

**CITRUS COUNTY CENTRAL LANDFILL
COMPLIANCE MONITORING REPORT
FIRST SEMIANNUAL 2017**

FDEP Permit No. 21375-018-SO/01

WACS Facility ID: 39859

FDEP Due Date: April 9, 2017

Prepared by:

JONES EDMUNDS & ASSOCIATES, INC.

**730 NE Waldo Road
Gainesville, Florida 32641**

Professional Engineering Certificate of Authorization #1841

Professional Geology Certificate of Authorization #133

April 2017



Troy D. Hays, PG
Florida License # 2679



April 6, 2017

Mr. John Morris, PG
Florida Department of Environmental Protection – Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

RE: Citrus County Central Landfill
Compliance Monitoring Report – First Semiannual 2017
Permit No. 21375-025-SO-01
WACS Facility ID: 39859
Jones Edmunds Project No.: 03860-056-01

Dear Mr. Morris,

This report presents data from the First Semiannual 2017 sampling event performed on January 23, 24, and 25, 2017 at the Citrus County Central Landfill. Groundwater elevations used in preparing contour maps (Attachment 1) for this event were recorded on January 23, 2017.

Permit Requirements

This sampling event was conducted under the regulatory authority of Permit Number 21375-025-SO-01 (issued August 15, 2016). All field sampling activities were performed by Jones Edmunds & Associates, Inc. and laboratory analyses were performed by Environmental Conservation Laboratories, Inc. (State of Florida Department of Health Certifications E83182 and E82277).

All active background and compliance wells were sampled and analyzed for the parameters listed in Appendix 3.II.3 of the current permit. Assessments wells MW-18 and MW-19 were sampled and analyzed for the parameters listed in Appendix 3.II.4. In addition, MW-19 was also sampled for Ammonia-Nitrogen and Chloride as outlined in correspondence to FDEP dated October 28, 2016.

Due to historically high Turbidity issues, compliance MW-10 and MW-21 were both sampled and analyzed for Dissolved Metals in addition to Total Metals.

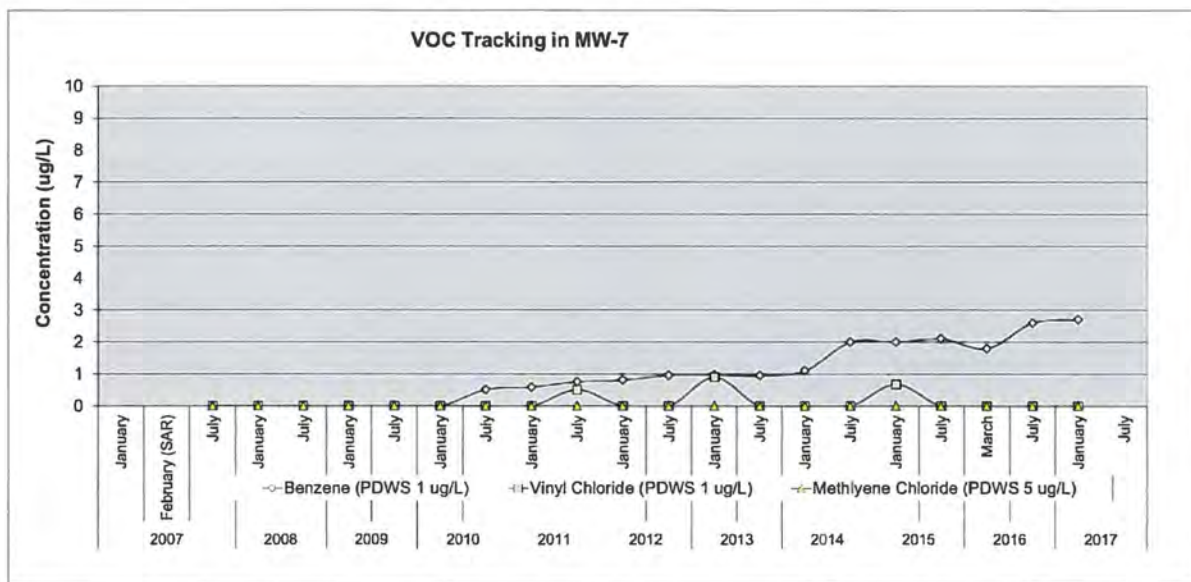
Groundwater Monitoring

Groundwater results were reported at or outside groundwater standards in the background and compliance wells for pH, Nitrate-Nitrogen, Iron, Dissolved Iron, and Benzene. Benzene and Vinyl Chloride were reported above groundwater standards in assessment well MW-19. Attachment 2 presents a summary table of these parameters.

Groundwater results for this sampling event were generally consistent with historical values with the exception of higher than normal Nitrate-Nitrogen and TDS in background well MW-3.

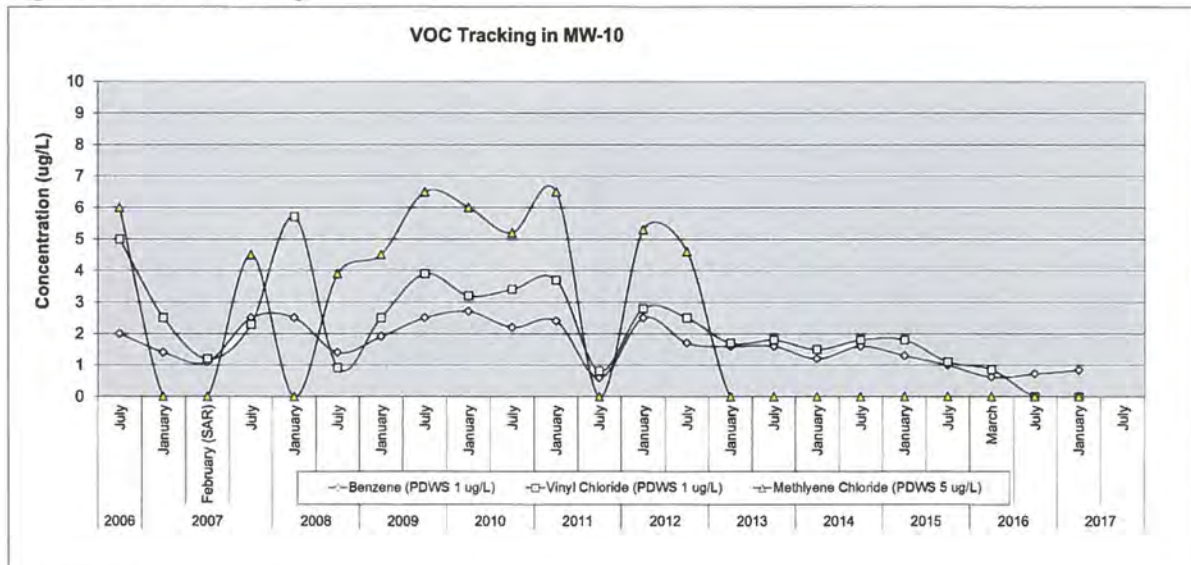
Trend analyses are provided in Attachment 8 for the parameters that are consistently detected above the laboratory detection limit. Additionally, the VOC tracking graphs for MW-7, MW-10, MW-19, and MW-21 were updated and are presented below.

Figure 1: VOC Tracking in MW-7



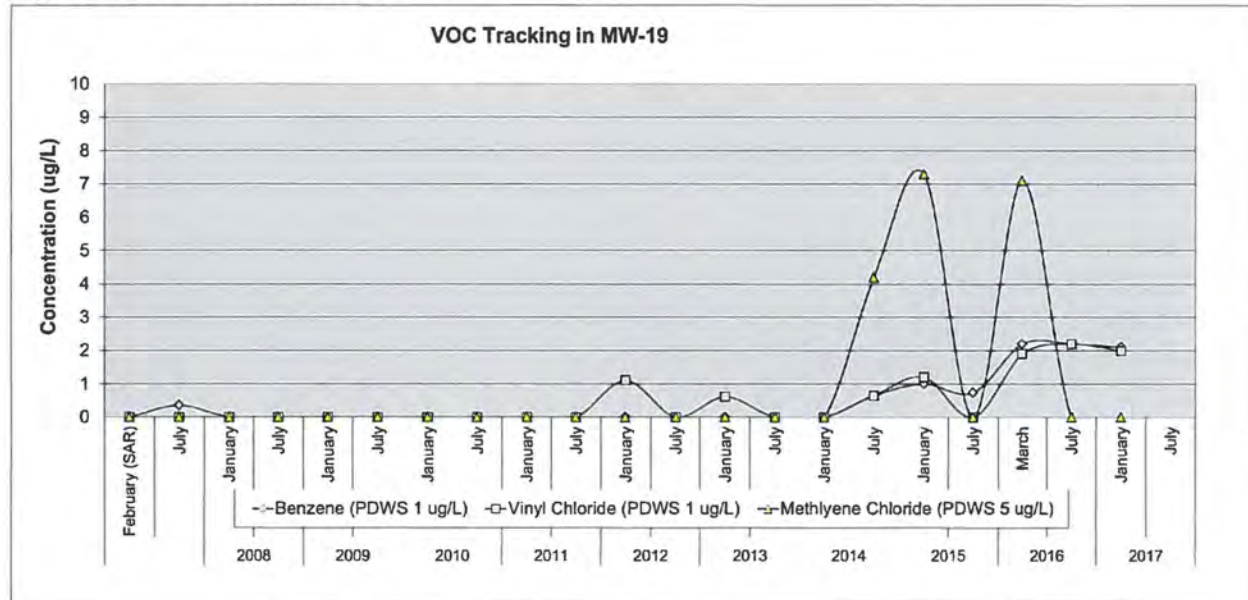
MW-7: Benzene continues to slowly increase in MW-7. Vinyl Chloride and Methylene Chloride have both been below the laboratory detection limit for the past four sampling events.

Figure 2: VOC Tracking in MW-10



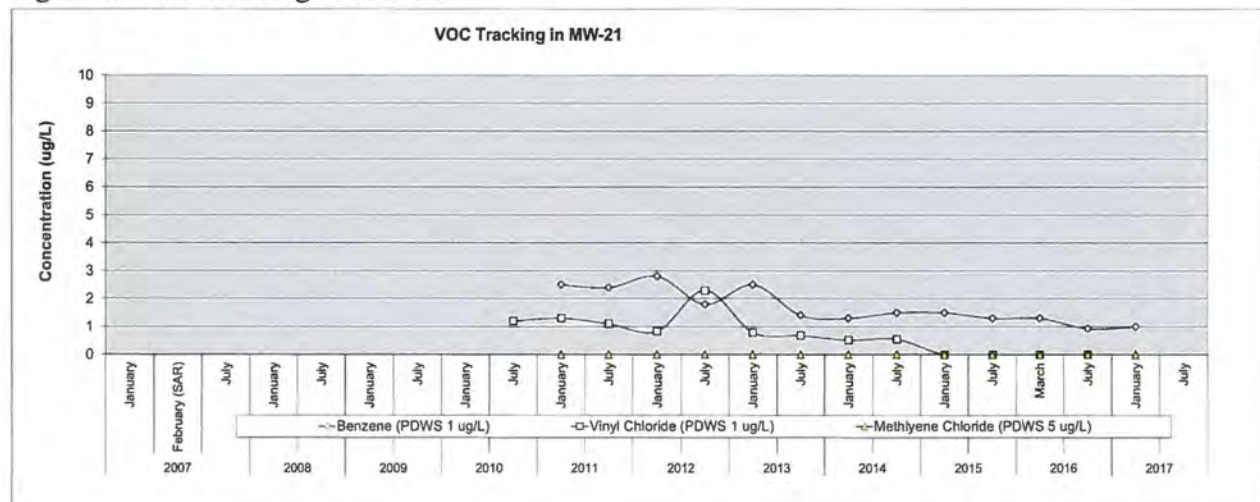
MW-10: The VOCs in MW-10 have all decreased and are below the State Groundwater Protection Standards. Vinyl Chloride has been below the laboratory detection limit for the past two sampling events while Benzene, although below the primary drinking water standard, has been slightly increasing over the past three sampling events.

Figure 3: VOC Tracking in MW-19



MW-19: Benzene and Vinyl Chloride have leveled out over the past three sampling events. Methylene Chloride concentrations have been below the laboratory detection limit for the past two events.

Figure 4: VOC Tracking in MW-21



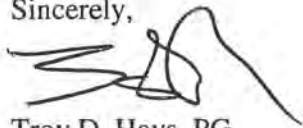
MW-21: Vinyl Chloride and Methylene Chloride are both below the laboratory detection limit in this well. Benzene has been slowly decreasing since 2013 and was at the primary drinking water standard for this sampling event.

Conclusions and Recommendations

FDEP, Citrus County, and Jones Edmunds had a meeting at the Citrus County Central landfill on February 22, 2017 to discuss the measured landfill gas in the site groundwater monitoring wells, the exceedances of groundwater protection standards in MW-7, MW-19, and MW-21, and options for further investigation. Since that meeting, the County has investigated the landfill gas monitoring wells to verify if they are adequate to be used for landfill gas migration monitoring and submitted a plan to FDEP for further investigation dated March 22, 2017.

Semiannual groundwater monitoring will continue as outlined in the permit. If you have any questions or comments regarding this report, please contact me at (352) 377-5821 or thays@jonesedmunds.com.

Sincerely,



Troy D. Hays, PG

M:\EnvDocs\Citrus County\2017\17S1\17S1_Citrus Central_Letter.doc

xc: Henry Norris, Citrus County
Ray Oates, PG, Citrus County

Attachment 1: Groundwater Elevation Data and Groundwater Contour Maps
Attachment 2: Analysis Results Compared to Groundwater Standards
Attachment 3: Groundwater Parameters at or Above the Laboratory Detection Limit
Attachment 4: Parameter Monitoring Report Forms
Attachment 5: Original Laboratory Data Including Chain-of-Custody Forms
Attachment 6: Field Data Sheets
Attachment 7: Historical Data Summary
Attachment 8: Long-Term Trend Graphs



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C.

Form Title: Water Quality Monitoring Certification

Effective Date: January 6, 2010

Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

- (1) Facility Name Citrus County Central Landfill
Address 230 W Gulf to Lake Hwy
City Lecanto, FL Zip 34461 County Citrus
Telephone Number (352) 527-7679
- (2) WACS Facility ID 39859
- (3) DEP Permit Number 21375-025-SO-01
- (4) Authorized Representative's Name Troy D. Hays, PG Title Senior Manager
Address 730 N.E. Waldo Road
City Gainesville, FL Zip 32641-5699 County Alachua
Telephone Number (352) 377-5821
Email address (if available) thays@jonesedmunds.com

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

4/3/12
(Date)

[Signature]
(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Jones Edmunds and Associates, Inc.
Analytical Lab NELAC / HRS Certification # E83182
Lab Name Environmental Conservation Laboratories, Inc.
Address 10775 Central Port Drive, Orlando, FL 32824
Phone Number (407) 826-5314 (David Camacho, Project Manager)
Email address (if available) dcamacho@encolabs.com

ATTACHMENT 1

GROUNDWATER ELEVATION DATA AND GROUNDWATER CONTOUR MAP

**GROUNDWATER ELEVATION DATA
CITRUS COUNTY CENTRAL LANDFILL
FIRST SEMIANNUAL 2017**

WELL NAME	TOP OF CASING	CONTOUR MAP		TIME OF SAMPLING	
		DEPTH TO WATER	GROUNDWATER ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)	(FT)	(NGVD,FT)
MW-1R	118.07	112.43	5.64	NS	NS
MW-2	136.05	128.83	7.22	NS	NS
MW-3	120.31	113.43	6.88	113.38	6.93
MW-5	120.98	114.25	6.73	NS	NS
MW-6	118.27	111.62	6.65	NS	NS
MW-7	128.47	121.56	6.91	121.66	6.81
MW-8R	117.96	112.42	5.54	NS	NS
MW-9	113.39	107.80	5.59	NS	NS
MW-10	113.37	106.89	6.48	106.89	6.48
MW-11	104.69	99.20	5.49	99.13	5.56
MW-12	103.36	97.83	5.53	97.72	5.64
MW-13	111.92	106.28	5.64	106.22	5.70
MW-14	108.50	102.96	5.54	102.96	5.54
MW-15	123.58	117.70	5.88	117.70	5.88
MW-16	119.64	113.92	5.72	NS	NS
MW-17	110.85	105.17	5.68	105.17	5.68
MW-18	115.82	109.17	6.65	109.09	6.73
MW-19	113.50	107.01	6.49	106.98	6.52
MW-20	119.76	113.20	6.56	113.05	6.71
MW-21	115.63	109.14	6.49	109.05	6.58
MW-AA	105.85	100.30	5.55	NS	NS
MW-B	113.30	107.47	5.83	NS	NS
MW-E	109.36	103.81	5.55	NS	NS
PZ-1	110.97	105.42	5.55	NS	NS
PZ-2	116.82	111.42	5.40	NS	NS

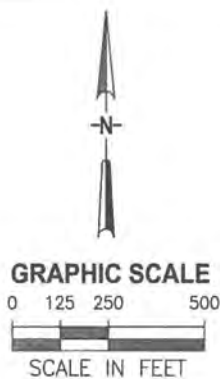
NGVD - National Geodetic Vertical Datum

NAVD - North American Vertical Datum

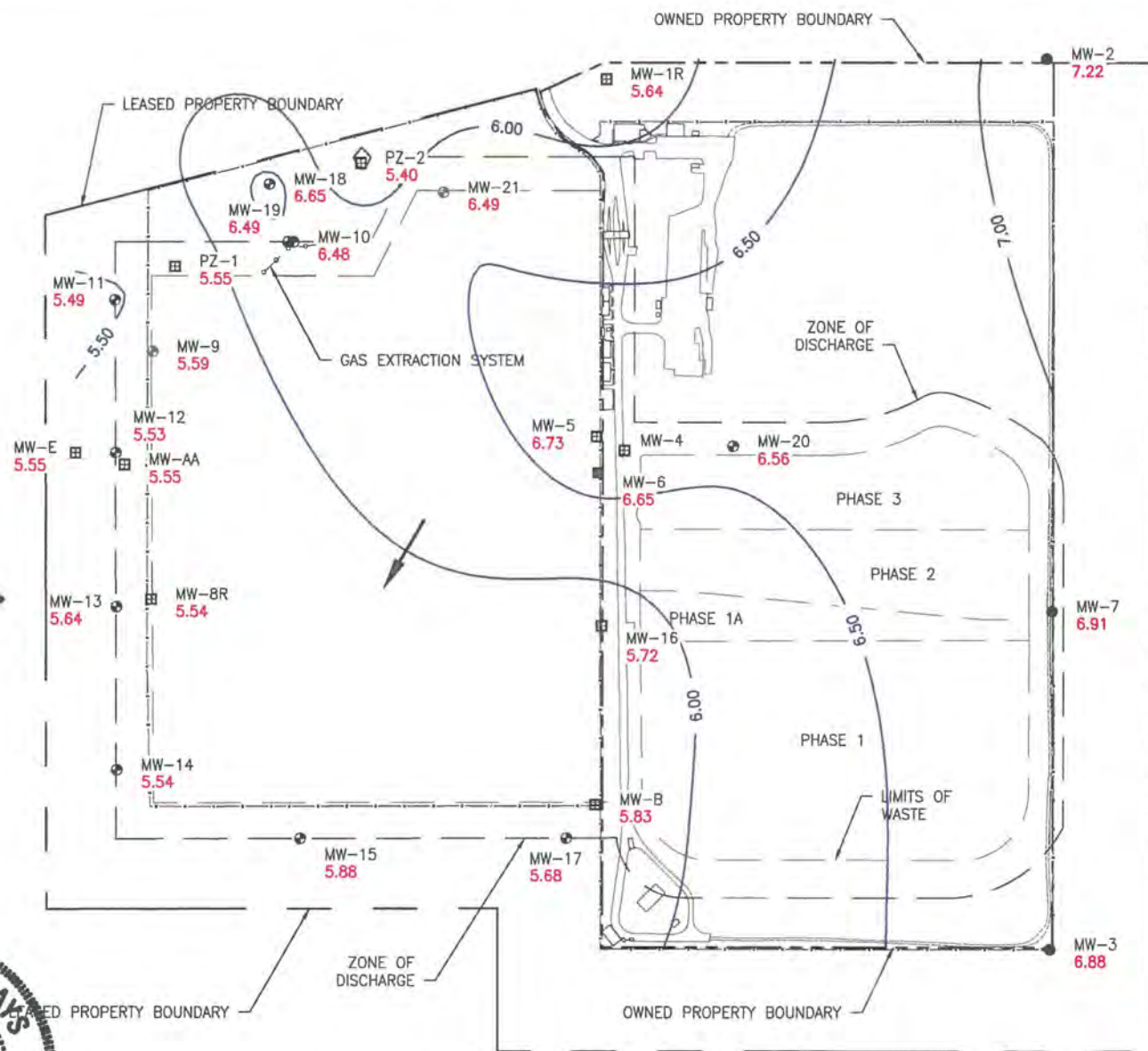
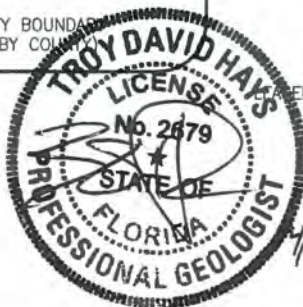
NS - Not Sampled

