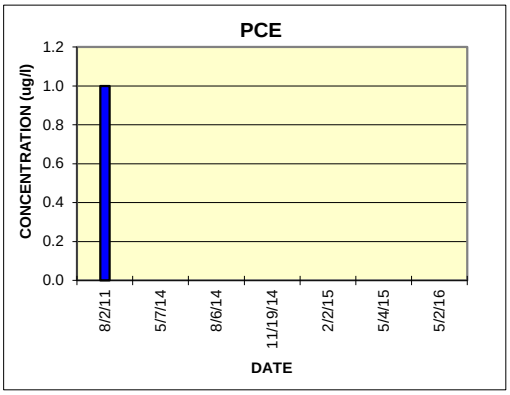
MW-32



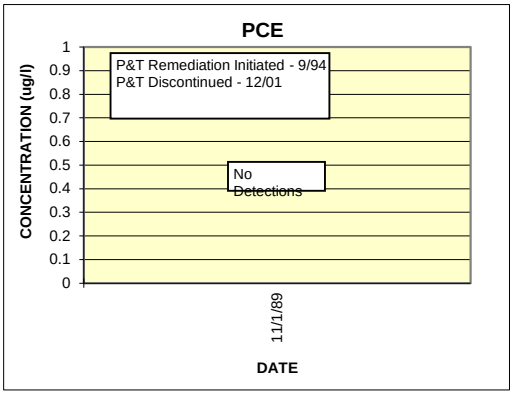
MW-33



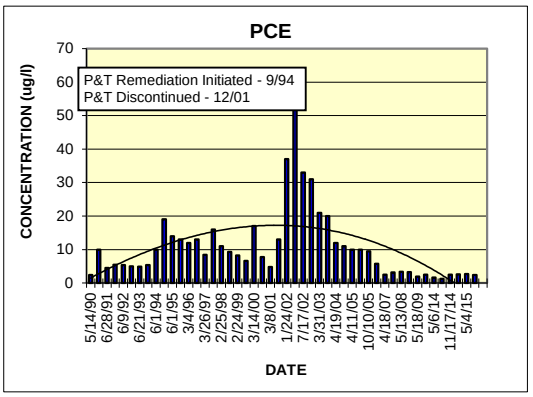
MW-34



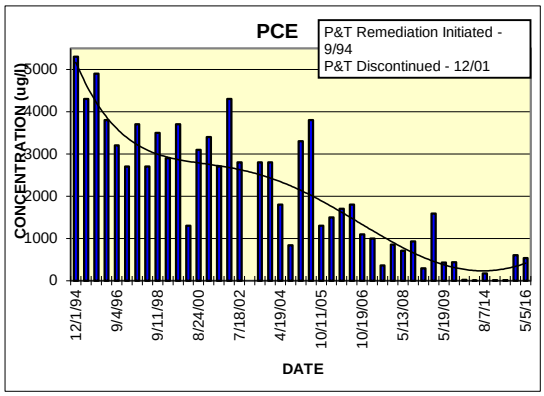
PW-1



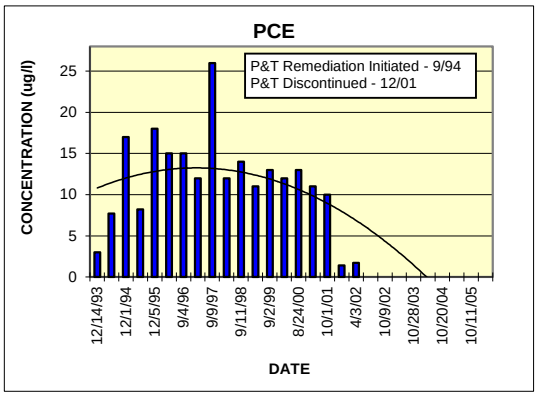
PW-2



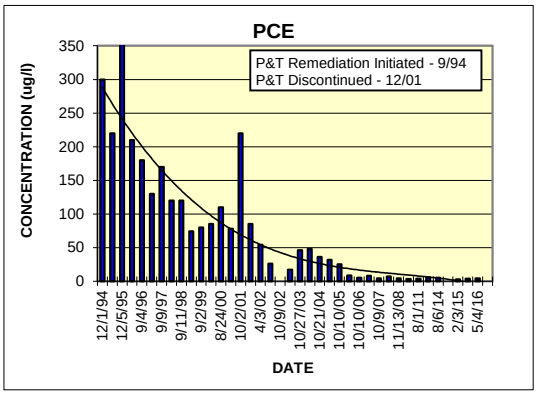
RW-1



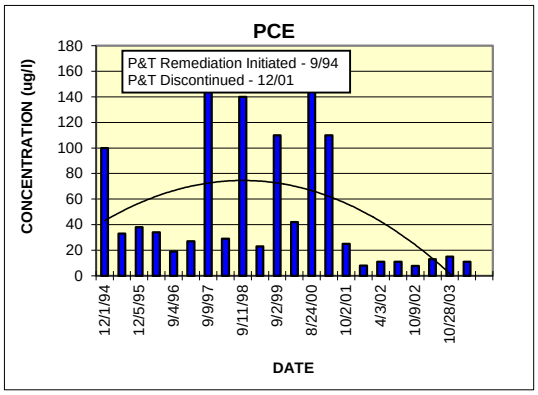
RW-2



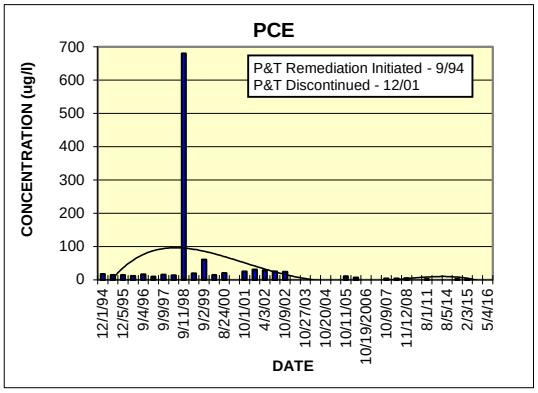
RW-3



RW-4



RW-5



Appendix B
Laboratory Analytical Reports

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

May 13, 2016

Mr. Rob Laumann
ERM
15720 Brixham Hill Ave
Charlotte, NC 28277

RE: Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Dear Mr. Laumann:
Enclosed are the analytical results for sample(s) received by the laboratory on May 05, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Taylor Ezell
taylor.ezell@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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Huntersville, NC 28078
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SAMPLE SUMMARY

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92296727001	**DUP-1**	Water	05/04/16 00:00	05/05/16 16:55
92296727002	**MW-11**	Water	05/03/16 14:45	05/05/16 16:55
92296727003	**MW-17**	Water	05/03/16 16:00	05/05/16 16:55
92296727004	**MW-18**	Water	05/05/16 09:45	05/05/16 16:55
92296727005	**MW-1**	Water	05/05/16 14:45	05/05/16 16:55
92296727006	**MW-24**	Water	05/05/16 10:30	05/05/16 16:55
92296727007	**MW-25**	Water	05/03/16 11:45	05/05/16 16:55
92296727008	**MW-29**	Water	05/04/16 15:30	05/05/16 16:55
92296727009	**MW-32**	Water	05/03/16 10:15	05/05/16 16:55
92296727010	**MW-33**	Water	05/04/16 09:45	05/05/16 16:55
92296727011	**MW-34**	Water	05/02/16 15:30	05/05/16 16:55
92296727012	**MW-6**	Water	05/04/16 10:30	05/05/16 16:55
92296727013	**PW-2**	Water	05/04/16 14:00	05/05/16 16:55
92296727014	**RW-1**	Water	05/05/16 14:00	05/05/16 16:55
92296727015	**RW-3**	Water	05/04/16 12:15	05/05/16 16:55
92296727016	**RW-5**	Water	05/04/16 16:45	05/05/16 16:55
92296727017	**SW-LC-1**	Water	05/04/16 14:15	05/05/16 16:55
92296727018	**TRIP BLANK**	Water	05/02/16 00:00	05/05/16 16:55

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SAMPLE ANALYTE COUNT

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92296727001	**DUP-1**	SM 6200B	CAH	33	PASI-C
92296727002	**MW-11**	SM 6200B	CAH	33	PASI-C
92296727003	**MW-17**	SM 6200B	CAH	33	PASI-C
92296727004	**MW-18**	SM 6200B	CAH	33	PASI-C
92296727005	**MW-1**	SM 6200B	CAH	33	PASI-C
92296727006	**MW-24**	SM 6200B	CAH	33	PASI-C
92296727007	**MW-25**	SM 6200B	CAH	33	PASI-C
92296727008	**MW-29**	SM 6200B	CAH	33	PASI-C
92296727009	**MW-32**	SM 6200B	CAH	33	PASI-C
92296727010	**MW-33**	SM 6200B	CAH	33	PASI-C
92296727011	**MW-34**	SM 6200B	CAH	33	PASI-C
92296727012	**MW-6**	SM 6200B	CAH	33	PASI-C
92296727013	**PW-2**	SM 6200B	CAH	33	PASI-C
92296727014	**RW-1**	SM 6200B	CAH	33	PASI-C
92296727015	**RW-3**	SM 6200B	CAH	33	PASI-C
92296727016	**RW-5**	SM 6200B	CAH	33	PASI-C
92296727017	**SW-LC-1**	SM 6200B	CAH	33	PASI-C
92296727018	**TRIP BLANK**	SM 6200B	CAH	33	PASI-C