NM - Not Measured or Dry; refer to letter for details

NA - Not Available

**LEGEND**

- MW-11 5.49 ● BACKGROUND WELLS
- 5.49 ● GROUNDWATER ELEVATION
- ⊕ COMPLIANCE MONITORING WELL
- ⊕ ASSESSMENT MONITORING WELL
- INTERMEDIATE WELL
- PZ-1 5.55 □ PIEZOMETERS
- 5.55 □
- ← GAS EXTRACTION WELL
- ← GROUNDWATER FLOW DIRECTION
- 7.00 — GROUNDWATER CONTOUR AT 0.50 FOOT INTERVAL
- ZONE OF DISCHARGE
- PROPERTY BOUNDARY (OWNED BY COUNTY)
- LIMITS OF WASTE
- PROPERTY BOUNDARY (LEASED BY COUNTY)



CITRUS COUNTY CENTRAL LANDFILL
GROUNDWATER CONTOUR MAP
JANUARY 23, 2017

ATTACHMENT 2

ANALYSIS RESULTS COMPARED TO GROUNDWATER STANDARDS

**ANALYSIS RESULTS COMPARED TO GROUNDWATER
STANDARDS AND/OR GUIDANCE CONCENTRATIONS
CITRUS COUNTY CENTRAL LANDFILL
FIRST SEMI-ANNUAL 2017**

PARAMETER		pH (FIELD)	NITRATE NITROGEN	IRON	IRON, DISSOLVED	BENZENE	VINYL CHLORIDE
STANDARD		6.5-8.5 S.U.**	10 mg/L*	300 µg/L**	300 µg/L**	1 µg/L*	1 µg/L*
Background							
MW-3	1/24/2017	4.93	11	-	NM	-	-
MW-7	1/24/2017	5.24	-	1030	NM	2.7	-
Compliance							
MW-10	1/25/2017	4.81	-	5100	3850	-	-
MW-11	1/24/2017	-	-	-	NM	-	-
MW-12	1/24/2017	-	-	5440	NM	-	-
MW-13	1/24/2017	5.42	-	2860	NM	-	-
MW-14	1/23/2017	-	-	-	NM	-	-
MW-15	1/23/2017	4.95	-	7290	NM	-	-
MW-17	1/23/2017	5.65	-	29600	NM	-	-
MW-20	1/25/2017	6.26	-	127000	NM	-	-
MW-21	1/25/2017	5.10	-	5550	5470	1.0 @	-
Assessment							
MW-18	1/25/2017	5.09	NM	NM	NM	-	-
MW-19	1/25/2017	5.74	NM	NM	NM	2.1	2.0

LEGEND

- * =Primary Drinking Water Standard
- ** =Secondary Drinking Water Standard
- *** =Chapter 62-777 Groundwater Cleanup Target Levels (GCTL)
- @ =Analysis Result is at Groundwater Standard
- =Analysis Result is not at or outside Groundwater Standard
- NS =Not Sampled
- NM =Not Measured

Note:

This table displays analysis results which were reported at or outside Groundwater Standards.

Analysis results notated with "@" indicate that the analysis result was reported at the Groundwater Standard.

Analysis results which were reported above the laboratory detection limit (reporting limit), but not at or above the Groundwater Standard are not displayed in this table.

ATTACHMENT 3

**GROUNDWATER PARAMETERS
AT OR ABOVE THE
LABORATORY DETECTION LIMIT**

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
CITRUS COUNTY CENTRAL LANDFILL
FIRST SEMIANNUAL 2017

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ARSENIC	BARIUM	CHROMIUM
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	10 µg/L* µg/L	2000 µg/L* µg/L	100 µg/L* µg/L
Background															
MW-3	01/24/2017	82	6.13	6.93	4.93	339.5	21.5	0.19	<0.0073	12	11	120	<6.10	31.1 I	<4.50
MW-7	01/24/2017	100	1.02	6.81	5.24	132.5	22.9	1.05	0.013 I	6.5	<0.052	76	7.34 I	<20.0	<4.50
Compliance															
MW-10	01/25/2017	51	0.28	6.48	4.81	8.7	23.2	109	<0.0073	5.3	<0.052	56	<6.10	209	11.7
MW-11	01/24/2017	473	0.48	5.56	7.08	209.7	23.0	1.17	<0.0073	6.3	<0.052	270	<6.10	26.8 I	<4.50
MW-12	01/24/2017	597	0.25	5.64	6.83	-85.3	23.1	2.53	0.50	3.4 I	<0.052	340	<6.10	32.6 I	<4.50
MW-13	01/24/2017	68	0.41	5.70	5.42	72.7	23.0	2.34	<0.0073	4.3 I	<0.052	60	<6.10	<20.0	<4.50
MW-14	01/23/2017	507	0.34	5.54	6.95	71.8	22.8	0.27	<0.0073	3.5 I	<0.052	300	<6.10	<20.0	<4.50
MW-15	01/23/2017	51	0.17	5.88	4.95	52.6	22.2	0.51	0.037	2.8 I	<0.052	60	<6.10	<20.0	<4.50
MW-17	01/23/2017	177	0.18	5.68	5.65	-42.9	23.6	0.51	0.63	3.6 I	<0.052	110	<6.10	<20.0	<4.50
MW-20	01/25/2017	728	0.20	6.71	6.26	-87.1	25.2	1.05	0.95	43	<0.052	220	8.62 I	30.8 I	<4.50
MW-21	01/25/2017	159	0.34	6.58	5.10	29.2	24.0	23.3	1.4	3.6 I	<0.052	92	<6.10	<20.0	<4.50
Assessment															
MW-18	01/25/2017	43	0.72	6.73	5.09	248.1	23.1	82.7	-	-	-	-	-	-	-
MW-19	01/25/2017	118	0.33	6.52	5.74	120.6	23.0	5.99	<0.0073	4.9 I	-	-	-	-	-
QAQC															
EQUBLK1	01/25/2017	-	-	-	-	-	-	-	<0.0073	<0.29	<0.052	<10	<6.10	<20.0	<4.50
TRIP1	01/23/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
CITRUS COUNTY CENTRAL LANDFILL
FIRST SEMIANNUAL 2017

PARAMETER		COBALT	COBALT, DISSOLVED	COPPER	IRON	IRON, DISSOLVED	LEAD	MERCURY	NICKEL	SODIUM	SODIUM, DISSOLVED	THALLIUM	VANADIUM	ZINC	1,4- DICHLORO- BENZENE
STANDARD UNITS		140µg/L*** µg/L	140µg/L*** µg/L	1000 µg/L** µg/L	300 µg/L** µg/L	300 µg/L** µg/L	15 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	160 mg/L* mg/L	160 mg/L* mg/L	2 µg/L* µg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	75 µg/L* µg/L
Background															
MW-3	01/24/2017	<2.10	-	57.7	<38.0	-	5.24	<0.0230	5.62 I	8.4	-	<0.580	<2.00	70.2	<0.76
MW-7	01/24/2017	<2.10	-	17.6	1030	-	2.44 I	0.0276 I	8.23 I	9.7	-	<0.580	<2.00	130	3.1
Compliance															
MW-10	01/25/2017	<2.10	4.32 I	2.38 I	5100	3850	6.46	<0.0230	<3.20	4.3	4.1	<0.580	<2.00	<16.0	5.0
MW-11	01/24/2017	<2.10	-	<2.20	<38.0	-	<1.60	<0.0230	<3.20	3.4	-	1.20	<2.00	<16.0	<0.76
MW-12	01/24/2017	<2.10	-	<2.20	5440	-	<1.60	<0.0230	3.48 I	2.6	-	<0.580	<2.00	<16.0	<0.76
MW-13	01/24/2017	4.83 I	-	<2.20	2860	-	<1.60	0.0902 I	3.38 I	1.8	-	<0.580	<2.00	<16.0	<0.76
MW-14	01/23/2017	<2.10	-	<2.20	<38.0	-	<1.60	<0.0230	<3.20	3.1	-	<0.580	2.50 I	<16.0	<0.76
MW-15	01/23/2017	<2.10	-	<2.20	7290	-	<1.60	<0.0230	<3.20	2.3	-	<0.580	<2.00	<16.0	<0.76
MW-17	01/23/2017	6.43 I	-	<2.20	29600	-	<1.60	<0.0230	<3.20	3.1	-	<0.580	<2.00	<16.0	2.0
MW-20	01/25/2017	2.90 I	-	<2.20	127000	-	<1.60	<0.0230	<3.20	16	-	<0.580	<2.00	<16.0	<0.76
MW-21	01/25/2017	<2.10	3.19 I	<2.20	5550	5470	<1.60	<0.0230	<3.20	2.1	2.2	<0.580	<2.00	<16.0	5.3
Assessment															
MW-18	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QAQC															
EQUBLK1	01/25/2017	<2.10	-	<2.20	<38.0	-	<1.60	<0.0230	<3.20	<160	-	<0.580	<2.00	<16.0	<0.76
TRIP1	01/23/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.76

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
CITRUS COUNTY CENTRAL LANDFILL
FIRST SEMIANNUAL 2017

PARAMETER		ACETONE	BENZENE	CHLORO- METHANE (METHYL CHLORIDE)	CIS-1,2- DICHLORO- ETHENE	DICHLORO- METHANE	ETHYL- BENZENE	M&P- XYLENES	VINYL CHLORIDE	XYLENES	TOTAL VOCs
STANDARD UNITS		6300 µg/L *** µg/L	1 µg/L * µg/L	2.7 µg/L *** µg/L	70 µg/L * µg/L	5 µg/L * µg/L	30 µg/L ** µg/L	20 µg/L ** µg/L	1 µg/L * µg/L	20 µg/L ** µg/L	(1) µg/L
Background											
MW-3	01/24/2017	34	<0.71	2.3	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	36.3
MW-7	01/24/2017	28	2.7	<0.82	<0.53	<2.0	1.8	<1.3	<0.71	<1.3	35.6
Compliance											
MW-10	01/25/2017	34	0.84 I	<0.82	2.4	<2.0	<0.69	1.6 I	<0.71	1.6 I	45.44
MW-11	01/24/2017	17 I	<0.71	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	17
MW-12	01/24/2017	28	<0.71	2.6	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	30.6
MW-13	01/24/2017	<10	<0.71	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	-
MW-14	01/23/2017	<10	<0.71	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	-
MW-15	01/23/2017	22	<0.71	<0.82	1.8	<2.0	<0.69	<1.3	<0.71	<1.3	23.8
MW-17	01/23/2017	27	0.81 I	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	29.81
MW-20	01/25/2017	22	<0.71	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	22
MW-21	01/25/2017	28	1.0	<0.82	1.5	<2.0	<0.69	<1.3	<0.71	<1.3	35.8
Assessment											
MW-18	01/25/2017	-	<0.71	-	-	<2.0	-	-	<0.71	-	-
MW-19	01/25/2017	-	2.1	-	-	2.8 I	-	-	2.0	-	6.9
QAQC											
EQUBLK1	01/25/2017	22	<0.71	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	22
TRIP1	01/23/2017	15 I	<0.71	<0.82	<0.53	<2.0	<0.69	<1.3	<0.71	<1.3	15

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

ATTACHMENT 4

PARAMETER MONITORING REPORT FORMS

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 150

Well Name: MW-3

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.93

Sampling Date/Time: 1/24/2017 3:30:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: YES

Well Type: ☒ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/24/2017 3:30:00 PM	6.93	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/24/2017 3:30:00 PM	82	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/24/2017 3:30:00 PM	4.93	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/24/2017 3:30:00 PM	21.5	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/24/2017 3:30:00 PM	0.19	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/25/2017 8:01:00 PM	12	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/25/2017 8:01:00 PM	11	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:28:00 AM	<0.0073	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/24/2017 3:30:00 PM	6.13	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	31.1 I	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<2.10	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	57.7	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<38.0	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	5.24	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	5.62 I	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	8.4	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/26/2017 1:04:00 PM	70.2	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 8:05:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 3:38:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 3:38:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	34	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 150

Well Name: MW-3

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.93

Sampling Date/Time: 1/24/2017 3:30:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: YES

Well Type: ☒ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	2.3	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 7:21:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/30/2017 9:33:00 PM	120	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/24/2017 3:30:00 PM	339.5	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 179

Well Name: MW-7

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.81

Sampling Date/Time: 1/24/2017 2:34:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: YES

Well Type: ☒ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/24/2017 2:34:00 PM	6.81	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/24/2017 2:34:00 PM	100	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/24/2017 2:34:00 PM	5.24	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/24/2017 2:34:00 PM	22.9	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/24/2017 2:34:00 PM	1.05	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/25/2017 7:45:00 PM	6.5	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/25/2017 7:45:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:27:00 AM	0.013 I	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/24/2017 2:34:00 PM	1.02	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	7.34 I	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<2.10	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	17.6	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	1030	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	2.44 I	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	8.23 I	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	9.7	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/26/2017 12:29:00 PM	130	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 8:02:00 AM	0.0276 I	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 3:20:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 3:20:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	3.1	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	28	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 179

Well Name: MW-7

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.81

Sampling Date/Time: 1/24/2017 2:34:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: YES

Well Type: ☒ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	2.7	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	1.8	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 6:50:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/30/2017 9:33:00 PM	76	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/24/2017 2:34:00 PM	132.5	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22010

Well Name: MW-10

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.48

Sampling Date/Time: 1/25/2017 11:22:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/25/2017 11:22:00 AM	6.48	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/25/2017 11:22:00 AM	51	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/25/2017 11:22:00 AM	4.81	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/25/2017 11:22:00 AM	23.2	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/25/2017 11:22:00 AM	109	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/27/2017 5:01:00 AM	5.3	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/27/2017 5:01:00 AM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:34:00 AM	<0.0073	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/25/2017 11:22:00 AM	0.28	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<2.50	µg/L	2.50µg/L
001095	ANTIMONY, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<6.10	µg/L	6.10µg/L
001000	ARSENIC, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	209	µg/L	20.0µg/L
001005	BARIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<0.940	µg/L	0.940µg/L
001010	BERYLLIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<0.900	µg/L	0.900µg/L
001025	CADMIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	11.7	µg/L	4.50µg/L
001030	CHROMIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<2.10	µg/L	2.10µg/L
001035	COBALT, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	4.32 I	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	2.38 I	µg/L	2.20µg/L
001040	COPPER, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	5100	µg/L	38.0µg/L
001046	IRON, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	3850	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	6.46	µg/L	1.60µg/L
001049	LEAD, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<3.20	µg/L	3.20µg/L
001065	NICKEL, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<6.50	µg/L	6.50µg/L
001145	SELENIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<0.290	µg/L	0.290µg/L
001075	SILVER, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/30/2017 11:39:00 AM	4.3	mg/L	160mg/L
000930	SODIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	4.1	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<0.580	µg/L	0.580µg/L
001057	THALLIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<2.00	µg/L	2.00µg/L
001085	VANADIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/30/2017 11:46:00 AM	<16.0	µg/L	16.0µg/L
001090	ZINC, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:39:00 AM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 9:16:00 AM	<0.0230	µg/L	0.0230µg/L
071890	MERCURY, DISSOLVED	BP	Yes	EPA 7470A	1/31/2017 9:13:00 AM	<0.0230	µg/L	0.0230µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22010

Well Name: MW-10

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.48

Sampling Date/Time: 1/25/2017 11:22:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 5:09:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 5:09:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	5.0	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	34	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<3.2	µg/L	3.2µg/L
034030	BENZENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	0.84 I	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	2.4	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	1.6 I	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.89	µg/L	0.89µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22010

Well Name: MW-10

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.48

Sampling Date/Time: 1/25/2017 11:22:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/31/2017 12:24:00 AM	1.6 I	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	2/1/2017 10:15:00 PM	56	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/25/2017 11:22:00 AM	8.7	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22011

Well Name: MW-11

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.56

Sampling Date/Time: 1/24/2017 9:59:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/24/2017 9:59:00 AM	5.56	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/24/2017 9:59:00 AM	473	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/24/2017 9:59:00 AM	7.08	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/24/2017 9:59:00 AM	23.0	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/24/2017 9:59:00 AM	1.17	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/25/2017 5:37:00 PM	6.3	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/25/2017 5:37:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:21:00 AM	<0.0073	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/24/2017 9:59:00 AM	0.48	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	26.8 I	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<2.10	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<38.0	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	3.4	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	1.20	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/26/2017 11:15:00 AM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 7:53:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 1:55:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 1:55:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	17.1	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22011

Well Name: MW-11

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.56

Sampling Date/Time: 1/24/2017 9:59:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 5:19:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/30/2017 9:33:00 PM	270	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/24/2017 9:59:00 AM	209.7	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22012

Well Name: MW-12

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.64

Sampling Date/Time: 1/24/2017 11:21:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: [] Background [] Intermediate
[X] Compliance [] Water Supply
[] Detection [] Piezometer
[] Assessment [] Leachate
[] Other [] Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/24/2017 11:21:00 AM	5.64	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/24/2017 11:21:00 AM	597	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/24/2017 11:21:00 AM	6.83	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/24/2017 11:21:00 AM	23.1	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/24/2017 11:21:00 AM	2.53	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/25/2017 5:53:00 PM	3.4 I	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/25/2017 5:53:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:23:00 AM	0.50	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/24/2017 11:21:00 AM	0.25	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	32.6 I	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<2.10	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	5440	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	3.48 I	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	2.6	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/26/2017 12:15:00 PM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 7:56:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 2:44:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 2:44:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	28	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22012

Well Name: MW-12

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.64

Sampling Date/Time: 1/24/2017 11:21:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	2.6	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 5:50:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/30/2017 9:33:00 PM	340	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/24/2017 11:21:00 AM	-85.3	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22013

Well Name: MW-13

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.70

Sampling Date/Time: 1/24/2017 12:42:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/24/2017 12:42:00 PM	5.70	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/24/2017 12:42:00 PM	68	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/24/2017 12:42:00 PM	5.42	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/24/2017 12:42:00 PM	23.0	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/24/2017 12:42:00 PM	2.34	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/25/2017 7:29:00 PM	4.3 I	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/25/2017 7:29:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:26:00 AM	<0.0073	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/24/2017 12:42:00 PM	0.41	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	4.83 I	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	2860	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	3.38 I	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	1.8	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/26/2017 12:22:00 PM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 7:59:00 AM	0.0902 I	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 3:02:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 3:02:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<10	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22013

Well Name: MW-13

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.70

Sampling Date/Time: 1/24/2017 12:42:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 6:20:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/30/2017 9:33:00 PM	60	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/24/2017 12:42:00 PM	72.7	mV	-999mV

Citrus County Central Landfill

Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22014

Well Name: MW-14

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.54

Sampling Date/Time: 1/23/2017 3:18:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/23/2017 3:18:00 PM	5.54	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/23/2017 3:18:00 PM	507	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/23/2017 3:18:00 PM	6.95	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/23/2017 3:18:00 PM	22.8	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/23/2017 3:18:00 PM	0.27	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/24/2017 4:37:00 PM	3.5 I	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/24/2017 4:37:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:20:00 AM	<0.0073	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/23/2017 3:18:00 PM	0.34	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<2.10	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<38.0	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 8:19:00 AM	3.1	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	2.50 I	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/25/2017 11:38:00 AM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 7:50:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 1:36:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 1:36:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<10	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22014

Well Name: MW-14

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.54

Sampling Date/Time: 1/23/2017 3:18:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 4:19:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/25/2017 9:25:00 PM	300	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/23/2017 3:18:00 PM	71.8	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22015

Well Name: MW-15

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.88

Sampling Date/Time: 1/23/2017 2:25:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/23/2017 2:25:00 PM	5.88	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/23/2017 2:25:00 PM	51	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/23/2017 2:25:00 PM	4.95	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/23/2017 2:25:00 PM	22.2	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/23/2017 2:25:00 PM	0.51	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/24/2017 3:17:00 PM	2.8 I	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/24/2017 3:17:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:19:00 AM	0.037	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/23/2017 2:25:00 PM	0.17	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<2.10	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	7290	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 8:42:00 AM	2.3	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/25/2017 12:34:00 PM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 7:47:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 1:18:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 1:18:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	22	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22015

Well Name: MW-15

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.88

Sampling Date/Time: 1/23/2017 2:25:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	1.8	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 3:49:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/25/2017 9:25:00 PM	60	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/23/2017 2:25:00 PM	52.6	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22017

Well Name: MW-17

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.68

Sampling Date/Time: 1/23/2017 1:15:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: [] Background [] Intermediate
[X] Compliance [] Water Supply
[] Detection [] Piezometer
[] Assessment [] Leachate
[] Other [] Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/23/2017 1:15:00 PM	5.68	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/23/2017 1:15:00 PM	177	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/23/2017 1:15:00 PM	5.65	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/23/2017 1:15:00 PM	23.6	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/23/2017 1:15:00 PM	0.51	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/24/2017 3:01:00 PM	3.6 I	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/24/2017 3:01:00 PM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:16:00 AM	0.63	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/23/2017 1:15:00 PM	0.18	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	6.43 I	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/25/2017 12:30:00 PM	29600	µg/L	380µg/L
001051	LEAD	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/26/2017 8:41:00 AM	3.1	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/25/2017 12:26:00 PM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 7:16:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 1:00:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 1:00:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	2.0	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	27	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22017

Well Name: MW-17

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 5.68

Sampling Date/Time: 1/23/2017 1:15:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	0.81 I	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/27/2017 3:19:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	1/25/2017 9:25:00 PM	110	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/23/2017 1:15:00 PM	-42.9	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22709

Well Name: MW-18

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.73

Sampling Date/Time: 1/25/2017 12:15:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☒ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/25/2017 12:15:00 PM	6.73	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/25/2017 12:15:00 PM	43	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/25/2017 12:15:00 PM	5.09	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/25/2017 12:15:00 PM	23.1	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/25/2017 12:15:00 PM	82.7	NTU	0NTU
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/25/2017 12:15:00 PM	0.72	mg/L	0mg/L
034030	BENZENE	BP	No	EPA 8260B	2/1/2017 11:25:00 AM	<0.71	µg/L	0.71µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	2/1/2017 11:25:00 AM	<2.0	µg/L	2.0µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	2/1/2017 11:25:00 AM	<0.71	µg/L	0.71µg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/25/2017 12:15:00 PM	248.1	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 22710

Well Name: MW-19

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.52

Sampling Date/Time: 1/25/2017 10:18:00 AM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☒ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/25/2017 10:18:00 AM	6.52	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/25/2017 10:18:00 AM	118	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/25/2017 10:18:00 AM	5.74	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/25/2017 10:18:00 AM	23.0	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/25/2017 10:18:00 AM	5.99	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/27/2017 4:45:00 AM	4.9 I	mg/L	0.29mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:32:00 AM	<0.0073	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/25/2017 10:18:00 AM	0.33	mg/L	0mg/L
034030	BENZENE	BP	No	EPA 8260B	2/1/2017 10:56:00 AM	2.1	µg/L	0.71µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	2/1/2017 10:56:00 AM	2.8 I	µg/L	2.0µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	2/1/2017 10:56:00 AM	2.0	µg/L	0.71µg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/25/2017 10:18:00 AM	120.6	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 23691

Well Name: MW-20

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.71

Sampling Date/Time: 1/25/2017 2:46:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: [] Background [] Intermediate
[X] Compliance [] Water Supply
[] Detection [] Piezometer
[] Assessment [] Leachate
[] Other [] Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/25/2017 2:46:00 PM	6.71	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/25/2017 2:46:00 PM	728	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/25/2017 2:46:00 PM	6.26	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/25/2017 2:46:00 PM	25.2	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/25/2017 2:46:00 PM	1.05	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/27/2017 5:17:00 AM	43	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/27/2017 5:17:00 AM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:40:00 AM	0.95	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/25/2017 2:46:00 PM	0.20	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	8.62 I	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	30.8 I	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	2.90 I	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/30/2017 11:10:00 AM	127000	µg/L	760µg/L
001051	LEAD	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	16	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/30/2017 10:27:00 AM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 9:34:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 6:21:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 6:21:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	22	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<3.2	µg/L	3.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 23691

Well Name: MW-20

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.71

Sampling Date/Time: 1/25/2017 2:46:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034030	BENZENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/31/2017 1:55:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	2/1/2017 10:15:00 PM	220	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/25/2017 2:46:00 PM	-87.1	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 27449

Well Name: MW-21

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.58

Sampling Date/Time: 1/25/2017 1:28:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
082545	GROUNDWATER ELEVATION	BP	No	DEP SOP	1/25/2017 1:28:00 PM	6.58	ft, NGVD	ft, NGVD
000094	CONDUCTIVITY (FIELD)	BP	No	EPA 120.1	1/25/2017 1:28:00 PM	159	µmhos/cm	0µmhos/cm
000406	pH (FIELD)	BP	No	EPA 150.1	1/25/2017 1:28:00 PM	5.10	pH Units	pH Units
000010	TEMPERATURE (FIELD)	BP	No	EPA 170.1	1/25/2017 1:28:00 PM	24.0	°C	0°C
082078	TURBIDITY (FIELD)	BP	No	EPA 180.1	1/25/2017 1:28:00 PM	23.3	NTU	0NTU
000940	CHLORIDE	BP	No	EPA 300.0	1/27/2017 5:33:00 AM	3.6 I	mg/L	0.29mg/L
000620	NITRATE NITROGEN	BP	No	EPA 300.0	1/27/2017 5:33:00 AM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	BP	No	EPA 350.1	1/27/2017 11:37:00 AM	1.4	mg/L	0.0073mg/L
000299	DISSOLVED OXYGEN (FIELD)	BP	No	EPA 360.1	1/25/2017 1:28:00 PM	0.34	mg/L	0mg/L
001097	ANTIMONY	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<2.50	µg/L	2.50µg/L
001095	ANTIMONY, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<6.10	µg/L	6.10µg/L
001000	ARSENIC, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<6.10	µg/L	6.10µg/L
001007	BARIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<20.0	µg/L	20.0µg/L
001005	BARIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<0.940	µg/L	0.940µg/L
001010	BERYLLIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<0.900	µg/L	0.900µg/L
001025	CADMIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<4.50	µg/L	4.50µg/L
001030	CHROMIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<4.50	µg/L	4.50µg/L
001037	COBALT	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<2.10	µg/L	2.10µg/L
001035	COBALT, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	3.19 I	µg/L	2.10µg/L
001042	COPPER	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<2.20	µg/L	2.20µg/L
001040	COPPER, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<2.20	µg/L	2.20µg/L
001045	IRON	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	5550	µg/L	38.0µg/L
001046	IRON, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	5470	µg/L	38.0µg/L
001051	LEAD	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<1.60	µg/L	1.60µg/L
001049	LEAD, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<1.60	µg/L	1.60µg/L
001067	NICKEL	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<3.20	µg/L	3.20µg/L
001065	NICKEL, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<6.50	µg/L	6.50µg/L
001145	SELENIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<6.50	µg/L	6.50µg/L
001077	SILVER	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<0.290	µg/L	0.290µg/L
001075	SILVER, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<0.290	µg/L	0.290µg/L
000929	SODIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	2.1	mg/L	160mg/L
000930	SODIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	2.2	mg/L	160mg/L
001059	THALLIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<0.580	µg/L	0.580µg/L
001057	THALLIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<2.00	µg/L	2.00µg/L
001085	VANADIUM, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<2.00	µg/L	2.00µg/L
001092	ZINC	BP	No	EPA 6020A	1/30/2017 12:00:00 PM	<16.0	µg/L	16.0µg/L
001090	ZINC, DISSOLVED	BP	Yes	EPA 6020A	1/30/2017 11:53:00 AM	<16.0	µg/L	16.0µg/L
071900	MERCURY	BP	No	EPA 7470A	1/31/2017 9:31:00 AM	<0.0230	µg/L	0.0230µg/L
071890	MERCURY, DISSOLVED	BP	Yes	EPA 7470A	1/31/2017 9:22:00 AM	<0.0230	µg/L	0.0230µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 27449

Well Name: MW-21

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.58

Sampling Date/Time: 1/25/2017 1:28:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
049146	1,2-DIBROMO-3-CHLOROPROPANE	BP	No	EPA 8011	1/30/2017 6:03:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	BP	No	EPA 8011	1/30/2017 6:03:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	5.3	µg/L	0.76µg/L
077103	2-HEXANONE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	28	µg/L	10µg/L
034215	ACRYLONITRILE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<3.2	µg/L	3.2µg/L
034030	BENZENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	1.0	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROBENZENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	1.5	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.89	µg/L	0.89µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #: 27449

Well Name: MW-21

Classification of Ground Water: GII

Ground Water Elevation (NGVD): 6.58

Sampling Date/Time: 1/25/2017 1:28:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged: Yes

Well Type: ☐ Background ☐ Intermediate
☒ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☐ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034488	TRICHLOROFLUOROMETHANE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	BP	No	EPA 8260B	1/31/2017 1:25:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	BP	No	SM 2540C-1997	2/1/2017 10:15:00 PM	92	mg/L	10mg/L
046480	REDOX POTENTIAL (FIELD)	BP	No	SM2580B	1/25/2017 1:28:00 PM	29.2	mV	-999mV

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK1 (AA00641-04)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/25/2017 12:35:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
000940	CHLORIDE	E	No	EPA 300.0	1/27/2017 6:53:00 AM	<0.29	mg/L	0.29mg/L
000620	NITRATE NITROGEN	E	No	EPA 300.0	1/27/2017 6:53:00 AM	<0.052	mg/L	0.052mg/L
000610	AMMONIA NITROGEN	E	No	EPA 350.1	1/27/2017 11:35:00 AM	<0.0073	mg/L	0.0073mg/L
001097	ANTIMONY	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<2.50	µg/L	2.50µg/L
001002	ARSENIC	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<6.10	µg/L	6.10µg/L
001007	BARIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<20.0	µg/L	20.0µg/L
001012	BERYLLIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<0.940	µg/L	0.940µg/L
001027	CADMIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<0.900	µg/L	0.900µg/L
001034	CHROMIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<4.50	µg/L	4.50µg/L
001037	COBALT	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<2.10	µg/L	2.10µg/L
001042	COPPER	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<2.20	µg/L	2.20µg/L
001045	IRON	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<38.0	µg/L	38.0µg/L
001051	LEAD	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<1.60	µg/L	1.60µg/L
001067	NICKEL	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<3.20	µg/L	3.20µg/L
001147	SELENIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<6.50	µg/L	6.50µg/L
001077	SILVER	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<0.290	µg/L	0.290µg/L
000929	SODIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<160	mg/L	160mg/L
001059	THALLIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<0.580	µg/L	0.580µg/L
001087	VANADIUM	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<2.00	µg/L	2.00µg/L
001092	ZINC	E	No	EPA 6020A	1/30/2017 10:20:00 AM	<16.0	µg/L	16.0µg/L
071900	MERCURY	E	No	EPA 7470A	1/31/2017 9:19:00 AM	<0.0230	µg/L	0.0230µg/L
049146	1,2-DIBROMO-3-CHLOROPROPANE	E	No	EPA 8011	1/30/2017 5:27:00 PM	<0.012	µg/L	0.012µg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	1/30/2017 5:27:00 PM	<0.004	µg/L	0.004µg/L
049263	(E)-1,4-DICHLORO-2-BUTENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	22	µg/L	10µg/L
034215	ACRYLONITRILE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<3.2	µg/L	3.2µg/L
034030	BENZENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<2.6	µg/L	2.6µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK1 (AA00641-04)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/25/2017 12:35:00 PM

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLORO BENZENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.60	µg/L	0.60µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES	E	No	EPA 8260B	1/31/2017 12:54:00 AM	<1.3	µg/L	1.3µg/L
070300	TOTAL DISSOLVED SOLIDS	E	No	SM 2540C-1997	2/1/2017 10:15:00 PM	<10	mg/L	10mg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP1 (AA00410-04)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/23/2017

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
049263	(E)-1,4-DICHLORO-2-BUTENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE		No	EPA 8260B	1/27/2017 4:50:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE		No	EPA 8260B	1/27/2017 4:50:00 AM	15.1	µg/L	10µg/L
034215	ACRYLONITRILE		No	EPA 8260B	1/27/2017 4:50:00 AM	<3.2	µg/L	3.2µg/L
034030	BENZENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE		No	EPA 8260B	1/27/2017 4:50:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES		No	EPA 8260B	1/27/2017 4:50:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE		No	EPA 8260B	1/27/2017 4:50:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.60	µg/L	0.60µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP1 (AA00410-04)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/23/2017

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
039175	VINYL CHLORIDE		No	EPA 8260B	1/27/2017 4:50:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES		No	EPA 8260B	1/27/2017 4:50:00 AM	<1.3	µg/L	1.3µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP2 (AA00583-06)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/24/2017

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
049263	(E)-1,4-DICHLORO-2-BUTENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE		No	EPA 8260B	1/27/2017 7:51:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE		No	EPA 8260B	1/27/2017 7:51:00 AM	<10	µg/L	10µg/L
034215	ACRYLONITRILE		No	EPA 8260B	1/27/2017 7:51:00 AM	<3.2	µg/L	3.2µg/L
034030	BENZENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE		No	EPA 8260B	1/27/2017 7:51:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES		No	EPA 8260B	1/27/2017 7:51:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE		No	EPA 8260B	1/27/2017 7:51:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.60	µg/L	0.60µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP2 (AA00583-06)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/24/2017

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
039175	VINYL CHLORIDE		No	EPA 8260B	1/27/2017 7:51:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES		No	EPA 8260B	1/27/2017 7:51:00 AM	<1.3	µg/L	1.3µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP3 (AA00641-07)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/25/2017

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
049263	(E)-1,4-DICHLORO-2-BUTENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.79	µg/L	0.79µg/L
077562	1,1,1,2-TETRACHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.61	µg/L	0.61µg/L
034506	1,1,1-TRICHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.80	µg/L	0.80µg/L
034516	1,1,2,2-TETRACHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.54	µg/L	0.54µg/L
034511	1,1,2-TRICHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.76	µg/L	0.76µg/L
034496	1,1-DICHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.62	µg/L	0.62µg/L
034501	1,1-DICHLOROETHENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.94	µg/L	0.94µg/L
077443	1,2,3-TRICHLOROPROPANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.64	µg/L	0.64µg/L
034536	1,2-DICHLOROBENZENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.73	µg/L	0.73µg/L
034531	1,2-DICHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.63	µg/L	0.63µg/L
034541	1,2-DICHLOROPROPANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.80	µg/L	0.80µg/L
034571	1,4-DICHLOROBENZENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.76	µg/L	0.76µg/L
077103	2-HEXANONE		No	EPA 8260B	1/31/2017 2:25:00 AM	<1.4	µg/L	1.4µg/L
078133	4-METHYL-2-PENTANONE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.79	µg/L	0.79µg/L
081552	ACETONE		No	EPA 8260B	1/31/2017 2:25:00 AM	<10	µg/L	10µg/L
034215	ACRYLONITRILE		No	EPA 8260B	1/31/2017 2:25:00 AM	<3.2	µg/L	3.2µg/L
034030	BENZENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.71	µg/L	0.71µg/L
073085	BROMOCHLOROMETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.94	µg/L	0.94µg/L
032101	BROMODICHLOROMETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.52	µg/L	0.52µg/L
032104	BROMOFORM		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.75	µg/L	0.75µg/L
034413	BROMOMETHANE (METHYL BROMIDE)		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.95	µg/L	0.95µg/L
077041	CARBON DISULFIDE		No	EPA 8260B	1/31/2017 2:25:00 AM	<2.6	µg/L	2.6µg/L
032102	CARBON TETRACHLORIDE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.94	µg/L	0.94µg/L
034301	CHLOROENZENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.72	µg/L	0.72µg/L
034311	CHLOROETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.98	µg/L	0.98µg/L
032106	CHLOROFORM		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.80	µg/L	0.80µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.82	µg/L	0.82µg/L
077093	CIS-1,2-DICHLOROETHENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.53	µg/L	0.53µg/L
034704	CIS-1,3-DICHLOROPROPENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.59	µg/L	0.59µg/L
032105	DIBROMOCHLOROMETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.44	µg/L	0.44µg/L
077596	DIBROMOMETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.84	µg/L	0.84µg/L
034423	DICHLOROMETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<2.0	µg/L	2.0µg/L
034371	ETHYLBENZENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.69	µg/L	0.69µg/L
085795	M&P- XYLENES		No	EPA 8260B	1/31/2017 2:25:00 AM	<1.3	µg/L	1.3µg/L
081595	METHYL ETHYL KETONE		No	EPA 8260B	1/31/2017 2:25:00 AM	<4.5	µg/L	4.5µg/L
077424	METHYL IODIDE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.72	µg/L	0.72µg/L
077135	O-XYLENES		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.53	µg/L	0.53µg/L
077128	STYRENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.61	µg/L	0.61µg/L
034475	TETRACHLOROETHENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.76	µg/L	0.76µg/L
034010	TOLUENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.72	µg/L	0.72µg/L
034546	TRANS-1,2-DICHLOROETHENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.73	µg/L	0.73µg/L
034699	TRANS-1,3-DICHLOROPROPENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.73	µg/L	0.73µg/L
039180	TRICHLOROETHENE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.89	µg/L	0.89µg/L
034488	TRICHLOROFLUOROMETHANE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.94	µg/L	0.94µg/L
077057	VINYL ACETATE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.60	µg/L	0.60µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility WACS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP3 (AA00641-07)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/25/2017

Report Period: FIRST SEMIANNUAL 2017

Well Purged:

Well Type: ☐ Background ☐ Intermediate
☐ Compliance ☐ Water Supply
☐ Detection ☐ Piezometer
☐ Assessment ☐ Leachate
☒ Other ☐ Surface Water

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
039175	VINYL CHLORIDE		No	EPA 8260B	1/31/2017 2:25:00 AM	<0.71	µg/L	0.71µg/L
034020	XYLENES		No	EPA 8260B	1/31/2017 2:25:00 AM	<1.3	µg/L	1.3µg/L

ATTACHMENT 5

ORIGINAL LABORATORY DATA INCLUDING CHAIN-OF-CUSTODY FORMS



ENCO Laboratories

Accurate.

Timely.