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: DUP-1 **Lab ID: 92296727001** Collected: 05/04/16 00:00 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/12/16 22:38	75-34-3	
1,1-Dichloroethene	**2.4**	ug/L	1.0	1		05/12/16 22:38	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/12/16 22:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/12/16 22:38	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/12/16 22:38	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 22:38	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/12/16 22:38	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/12/16 22:38	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 22:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 22:38	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/12/16 22:38	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/12/16 22:38	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/12/16 22:38	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 22:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 22:38	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/12/16 22:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/12/16 22:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/12/16 22:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/12/16 22:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/12/16 22:38	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/12/16 22:38	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/12/16 22:38	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/12/16 22:38	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 22:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 22:38	10061-02-6	
Tetrachloroethene	**55.8**	ug/L	1.0	1		05/12/16 22:38	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/12/16 22:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/12/16 22:38	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/12/16 22:38	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/12/16 22:38	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		05/12/16 22:38	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		05/12/16 22:38	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		05/12/16 22:38	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-11 **Lab ID: 92296727002** Collected: 05/03/16 14:45 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/12/16 22:55	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/12/16 22:55	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/12/16 22:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/12/16 22:55	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/12/16 22:55	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 22:55	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/12/16 22:55	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/12/16 22:55	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 22:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 22:55	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/12/16 22:55	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/12/16 22:55	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/12/16 22:55	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 22:55	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 22:55	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/12/16 22:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/12/16 22:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/12/16 22:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/12/16 22:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/12/16 22:55	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/12/16 22:55	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/12/16 22:55	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/12/16 22:55	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 22:55	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 22:55	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/12/16 22:55	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/12/16 22:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/12/16 22:55	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/12/16 22:55	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/12/16 22:55	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		05/12/16 22:55	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		05/12/16 22:55	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/12/16 22:55	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-17 **Lab ID: 92296727003** Collected: 05/03/16 16:00 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/12/16 23:13	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:13	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/12/16 23:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/12/16 23:13	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/12/16 23:13	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:13	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/12/16 23:13	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/12/16 23:13	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:13	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/12/16 23:13	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/12/16 23:13	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/12/16 23:13	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:13	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 23:13	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/12/16 23:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/12/16 23:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/12/16 23:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/12/16 23:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/12/16 23:13	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/12/16 23:13	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/12/16 23:13	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/12/16 23:13	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 23:13	10061-02-6	
Tetrachloroethene	**2.3**	ug/L	1.0	1		05/12/16 23:13	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/12/16 23:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/12/16 23:13	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/12/16 23:13	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/12/16 23:13	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		05/12/16 23:13	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		05/12/16 23:13	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/12/16 23:13	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-18 **Lab ID: 92296727004** Collected: 05/05/16 09:45 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/12/16 23:30	75-34-3	
1,1-Dichloroethene	**8.0**	ug/L	1.0	1		05/12/16 23:30	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/12/16 23:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/12/16 23:30	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/12/16 23:30	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:30	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/12/16 23:30	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/12/16 23:30	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:30	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/12/16 23:30	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/12/16 23:30	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/12/16 23:30	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:30	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 23:30	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/12/16 23:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/12/16 23:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/12/16 23:30	75-00-3	
Chloroform	**1.9**	ug/L	1.0	1		05/12/16 23:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/12/16 23:30	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/12/16 23:30	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/12/16 23:30	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/12/16 23:30	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:30	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 23:30	10061-02-6	
Tetrachloroethene	**23.2**	ug/L	1.0	1		05/12/16 23:30	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/12/16 23:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/12/16 23:30	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/12/16 23:30	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/12/16 23:30	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		05/12/16 23:30	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		05/12/16 23:30	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		05/12/16 23:30	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-1 **Lab ID: 92296727005** Collected: 05/05/16 14:45 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/12/16 23:47	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:47	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/12/16 23:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/12/16 23:47	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/12/16 23:47	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:47	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/12/16 23:47	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/12/16 23:47	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/12/16 23:47	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/12/16 23:47	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/12/16 23:47	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/12/16 23:47	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:47	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 23:47	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/12/16 23:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/12/16 23:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/12/16 23:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/12/16 23:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/12/16 23:47	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/12/16 23:47	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/12/16 23:47	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/12/16 23:47	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/12/16 23:47	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/12/16 23:47	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/12/16 23:47	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/12/16 23:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/12/16 23:47	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/12/16 23:47	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/12/16 23:47	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		05/12/16 23:47	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		05/12/16 23:47	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		05/12/16 23:47	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-24 **Lab ID: 92296727006** Collected: 05/05/16 10:30 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 00:04	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 00:04	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 00:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 00:04	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 00:04	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 00:04	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 00:04	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 00:04	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 00:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 00:04	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 00:04	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 00:04	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 00:04	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 00:04	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 00:04	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 00:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 00:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 00:04	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 00:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 00:04	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 00:04	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 00:04	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 00:04	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 00:04	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 00:04	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 00:04	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 00:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 00:04	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 00:04	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 00:04	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		05/13/16 00:04	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		05/13/16 00:04	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/13/16 00:04	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-25 **Lab ID: 92296727007** Collected: 05/03/16 11:45 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 00:21	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 00:21	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 00:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 00:21	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 00:21	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 00:21	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 00:21	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 00:21	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 00:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 00:21	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 00:21	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 00:21	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 00:21	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 00:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 00:21	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 00:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 00:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 00:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 00:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 00:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 00:21	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 00:21	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 00:21	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 00:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 00:21	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 00:21	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 00:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 00:21	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 00:21	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 00:21	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		05/13/16 00:21	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		05/13/16 00:21	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		05/13/16 00:21	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-29 **Lab ID: 92296727008** Collected: 05/04/16 15:30 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 03:29	75-34-3	
1,1-Dichloroethene	**1.1**	ug/L	1.0	1		05/13/16 03:29	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 03:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 03:29	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 03:29	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 03:29	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 03:29	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 03:29	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 03:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 03:29	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 03:29	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 03:29	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 03:29	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 03:29	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 03:29	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 03:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 03:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 03:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 03:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 03:29	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 03:29	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 03:29	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 03:29	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 03:29	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 03:29	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 03:29	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 03:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 03:29	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 03:29	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 03:29	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		05/13/16 03:29	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		05/13/16 03:29	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/13/16 03:29	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-32 **Lab ID: 92296727009** Collected: 05/03/16 10:15 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 03:47	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 03:47	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 03:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 03:47	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 03:47	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 03:47	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 03:47	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 03:47	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 03:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 03:47	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 03:47	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 03:47	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 03:47	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 03:47	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 03:47	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 03:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 03:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 03:47	75-00-3	