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Tuesday, February 28, 2017

Jones Edmunds & Associates, Inc. (JO006)

Attn: Elizabeth Kennelley

730 N.E.Waldo Road Bldg.A

Gainesville, FL 32641

RE: Laboratory Results for

Project Number: 03860-056-01, Project Name/Desc: Citrus Co. LF

ENCO Workorder(s): AA00410

Dear Elizabeth Kennelley,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, January 24, 2017.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

David Camacho

Project Manager

Enclosure(s)

LAB #		AA00410-01	AA00410-01RE1	AA00410-02	AA00410-02RE1	AA00410-03	AA00410-03RE1
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-17	MW-17	MW-15	MW-15	MW-14	MW-14

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	<0.82 [13]	-	<0.82 [13]	-	<0.82 [13]	-
Vinyl chloride	1.0 ug/L	<0.71 [13]	-	<0.71 [13]	-	<0.71 [13]	-
Bromomethane	1.0 ug/L	<0.95 [13]	-	<0.95 [13]	-	<0.95 [13]	-
Chloroethane	1.0 ug/L	<0.98 [13]	-	<0.98 [13]	-	<0.98 [13]	-
Trichlorofluoromethane	1.0 ug/L	<0.94 [13]	-	<0.94 [13]	-	<0.94 [13]	-
Acetone	20 ug/L	27 [4]	-	22 [4]	-	<10 [13]	-
1,1-Dichloroethene	1.0 ug/L	<0.94 [13]	-	<0.94 [13]	-	<0.94 [13]	-
Iodomethane	5.0 ug/L	<0.72 [13]	-	<0.72 [13]	-	<0.72 [13]	-
Carbon disulfide	5.0 ug/L	<2.6 [13]	-	<2.6 [13]	-	<2.6 [13]	-
Methylene chloride	5.0 ug/L	<2.0 [13]	-	<2.0 [13]	-	<2.0 [13]	-
Acrylonitrile	10 ug/L	<3.2 [13]	-	<3.2 [13]	-	<3.2 [13]	-
trans-1,2-Dichloroethene	1.0 ug/L	<0.73 [13]	-	<0.73 [13]	-	<0.73 [13]	-
cis-1,2-Dichloroethene	1.0 ug/L	<0.53 [13]	-	1.8	-	<0.53 [13]	-
1,1-Dichloroethane	1.0 ug/L	<0.62 [13]	-	<0.62 [13]	-	<0.62 [13]	-
Vinyl acetate	5.0 ug/L	<0.60 [7] [13]	-	<0.60 [7] [13]	-	<0.60 [7] [13]	-
2-Butanone	5.0 ug/L	<4.5 [13]	-	<4.5 [13]	-	<4.5 [13]	-
Chloroform	1.0 ug/L	<0.80 [13]	-	<0.80 [13]	-	<0.80 [13]	-
Bromochloromethane	1.0 ug/L	<0.94 [13]	-	<0.94 [13]	-	<0.94 [13]	-
1,1,1-Trichloroethane	1.0 ug/L	<0.80 [13]	-	<0.80 [13]	-	<0.80 [13]	-
Carbon tetrachloride	1.0 ug/L	<0.94 [13]	-	<0.94 [13]	-	<0.94 [13]	-
1,2-Dichloroethane	1.0 ug/L	<0.63 [13]	-	<0.63 [13]	-	<0.63 [13]	-
Benzene	1.0 ug/L	0.81 [3]	-	<0.71 [13]	-	<0.71 [13]	-
Trichloroethene	1.0 ug/L	<0.89 [13]	-	<0.89 [13]	-	<0.89 [13]	-
1,2-Dichloropropane	1.0 ug/L	<0.80 [13]	-	<0.80 [13]	-	<0.80 [13]	-
Bromodichloromethane	1.0 ug/L	<0.52 [13]	-	<0.52 [13]	-	<0.52 [13]	-
Dibromomethane	1.0 ug/L	<0.84 [13]	-	<0.84 [13]	-	<0.84 [13]	-
4-Methyl-2-pentanone	5.0 ug/L	<0.79 [13]	-	<0.79 [13]	-	<0.79 [13]	-
2-Hexanone	5.0 ug/L	<1.4 [13]	-	<1.4 [13]	-	<1.4 [13]	-
cis-1,3-Dichloropropene	1.0 ug/L	<0.59 [13]	-	<0.59 [13]	-	<0.59 [13]	-
Toluene	1.0 ug/L	<0.72 [13]	-	<0.72 [13]	-	<0.72 [13]	-
trans-1,3-Dichloropropene	1.0 ug/L	<0.73 [13]	-	<0.73 [13]	-	<0.73 [13]	-
1,1,2-Trichloroethane	1.0 ug/L	<0.76 [13]	-	<0.76 [13]	-	<0.76 [13]	-
Tetrachloroethene	1.0 ug/L	<0.76 [13]	-	<0.76 [13]	-	<0.76 [13]	-
Dibromochloromethane	1.0 ug/L	<0.44 [13]	-	<0.44 [13]	-	<0.44 [13]	-
Chlorobenzene	1.0 ug/L	<0.72 [13]	-	<0.72 [13]	-	<0.72 [13]	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.61 [13]	-	<0.61 [13]	-	<0.61 [13]	-
Ethylbenzene	1.0 ug/L	<0.69 [13]	-	<0.69 [13]	-	<0.69 [13]	-
m,p-Xylenes	2.0 ug/L	<1.3 [13]	-	<1.3 [13]	-	<1.3 [13]	-
o-Xylene	1.0 ug/L	<0.53 [13]	-	<0.53 [13]	-	<0.53 [13]	-
Bromoform	1.0 ug/L	<0.75 [13]	-	<0.75 [13]	-	<0.75 [13]	-
Styrene	1.0 ug/L	<0.61 [13]	-	<0.61 [13]	-	<0.61 [13]	-
1,2,3-Trichloropropane	1.0 ug/L	<0.64 [13]	-	<0.64 [13]	-	<0.64 [13]	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	<0.54 [13]	-	<0.54 [13]	-	<0.54 [13]	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.79 [13]	-	<0.79 [13]	-	<0.79 [13]	-
1,4-Dichlorobenzene	1.0 ug/L	2.0	-	<0.76 [13]	-	<0.76 [13]	-

LAB #		AA00410-01	AA00410-01RE1	AA00410-02	AA00410-02RE1	AA00410-03	AA00410-03RE 1
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-17	MW-17	MW-15	MW-15	MW-14	MW-14

Volatile Organic Compounds by GCMS (continued)

1,2-Dichlorobenzene	1.0 ug/L	<0.73 [13]	-	<0.73 [13]	-	<0.73 [13]	-
Xylenes (Total)	2.0 ug/L	<1.3 [13]	-	<1.3 [13]	-	<1.3 [13]	-
Dibromofluoromethane	53-146	113%	-	119%	-	109%	-
Toluene-d8	41-146	102%	-	100%	-	106%	-
4-Bromofluorobenzene	41-142	93%	-	103%	-	99%	-

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.020 ug/L	<0.004 [13]	-	<0.004 [13]	-	<0.004 [13]	-
1,2-Dibromo-3-chloropropane	0.020 ug/L	<0.012 [13]	-	<0.012 [13]	-	<0.012 [13]	-
1,1,1,2-Tetrachloroethane	70-130	82%	-	86%	-	87%	-

Metals by EPA 6000/7000 Series Methods (Water)

Mercury	0.200 ug/L	<0.0230 [13]	-	<0.0230 [13]	-	<0.0230 [13]	-
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Metals (total recoverable) by EPA 6000/7000 Series Methods (Water)

Antimony	0.500 ug/L	<2.50 [13]	-	<2.50 [13]	-	<2.50 [13]	-
Arsenic	1.00 ug/L	<6.10 [13]	-	<6.10 [13]	-	<6.10 [13]	-
Barium	10.0 ug/L	<20.0 [13]	-	<20.0 [13]	-	<20.0 [13]	-
Beryllium	0.100 ug/L	<0.940 [13]	-	<0.940 [13]	-	<0.940 [13]	-
Cadmium	0.300 ug/L	<0.900 [13]	-	<0.900 [13]	-	<0.900 [13]	-
Chromium	1.00 ug/L	<4.50 [13]	-	<4.50 [13]	-	<4.50 [13]	-
Cobalt	1.00 ug/L	6.43 [3]	-	<2.10 [13]	-	<2.10 [13]	-
Copper	1.00 ug/L	<2.20 [13]	-	<2.20 [13]	-	<2.20 [13]	-
Iron	5.00 ug/L	-	29600 [1]	7290	-	<38.0 [13]	-
Lead	0.500 ug/L	<1.60 [13]	-	<1.60 [13]	-	<1.60 [13]	-
Nickel	1.00 ug/L	<3.20 [13]	-	<3.20 [13]	-	<3.20 [13]	-
Selenium	1.00 ug/L	<6.50 [13]	-	<6.50 [13]	-	<6.50 [13]	-
Silver	0.100 ug/L	<0.290 [13]	-	<0.290 [13]	-	<0.290 [13]	-
Sodium	0.100 mg/L	-	3.06	-	2.29	-	3.09
Thallium	0.100 ug/L	<0.580 [13]	-	<0.580 [13]	-	<0.580 [13]	-
Vanadium	1.00 ug/L	<2.00 [13]	-	<2.00 [13]	-	2.50 [3]	-
Zinc	5.00 ug/L	<16.0 [13]	-	<16.0 [13]	-	<16.0 [13]	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	0.63 [8]	-	0.037	-	<0.0073 [13]	-
Chloride	5.0 mg/L	3.6 [3]	-	2.8 [3]	-	3.5 [3]	-
Nitrate as N	1.0 mg/L	<0.052 [13]	-	<0.052 [13]	-	<0.052 [13]	-
Total Dissolved Solids	10 mg/L	110	-	60	-	300	-

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	177	-	51	-	507	-
Dissolved Oxygen	0 mg/L	0.18	-	0.17	-	0.34	-
pH	pH Units	5.65	-	4.95	-	6.95	-
Oxidation/Reduction Potential	-999 mV	-42.9	-	52.6	-	71.8	-
Temperature	0 °C	23.6	-	22.2	-	22.8	-
Turbidity	0 NTU	0.51	-	0.51	-	0.27	-
Depth to Water	Ft	105.17	-	117.7	-	102.96	-

LAB #		AA00410-04	-	-	-	-	-
MATRIX	Minimum	WATER	-	-	-	-	-
SAMPLE ID	Reporting Limit	TRIP BLANK 1	-	-	-	-	-

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	<0.82 [13]	-	-	-	-	-
Vinyl chloride	1.0 ug/L	<0.71 [13]	-	-	-	-	-
Bromomethane	1.0 ug/L	<0.95 [13]	-	-	-	-	-
Chloroethane	1.0 ug/L	<0.98 [13]	-	-	-	-	-
Trichlorofluoromethane	1.0 ug/L	<0.94 [13]	-	-	-	-	-
Acetone	20 ug/L	15 [3] [4]	-	-	-	-	-
1,1-Dichloroethene	1.0 ug/L	<0.94 [13]	-	-	-	-	-
Iodomethane	5.0 ug/L	<0.72 [13]	-	-	-	-	-
Carbon disulfide	5.0 ug/L	<2.6 [13]	-	-	-	-	-
Methylene chloride	5.0 ug/L	<2.0 [13]	-	-	-	-	-
Acrylonitrile	10 ug/L	<3.2 [13]	-	-	-	-	-
trans-1,2-Dichloroethene	1.0 ug/L	<0.73 [13]	-	-	-	-	-
cis-1,2-Dichloroethene	1.0 ug/L	<0.53 [13]	-	-	-	-	-
1,1-Dichloroethane	1.0 ug/L	<0.62 [13]	-	-	-	-	-
Vinyl acetate	5.0 ug/L	<0.60 [7] [13]	-	-	-	-	-
2-Butanone	5.0 ug/L	<4.5 [13]	-	-	-	-	-
Chloroform	1.0 ug/L	<0.80 [13]	-	-	-	-	-
Bromochloromethane	1.0 ug/L	<0.94 [13]	-	-	-	-	-
1,1,1-Trichloroethane	1.0 ug/L	<0.80 [13]	-	-	-	-	-
Carbon tetrachloride	1.0 ug/L	<0.94 [13]	-	-	-	-	-
1,2-Dichloroethane	1.0 ug/L	<0.63 [13]	-	-	-	-	-
Benzene	1.0 ug/L	<0.71 [13]	-	-	-	-	-
Trichloroethene	1.0 ug/L	<0.89 [13]	-	-	-	-	-
1,2-Dichloropropane	1.0 ug/L	<0.80 [13]	-	-	-	-	-
Bromodichloromethane	1.0 ug/L	<0.52 [13]	-	-	-	-	-
Dibromomethane	1.0 ug/L	<0.84 [13]	-	-	-	-	-
4-Methyl-2-pentanone	5.0 ug/L	<0.79 [13]	-	-	-	-	-
2-Hexanone	5.0 ug/L	<1.4 [13]	-	-	-	-	-
cis-1,3-Dichloropropene	1.0 ug/L	<0.59 [13]	-	-	-	-	-
Toluene	1.0 ug/L	<0.72 [13]	-	-	-	-	-
trans-1,3-Dichloropropene	1.0 ug/L	<0.73 [13]	-	-	-	-	-
1,1,2-Trichloroethane	1.0 ug/L	<0.76 [13]	-	-	-	-	-
Tetrachloroethene	1.0 ug/L	<0.76 [13]	-	-	-	-	-
Dibromochloromethane	1.0 ug/L	<0.44 [13]	-	-	-	-	-
Chlorobenzene	1.0 ug/L	<0.72 [13]	-	-	-	-	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.61 [13]	-	-	-	-	-
Ethylbenzene	1.0 ug/L	<0.69 [13]	-	-	-	-	-
m,p-Xylenes	2.0 ug/L	<1.3 [13]	-	-	-	-	-
o-Xylene	1.0 ug/L	<0.53 [13]	-	-	-	-	-
Bromoform	1.0 ug/L	<0.75 [13]	-	-	-	-	-
Styrene	1.0 ug/L	<0.61 [13]	-	-	-	-	-
1,2,3-Trichloropropane	1.0 ug/L	<0.64 [13]	-	-	-	-	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	<0.54 [13]	-	-	-	-	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.79 [13]	-	-	-	-	-
1,4-Dichlorobenzene	1.0 ug/L	<0.76 [13]	-	-	-	-	-



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LAB #		AA00410-04	-	-	-	-	-
MATRIX	Minimum	WATER	-	-	-	-	-
SAMPLE ID	Reporting Limit	TRIP BLANK 1	-	-	-	-	-

Volatile Organic Compounds by GCMS (continued)

1,2-Dichlorobenzene	1.0 ug/L	<0.73 [13]	-	-	-	-	-
Xylenes (Total)	2.0 ug/L	<1.3 [13]	-	-	-	-	-
Dibromofluoromethane	53-146	120%	-	-	-	-	-
Toluene-d8	41-146	105%	-	-	-	-	-
4-Bromofluorobenzene	41-142	99%	-	-	-	-	-

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7A26026 - EPA 5030B_MS

Prepared: 01/26/2017 00:00 Analyzed: 01/27/2017 01:48

Blank (7A26026-BLK1)

1,1,1,2-Tetrachloroethane	0.61 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76 U	1.0	ug/L							U
1,1-Dichloroethane	0.62 U	1.0	ug/L							U
1,1-Dichloroethene	0.94 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73 U	1.0	ug/L							U
1,2-Dichloroethane	0.63 U	1.0	ug/L							U
1,2-Dichloropropane	0.80 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76 U	1.0	ug/L							U
2-Butanone	4.5 U	5.0	ug/L							U
2-Hexanone	1.4 U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79 U	5.0	ug/L							U
Acetone	10 U	20	ug/L							U
Acrylonitrile	3.2 U	10	ug/L							U
Benzene	0.71 U	1.0	ug/L							U
Bromochloromethane	0.94 U	1.0	ug/L							U
Bromodichloromethane	0.52 U	1.0	ug/L							U
Bromoform	0.75 U	1.0	ug/L							U
Bromomethane	0.95 U	1.0	ug/L							U
Carbon disulfide	2.6 U	5.0	ug/L							U
Carbon tetrachloride	0.94 U	1.0	ug/L							U
Chlorobenzene	0.72 U	1.0	ug/L							U
Chloroethane	0.98 U	1.0	ug/L							U
Chloroform	0.80 U	1.0	ug/L							U
Chloromethane	0.82 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59 U	1.0	ug/L							U
Dibromochloromethane	0.44 U	1.0	ug/L							U
Dibromomethane	0.84 U	1.0	ug/L							U
Ethylbenzene	0.69 U	1.0	ug/L							U
Iodomethane	0.72 U	5.0	ug/L							U
m,p-Xylenes	1.3 U	2.0	ug/L							U
Methylene chloride	2.0 U	5.0	ug/L							U
o-Xylene	0.53 U	1.0	ug/L							U
Styrene	0.61 U	1.0	ug/L							U
Tetrachloroethene	0.76 U	1.0	ug/L							U
Toluene	0.72 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79 U	1.0	ug/L							U
Trichloroethene	0.89 U	1.0	ug/L							U
Trichlorofluoromethane	0.94 U	1.0	ug/L							U
Vinyl acetate	0.60 U	5.0	ug/L							U
Vinyl chloride	0.71 U	1.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatiles Organic Compounds by GCMS - Quality Control

Batch 7A26026 - EPA 5030B_MS

Blank (7A26026-BLK1) Continued

Prepared: 01/26/2017 00:00 Analyzed: 01/27/2017 01:48

Xylenes (Total)	1.3 U	2.0	ug/L							U
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.0		99	41-142			
Surrogate: Dibromofluoromethane	60		ug/L	50.0		120	53-146			
Surrogate: Toluene-d8	51		ug/L	50.0		103	41-146			

LCS (7A26026-BS1)

Prepared: 01/26/2017 00:00 Analyzed: 01/26/2017 23:16

1,1-Dichloroethene	21	1.0	ug/L	20.0		107	47-139			
Benzene	21	1.0	ug/L	20.0		106	56-136			
Chlorobenzene	20	1.0	ug/L	20.0		98	51-139			
Toluene	22	1.0	ug/L	20.0		109	64-131			
Trichloroethene	20	1.0	ug/L	20.0		98	62-135			

Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		97	41-142			
Surrogate: Dibromofluoromethane	60		ug/L	50.0		119	53-146			
Surrogate: Toluene-d8	51		ug/L	50.0		102	41-146			

Matrix Spike (7A26026-MS1)

Source: AA00486-04

Prepared: 01/26/2017 00:00 Analyzed: 01/26/2017 23:47

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.94 U	117	47-139			
Benzene	23	1.0	ug/L	20.0	0.71 U	114	56-136			
Chlorobenzene	22	1.0	ug/L	20.0	0.72 U	109	51-139			
Toluene	24	1.0	ug/L	20.0	0.72 U	121	64-131			
Trichloroethene	20	1.0	ug/L	20.0	0.89 U	101	62-135			

Surrogate: 4-Bromofluorobenzene	51		ug/L	50.0		102	41-142			
Surrogate: Dibromofluoromethane	63		ug/L	50.0		126	53-146			
Surrogate: Toluene-d8	50		ug/L	50.0		101	41-146			

Matrix Spike Dup (7A26026-MSD1)

Source: AA00486-04

Prepared: 01/26/2017 00:00 Analyzed: 01/27/2017 00:17

1,1-Dichloroethene	24	1.0	ug/L	20.0	0.94 U	120	47-139	3	16	
Benzene	23	1.0	ug/L	20.0	0.71 U	115	56-136	1	14	
Chlorobenzene	20	1.0	ug/L	20.0	0.72 U	102	51-139	7	13	
Toluene	23	1.0	ug/L	20.0	0.72 U	114	64-131	5	16	
Trichloroethene	21	1.0	ug/L	20.0	0.89 U	104	62-135	2	20	

Surrogate: 4-Bromofluorobenzene	51		ug/L	50.0		102	41-142			
Surrogate: Dibromofluoromethane	63		ug/L	50.0		126	53-146			
Surrogate: Toluene-d8	51		ug/L	50.0		102	41-146			

Batch 7A27007 - EPA 5030B_MS

Blank (7A27007-BLK1)

Prepared: 01/27/2017 00:00 Analyzed: 01/27/2017 11:57

1,1,1,2-Tetrachloroethane	0.61 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76 U	1.0	ug/L							U
1,1-Dichloroethane	0.62 U	1.0	ug/L							U
1,1-Dichloroethene	0.94 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73 U	1.0	ug/L							U
1,2-Dichloroethane	0.63 U	1.0	ug/L							U
1,2-Dichloropropane	0.80 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76 U	1.0	ug/L							U
2-Butanone	4.5 U	5.0	ug/L							U
2-Hexanone	1.4 U	5.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatiles Organic Compounds by GCMS - Quality Control

Batch 7A27007 - EPA 5030B_MS

Blank (7A27007-BLK1) Continued

Prepared: 01/27/2017 00:00 Analyzed: 01/27/2017 11:57

4-Methyl-2-pentanone	0.79 U	5.0	ug/L							U
Acetone	10 U	20	ug/L							U
Acrylonitrile	3.2 U	10	ug/L							U
Benzene	0.71 U	1.0	ug/L							U
Bromochloromethane	0.94 U	1.0	ug/L							U
Bromodichloromethane	0.52 U	1.0	ug/L							U
Bromoform	0.75 U	1.0	ug/L							U
Bromomethane	0.95 U	1.0	ug/L							U
Carbon disulfide	2.6 U	5.0	ug/L							U
Carbon tetrachloride	0.94 U	1.0	ug/L							U
Chlorobenzene	0.72 U	1.0	ug/L							U
Chloroethane	0.98 U	1.0	ug/L							U
Chloroform	0.80 U	1.0	ug/L							U
Chloromethane	0.82 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59 U	1.0	ug/L							U
Dibromochloromethane	0.44 U	1.0	ug/L							U
Dibromomethane	0.84 U	1.0	ug/L							U
Ethylbenzene	0.69 U	1.0	ug/L							U
Iodomethane	0.72 U	5.0	ug/L							U
m,p-Xylenes	1.3 U	2.0	ug/L							U
Methylene chloride	2.0 U	5.0	ug/L							U
o-Xylene	0.53 U	1.0	ug/L							U
Styrene	0.61 U	1.0	ug/L							U
Tetrachloroethene	0.76 U	1.0	ug/L							U
Toluene	0.72 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79 U	1.0	ug/L							U
Trichloroethene	0.89 U	1.0	ug/L							U
Trichlorofluoromethane	0.94 U	1.0	ug/L							U
Vinyl acetate	0.60 U	5.0	ug/L							U
Vinyl chloride	0.71 U	1.0	ug/L							U
Xylenes (Total)	1.3 U	2.0	ug/L							U

Surrogate: 4-Bromofluorobenzene	47	ug/L	50.0	93	41-142
Surrogate: Dibromofluoromethane	43	ug/L	50.0	86	53-146
Surrogate: Toluene-d8	45	ug/L	50.0	91	41-146

LCS (7A27007-BS1)