Chloroform	**1.8**	ug/L	1.0	1		05/13/16 03:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 03:47	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 03:47	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 03:47	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 03:47	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 03:47	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 03:47	10061-02-6	
Tetrachloroethene	**21.8**	ug/L	1.0	1		05/13/16 03:47	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 03:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 03:47	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 03:47	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 03:47	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		05/13/16 03:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		05/13/16 03:47	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/13/16 03:47	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-33 **Lab ID: 92296727010** Collected: 05/04/16 09:45 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:04	75-34-3	
1,1-Dichloroethene	**2.8**	ug/L	1.0	1		05/13/16 04:04	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:04	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 04:04	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:04	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:04	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 04:04	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:04	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 04:04	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 04:04	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 04:04	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:04	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:04	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 04:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 04:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 04:04	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 04:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 04:04	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 04:04	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 04:04	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 04:04	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:04	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:04	10061-02-6	
Tetrachloroethene	**53.3**	ug/L	1.0	1		05/13/16 04:04	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 04:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 04:04	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 04:04	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 04:04	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		05/13/16 04:04	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		05/13/16 04:04	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		05/13/16 04:04	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-34 **Lab ID: 92296727011** Collected: 05/02/16 15:30 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:21	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:21	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:21	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 04:21	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:21	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:21	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 04:21	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:21	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 04:21	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 04:21	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 04:21	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:21	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 04:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 04:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 04:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 04:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 04:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 04:21	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 04:21	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 04:21	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:21	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 04:21	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 04:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 04:21	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 04:21	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 04:21	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		05/13/16 04:21	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		05/13/16 04:21	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/13/16 04:21	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: MW-6 **Lab ID: 92296727012** Collected: 05/04/16 10:30 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:38	75-34-3	
1,1-Dichloroethene	**3.3**	ug/L	1.0	1		05/13/16 04:38	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:38	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 04:38	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:38	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:38	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 04:38	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:38	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 04:38	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 04:38	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 04:38	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:38	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:38	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 04:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 04:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 04:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 04:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 04:38	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 04:38	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 04:38	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 04:38	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:38	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:38	10061-02-6	
Tetrachloroethene	**10.3**	ug/L	1.0	1		05/13/16 04:38	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 04:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 04:38	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 04:38	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 04:38	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		05/13/16 04:38	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		05/13/16 04:38	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		05/13/16 04:38	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: PW-2 **Lab ID: 92296727013** Collected: 05/04/16 14:00 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:55	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:55	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 04:55	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 04:55	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:55	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 04:55	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 04:55	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 04:55	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 04:55	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 04:55	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 04:55	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:55	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:55	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 04:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 04:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 04:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 04:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 04:55	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 04:55	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 04:55	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 04:55	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 04:55	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 04:55	10061-02-6	
Tetrachloroethene	**2.4**	ug/L	1.0	1		05/13/16 04:55	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 04:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 04:55	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 04:55	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 04:55	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		05/13/16 04:55	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		05/13/16 04:55	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		05/13/16 04:55	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: RW-1 **Lab ID: 92296727014** Collected: 05/05/16 14:00 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	4.0	4		05/13/16 06:21	75-34-3	
1,1-Dichloroethene	ND	ug/L	4.0	4		05/13/16 06:21	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	4.0	4		05/13/16 06:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	4.0	4		05/13/16 06:21	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	4		05/13/16 06:21	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	4.0	4		05/13/16 06:21	95-50-1	
1,2-Dichloroethane	ND	ug/L	4.0	4		05/13/16 06:21	107-06-2	
1,2-Dichloropropane	ND	ug/L	4.0	4		05/13/16 06:21	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	4.0	4		05/13/16 06:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	4.0	4		05/13/16 06:21	106-46-7	
Bromodichloromethane	ND	ug/L	4.0	4		05/13/16 06:21	75-27-4	
Bromomethane	ND	ug/L	20.0	4		05/13/16 06:21	74-83-9	
Bromoform	ND	ug/L	4.0	4		05/13/16 06:21	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	4.0	4		05/13/16 06:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	4.0	4		05/13/16 06:21	10061-01-5	
Carbon tetrachloride	ND	ug/L	4.0	4		05/13/16 06:21	56-23-5	
Chlorobenzene	ND	ug/L	4.0	4		05/13/16 06:21	108-90-7	
Chloroethane	ND	ug/L	4.0	4		05/13/16 06:21	75-00-3	
Chloroform	ND	ug/L	4.0	4		05/13/16 06:21	67-66-3	
Chloromethane	ND	ug/L	4.0	4		05/13/16 06:21	74-87-3	
Dibromochloromethane	ND	ug/L	4.0	4		05/13/16 06:21	124-48-1	
Dichlorodifluoromethane	ND	ug/L	4.0	4		05/13/16 06:21	75-71-8	
Methylene Chloride	**16.5**	ug/L	8.0	4		05/13/16 06:21	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	4.0	4		05/13/16 06:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	4		05/13/16 06:21	10061-02-6	
Tetrachloroethene	**535**	ug/L	4.0	4		05/13/16 06:21	127-18-4	
Trichloroethene	ND	ug/L	4.0	4		05/13/16 06:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	4.0	4		05/13/16 06:21	75-69-4	
Vinyl chloride	ND	ug/L	4.0	4		05/13/16 06:21	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	4.0	4		05/13/16 06:21	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	4		05/13/16 06:21	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	4		05/13/16 06:21	17060-07-0	
Toluene-d8 (S)	98	%	70-130	4		05/13/16 06:21	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: RW-3 **Lab ID: 92296727015** Collected: 05/04/16 12:15 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 05:12	75-34-3	
1,1-Dichloroethene	**1.1**	ug/L	1.0	1		05/13/16 05:12	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 05:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 05:12	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 05:12	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:12	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 05:12	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 05:12	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:12	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 05:12	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 05:12	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 05:12	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:12	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 05:12	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 05:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 05:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 05:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 05:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 05:12	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 05:12	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 05:12	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 05:12	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:12	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 05:12	10061-02-6	
Tetrachloroethene	**4.2**	ug/L	1.0	1		05/13/16 05:12	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 05:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 05:12	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 05:12	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 05:12	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		05/13/16 05:12	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		05/13/16 05:12	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		05/13/16 05:12	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: RW-5 **Lab ID: 92296727016** Collected: 05/04/16 16:45 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 05:30	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:30	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 05:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 05:30	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 05:30	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:30	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 05:30	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 05:30	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:30	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 05:30	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 05:30	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 05:30	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:30	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 05:30	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 05:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 05:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 05:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 05:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 05:30	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 05:30	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 05:30	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 05:30	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:30	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 05:30	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 05:30	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 05:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 05:30	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 05:30	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 05:30	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		05/13/16 05:30	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		05/13/16 05:30	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		05/13/16 05:30	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: SW-LC-1 **Lab ID: 92296727017** Collected: 05/04/16 14:15 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 05:47	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:47	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 05:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 05:47	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 05:47	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:47	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 05:47	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 05:47	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 05:47	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 05:47	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 05:47	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 05:47	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:47	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 05:47	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 05:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 05:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 05:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 05:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 05:47	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 05:47	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 05:47	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 05:47	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 05:47	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 05:47	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 05:47	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 05:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 05:47	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 05:47	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 05:47	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		05/13/16 05:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		05/13/16 05:47	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		05/13/16 05:47	2037-26-5	

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ANALYTICAL RESULTS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Sample: TRIP BLANK **Lab ID: 92296727018** Collected: 05/02/16 00:00 Received: 05/05/16 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
601 Volatiles by SM 6200	Analytical Method: SM 6200B							
1,1-Dichloroethane	ND	ug/L	1.0	1		05/13/16 06:04	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		05/13/16 06:04	75-35-4	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		05/13/16 06:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		05/13/16 06:04	79-00-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		05/13/16 06:04	79-34-5	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 06:04	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/13/16 06:04	107-06-2	
1,2-Dichloropropane	ND	ug/L	1.0	1		05/13/16 06:04	78-87-5	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 06:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		05/13/16 06:04	106-46-7	
Bromodichloromethane	ND	ug/L	1.0	1		05/13/16 06:04	75-27-4	
Bromomethane	ND	ug/L	5.0	1		05/13/16 06:04	74-83-9	
Bromoform	ND	ug/L	1.0	1		05/13/16 06:04	75-25-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 06:04	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 06:04	10061-01-5	
Carbon tetrachloride	ND	ug/L	1.0	1		05/13/16 06:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		05/13/16 06:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		05/13/16 06:04	75-00-3	
Chloroform	ND	ug/L	1.0	1		05/13/16 06:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		05/13/16 06:04	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		05/13/16 06:04	124-48-1	
Dichlorodifluoromethane	ND	ug/L	1.0	1		05/13/16 06:04	75-71-8	
Methylene Chloride	ND	ug/L	2.0	1		05/13/16 06:04	75-09-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		05/13/16 06:04	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		05/13/16 06:04	10061-02-6	
Tetrachloroethene	ND	ug/L	1.0	1		05/13/16 06:04	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		05/13/16 06:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		05/13/16 06:04	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		05/13/16 06:04	75-01-4	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/13/16 06:04	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		05/13/16 06:04	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		05/13/16 06:04	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		05/13/16 06:04	2037-26-5	