Prepared: 01/27/2017 00:00 Analyzed: 01/27/2017 09:33

1,1-Dichloroethene	20	1.0	ug/L	20.0	100	47-139
Benzene	19	1.0	ug/L	20.0	97	56-136
Chlorobenzene	21	1.0	ug/L	20.0	103	51-139
Toluene	21	1.0	ug/L	20.0	107	64-131
Trichloroethene	20	1.0	ug/L	20.0	99	62-135

Surrogate: 4-Bromofluorobenzene	49	ug/L	50.0	98	41-142
Surrogate: Dibromofluoromethane	42	ug/L	50.0	85	53-146
Surrogate: Toluene-d8	46	ug/L	50.0	93	41-146

Matrix Spike (7A27007-MS1)

Source: AA00168-01

Prepared: 01/27/2017 00:00 Analyzed: 01/27/2017 15:48

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.94 U	114	47-139
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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7A27007 - EPA 5030B_MS

Matrix Spike (7A27007-MS1) Continued Source: AA00168-01 Prepared: 01/27/2017 00:00 Analyzed: 01/27/2017 15:48

Benzene	21	1.0	ug/L	20.0	0.71 U	104	56-136			
Chlorobenzene	22	1.0	ug/L	20.0	0.72 U	108	51-139			
Toluene	22	1.0	ug/L	20.0	0.72 U	112	64-131			
Trichloroethene	21	1.0	ug/L	20.0	0.89 U	104	62-135			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		98	41-142			
Surrogate: Dibromofluoromethane	45		ug/L	50.0		90	53-146			
Surrogate: Toluene-d8	47		ug/L	50.0		94	41-146			

Matrix Spike Dup (7A27007-MSD1) Source: AA00168-01 Prepared: 01/27/2017 00:00 Analyzed: 01/27/2017 16:16

1,1-Dichloroethene	22	1.0	ug/L	20.0	0.94 U	110	47-139	3	16	
Benzene	21	1.0	ug/L	20.0	0.71 U	104	56-136	0.5	14	
Chlorobenzene	22	1.0	ug/L	20.0	0.72 U	108	51-139	0.1	13	
Toluene	22	1.0	ug/L	20.0	0.72 U	111	64-131	1	16	
Trichloroethene	21	1.0	ug/L	20.0	0.89 U	105	62-135	0.5	20	
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.0		99	41-142			
Surrogate: Dibromofluoromethane	44		ug/L	50.0		88	53-146			
Surrogate: Toluene-d8	47		ug/L	50.0		94	41-146			

Semivolatile Organic Compounds by GC - Quality Control

Batch 7A30005 - EPA 504/8011

Blank (7A30005-BLK1) Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 11:29

1,2-Dibromo-3-chloropropane	0.012 U	0.020	ug/L							U
1,2-Dibromoethane	0.004 U	0.020	ug/L							U
Surrogate: 1,1,1,2-Tetrachloroethane	0.21		ug/L	0.250		86	70-130			

LCS (7A30005-BS1) Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 11:47

1,2-Dibromo-3-chloropropane	0.21	0.020	ug/L	0.250		83	61-139			
1,2-Dibromoethane	0.18	0.020	ug/L	0.250		74	65-133			
Surrogate: 1,1,1,2-Tetrachloroethane	0.20		ug/L	0.250		78	70-130			

Matrix Spike (7A30005-MS1) Source: AA00659-01 Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:05

1,2-Dibromo-3-chloropropane	0.20	0.020	ug/L	0.250	0.012 U	80	61-139			
1,2-Dibromoethane	0.19	0.020	ug/L	0.250	0.004 U	78	65-133			
Surrogate: 1,1,1,2-Tetrachloroethane	0.20		ug/L	0.250		81	70-130			

Matrix Spike Dup (7A30005-MSD1) Source: AA00659-01 Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:24

1,2-Dibromo-3-chloropropane	0.20	0.020	ug/L	0.250	0.012 U	80	61-139	0	12	
1,2-Dibromoethane	0.18	0.020	ug/L	0.250	0.004 U	74	65-133	5	17	
Surrogate: 1,1,1,2-Tetrachloroethane	0.21		ug/L	0.250		84	70-130			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A23011 - EPA 7470A

Blank (7A23011-BLK1) Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:04

Mercury	0.0230 U	0.200	ug/L							U
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Blank (7A23011-BLK2) Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:07

Mercury	0.230 U	2.00	ug/L							U
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Blank (7A23011-BLK3) Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:10

Mercury	0.230 U	2.00	ug/L							U
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LCS (7A23011-BS1) Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:13

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A23011 - EPA 7470A

LCS (7A23011-BS1) Continued

Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:13

Mercury	4.86	0.200	ug/L	5.00		97	80-120			
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Matrix Spike (7A23011-MS1)

Source: AA00410-01

Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:19

Mercury	4.95	0.200	ug/L	5.00	0.0230 U	99	75-125			
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Matrix Spike Dup (7A23011-MSD1)

Source: AA00410-01

Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:22

Mercury	4.90	0.200	ug/L	5.00	0.0230 U	98	75-125	1	20	
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Post Spike (7A23011-PS1)

Source: AA00410-01

Prepared: 01/31/2017 06:00 Analyzed: 01/31/2017 07:25

Mercury	5.12	0.200	ug/L	5.61	-0.00149	91	80-120			
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A24023 - EPA 3005A

Blank (7A24023-BLK1)

Prepared: 01/25/2017 08:33 Analyzed: 01/25/2017 11:27

Antimony	2.50 U	5.00	ug/L							U
Arsenic	6.10 U	10.0	ug/L							U
Barium	20.0 U	100	ug/L							U
Beryllium	0.940 U	1.00	ug/L							U
Cadmium	0.900 U	3.00	ug/L							U
Chromium	4.50 U	10.0	ug/L							U
Cobalt	2.10 U	10.0	ug/L							U
Copper	2.20 U	10.0	ug/L							U
Iron	38.0 U	50.0	ug/L							U
Lead	1.60 U	5.00	ug/L							U
Nickel	3.20 U	10.0	ug/L							U
Selenium	6.50 U	10.0	ug/L							U
Silver	0.290 U	1.00	ug/L							U
Sodium	0.320 U	1.00	mg/L							QV-01, U
Thallium	0.580 U	1.00	ug/L							U
Vanadium	2.00 U	10.0	ug/L							U
Zinc	16.0 U	50.0	ug/L							U

Blank (7A24023-BLK2)

Prepared: 01/25/2017 08:33 Analyzed: 01/25/2017 11:31

Antimony	0.250 U	0.500	ug/L							U
Arsenic	0.610 U	1.00	ug/L							U
Barium	2.00 U	10.0	ug/L							U
Beryllium	0.0940 U	0.100	ug/L							U
Cadmium	0.0900 U	0.300	ug/L							U
Chromium	0.450 U	1.00	ug/L							U
Cobalt	0.210 U	1.00	ug/L							U
Copper	0.220 U	1.00	ug/L							U
Iron	3.80 U	5.00	ug/L							U
Lead	0.160 U	0.500	ug/L							U
Nickel	0.320 U	1.00	ug/L							U
Selenium	0.650 U	1.00	ug/L							U
Silver	0.0290 U	0.100	ug/L							U
Sodium	0.0320 U	0.100	mg/L							QV-01, U
Thallium	0.0580 U	0.100	ug/L							U
Vanadium	0.200 U	1.00	ug/L							U
Zinc	1.60 U	5.00	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A24023 - EPA 3005A

LCS (7A24023-BS1)

Prepared: 01/25/2017 08:33 Analyzed: 01/25/2017 11:34

Antimony	50.3	5.00	ug/L	50.0		101	80-120
Arsenic	513	10.0	ug/L	500		103	80-120
Barium	499	100	ug/L	500		100	80-120
Beryllium	48.2	1.00	ug/L	50.0		96	80-120
Cadmium	49.2	3.00	ug/L	50.0		98	80-120
Chromium	508	10.0	ug/L	500		102	80-120
Cobalt	502	10.0	ug/L	500		100	80-120
Copper	498	10.0	ug/L	500		100	80-120
Iron	1040	50.0	ug/L	1000		104	80-120
Lead	498	5.00	ug/L	500		100	80-120
Nickel	506	10.0	ug/L	500		101	80-120
Selenium	475	10.0	ug/L	500		95	80-120
Silver	49.5	1.00	ug/L	50.0		99	80-120
Thallium	50.7	1.00	ug/L	50.0		101	80-120
Vanadium	500	10.0	ug/L	500		100	80-120
Zinc	474	50.0	ug/L	500		95	80-120

LCS (7A24023-BS2)

Prepared: 01/25/2017 08:33 Analyzed: 01/26/2017 08:18

Sodium	23.9	1.00	mg/L	25.0		96	80-120
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Matrix Spike (7A24023-MS1)

Source: AA00410-03

Prepared: 01/25/2017 08:33 Analyzed: 01/25/2017 11:41

Antimony	49.9	5.00	ug/L	50.0	2.50 U	100	75-125
Arsenic	515	10.0	ug/L	500	6.10 U	103	75-125
Barium	510	100	ug/L	500	20.0 U	102	75-125
Beryllium	48.7	1.00	ug/L	50.0	0.940 U	97	75-125
Cadmium	49.1	3.00	ug/L	50.0	0.900 U	98	75-125
Chromium	498	10.0	ug/L	500	4.50 U	100	75-125
Cobalt	481	10.0	ug/L	500	2.10 U	96	75-125
Copper	483	10.0	ug/L	500	2.20 U	97	75-125
Iron	1060	50.0	ug/L	1000	38.0 U	106	75-125
Lead	488	5.00	ug/L	500	1.60 U	98	75-125
Nickel	492	10.0	ug/L	500	3.20 U	98	75-125
Selenium	492	10.0	ug/L	500	6.50 U	98	75-125
Silver	49.2	1.00	ug/L	50.0	0.290 U	98	75-125
Thallium	50.6	1.00	ug/L	50.0	0.580 U	101	75-125
Vanadium	507	10.0	ug/L	500	2.50	101	75-125
Zinc	477	50.0	ug/L	500	16.0 U	95	75-125

Matrix Spike (7A24023-MS2)

Source: AA00410-03RE1

Prepared: 01/25/2017 08:33 Analyzed: 01/26/2017 08:39

Sodium	27.0	1.00	mg/L	25.0	3.09	95	75-125
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Matrix Spike Dup (7A24023-MSD1)

Source: AA00410-03

Prepared: 01/25/2017 08:33 Analyzed: 01/25/2017 11:45

Antimony	50.2	5.00	ug/L	50.0	2.50 U	100	75-125	0.4	20
Arsenic	502	10.0	ug/L	500	6.10 U	100	75-125	3	20
Barium	511	100	ug/L	500	20.0 U	102	75-125	0.3	20
Beryllium	47.1	1.00	ug/L	50.0	0.940 U	94	75-125	3	20
Cadmium	48.8	3.00	ug/L	50.0	0.900 U	98	75-125	0.5	20
Chromium	496	10.0	ug/L	500	4.50 U	99	75-125	0.4	20
Cobalt	486	10.0	ug/L	500	2.10 U	97	75-125	1	20
Copper	496	10.0	ug/L	500	2.20 U	99	75-125	3	20
Iron	1040	50.0	ug/L	1000	38.0 U	104	75-125	1	20
Lead	492	5.00	ug/L	500	1.60 U	98	75-125	0.9	20

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A24023 - EPA 3005A

Matrix Spike Dup (7A24023-MSD1) Continued				Source: AA00410-03		Prepared: 01/25/2017 08:33 Analyzed: 01/25/2017 11:45				
Nickel	507	10.0	ug/L	500	3.20 U	101	75-125	3	20	
Selenium	486	10.0	ug/L	500	6.50 U	97	75-125	1	20	
Silver	48.8	1.00	ug/L	50.0	0.290 U	98	75-125	0.8	20	
Thallium	50.5	1.00	ug/L	50.0	0.580 U	101	75-125	0.2	20	
Vanadium	504	10.0	ug/L	500	2.50	100	75-125	0.8	20	
Zinc	482	50.0	ug/L	500	16.0 U	96	75-125	1	20	
Matrix Spike Dup (7A24023-MSD2)				Source: AA00410-03RE1		Prepared: 01/25/2017 08:33 Analyzed: 01/26/2017 08:40				
Sodium	27.4	1.00	mg/L	25.0	3.09	97	75-125	2	20	
Post Spike (7A24023-PS1)				Source: AA00410-03		Prepared: 01/25/2017 11:00 Analyzed: 01/25/2017 11:52				
Antimony	4.95	0.500	ug/L	4.90	-0.0228	101	80-120			
Arsenic	47.7	1.00	ug/L	49.0	-0.0494	97	80-120			
Barium	48.7	10.0	ug/L	49.0	0.731	98	80-120			
Beryllium	4.75	0.100	ug/L	4.90	0.00127	97	80-120			
Cadmium	4.65	0.300	ug/L	4.90	0.00725	95	80-120			
Chromium	47.3	1.00	ug/L	49.0	-0.0287	96	80-120			
Cobalt	45.7	1.00	ug/L	49.0	0.125	93	80-120			
Copper	46.4	1.00	ug/L	49.0	0.0270	95	80-120			
Iron	98.1	5.00	ug/L	98.0	1.91	98	80-120			
Lead	45.6	0.500	ug/L	49.0	-0.0103	93	80-120			
Nickel	46.8	1.00	ug/L	49.0	0.0644	95	80-120			
Selenium	47.4	1.00	ug/L	49.0	0.169	96	80-120			
Silver	4.80	0.100	ug/L	4.90	-0.0102	98	80-120			
Thallium	4.69	0.100	ug/L	4.90	-0.0165	96	80-120			
Vanadium	47.8	1.00	ug/L	49.0	0.245	97	80-120			
Zinc	44.7	5.00	ug/L	49.0	0.416	90	80-120			
Post Spike (7A24023-PS2)				Source: AA00410-03RE1		Prepared: 01/26/2017 08:15 Analyzed: 01/26/2017 08:20				
Sodium	2570	100	ug/L	2480	306	91	80-120			

Classical Chemistry Parameters - Quality Control

Batch 7A24017 - NO PREP

Blank (7A24017-BLK1)				Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 11:54						
Chloride	0.29 U	5.0	mg/L							U
Nitrate as N	0.052 U	1.0	mg/L							U
LCS (7A24017-BS1)				Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 12:10						
Chloride	52	5.0	mg/L	50.0		105	90-110			
Nitrate as N	27	1.0	mg/L	25.0		109	90-110			
Matrix Spike (7A24017-MS1)				Source: AA00410-02		Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 15:33				
Chloride	53	5.0	mg/L	50.0	2.8	100	90-110			
Nitrate as N	24	1.0	mg/L	25.0	0.052 U	97	90-110			
Matrix Spike (7A24017-MS2)				Source: AA00508-01		Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 18:46				
Chloride	63	5.0	mg/L	50.0	12	104	90-110			
Nitrate as N	26	1.0	mg/L	25.0	0.10	102	90-110			
Matrix Spike Dup (7A24017-MSD1)				Source: AA00410-02		Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 15:49				
Chloride	53	5.0	mg/L	50.0	2.8	101	90-110	0.6	10	
Nitrate as N	25	1.0	mg/L	25.0	0.052 U	101	90-110	4	10	
Matrix Spike Dup (7A24017-MSD2)				Source: AA00508-01		Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 19:02				
Chloride	65	5.0	mg/L	50.0	12	108	90-110	3	10	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
Classical Chemistry Parameters - Quality Control										
<i>Batch 7A24017 - NO PREP</i>										
Matrix Spike Dup (7A24017-MSD2) Continued				Source: AA00508-01		Prepared: 01/24/2017 10:55 Analyzed: 01/24/2017 19:02				
Nitrate as N	27	1.0	mg/L	25.0	0.10	106	90-110	4	10	
<i>Batch 7A24029 - NO PREP</i>										
Blank (7A24029-BLK1)				Prepared: 01/24/2017 16:58 Analyzed: 01/25/2017 21:25						
Total Dissolved Solids	10 U	10	mg/L							U
LCS (7A24029-BS1)				Prepared: 01/24/2017 16:58 Analyzed: 01/25/2017 21:25						
Total Dissolved Solids	970	10	mg/L	1000		97	90-110			
Duplicate (7A24029-DUP1)				Source: AA00001-01		Prepared: 01/24/2017 16:58 Analyzed: 01/25/2017 21:25				
Total Dissolved Solids	770	10	mg/L	780				2	5	
<i>Batch 7A27008 - NO PREP</i>										
Blank (7A27008-BLK1)				Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:13						
Ammonia as N	0.0073 U	0.020	mg/L							U
LCS (7A27008-BS1)				Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:14						
Ammonia as N	1.0	0.020	mg/L	1.00		100	90-110			
Matrix Spike (7A27008-MS1)				Source: AA00410-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:17				
Ammonia as N	1.5	0.020	mg/L	1.00	0.63	90	90-110			
Matrix Spike (7A27008-MS2)				Source: AA00641-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:33				
Ammonia as N	0.96	0.020	mg/L	1.00	0.0073 U	96	90-110			
Matrix Spike Dup (7A27008-MSD1)				Source: AA00410-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:18				
Ammonia as N	1.5	0.020	mg/L	1.00	0.63	87	90-110	2	10	QM-07

Special Notes

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
P	Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
[1] D = D =	Data reported from a dilution
[3] I = J =	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
[4] O-01 = O-01 =	This compound is a common laboratory contaminant.
[7] QL-02 = QL-02 =	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
[8] QM-0' = QM-07 =	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
[12] QV-01 = QV-01 =	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.
[13] U = U =	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1 FL	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020A	Water	NELAC	E83182
Arsenic Total EPA 6020A	Water	NELAC	E83182
Barium Total EPA 6020A	Water	NELAC	E83182
Beryllium Total EPA 6020A	Water	NELAC	E83182
Cadmium Total EPA 6020A	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020A	Water	NELAC	E83182
Cobalt Total EPA 6020A	Water	NELAC	E83182
Copper Total EPA 6020A	Water	NELAC	E83182
Iron Total EPA 6020A	Water	NELAC	E83182
Lead Total EPA 6020A	Water	NELAC	E83182
Mercury Total EPA 7000 (Update IV)	Water	NELAC	E83182
Nickel Total EPA 6020A	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Selenium Total EPA 6020A	Water	NELAC	E83182
Silver Total EPA 6020A	Water	NELAC	E83182
Sodium Total EPA 6020A	Water	NELAC	E83182
TDS SM2540C	Water	NELAC	E83182
Thallium Total EPA 6020A	Water	NELAC	E83182
Vanadium Total EPA 6020A	Water	NELAC	E83182
Zinc Total EPA 6020A	Water	NELAC	E83182



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Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Tuesday, February 28, 2017

Jones Edmunds & Associates, Inc. (JO006)

Attn: Elizabeth Kennelley

730 N.E.Waldo Road Bldg.A

Gainesville, FL 32641

RE: Laboratory Results for

Project Number: 03860-056-01, Project Name/Desc: Citrus Co. LF

ENCO Workorder(s): AA00583

Dear Elizabeth Kennelley,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, January 25, 2017.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

David Camacho

Project Manager

Enclosure(s)

LAB #		AA00583-01	AA00583-02	AA00583-03	AA00583-04	AA00583-05	AA00583-06
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	WATER
SAMPLE ID	Reporting Limit	MW-11	MW-12	MW-13	MW-7	MW-3	TRIP BLANK 2

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	<0.82 [12]	2.6	<0.82 [12]	<0.82 [12]	2.3	<0.82 [12]
Vinyl chloride	1.0 ug/L	<0.71 [12]	<0.71 [12]	<0.71 [12]	<0.71 [12]	<0.71 [12]	<0.71 [12]
Bromomethane	1.0 ug/L	<0.95 [12]	<0.95 [12]	<0.95 [12]	<0.95 [12]	<0.95 [12]	<0.95 [12]
Chloroethane	1.0 ug/L	<0.98 [12]	<0.98 [12]	<0.98 [12]	<0.98 [12]	<0.98 [12]	<0.98 [12]
Trichlorofluoromethane	1.0 ug/L	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]
Acetone	20 ug/L	17 [3] [4]	28 [4]	<10 [12]	28 [4]	34 [4]	<10 [12]
1,1-Dichloroethene	1.0 ug/L	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]
Iodomethane	5.0 ug/L	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]
Carbon disulfide	5.0 ug/L	<2.6 [12]	<2.6 [12]	<2.6 [12]	<2.6 [12]	<2.6 [12]	<2.6 [12]
Methylene chloride	5.0 ug/L	<2.0 [12]	<2.0 [12]	<2.0 [12]	<2.0 [12]	<2.0 [12]	<2.0 [12]
Acrylonitrile	10 ug/L	<3.2 [12]	<3.2 [12]	<3.2 [12]	<3.2 [12]	<3.2 [12]	<3.2 [12]
trans-1,2-Dichloroethene	1.0 ug/L	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]
cis-1,2-Dichloroethene	1.0 ug/L	<0.53 [12]	<0.53 [12]	<0.53 [12]	<0.53 [12]	<0.53 [12]	<0.53 [12]
1,1-Dichloroethane	1.0 ug/L	<0.62 [12]	<0.62 [12]	<0.62 [12]	<0.62 [12]	<0.62 [12]	<0.62 [12]
Vinyl acetate	5.0 ug/L	<0.60 [7] [12]	<0.60 [7] [12]	<0.60 [7] [12]	<0.60 [7] [12]	<0.60 [7] [12]	<0.60 [7] [12]
2-Butanone	5.0 ug/L	<4.5 [12]	<4.5 [12]	<4.5 [12]	<4.5 [12]	<4.5 [12]	<4.5 [12]
Chloroform	1.0 ug/L	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]
Bromochloromethane	1.0 ug/L	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]
1,1,1-Trichloroethane	1.0 ug/L	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]
Carbon tetrachloride	1.0 ug/L	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]	<0.94 [12]
1,2-Dichloroethane	1.0 ug/L	<0.63 [12]	<0.63 [12]	<0.63 [12]	<0.63 [12]	<0.63 [12]	<0.63 [12]
Benzene	1.0 ug/L	<0.71 [12]	<0.71 [12]	<0.71 [12]	2.7	<0.71 [12]	<0.71 [12]
Trichloroethene	1.0 ug/L	<0.89 [12]	<0.89 [12]	<0.89 [12]	<0.89 [12]	<0.89 [12]	<0.89 [12]
1,2-Dichloropropane	1.0 ug/L	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]	<0.80 [12]
Bromodichloromethane	1.0 ug/L	<0.52 [12]	<0.52 [12]	<0.52 [12]	<0.52 [12]	<0.52 [12]	<0.52 [12]
Dibromomethane	1.0 ug/L	<0.84 [12]	<0.84 [12]	<0.84 [12]	<0.84 [12]	<0.84 [12]	<0.84 [12]
4-Methyl-2-pentanone	5.0 ug/L	<0.79 [12]	<0.79 [12]	<0.79 [12]	<0.79 [12]	<0.79 [12]	<0.79 [12]
2-Hexanone	5.0 ug/L	<1.4 [12]	<1.4 [12]	<1.4 [12]	<1.4 [12]	<1.4 [12]	<1.4 [12]
cis-1,3-Dichloropropene	1.0 ug/L	<0.59 [12]	<0.59 [12]	<0.59 [12]	<0.59 [12]	<0.59 [12]	<0.59 [12]
Toluene	1.0 ug/L	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]
trans-1,3-Dichloropropene	1.0 ug/L	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]
1,1,2-Trichloroethane	1.0 ug/L	<0.76 [12]	<0.76 [12]	<0.76 [12]	<0.76 [12]	<0.76 [12]	<0.76 [12]
Tetrachloroethene	1.0 ug/L	<0.76 [12]	<0.76 [12]	<0.76 [12]	<0.76 [12]	<0.76 [12]	<0.76 [12]
Dibromochloromethane	1.0 ug/L	<0.44 [12]	<0.44 [12]	<0.44 [12]	<0.44 [12]	<0.44 [12]	<0.44 [12]
Chlorobenzene	1.0 ug/L	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]	<0.72 [12]
1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.61 [12]	<0.61 [12]	<0.61 [12]	<0.61 [12]	<0.61 [12]	<0.61 [12]
Ethylbenzene	1.0 ug/L	<0.69 [12]	<0.69 [12]	<0.69 [12]	1.8	<0.69 [12]	<0.69 [12]
m,p-Xylenes	2.0 ug/L	<1.3 [12]	<1.3 [12]	<1.3 [12]	<1.3 [12]	<1.3 [12]	<1.3 [12]
o-Xylene	1.0 ug/L	<0.53 [12]	<0.53 [12]	<0.53 [12]	<0.53 [12]	<0.53 [12]	<0.53 [12]
Bromoform	1.0 ug/L	<0.75 [12]	<0.75 [12]	<0.75 [12]	<0.75 [12]	<0.75 [12]	<0.75 [12]
Styrene	1.0 ug/L	<0.61 [12]	<0.61 [12]	<0.61 [12]	<0.61 [12]	<0.61 [12]	<0.61 [12]
1,2,3-Trichloropropane	1.0 ug/L	<0.64 [12]	<0.64 [12]	<0.64 [12]	<0.64 [12]	<0.64 [12]	<0.64 [12]
1,1,2,2-Tetrachloroethane	1.0 ug/L	<0.54 [12]	<0.54 [12]	<0.54 [12]	<0.54 [12]	<0.54 [12]	<0.54 [12]
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.79 [12]	<0.79 [12]	<0.79 [12]	<0.79 [12]	<0.79 [12]	<0.79 [12]
1,4-Dichlorobenzene	1.0 ug/L	<0.76 [12]	<0.76 [12]	<0.76 [12]	3.1	<0.76 [12]	<0.76 [12]

LAB #		AA00583-01	AA00583-02	AA00583-03	AA00583-04	AA00583-05	AA00583-06
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	WATER
SAMPLE ID	Reporting Limit	MW-11	MW-12	MW-13	MW-7	MW-3	TRIP BLANK 2

Volatile Organic Compounds by GCMS (continued)

1,2-Dichlorobenzene	1.0 ug/L	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]	<0.73 [12]
Xylenes (Total)	2.0 ug/L	<1.3 [12]	<1.3 [12]	<1.3 [12]	<1.3 [12]	<1.3 [12]	<1.3 [12]
Dibromofluoromethane	53-146	122%	116%	111%	116%	117%	116%
Toluene-d8	41-146	103%	106%	106%	104%	105%	107%
4-Bromofluorobenzene	41-142	97%	100%	107%	97%	97%	99%

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.020 ug/L	<0.004 [12]	<0.004 [12]	<0.004 [12]	<0.004 [12]	<0.004 [12]	-
1,2-Dibromo-3-chloropropane	0.020 ug/L	<0.012 [12]	<0.012 [12]	<0.012 [12]	<0.012 [12]	<0.012 [12]	-
1,1,1,2-Tetrachloroethane	70-130	86%	84%	88%	86%	84%	-

Metals by EPA 6000/7000 Series Methods (Water)

Mercury	0.200 ug/L	<0.0230 [12]	<0.0230 [12]	0.0902 [3]	0.0276 [3]	<0.0230 [12]	-
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Metals (total recoverable) by EPA 6000/7000 Series Methods (Water)

Antimony	0.500 ug/L	<2.50 [12]	<2.50 [12]	<2.50 [12]	<2.50 [12]	<2.50 [12]	-
Arsenic	1.00 ug/L	<6.10 [12]	<6.10 [12]	<6.10 [12]	7.34 [3]	<6.10 [12]	-
Barium	10.0 ug/L	26.8 [3]	32.6 [3]	<20.0 [12]	<20.0 [12]	31.1 [3]	-
Beryllium	0.100 ug/L	<0.940 [12]	<0.940 [12]	<0.940 [12]	<0.940 [12]	<0.940 [12]	-
Cadmium	0.300 ug/L	<0.900 [12]	<0.900 [12]	<0.900 [12]	<0.900 [12]	<0.900 [12]	-
Chromium	1.00 ug/L	<4.50 [12]	<4.50 [12]	<4.50 [12]	<4.50 [12]	<4.50 [12]	-
Cobalt	1.00 ug/L	<2.10 [12]	<2.10 [12]	4.83 [3]	<2.10 [12]	<2.10 [12]	-
Copper	1.00 ug/L	<2.20 [12]	<2.20 [12]	<2.20 [12]	17.6	57.7	-
Iron	5.00 ug/L	<38.0 [12]	5440	2860	1030	<38.0 [12]	-
Lead	0.500 ug/L	<1.60 [12]	<1.60 [12]	<1.60 [12]	2.44 [3]	5.24	-
Nickel	1.00 ug/L	<3.20 [12]	3.48 [3]	3.38 [3]	8.23 [3]	5.62 [3]	-
Selenium	1.00 ug/L	<6.50 [12]	<6.50 [12]	<6.50 [12]	<6.50 [12]	<6.50 [12]	-
Silver	0.100 ug/L	<0.290 [12]	<0.290 [12]	<0.290 [12]	<0.290 [12]	<0.290 [12]	-
Sodium	0.100 mg/L	3.38	2.62	1.76	9.69	8.42	-
Thallium	0.100 ug/L	1.20	<0.580 [12]	<0.580 [12]	<0.580 [12]	<0.580 [12]	-
Vanadium	1.00 ug/L	<2.00 [12]	<2.00 [12]	<2.00 [12]	<2.00 [12]	<2.00 [12]	-
Zinc	5.00 ug/L	<16.0 [12]	<16.0 [12]	<16.0 [12]	130	70.2	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	<0.0073 [12]	0.50	<0.0073 [12]	0.013 [3]	<0.0073 [12]	-
Chloride	5.0 mg/L	6.3	3.4 [3]	4.3 [3]	6.5	12	-
Nitrate as N	1.0 mg/L	<0.052 [12]	<0.052 [12]	<0.052 [12]	<0.052 [12]	11	-
Total Dissolved Solids	10 mg/L	270	340	60	76	120	-

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	473	597	68	100	82	-
Dissolved Oxygen	0 mg/L	0.48	0.25	0.41	1.02	6.13	-
pH	pH Units	7.08	6.83	5.42	5.24	4.93	-
Oxidation/Reduction Potential	-999 mV	209.7	-85.3	72.7	132.5	339.5	-
Temperature	0 °C	23	23.1	23	22.9	21.5	-
Turbidity	0 NTU	1.17	2.53	2.34	1.05	0.19	-
Depth to Water	Ft	99.13	97.72	106.22	121.66	113.38	-

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7A26026 - EPA 5030B_MS

Prepared: 01/26/2017 00:00 Analyzed: 01/27/2017 01:48

Blank (7A26026-BLK1)

1,1,1,2-Tetrachloroethane	0.61 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76 U	1.0	ug/L							U
1,1-Dichloroethane	0.62 U	1.0	ug/L							U
1,1-Dichloroethene	0.94 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73 U	1.0	ug/L							U
1,2-Dichloroethane	0.63 U	1.0	ug/L							U
1,2-Dichloropropane	0.80 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76 U	1.0	ug/L							U
2-Butanone	4.5 U	5.0	ug/L							U
2-Hexanone	1.4 U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79 U	5.0	ug/L							U
Acetone	10 U	20	ug/L							U
Acrylonitrile	3.2 U	10	ug/L							U
Benzene	0.71 U	1.0	ug/L							U
Bromochloromethane	0.94 U	1.0	ug/L							U
Bromodichloromethane	0.52 U	1.0	ug/L							U
Bromoform	0.75 U	1.0	ug/L							U
Bromomethane	0.95 U	1.0	ug/L							U
Carbon disulfide	2.6 U	5.0	ug/L							U
Carbon tetrachloride	0.94 U	1.0	ug/L							U
Chlorobenzene	0.72 U	1.0	ug/L							U
Chloroethane	0.98 U	1.0	ug/L							U
Chloroform	0.80 U	1.0	ug/L							U
Chloromethane	0.82 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59 U	1.0	ug/L							U
Dibromochloromethane	0.44 U	1.0	ug/L							U
Dibromomethane	0.84 U	1.0	ug/L							U
Ethylbenzene	0.69 U	1.0	ug/L							U
Iodomethane	0.72 U	5.0	ug/L							U
m,p-Xylenes	1.3 U	2.0	ug/L							U
Methylene chloride	2.0 U	5.0	ug/L							U
o-Xylene	0.53 U	1.0	ug/L							U
Styrene	0.61 U	1.0	ug/L							U
Tetrachloroethene	0.76 U	1.0	ug/L							U
Toluene	0.72 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79 U	1.0	ug/L							U
Trichloroethene	0.89 U	1.0	ug/L							U
Trichlorofluoromethane	0.94 U	1.0	ug/L							U
Vinyl acetate	0.60 U	5.0	ug/L							U
Vinyl chloride	0.71 U	1.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7A26026 - EPA 5030B_MS

Blank (7A26026-BLK1) Continued

Prepared: 01/26/2017 00:00 Analyzed: 01/27/2017 01:48

Xylenes (Total)	1.3 U	2.0	ug/L							U
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.0		99	41-142			
Surrogate: Dibromofluoromethane	60		ug/L	50.0		120	53-146			
Surrogate: Toluene-d8	51		ug/L	50.0		103	41-146			

LCS (7A26026-BS1)

Prepared: 01/26/2017 00:00 Analyzed: 01/26/2017 23:16

1,1-Dichloroethene	21	1.0	ug/L	20.0		107	47-139			
Benzene	21	1.0	ug/L	20.0		106	56-136			
Chlorobenzene	20	1.0	ug/L	20.0		98	51-139			
Toluene	22	1.0	ug/L	20.0		109	64-131			
Trichloroethene	20	1.0	ug/L	20.0		98	62-135			

Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		97	41-142			
Surrogate: Dibromofluoromethane	60		ug/L	50.0		119	53-146			
Surrogate: Toluene-d8	51		ug/L	50.0		102	41-146			

Matrix Spike (7A26026-MS1)

Source: AA00486-04

Prepared: 01/26/2017 00:00 Analyzed: 01/26/2017 23:47

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.94 U	117	47-139			
Benzene	23	1.0	ug/L	20.0	0.71 U	114	56-136			
Chlorobenzene	22	1.0	ug/L	20.0	0.72 U	109	51-139			
Toluene	24	1.0	ug/L	20.0	0.72 U	121	64-131			
Trichloroethene	20	1.0	ug/L	20.0	0.89 U	101	62-135			

Surrogate: 4-Bromofluorobenzene	51		ug/L	50.0		102	41-142			
Surrogate: Dibromofluoromethane	63		ug/L	50.0		126	53-146			
Surrogate: Toluene-d8	50		ug/L	50.0		101	41-146			

Matrix Spike Dup (7A26026-MSD1)

Source: AA00486-04

Prepared: 01/26/2017 00:00 Analyzed: 01/27/2017 00:17

1,1-Dichloroethene	24	1.0	ug/L	20.0	0.94 U	120	47-139	3	16	
Benzene	23	1.0	ug/L	20.0	0.71 U	115	56-136	1	14	
Chlorobenzene	20	1.0	ug/L	20.0	0.72 U	102	51-139	7	13	
Toluene	23	1.0	ug/L	20.0	0.72 U	114	64-131	5	16	
Trichloroethene	21	1.0	ug/L	20.0	0.89 U	104	62-135	2	20	

Surrogate: 4-Bromofluorobenzene	51		ug/L	50.0		102	41-142			
Surrogate: Dibromofluoromethane	63		ug/L	50.0		126	53-146			
Surrogate: Toluene-d8	51		ug/L	50.0		102	41-146			

Semivolatile Organic Compounds by GC - Quality Control

Batch 7A30005 - EPA 504/8011

Blank (7A30005-BLK1)

Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 11:29

1,2-Dibromo-3-chloropropane	0.012 U	0.020	ug/L							U
1,2-Dibromoethane	0.004 U	0.020	ug/L							U

Surrogate: 1,1,1,2-Tetrachloroethane	0.21		ug/L	0.250		86	70-130			
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LCS (7A30005-BS1)

Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 11:47

1,2-Dibromo-3-chloropropane	0.21	0.020	ug/L	0.250		83	61-139			
1,2-Dibromoethane	0.18	0.020	ug/L	0.250		74	65-133			

Surrogate: 1,1,1,2-Tetrachloroethane	0.20		ug/L	0.250		78	70-130			
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Matrix Spike (7A30005-MS1)

Source: AA00659-01

Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:05

1,2-Dibromo-3-chloropropane	0.20	0.020	ug/L	0.250	0.012 U	80	61-139			
1,2-Dibromoethane	0.19	0.020	ug/L	0.250	0.004 U	78	65-133			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GC - Quality Control

Batch 7A30005 - EPA 504/8011

Matrix Spike (7A30005-MS1) Continued		Source: AA00659-01		Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:05						
Surrogate: 1,1,1,2-Tetrachloroethane	0.20		ug/L	0.250		81	70-130			
Matrix Spike Dup (7A30005-MSD1)		Source: AA00659-01		Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:24						
1,2-Dibromo-3-chloropropane	0.20	0.020	ug/L	0.250	0.012 U	80	61-139	0	12	
1,2-Dibromoethane	0.18	0.020	ug/L	0.250	0.004 U	74	65-133	5	17	
Surrogate: 1,1,1,2-Tetrachloroethane	0.21		ug/L	0.250		84	70-130			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A23011 - EPA 7470A

Blank (7A23011-BLK1)		Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:04								
Mercury	0.0230 U	0.200	ug/L							U
Blank (7A23011-BLK2)		Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:07								
Mercury	0.230 U	2.00	ug/L							U
Blank (7A23011-BLK3)		Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:10								
Mercury	0.230 U	2.00	ug/L							U
LCS (7A23011-BS1)		Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:13								
Mercury	4.86	0.200	ug/L	5.00		97	80-120			
Matrix Spike (7A23011-MS1)		Source: AA00410-01		Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:19						
Mercury	4.95	0.200	ug/L	5.00	0.0230 U	99	75-125			
Matrix Spike Dup (7A23011-MSD1)		Source: AA00410-01		Prepared: 01/30/2017 12:42 Analyzed: 01/31/2017 07:22						
Mercury	4.90	0.200	ug/L	5.00	0.0230 U	98	75-125	1	20	
Post Spike (7A23011-PS1)		Source: AA00410-01		Prepared: 01/31/2017 06:00 Analyzed: 01/31/2017 07:25						
Mercury	5.12	0.200	ug/L	5.61	-0.00149	91	80-120			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A25034 - EPA 3005A

Blank (7A25034-BLK1)		Prepared: 01/25/2017 14:12 Analyzed: 01/26/2017 11:05								
Antimony	2.50 U	5.00	ug/L							U
Arsenic	6.10 U	10.0	ug/L							U
Barium	20.0 U	100	ug/L							U
Beryllium	0.940 U	1.00	ug/L							U
Cadmium	0.900 U	3.00	ug/L							U
Chromium	4.50 U	10.0	ug/L							U
Cobalt	2.10 U	10.0	ug/L							U
Copper	2.20 U	10.0	ug/L							U
Iron	38.0 U	50.0	ug/L							U
Lead	1.60 U	5.00	ug/L							U
Nickel	3.20 U	10.0	ug/L							U
Selenium	6.50 U	10.0	ug/L							U
Silver	0.290 U	1.00	ug/L							U
Sodium	0.320 U	1.00	mg/L							U
Thallium	0.580 U	1.00	ug/L							U
Vanadium	2.00 U	10.0	ug/L							U
Zinc	16.0 U	50.0	ug/L							U
LCS (7A25034-BS1)		Prepared: 01/25/2017 14:12 Analyzed: 01/26/2017 11:12								
Antimony	48.3	5.00	ug/L	50.0		97	80-120			
Arsenic	473	10.0	ug/L	500		95	80-120			
Barium	496	100	ug/L	500		99	80-120			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A25034 - EPA 3005A

LCS (7A25034-BS1) Continued

Prepared: 01/25/2017 14:12 Analyzed: 01/26/2017 11:12

Beryllium	45.5	1.00	ug/L	50.0		91	80-120			
Cadmium	47.6	3.00	ug/L	50.0		95	80-120			
Chromium	477	10.0	ug/L	500		95	80-120			
Cobalt	483	10.0	ug/L	500		97	80-120			
Copper	481	10.0	ug/L	500		96	80-120			
Iron	981	50.0	ug/L	1000		98	80-120			
Lead	473	5.00	ug/L	500		95	80-120			
Nickel	479	10.0	ug/L	500		96	80-120			
Selenium	433	10.0	ug/L	500		87	80-120			
Silver	45.3	1.00	ug/L	50.0		91	80-120			
Sodium	25.6	1.00	mg/L	25.0		103	80-120			
Thallium	48.6	1.00	ug/L	50.0		97	80-120			
Vanadium	476	10.0	ug/L	500		95	80-120			
Zinc	462	50.0	ug/L	500		92	80-120			

Matrix Spike (7A25034-MS1)