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QUALITY CONTROL DATA

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

QC Batch: MSV/36795 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 601 by 6200B
Associated Lab Samples: 92296727001, 92296727002, 92296727003, 92296727004, 92296727005, 92296727006, 92296727007

METHOD BLANK: 1732730 Matrix: Water
Associated Lab Samples: 92296727001, 92296727002, 92296727003, 92296727004, 92296727005, 92296727006, 92296727007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	05/12/16 17:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/12/16 17:30	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/12/16 17:30	
1,1-Dichloroethane	ug/L	ND	1.0	05/12/16 17:30	
1,1-Dichloroethene	ug/L	ND	1.0	05/12/16 17:30	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/12/16 17:30	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/12/16 17:30	
1,2-Dichloroethane	ug/L	ND	1.0	05/12/16 17:30	
1,2-Dichloropropane	ug/L	ND	1.0	05/12/16 17:30	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/12/16 17:30	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/12/16 17:30	
Bromodichloromethane	ug/L	ND	1.0	05/12/16 17:30	
Bromoform	ug/L	ND	1.0	05/12/16 17:30	
Bromomethane	ug/L	ND	5.0	05/12/16 17:30	
Carbon tetrachloride	ug/L	ND	1.0	05/12/16 17:30	
Chlorobenzene	ug/L	ND	1.0	05/12/16 17:30	
Chloroethane	ug/L	ND	1.0	05/12/16 17:30	
Chloroform	ug/L	ND	1.0	05/12/16 17:30	
Chloromethane	ug/L	ND	1.0	05/12/16 17:30	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/12/16 17:30	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/12/16 17:30	
Dibromochloromethane	ug/L	ND	1.0	05/12/16 17:30	
Dichlorodifluoromethane	ug/L	ND	1.0	05/12/16 17:30	
Methylene Chloride	ug/L	ND	2.0	05/12/16 17:30	
Tetrachloroethene	ug/L	ND	1.0	05/12/16 17:30	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/12/16 17:30	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/12/16 17:30	
Trichloroethene	ug/L	ND	1.0	05/12/16 17:30	
Trichlorofluoromethane	ug/L	ND	1.0	05/12/16 17:30	
Vinyl chloride	ug/L	ND	1.0	05/12/16 17:30	
1,2-Dichloroethane-d4 (S)	%	100	70-130	05/12/16 17:30	
4-Bromofluorobenzene (S)	%	96	70-130	05/12/16 17:30	
Toluene-d8 (S)	%	100	70-130	05/12/16 17:30	

LABORATORY CONTROL SAMPLE: 1732731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.3	111	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	54.7	109	60-140	
1,1,2-Trichloroethane	ug/L	50	53.9	108	60-140	

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QUALITY CONTROL DATA

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

LABORATORY CONTROL SAMPLE: 1732731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethane	ug/L	50	54.7	109	60-140	
1,1-Dichloroethene	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.8	114	60-140	
1,2-Dichlorobenzene	ug/L	50	52.5	105	60-140	
1,2-Dichloroethane	ug/L	50	48.6	97	60-140	
1,2-Dichloropropane	ug/L	50	55.6	111	60-140	
1,3-Dichlorobenzene	ug/L	50	54.4	109	60-140	
1,4-Dichlorobenzene	ug/L	50	53.2	106	60-140	
Bromodichloromethane	ug/L	50	54.6	109	60-140	
Bromoform	ug/L	50	57.7	115	60-140	
Bromomethane	ug/L	50	42.6	85	60-140	
Carbon tetrachloride	ug/L	50	54.6	109	60-140	
Chlorobenzene	ug/L	50	54.1	108	60-140	
Chloroethane	ug/L	50	50.9	102	60-140	
Chloroform	ug/L	50	53.4	107	60-140	
Chloromethane	ug/L	50	36.5	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	54.9	110	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	60-140	
Dibromochloromethane	ug/L	50	58.9	118	60-140	
Dichlorodifluoromethane	ug/L	50	42.1	84	60-140	
Methylene Chloride	ug/L	50	55.6	111	60-140	
Tetrachloroethene	ug/L	50	52.1	104	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.9	108	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	51.0	102	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1732732 1732733

Parameter	Units	92296736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	24.7	26.0	124	130	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.9	20.5	110	102	60-140	7	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	110	110	60-140	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.5	25.7	122	129	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.8	27.3	129	136	60-140	6	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.8	22.2	114	111	60-140	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.2	21.7	105	108	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	24.3	24.4	122	122	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	112	113	60-140	1	30	

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QUALITY CONTROL DATA

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1732732 1732733

Parameter	Units	92296736001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	20	20	21.5	22.2	107	110	60-140	3	30	
Bromodichloromethane	ug/L	ND	20	20	22.9	23.4	114	117	60-140	2	30	
Bromoform	ug/L	ND	20	20	22.2	20.5	111	103	60-140	8	30	
Bromomethane	ug/L	ND	20	20	17.6	22.2	88	111	60-140	23	30	
Carbon tetrachloride	ug/L	ND	20	20	24.1	25.7	121	128	60-140	6	30	
Chlorobenzene	ug/L	ND	20	20	22.7	23.6	114	118	60-140	4	30	
Chloroethane	ug/L	ND	20	20	25.1	25.5	125	128	60-140	2	30	
Chloroform	ug/L	ND	20	20	23.9	24.8	118	122	60-140	4	30	
Chloromethane	ug/L	ND	20	20	19.6	22.0	98	110	60-140	12	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.8	25.0	119	125	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.3	22.7	112	113	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	22.7	22.9	114	114	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	27.1	28.5	136	142	60-140	5	30	M1
Methylene Chloride	ug/L	ND	20	20	24.6	25.2	123	126	60-140	2	30	
Tetrachloroethene	ug/L	ND	20	20	22.4	22.7	112	114	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.2	25.9	121	129	60-140	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.0	107	110	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.0	23.9	112	116	60-140	4	30	
Trichlorofluoromethane	ug/L	ND	20	20	25.2	26.6	126	133	60-140	6	30	
Vinyl chloride	ug/L	ND	20	20	25.4	26.8	127	134	60-140	5	30	
1,2-Dichloroethane-d4 (S)	%						105	103	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						99	101	70-130			

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QUALITY CONTROL DATA

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

QC Batch: MSV/36796 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 601 by 6200B
Associated Lab Samples: 92296727008, 92296727009, 92296727010, 92296727011, 92296727012, 92296727013, 92296727014, 92296727015, 92296727016, 92296727017, 92296727018