Source: AA00583-01

Prepared: 01/25/2017 14:12 Analyzed: 01/26/2017 11:19

Antimony	49.3	5.00	ug/L	50.0	2.50 U	99	75-125			
Arsenic	470	10.0	ug/L	500	6.10 U	94	75-125			
Barium	524	100	ug/L	500	26.8	99	75-125			
Beryllium	47.2	1.00	ug/L	50.0	0.940 U	94	75-125			
Cadmium	47.4	3.00	ug/L	50.0	0.900 U	95	75-125			
Chromium	500	10.0	ug/L	500	4.50 U	100	75-125			
Cobalt	488	10.0	ug/L	500	2.10 U	98	75-125			
Copper	470	10.0	ug/L	500	2.20 U	94	75-125			
Iron	1030	50.0	ug/L	1000	38.0 U	103	75-125			
Lead	487	5.00	ug/L	500	1.60 U	97	75-125			
Nickel	474	10.0	ug/L	500	3.20 U	95	75-125			
Selenium	460	10.0	ug/L	500	6.50 U	92	75-125			
Silver	49.0	1.00	ug/L	50.0	0.290 U	98	75-125			
Sodium	29.7	1.00	mg/L	25.0	3.38	105	75-125			
Thallium	52.5	1.00	ug/L	50.0	1.20	103	75-125			
Vanadium	493	10.0	ug/L	500	2.00 U	99	75-125			
Zinc	461	50.0	ug/L	500	16.0 U	92	75-125			

Matrix Spike Dup (7A25034-MSD1)

Source: AA00583-01

Prepared: 01/25/2017 14:12 Analyzed: 01/26/2017 11:23

Antimony	49.5	5.00	ug/L	50.0	2.50 U	99	75-125	0.5	20	
Arsenic	497	10.0	ug/L	500	6.10 U	99	75-125	5	20	
Barium	526	100	ug/L	500	26.8	100	75-125	0.4	20	
Beryllium	44.2	1.00	ug/L	50.0	0.940 U	88	75-125	7	20	
Cadmium	48.1	3.00	ug/L	50.0	0.900 U	96	75-125	2	20	
Chromium	484	10.0	ug/L	500	4.50 U	97	75-125	3	20	
Cobalt	483	10.0	ug/L	500	2.10 U	97	75-125	0.9	20	
Copper	469	10.0	ug/L	500	2.20 U	94	75-125	0.2	20	
Iron	1010	50.0	ug/L	1000	38.0 U	101	75-125	2	20	
Lead	473	5.00	ug/L	500	1.60 U	95	75-125	3	20	
Nickel	482	10.0	ug/L	500	3.20 U	96	75-125	2	20	
Selenium	461	10.0	ug/L	500	6.50 U	92	75-125	0.3	20	
Silver	47.1	1.00	ug/L	50.0	0.290 U	94	75-125	4	20	
Sodium	28.0	1.00	mg/L	25.0	3.38	98	75-125	6	20	
Thallium	48.2	1.00	ug/L	50.0	1.20	94	75-125	8	20	
Vanadium	487	10.0	ug/L	500	2.00 U	97	75-125	1	20	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A25034 - EPA 3005A

Matrix Spike Dup (7A25034-MSD1) Continued				Source: AA00583-01		Prepared: 01/25/2017 14:12 Analyzed: 01/26/2017 11:23				
Zinc	458	50.0	ug/L	500	16.0 U	92	75-125	0.6	20	
Post Spike (7A25034-PS1)				Source: AA00583-01		Prepared: 01/26/2017 09:00 Analyzed: 01/26/2017 11:30				
Antimony	4.67	0.500	ug/L	4.90	0.0109	95	80-120			
Arsenic	46.6	1.00	ug/L	49.0	0.0294	95	80-120			
Barium	48.4	10.0	ug/L	49.0	2.63	93	80-120			
Beryllium	4.32	0.100	ug/L	4.90	-0.0449	88	80-120			
Cadmium	4.76	0.300	ug/L	4.90	0.00598	97	80-120			
Chromium	49.5	1.00	ug/L	49.0	0.0860	101	80-120			
Cobalt	44.6	1.00	ug/L	49.0	0.0375	91	80-120			
Copper	49.5	1.00	ug/L	49.0	-0.0427	101	80-120			
Iron	98.5	5.00	ug/L	98.0	1.55	99	80-120			
Lead	47.4	0.500	ug/L	49.0	0.0597	97	80-120			
Nickel	50.1	1.00	ug/L	49.0	0.313	102	80-120			
Selenium	43.3	1.00	ug/L	49.0	-0.152	88	80-120			
Silver	4.57	0.100	ug/L	4.90	-0.00118	93	80-120			
Sodium	2730	100	ug/L	2450	331	98	80-120			
Thallium	5.08	0.100	ug/L	4.90	0.118	101	80-120			
Vanadium	48.1	1.00	ug/L	49.0	0.0963	98	80-120			
Zinc	47.5	5.00	ug/L	49.0	0.540	96	80-120			

Classical Chemistry Parameters - Quality Control

Batch 7A25001 - NO PREP

Blank (7A25001-BLK1)				Prepared: 01/25/2017 10:00 Analyzed: 01/25/2017 10:55						
Chloride	0.29 U	5.0	mg/L							U
Nitrate as N	0.052 U	1.0	mg/L							U
LCS (7A25001-BS1)				Prepared: 01/25/2017 10:00 Analyzed: 01/25/2017 11:11						
Chloride	54	5.0	mg/L	50.0		109	90-110			
Nitrate as N	28	1.0	mg/L	25.0		110	90-110			
Matrix Spike (7A25001-MS1)				Source: AA00583-03		Prepared: 01/25/2017 10:00 Analyzed: 01/25/2017 18:57				
Chloride	58	5.0	mg/L	50.0	4.3	107	90-110			
Nitrate as N	26	1.0	mg/L	25.0	0.052 U	104	90-110			
Matrix Spike (7A25001-MS2)				Source: AA00583-05		Prepared: 01/25/2017 10:00 Analyzed: 01/25/2017 20:17				
Chloride	66	5.0	mg/L	50.0	12	108	90-110			
Nitrate as N	38	1.0	mg/L	25.0	11	109	90-110			
Matrix Spike Dup (7A25001-MSD1)				Source: AA00583-03		Prepared: 01/25/2017 10:00 Analyzed: 01/25/2017 19:13				
Chloride	58	5.0	mg/L	50.0	4.3	107	90-110	0.1	10	
Nitrate as N	26	1.0	mg/L	25.0	0.052 U	105	90-110	0.4	10	
Matrix Spike Dup (7A25001-MSD2)				Source: AA00583-05		Prepared: 01/25/2017 10:00 Analyzed: 01/25/2017 20:34				
Chloride	67	5.0	mg/L	50.0	12	109	90-110	0.4	10	
Nitrate as N	39	1.0	mg/L	25.0	11	110	90-110	0.5	10	

Batch 7A27008 - NO PREP

Blank (7A27008-BLK1)				Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:13						
Ammonia as N	0.0073 U	0.020	mg/L							U
LCS (7A27008-BS1)				Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:14						
Ammonia as N	1.0	0.020	mg/L	1.00		100	90-110			
Matrix Spike (7A27008-MS1)				Source: AA00410-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:17				
Ammonia as N	1.5	0.020	mg/L	1.00	0.63	90	90-110			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Classical Chemistry Parameters - Quality Control

Batch 7A27008 - NO PREP

Matrix Spike (7A27008-MS2)		Source: AA00641-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:33						
Ammonia as N	0.96	0.020	mg/L	1.00	0.0073 U	96	90-110			
Matrix Spike Dup (7A27008-MSD1)		Source: AA00410-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:18						
Ammonia as N	1.5	0.020	mg/L	1.00	0.63	87	90-110	2	10	QM-07

Batch 7A29001 - NO PREP

Blank (7A29001-BLK1)		Prepared: 01/29/2017 04:44 Analyzed: 01/30/2017 21:33								
Total Dissolved Solids	10 U	10	mg/L							U
LCS (7A29001-BS1)		Prepared: 01/29/2017 04:44 Analyzed: 01/30/2017 21:33								
Total Dissolved Solids	970	10	mg/L	1000		97	90-110			
Duplicate (7A29001-DUP1)		Source: AA00434-02		Prepared: 01/29/2017 04:44 Analyzed: 01/30/2017 21:33						
Total Dissolved Solids	350	10	mg/L	350				1	5	

Special Notes

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
P	Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
[3] I = J =	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
[4] O-01 = O-01 =	This compound is a common laboratory contaminant.
[5] QV-01 = QB-01 =	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result. There is minimal impact to the data.
[7] QL-02 = QL-02 =	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
[8] QM-07 = QM-07 =	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
[12] U = U =	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1 FL	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020A	Water	NELAC	E83182
Arsenic Total EPA 6020A	Water	NELAC	E83182
Barium Total EPA 6020A	Water	NELAC	E83182
Beryllium Total EPA 6020A	Water	NELAC	E83182
Cadmium Total EPA 6020A	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020A	Water	NELAC	E83182
Cobalt Total EPA 6020A	Water	NELAC	E83182
Copper Total EPA 6020A	Water	NELAC	E83182
Iron Total EPA 6020A	Water	NELAC	E83182
Lead Total EPA 6020A	Water	NELAC	E83182
Mercury Total EPA 7000 (Update IV)	Water	NELAC	E83182
Nickel Total EPA 6020A	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Selenium Total EPA 6020A	Water	NELAC	E83182
Silver Total EPA 6020A	Water	NELAC	E83182
Sodium Total EPA 6020A	Water	NELAC	E83182
TDS SM2540C	Water	NELAC	E83182
Thallium Total EPA 6020A	Water	NELAC	E83182
Vanadium Total EPA 6020A	Water	NELAC	E83182
Zinc Total EPA 6020A	Water	NELAC	E83182



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Pk Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

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Page 1 of 1

Client Name Jones Edmunds & Associates, Inc. (JO006)		Project Number 03860-056-01		Requested Analyses								Requested Turnaround Times		
Address 730 N.E. Waldo Road Bldg.A		Project Name/Desc Citrus Co. LF		Ammonia 350.1	Chloride 300	Iron Total	Mercury Total	Sodium Total	Dissolved Metals (AP1, Hg, Fe, Na)	Nitrate as N 300	TDS	Appendix I FL	8260B (Benzene, MeCl, VC)	Note: Rush requests subject to acceptance by the facility. ☒ Standard ☐ Expedited Due <u> </u> / <u> </u> / <u> </u>
City/ST/Zip Gainesville, FL 32641		PO # / Billing Info												
Tel (352) 377-5821		Fax (352) 377-3166												
Sampler(s) Name, Affiliation (Print) Steve Messick, Jones Edmunds & Assoc. Inc.		Reporting Contact Elizabeth Kennelley												
Sampler(s) Signature <i>Steve Messick</i>		Billing Contact Accounts Payable												
Site Location / Time Zone Lecanto, FL / EST		Preservation (See Codes) (Combine as necessary)												
Lab Workorder AA00410														

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers											Sample Comments
1	MW-11 (1751CC-11)	1/24/17	0959	G	GW	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AA00583
2	MW-12 (1751CC-12)	↓	1121	G	GW	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	MW-13 (1751CC-13)	↓	1242	G	GW	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	MW-7 (1751CC-7)	↓	1434	G	GW	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	MW-3 (1751CC-3)	↓	1530	G	GW	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	TRIP Blank #2 (1751CC-TB2)	↓	—	—	O	2										✓	QA/QC
<i>Steve Messick</i>																	

Sample Kit Prepared By KMO	Date/Time 1/17/17 1510	Relinquished By <i>[Signature]</i>	Date/Time 1/19/17 1510	Received By <i>Steve Messick</i>	Date/Time 1/20/17 @ 1545
Comments/Special Reporting Requirements Samples shipped by Greyhound Bus Priority from Gainesville, FL to Orlando, FL.		Relinquished By <i>Steve Messick</i>	Date/Time 1/24/17 @ 1600	Received By <i>[Signature]</i>	Date/Time 1-25-17 1200
Cooler #s & Temps on Receipt 1 Cooler		Condition Upon Receipt 0.6		Acceptable ☐ Unacceptable ☐	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: HCl H-HCl H-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

Jones, Edmunds, and Associates, Inc.
Environmental Consultants
730 NE Waldo Road
Gainesville, Florida 32641
(352) 377-5821 Fax (352) 377-3166

Please return a copy of this form with original lab report.

Field Data Information Form

Project Name: Citrus County Central Class I Landfill 17S1

Project Number: 03860-056-01

Date: 1/24/17

Sampler: Steve Messick

Laboratory: ENCO Lab - Orlando, Florida

Collection Method:	Description:
BA	BAILER
BP	BLADDER PUMP
CP	CENTRIFUGAL PUMP
E	GRAB
M	METER READING
PP	PERISTALTIC PUMP
SP	SUBMERSIBLE OR IN-PLACE DEDICATED PUMP
Z	UNKNOWN

^a Initial Depth to Water at Time of Sampling[illegible]

TO BE SUBMITTED TO LABORATORY WITH CHAIN-OF-CUSTODY



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Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Tuesday, February 28, 2017

Jones Edmunds & Associates, Inc. (JO006)

Attn: Elizabeth Kennelley

730 N.E.Waldo Road Bldg.A

Gainesville, FL 32641

RE: Laboratory Results for

Project Number: 03860-056-01-6401, Project Name/Desc: Citrus Co. LF

ENCO Workorder(s): AA00641

Dear Elizabeth Kennelley,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, January 26, 2017.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

David Camacho

Project Manager

Enclosure(s)

LAB #		AA00641-01	AA00641-02	AA00641-03	AA00641-04	AA00641-05	AA00641-06
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-19	MW-10	MW-18	EQUIPMENT BLANK 1	MW-21	MW-20

Volatile Organic Compounds by GCMS (Water)

Vinyl chloride	1.0 ug/L	2.0	-	<0.71 [15]	-	-	-
Methylene chloride	5.0 ug/L	2.8 [3]	-	<2.0 [15]	-	-	-
Benzene	1.0 ug/L	2.1	-	<0.71 [15]	-	-	-
Dibromofluoromethane	53-146	91%	-	97%	-	-	-
Toluene-d8	41-146	89%	-	97%	-	-	-
4-Bromofluorobenzene	41-142	97%	-	95%	-	-	-
Chloromethane	1.0 ug/L	-	<0.82 [15]	-	<0.82 [15]	<0.82 [15]	<0.82 [15]
Vinyl chloride	1.0 ug/L	-	<0.71 [15]	-	<0.71 [15]	<0.71 [15]	<0.71 [15]
Bromomethane	1.0 ug/L	-	<0.95 [14] [15]	-	<0.95 [14] [15]	<0.95 [14] [15]	<0.95 [14] [15]
Chloroethane	1.0 ug/L	-	<0.98 [15]	-	<0.98 [15]	<0.98 [15]	<0.98 [15]
Trichlorofluoromethane	1.0 ug/L	-	<0.94 [15]	-	<0.94 [15]	<0.94 [15]	<0.94 [15]
Acetone	20 ug/L	-	34 [4]	-	22 [4]	28 [4]	22 [4]
1,1-Dichloroethene	1.0 ug/L	-	<0.94 [15]	-	<0.94 [15]	<0.94 [15]	<0.94 [15]
Iodomethane	5.0 ug/L	-	<0.72 [15]	-	<0.72 [15]	<0.72 [15]	<0.72 [15]
Carbon disulfide	5.0 ug/L	-	<2.6 [15]	-	<2.6 [15]	<2.6 [15]	<2.6 [15]
Methylene chloride	5.0 ug/L	-	<2.0 [15]	-	<2.0 [15]	<2.0 [15]	<2.0 [15]
Acrylonitrile	10 ug/L	-	<3.2 [15]	-	<3.2 [15]	<3.2 [15]	<3.2 [15]
trans-1,2-Dichloroethene	1.0 ug/L	-	<0.73 [15]	-	<0.73 [15]	<0.73 [15]	<0.73 [15]
cis-1,2-Dichloroethene	1.0 ug/L	-	2.4	-	<0.53 [15]	1.5	<0.53 [15]
1,1-Dichloroethane	1.0 ug/L	-	<0.62 [15]	-	<0.62 [15]	<0.62 [15]	<0.62 [15]
Vinyl acetate	5.0 ug/L	-	<0.60 [14] [15]	-	<0.60 [14] [15]	<0.60 [14] [15]	<0.60 [14] [15]
2-Butanone	5.0 ug/L	-	<4.5 [15]	-	<4.5 [15]	<4.5 [15]	<4.5 [15]
Chloroform	1.0 ug/L	-	<0.80 [14] [15]	-	<0.80 [14] [15]	<0.80 [14] [15]	<0.80 [14] [15]
Bromochloromethane	1.0 ug/L	-	<0.94 [14] [15]	-	<0.94 [14] [15]	<0.94 [14] [15]	<0.94 [14] [15]
1,1,1-Trichloroethane	1.0 ug/L	-	<0.80 [15]	-	<0.80 [15]	<0.80 [15]	<0.80 [15]
Carbon tetrachloride	1.0 ug/L	-	<0.94 [15]	-	<0.94 [15]	<0.94 [15]	<0.94 [15]
1,2-Dichloroethane	1.0 ug/L	-	<0.63 [15]	-	<0.63 [15]	<0.63 [15]	<0.63 [15]
Benzene	1.0 ug/L	-	0.84 [3]	-	<0.71 [15]	1.0	<0.71 [15]
Trichloroethene	1.0 ug/L	-	<0.89 [15]	-	<0.89 [15]	<0.89 [15]	<0.89 [15]
1,2-Dichloropropane	1.0 ug/L	-	<0.80 [15]	-	<0.80 [15]	<0.80 [15]	<0.80 [15]
Bromodichloromethane	1.0 ug/L	-	<0.52 [15]	-	<0.52 [15]	<0.52 [15]	<0.52 [15]
Dibromomethane	1.0 ug/L	-	<0.84 [15]	-	<0.84 [15]	<0.84 [15]	<0.84 [15]
4-Methyl-2-pentanone	5.0 ug/L	-	<0.79 [15]	-	<0.79 [15]	<0.79 [15]	<0.79 [15]
2-Hexanone	5.0 ug/L	-	<1.4 [15]	-	<1.4 [15]	<1.4 [15]	<1.4 [15]
cis-1,3-Dichloropropene	1.0 ug/L	-	<0.59 [15]	-	<0.59 [15]	<0.59 [15]	<0.59 [15]
Toluene	1.0 ug/L	-	<0.72 [15]	-	<0.72 [15]	<0.72 [15]	<0.72 [15]
trans-1,3-Dichloropropene	1.0 ug/L	-	<0.73 [15]	-	<0.73 [15]	<0.73 [15]	<0.73 [15]
1,1,2-Trichloroethane	1.0 ug/L	-	<0.76 [15]	-	<0.76 [15]	<0.76 [15]	<0.76 [15]
Tetrachloroethene	1.0 ug/L	-	<0.76 [15]	-	<0.76 [15]	<0.76 [15]	<0.76 [15]
Dibromochloromethane	1.0 ug/L	-	<0.44 [15]	-	<0.44 [15]	<0.44 [15]	<0.44 [15]
Chlorobenzene	1.0 ug/L	-	<0.72 [15]	-	<0.72 [15]	<0.72 [15]	<0.72 [15]
1,1,1,2-Tetrachloroethane	1.0 ug/L	-	<0.61 [15]	-	<0.61 [15]	<0.61 [15]	<0.61 [15]
Ethylbenzene	1.0 ug/L	-	<0.69 [15]	-	<0.69 [15]	<0.69 [15]	<0.69 [15]

LAB #		AA00641-01	AA00641-02	AA00641-03	AA00641-04	AA00641-05	AA00641-06
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-19	MW-10	MW-18	EQUIPMENT BLANK 1	MW-21	MW-20

Volatile Organic Compounds by GCMS (continued)

m,p-Xylenes	2.0 ug/L	-	1.6 [3]	-	<1.3 [15]	<1.3 [15]	<1.3 [15]
o-Xylene	1.0 ug/L	-	<0.53 [15]	-	<0.53 [15]	<0.53 [15]	<0.53 [15]
Bromoform	1.0 ug/L	-	<0.75 [15]	-	<0.75 [15]	<0.75 [15]	<0.75 [15]
Styrene	1.0 ug/L	-	<0.61 [15]	-	<0.61 [15]	<0.61 [15]	<0.61 [15]
1,2,3-Trichloropropane	1.0 ug/L	-	<0.64 [15]	-	<0.64 [15]	<0.64 [15]	<0.64 [15]
1,1,2,2-Tetrachloroethane	1.0 ug/L	-	<0.54 [15]	-	<0.54 [15]	<0.54 [15]	<0.54 [15]
trans-1,4-Dichloro-2-butene	1.0 ug/L	-	<0.79 [15]	-	<0.79 [15]	<0.79 [15]	<0.79 [15]
1,4-Dichlorobenzene	1.0 ug/L	-	5.0	-	<0.76 [15]	5.3	<0.76 [15]
1,2-Dichlorobenzene	1.0 ug/L	-	<0.73 [15]	-	<0.73 [15]	<0.73 [15]	<0.73 [15]
Xylenes (Total)	2.0 ug/L	-	1.6 [3]	-	<1.3 [15]	<1.3 [15]	<1.3 [15]
Dibromofluoromethane	53-146	-	106%	-	102%	108%	113%
Toluene-d8	41-146	-	107%	-	105%	107%	108%
4-Bromofluorobenzene	41-142	-	100%	-	104%	104%	107%