METHOD BLANK: 1732736 Matrix: Water
Associated Lab Samples: 92296727008, 92296727009, 92296727010, 92296727011, 92296727012, 92296727013, 92296727014, 92296727015, 92296727016, 92296727017, 92296727018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	05/13/16 02:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	05/13/16 02:21	
1,1,2-Trichloroethane	ug/L	ND	1.0	05/13/16 02:21	
1,1-Dichloroethane	ug/L	ND	1.0	05/13/16 02:21	
1,1-Dichloroethene	ug/L	ND	1.0	05/13/16 02:21	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/13/16 02:21	
1,2-Dichlorobenzene	ug/L	ND	1.0	05/13/16 02:21	
1,2-Dichloroethane	ug/L	ND	1.0	05/13/16 02:21	
1,2-Dichloropropane	ug/L	ND	1.0	05/13/16 02:21	
1,3-Dichlorobenzene	ug/L	ND	1.0	05/13/16 02:21	
1,4-Dichlorobenzene	ug/L	ND	1.0	05/13/16 02:21	
Bromodichloromethane	ug/L	ND	1.0	05/13/16 02:21	
Bromoform	ug/L	ND	1.0	05/13/16 02:21	
Bromomethane	ug/L	ND	5.0	05/13/16 02:21	
Carbon tetrachloride	ug/L	ND	1.0	05/13/16 02:21	
Chlorobenzene	ug/L	ND	1.0	05/13/16 02:21	
Chloroethane	ug/L	ND	1.0	05/13/16 02:21	
Chloroform	ug/L	ND	1.0	05/13/16 02:21	
Chloromethane	ug/L	ND	1.0	05/13/16 02:21	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/13/16 02:21	
cis-1,3-Dichloropropene	ug/L	ND	1.0	05/13/16 02:21	
Dibromochloromethane	ug/L	ND	1.0	05/13/16 02:21	
Dichlorodifluoromethane	ug/L	ND	1.0	05/13/16 02:21	
Methylene Chloride	ug/L	ND	2.0	05/13/16 02:21	
Tetrachloroethene	ug/L	ND	1.0	05/13/16 02:21	
trans-1,2-Dichloroethene	ug/L	ND	1.0	05/13/16 02:21	
trans-1,3-Dichloropropene	ug/L	ND	1.0	05/13/16 02:21	
Trichloroethene	ug/L	ND	1.0	05/13/16 02:21	
Trichlorofluoromethane	ug/L	ND	1.0	05/13/16 02:21	
Vinyl chloride	ug/L	ND	1.0	05/13/16 02:21	
1,2-Dichloroethane-d4 (S)	%	105	70-130	05/13/16 02:21	
4-Bromofluorobenzene (S)	%	95	70-130	05/13/16 02:21	
Toluene-d8 (S)	%	99	70-130	05/13/16 02:21	

LABORATORY CONTROL SAMPLE: 1732737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

LABORATORY CONTROL SAMPLE: 1732737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	48.2	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	60-140	
1,2-Dichlorobenzene	ug/L	50	45.6	91	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	50.1	100	60-140	
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,4-Dichlorobenzene	ug/L	50	45.4	91	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	51.1	102	60-140	
Bromomethane	ug/L	50	35.5	71	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	47.9	96	60-140	
Chloroethane	ug/L	50	45.4	91	60-140	
Chloroform	ug/L	50	48.2	96	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	60-140	
Dibromochloromethane	ug/L	50	51.6	103	60-140	
Dichlorodifluoromethane	ug/L	50	37.0	74	60-140	
Methylene Chloride	ug/L	50	52.3	105	60-140	
Tetrachloroethene	ug/L	50	44.5	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.0	96	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.4	95	60-140	
Trichloroethene	ug/L	50	44.9	90	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	44.0	88	60-140	
1,2-Dichloroethane-d4 (S)	%			108	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1732738 1732739

Parameter	Units	92296727008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	25.1	24.2	126	121	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	22.1	106	110	60-140	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.3	24.4	122	122	60-140	0	30	
1,1-Dichloroethene	ug/L	1.1	20	20	27.0	27.0	129	129	60-140	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.2	21.9	111	110	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	20.6	102	103	60-140	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.5	21.7	106	107	60-140	1	30	

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QUALITY CONTROL DATA

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1732738 1732739

Parameter	Units	92296727008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	ND	20	20	23.1	23.2	116	116	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	22.2	22.8	111	114	60-140	3	30	
Bromoform	ug/L	ND	20	20	21.0	20.2	105	101	60-140	4	30	
Bromomethane	ug/L	ND	20	20	19.0	19.0	95	95	60-140	0	30	
Carbon tetrachloride	ug/L	ND	20	20	24.2	24.7	119	121	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.7	22.0	108	110	60-140	2	30	
Chloroethane	ug/L	ND	20	20	23.9	22.0	120	110	60-140	8	30	
Chloroform	ug/L	ND	20	20	23.6	23.2	117	115	60-140	2	30	
Chloromethane	ug/L	ND	20	20	20.8	19.5	104	97	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.1	23.3	121	117	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.9	21.2	104	106	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	22.3	21.9	112	109	60-140	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	27.1	27.2	135	136	60-140	0	30	
Methylene Chloride	ug/L	ND	20	20	24.7	23.1	124	116	60-140	7	30	
Tetrachloroethene	ug/L	ND	20	20	22.5	22.3	109	107	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.1	24.1	121	121	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	30	
Trichloroethene	ug/L	ND	20	20	21.2	21.6	105	107	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	25.3	24.8	126	124	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.3	24.4	126	122	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						110	110	70-130			
4-Bromofluorobenzene (S)	%						99	98	70-130			
Toluene-d8 (S)	%						99	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether, Styrene, and Vinyl chloride.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SYNGENTA-GREENSBORO
Pace Project No.: 92296727

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92296727001	**DUP-1**	SM 6200B	MSV/36795		
92296727002	**MW-11**	SM 6200B	MSV/36795		
92296727003	**MW-17**	SM 6200B	MSV/36795		
92296727004	**MW-18**	SM 6200B	MSV/36795		
92296727005	**MW-1**	SM 6200B	MSV/36795		
92296727006	**MW-24**	SM 6200B	MSV/36795		
92296727007	**MW-25**	SM 6200B	MSV/36795		
92296727008	**MW-29**	SM 6200B	MSV/36796		
92296727009	**MW-32**	SM 6200B	MSV/36796		
92296727010	**MW-33**	SM 6200B	MSV/36796		
92296727011	**MW-34**	SM 6200B	MSV/36796		
92296727012	**MW-6**	SM 6200B	MSV/36796		
92296727013	**PW-2**	SM 6200B	MSV/36796		
92296727014	**RW-1**	SM 6200B	MSV/36796		
92296727015	**RW-3**	SM 6200B	MSV/36796		
92296727016	**RW-5**	SM 6200B	MSV/36796		
92296727017	**SW-LC-1**	SM 6200B	MSV/36796		
92296727018	**TRIP BLANK**	SM 6200B	MSV/36796		

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Pace Analytical®	Document Name: **Sample Condition Upon Receipt(SCUR)**	Document Revised: 18FEB2016 Page 1 of 2
	Document No.: **F-CHR-CS-003-rev.18**	Issuing Authority: Pace Huntersville Quality Office

Sample Condition Upon Receipt

Client Name: ERM

Project # **WO# : 92296727**

92296727

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☐ No

Date/Initials Person Examining Contents: TH 5-6-16

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other:____

Thermometer: ☑ T1505 ☐ ____ **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☑ Samples on ice, cooling process has begun

Correction Factor: 0.0°C **Cooler Temp Corrected (°C):** 4.6 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				COMMENTS:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	12.
-Includes Date/Time/ID/Analysis Matrix: WT				
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC,LLHg	☑ Yes	☐ No	☐ N/A	
Samples checked for dechlorination	☐ Yes	☐ No	☑ N/A	14.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☐ N/A	15.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	16.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):____				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: ____ Date/Time: ____

Comments/Resolution: ____

Project Manager SCURF Review: ____ **Date:** 5/9

Project Manager SRF Review: ____ **Date:** 5/9

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 2

Section A
Required Client Information:

Company: ERM
Address: 15720 John J Delaney Drive
Suite 120, Charlotte, NC 28277
Email: ROBERT.LAUMANN@ERM.com
Phone: Fax
Requested Due Date:

Section B
Required Project Information:

Report To: Robert Laumann
Copy To:
Purchase Order #:
Project Name: Syngenta-Greensboro
Project #: 0347 349

Section C
Invoice Information:

Attention: SAME
Company Name:
Address:
Pace Quote:
Pace Project Manager: taylor.ezell@pacelabs.com,
Pace Profile #: 3549-12

Regulatory Agency:
State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION °C	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	601 Volatiles by SM 6200	Trip BLANK	Residual Chlorine (Y/N)	92296727
1	DUP-1	WT		5/4/16					4				4									001
2	MW-11	WT		5/3/16	1445			22											X			002
3	MW-17	WT		5/3/16	1600			19											X			003
4	MW-18	WT		5/5/16	0945			17											X			004
5	MW-1	WT		5/5/16	1445			18											X			005
6	MW-24	WT		5/5/16	1030			18											X			006
7	MW-25	WT		5/3/16	1145			16											X			007
8	MW-29	WT		5/4/16	1530			15											X			008
9	MW-32	WT		5/3/16	1015														X			009
10	MW-33	WT		5/4/16	0945			17											X			010
11	MW-34	WT		5/2/16	1530			17											X			011
12	MW-6	WT		5/4/16	1030			17											X			012

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Tom Naumann / ERM	5/5/16	1655	[illegible]	5/5/16	1655				
	[illegible]			[illegible]	5.6.16	0859				
	[illegible]	5.6.16	1305	[illegible] pace HW	5.6.16	1305	4.6	4.6	N	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Naumann

SIGNATURE of SAMPLER: [signature]

DATE Signed: 5/5/16

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 2 Of 2

Section A
Required Client Information:

Company:	ERM
Address:	15720 John J Delaney Drive
	Suite 120, Charlotte, NC 28277
Email:	ROBERT.LAUMANN@ERM.com
Phone:	Fax
Requested Due Date:	

Section B
Required Project Information:

Report To:	Robert Laumann
Copy To:	
Purchase Order #:	
Project Name:	Syngenta-Greensboro
Project #:	0347349

Section C
Invoice Information:

Attention:	SAME
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	taylor.ezell@pacelabs.com,
Pace Profile #:	3549-12

Regulatory Agency	
State / Location	NC

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION °C	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test	601 Volatiles by SM 6200	Trip BLANK	Residual Chlorine (Y/N)	92296727
13	PW-2	WT		5/4/16	1400			16		4			4						X			013
14	RW-1	WT		5/5/16	1400			18											X			014
15	RW-3	WT		5/4/16	1215			20											X			015
16	RW-5	WT		5/4/16	1645			17											X			016
17	SW-LC-1	WT		5/4/16	1415			18											X			017
18	Trip Blank	WT								2			2							X		018
19																						
20																						
21																						
22																						
23																						
24																						

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Tom Naumann / ERM	5/5/16	1655	[illegible]	5/5/16	1655				
				[illegible] PACE	5-6-16	0859				
	[illegible] PACE	5-6-16	1305	[illegible] Holder pace MT	5-6-16	1305	4.6	T	N	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Naumann

SIGNATURE of SAMPLER: [signature]

DATE Signed: 5/5/16