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.020 ug/L	-	<0.004 [15]	-	<0.004 [15]	<0.004 [15]	<0.004 [15]
1,2-Dibromo-3-chloropropane	0.020 ug/L	-	<0.012 [15]	-	<0.012 [15]	<0.012 [15]	<0.012 [15]
1,1,1,2-Tetrachloroethane	70-130	-	81%	-	84%	86%	72%

Metals by EPA 6000/7000 Series Methods (Water)

Mercury	0.200 ug/L	-	<0.0230 [15]	-	<0.0230 [15]	<0.0230 [15]	<0.0230 [15]
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Metals (total recoverable) by EPA 6000/7000 Series Methods (Water)

Antimony	0.500 ug/L	-	<2.50 [15]	-	<2.50 [15]	<2.50 [15]	<2.50 [15]
Arsenic	1.00 ug/L	-	<6.10 [15]	-	<6.10 [15]	<6.10 [15]	8.62 [3]
Barium	10.0 ug/L	-	209	-	<20.0 [15]	<20.0 [15]	30.8 [3]
Beryllium	0.100 ug/L	-	<0.940 [15]	-	<0.940 [15]	<0.940 [15]	<0.940 [15]
Cadmium	0.300 ug/L	-	<0.900 [15]	-	<0.900 [15]	<0.900 [15]	<0.900 [15]
Chromium	1.00 ug/L	-	11.7	-	<4.50 [15]	<4.50 [15]	<4.50 [15]
Cobalt	1.00 ug/L	-	<2.10 [15]	-	<2.10 [15]	<2.10 [15]	2.90 [3]
Copper	1.00 ug/L	-	2.38 [3]	-	<2.20 [15]	<2.20 [15]	<2.20 [15]
Iron	5.00 ug/L	-	5100	-	<38.0 [15]	5550	-
Lead	0.500 ug/L	-	6.46	-	<1.60 [15]	<1.60 [15]	<1.60 [15]
Nickel	1.00 ug/L	-	<3.20 [15]	-	<3.20 [15]	<3.20 [15]	<3.20 [15]
Selenium	1.00 ug/L	-	<6.50 [15]	-	<6.50 [15]	<6.50 [15]	<6.50 [15]
Silver	0.100 ug/L	-	<0.290 [15]	-	<0.290 [15]	<0.290 [15]	<0.290 [15]
Sodium	0.100 mg/L	-	4.31	-	<0.320 [15]	2.11	16.0
Thallium	0.100 ug/L	-	<0.580 [15]	-	<0.580 [15]	<0.580 [15]	<0.580 [15]
Vanadium	1.00 ug/L	-	<2.00 [15]	-	<2.00 [15]	<2.00 [15]	<2.00 [15]
Zinc	5.00 ug/L	-	<16.0 [15]	-	<16.0 [15]	<16.0 [15]	<16.0 [15]

Metals (Dissolved) by EPA 6000/7000 Series Methods (Water)

Antimony	0.500 ug/L	-	<2.50 [15]	-	-	<2.50 [15]	-
Arsenic	1.00 ug/L	-	<6.10 [15]	-	-	<6.10 [15]	-
Barium	10.0 ug/L	-	<20.0 [15]	-	-	<20.0 [15]	-
Beryllium	0.100 ug/L	-	<0.940 [15]	-	-	<0.940 [15]	-
Cadmium	0.300 ug/L	-	<0.900 [15]	-	-	<0.900 [15]	-

LAB #		AA00641-01	AA00641-02	AA00641-03	AA00641-04	AA00641-05	AA00641-06
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-19	MW-10	MW-18	EQUIPMENT BLANK 1	MW-21	MW-20

Metals (Dissolved) by EPA 6000/7000 Series Methods (continued)

Chromium	1.00 ug/L	-	<4.50 [15]	-	-	<4.50 [15]	-
Cobalt	1.00 ug/L	-	4.32 [3]	-	-	3.19 [3]	-
Copper	1.00 ug/L	-	<2.20 [15]	-	-	<2.20 [15]	-
Iron	5.00 ug/L	-	3850	-	-	5470	-
Lead	0.500 ug/L	-	<1.60 [15]	-	-	<1.60 [15]	-
Mercury	0.200 ug/L	-	<0.0230 [15]	-	-	<0.0230 [15]	-
Nickel	1.00 ug/L	-	<3.20 [15]	-	-	<3.20 [15]	-
Selenium	1.00 ug/L	-	<6.50 [15]	-	-	<6.50 [15]	-
Silver	0.100 ug/L	-	<0.290 [15]	-	-	<0.290 [15]	-
Sodium	0.100 mg/L	-	4.06	-	-	2.17	-
Thallium	0.100 ug/L	-	<0.580 [15]	-	-	<0.580 [15]	-
Vanadium	1.00 ug/L	-	<2.00 [15]	-	-	<2.00 [15]	-
Zinc	5.00 ug/L	-	<16.0 [15]	-	-	<16.0 [15]	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	<0.0073 [15]	<0.0073 [15]	-	<0.0073 [15]	1.4	0.95
Chloride	5.0 mg/L	4.9 [3]	5.3	-	<0.29 [15]	3.6 [3]	43
Nitrate as N	1.0 mg/L	-	<0.052 [15]	-	<0.052 [15]	<0.052 [15]	<0.052 [15]
Total Dissolved Solids	10 mg/L	-	56	-	<10 [15]	92	220

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	118	51	43	-	159	728
Dissolved Oxygen	0 mg/L	0.33	0.28	0.72	-	0.34	0.20
pH	pH Units	5.74	4.81	5.09	-	5.10	6.26
Oxidation/Reduction Potential	-999 mV	120.6	8.7	248.1	-	29.2	-87.1
Temperature	0 °C	23.0	23.2	23.1	-	24.0	25.2
Turbidity	0 NTU	5.99	109	82.7	-	23.3	1.05
Depth to Water	Ft	106.98	106.89	109.09	-	109.05	113.05

LAB #		AA00641-06RE1	AA00641-07	-	-	-	-
MATRIX	Minimum	Ground Water	Water	-	-	-	-
SAMPLE ID	Reporting Limit	MW-20	TRIP BLANK 3	-	-	-	-

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	-	<0.82 [15]	-	-	-	-
Vinyl chloride	1.0 ug/L	-	<0.71 [15]	-	-	-	-
Bromomethane	1.0 ug/L	-	<0.95 [14] [15]	-	-	-	-
Chloroethane	1.0 ug/L	-	<0.98 [15]	-	-	-	-
Trichlorofluoromethane	1.0 ug/L	-	<0.94 [15]	-	-	-	-
Acetone	20 ug/L	-	<10 [15]	-	-	-	-
1,1-Dichloroethene	1.0 ug/L	-	<0.94 [15]	-	-	-	-
Iodomethane	5.0 ug/L	-	<0.72 [15]	-	-	-	-
Carbon disulfide	5.0 ug/L	-	<2.6 [15]	-	-	-	-
Methylene chloride	5.0 ug/L	-	<2.0 [15]	-	-	-	-
Acrylonitrile	10 ug/L	-	<3.2 [15]	-	-	-	-
trans-1,2-Dichloroethene	1.0 ug/L	-	<0.73 [15]	-	-	-	-
cis-1,2-Dichloroethene	1.0 ug/L	-	<0.53 [15]	-	-	-	-
1,1-Dichloroethane	1.0 ug/L	-	<0.62 [15]	-	-	-	-
Vinyl acetate	5.0 ug/L	-	<0.60 [14] [15]	-	-	-	-
2-Butanone	5.0 ug/L	-	<4.5 [15]	-	-	-	-
Chloroform	1.0 ug/L	-	<0.80 [14] [15]	-	-	-	-
Bromochloromethane	1.0 ug/L	-	<0.94 [14] [15]	-	-	-	-
1,1,1-Trichloroethane	1.0 ug/L	-	<0.80 [15]	-	-	-	-
Carbon tetrachloride	1.0 ug/L	-	<0.94 [15]	-	-	-	-
1,2-Dichloroethane	1.0 ug/L	-	<0.63 [15]	-	-	-	-
Benzene	1.0 ug/L	-	<0.71 [15]	-	-	-	-
Trichloroethene	1.0 ug/L	-	<0.89 [15]	-	-	-	-
1,2-Dichloropropane	1.0 ug/L	-	<0.80 [15]	-	-	-	-
Bromodichloromethane	1.0 ug/L	-	<0.52 [15]	-	-	-	-
Dibromomethane	1.0 ug/L	-	<0.84 [15]	-	-	-	-
4-Methyl-2-pentanone	5.0 ug/L	-	<0.79 [15]	-	-	-	-
2-Hexanone	5.0 ug/L	-	<1.4 [15]	-	-	-	-
cis-1,3-Dichloropropene	1.0 ug/L	-	<0.59 [15]	-	-	-	-
Toluene	1.0 ug/L	-	<0.72 [15]	-	-	-	-
trans-1,3-Dichloropropene	1.0 ug/L	-	<0.73 [15]	-	-	-	-
1,1,2-Trichloroethane	1.0 ug/L	-	<0.76 [15]	-	-	-	-
Tetrachloroethene	1.0 ug/L	-	<0.76 [15]	-	-	-	-
Dibromochloromethane	1.0 ug/L	-	<0.44 [15]	-	-	-	-
Chlorobenzene	1.0 ug/L	-	<0.72 [15]	-	-	-	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	-	<0.61 [15]	-	-	-	-
Ethylbenzene	1.0 ug/L	-	<0.69 [15]	-	-	-	-
m,p-Xylenes	2.0 ug/L	-	<1.3 [15]	-	-	-	-
o-Xylene	1.0 ug/L	-	<0.53 [15]	-	-	-	-
Bromoform	1.0 ug/L	-	<0.75 [15]	-	-	-	-
Styrene	1.0 ug/L	-	<0.61 [15]	-	-	-	-
1,2,3-Trichloropropane	1.0 ug/L	-	<0.64 [15]	-	-	-	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	-	<0.54 [15]	-	-	-	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	-	<0.79 [15]	-	-	-	-
1,4-Dichlorobenzene	1.0 ug/L	-	<0.76 [15]	-	-	-	-

LAB #		AA00641-06RE1	AA00641-07	-	-	-	-
MATRIX	Minimum	Ground Water	Water	-	-	-	-
SAMPLE ID	Reporting Limit	MW-20	TRIP BLANK 3	-	-	-	-

Volatile Organic Compounds by GCMS (continued)

1,2-Dichlorobenzene	1.0 ug/L	-	<0.73 [15]	-	-	-	-
Xylenes (Total)	2.0 ug/L	-	<1.3 [15]	-	-	-	-
Dibromofluoromethane	53-146	-	114%	-	-	-	-
Toluene-d8	41-146	-	103%	-	-	-	-
4-Bromofluorobenzene	41-142	-	98%	-	-	-	-

Metals (total recoverable) by EPA 6000/7000 Series Methods (Water)

Iron	5.00 ug/L	127000 [1]	-	-	-	-	-
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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatiles Organic Compounds by GCMS - Quality Control

Batch 7A30029 - EPA 5030B_MS

Prepared: 01/30/2017 13:49 Analyzed: 01/30/2017 23:54

Blank (7A30029-BLK1)

1,1,1,2-Tetrachloroethane	0.61 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76 U	1.0	ug/L							U
1,1-Dichloroethane	0.62 U	1.0	ug/L							U
1,1-Dichloroethene	0.94 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73 U	1.0	ug/L							U
1,2-Dichloroethane	0.63 U	1.0	ug/L							U
1,2-Dichloropropane	0.80 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76 U	1.0	ug/L							U
2-Butanone	4.5 U	5.0	ug/L							U
2-Hexanone	1.4 U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79 U	5.0	ug/L							U
Acetone	10 U	20	ug/L							U
Acrylonitrile	3.2 U	10	ug/L							U
Benzene	0.71 U	1.0	ug/L							U
Bromochloromethane	0.94 U	1.0	ug/L							U
Bromodichloromethane	0.52 U	1.0	ug/L							U
Bromoform	0.75 U	1.0	ug/L							U
Bromomethane	0.95 U	1.0	ug/L							U
Carbon disulfide	2.6 U	5.0	ug/L							U
Carbon tetrachloride	0.94 U	1.0	ug/L							U
Chlorobenzene	0.72 U	1.0	ug/L							U
Chloroethane	0.98 U	1.0	ug/L							U
Chloroform	0.80 U	1.0	ug/L							U
Chloromethane	0.82 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59 U	1.0	ug/L							U
Dibromochloromethane	0.44 U	1.0	ug/L							U
Dibromomethane	0.84 U	1.0	ug/L							U
Ethylbenzene	0.69 U	1.0	ug/L							U
Iodomethane	0.72 U	5.0	ug/L							U
m,p-Xylenes	1.3 U	2.0	ug/L							U
Methylene chloride	2.0 U	5.0	ug/L							U
o-Xylene	0.53 U	1.0	ug/L							U
Styrene	0.61 U	1.0	ug/L							U
Tetrachloroethene	0.76 U	1.0	ug/L							U
Toluene	0.72 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79 U	1.0	ug/L							U
Trichloroethene	0.89 U	1.0	ug/L							U
Trichlorofluoromethane	0.94 U	1.0	ug/L							U
Vinyl acetate	0.60 U	5.0	ug/L							U
Vinyl chloride	0.71 U	1.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatiles Organic Compounds by GCMS - Quality Control

Batch 7A30029 - EPA 5030B_MS

Blank (7A30029-BLK1) Continued

Prepared: 01/30/2017 13:49 Analyzed: 01/30/2017 23:54

Xylenes (Total)	1.3 U	2.0	ug/L							U
Surrogate: 4-Bromofluorobenzene	52		ug/L	50.0		104	41-142			
Surrogate: Dibromofluoromethane	58		ug/L	50.0		116	53-146			
Surrogate: Toluene-d8	53		ug/L	50.0		107	41-146			

LCS (7A30029-BS1)

Prepared: 01/30/2017 13:49 Analyzed: 01/30/2017 20:52

1,1-Dichloroethene	20	1.0	ug/L	20.0		98	47-139			
Benzene	21	1.0	ug/L	20.0		104	56-136			
Chlorobenzene	17	1.0	ug/L	20.0		87	51-139			
Toluene	19	1.0	ug/L	20.0		97	64-131			
Trichloroethene	19	1.0	ug/L	20.0		95	62-135			

Surrogate: 4-Bromofluorobenzene	48		ug/L	50.0		96	41-142			
Surrogate: Dibromofluoromethane	57		ug/L	50.0		115	53-146			
Surrogate: Toluene-d8	54		ug/L	50.0		108	41-146			

Matrix Spike (7A30029-MS1)

Source: AZ09071-02

Prepared: 01/30/2017 13:49 Analyzed: 01/30/2017 21:23

1,1-Dichloroethene	20	1.0	ug/L	20.0	0.94 U	101	47-139			
Benzene	20	1.0	ug/L	20.0	0.71 U	101	56-136			
Chlorobenzene	19	1.0	ug/L	20.0	0.72 U	94	51-139			QM-11
Toluene	21	1.0	ug/L	20.0	0.72 U	107	64-131			
Trichloroethene	20	1.0	ug/L	20.0	0.89 U	102	62-135			

Surrogate: 4-Bromofluorobenzene	50		ug/L	50.0		99	41-142			
Surrogate: Dibromofluoromethane	60		ug/L	50.0		120	53-146			
Surrogate: Toluene-d8	52		ug/L	50.0		104	41-146			

Matrix Spike Dup (7A30029-MSD1)

Source: AZ09071-02

Prepared: 01/30/2017 13:49 Analyzed: 01/30/2017 21:52

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.94 U	114	47-139	13	16	
Benzene	22	1.0	ug/L	20.0	0.71 U	108	56-136	6	14	
Chlorobenzene	22	1.0	ug/L	20.0	0.72 U	110	51-139	15	13	QM-11
Toluene	24	1.0	ug/L	20.0	0.72 U	119	64-131	10	16	
Trichloroethene	20	1.0	ug/L	20.0	0.89 U	98	62-135	3	20	

Surrogate: 4-Bromofluorobenzene	53		ug/L	50.0		105	41-142			
Surrogate: Dibromofluoromethane	60		ug/L	50.0		120	53-146			
Surrogate: Toluene-d8	53		ug/L	50.0		106	41-146			

Batch 7B01025 - EPA 5030B_MS

Blank (7B01025-BLK1)

Prepared: 02/01/2017 00:00 Analyzed: 02/01/2017 10:26

Benzene	0.71 U	1.0	ug/L							U
Methylene chloride	2.0 U	5.0	ug/L							U
Vinyl chloride	0.71 U	1.0	ug/L							U

Surrogate: 4-Bromofluorobenzene	52		ug/L	50.0		104	41-142			
Surrogate: Dibromofluoromethane	43		ug/L	50.0		86	53-146			
Surrogate: Toluene-d8	46		ug/L	50.0		92	41-146			

LCS (7B01025-BS1)

Prepared: 02/01/2017 00:00 Analyzed: 02/01/2017 09:28

Benzene	22	1.0	ug/L	20.0		110	56-136			
Methylene chloride	17	5.0	ug/L	20.0		85	43-142			
Vinyl chloride	17	1.0	ug/L	20.0		86	20-167			

Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		85	41-142			
Surrogate: Dibromofluoromethane	42		ug/L	50.0		85	53-146			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7B01025 - EPA 5030B_MS

LCS (7B01025-BS1) Continued

Prepared: 02/01/2017 00:00 Analyzed: 02/01/2017 09:28

Surrogate: Toluene-d8	48	ug/L	50.0	97	41-146
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Matrix Spike (7B01025-MS1)

Source: AA00641-01

Prepared: 02/01/2017 00:00 Analyzed: 02/01/2017 19:38

Benzene	23	1.0	ug/L	20.0	2.1	106	56-136
Methylene chloride	23	5.0	ug/L	20.0	2.8	101	43-142
Vinyl chloride	23	1.0	ug/L	20.0	2.0	107	20-167

Surrogate: 4-Bromofluorobenzene	48	ug/L	50.0	95	41-142
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Surrogate: Dibromofluoromethane	51	ug/L	50.0	101	53-146
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Surrogate: Toluene-d8	49	ug/L	50.0	98	41-146
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Matrix Spike Dup (7B01025-MSD1)

Source: AA00641-01

Prepared: 02/01/2017 00:00 Analyzed: 02/01/2017 20:07

Benzene	23	1.0	ug/L	20.0	2.1	104	56-136	2	14
Methylene chloride	23	5.0	ug/L	20.0	2.8	100	43-142	0.7	23
Vinyl chloride	25	1.0	ug/L	20.0	2.0	116	20-167	8	24

Surrogate: 4-Bromofluorobenzene	46	ug/L	50.0	92	41-142
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Surrogate: Dibromofluoromethane	45	ug/L	50.0	91	53-146
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Surrogate: Toluene-d8	47	ug/L	50.0	94	41-146
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Batch 7B02015 - EPA 5030B_MS

Blank (7B02015-BLK1)

Prepared: 02/02/2017 00:00 Analyzed: 02/02/2017 13:19

1,1,1,2-Tetrachloroethane	0.61 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76 U	1.0	ug/L							U
1,1-Dichloroethane	0.62 U	1.0	ug/L							U
1,1-Dichloroethene	0.94 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73 U	1.0	ug/L							U
1,2-Dichloroethane	0.63 U	1.0	ug/L							U
1,2-Dichloropropane	0.80 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76 U	1.0	ug/L							U
2-Butanone	4.5 U	5.0	ug/L							U
2-Hexanone	1.4 U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79 U	5.0	ug/L							U
Acetone	10 U	20	ug/L							U
Acrylonitrile	3.2 U	10	ug/L							U
Benzene	0.71 U	1.0	ug/L							U
Bromochloromethane	0.94 U	1.0	ug/L							U
Bromodichloromethane	0.52 U	1.0	ug/L							U
Bromoform	0.75 U	1.0	ug/L							U
Bromomethane	0.95 U	1.0	ug/L							U
Carbon disulfide	2.6 U	5.0	ug/L							U
Carbon tetrachloride	0.94 U	1.0	ug/L							U
Chlorobenzene	0.72 U	1.0	ug/L							U
Chloroethane	0.98 U	1.0	ug/L							U
Chloroform	0.80 U	1.0	ug/L							U
Chloromethane	0.82 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59 U	1.0	ug/L							U
Dibromochloromethane	0.44 U	1.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7B02015 - EPA 5030B_MS

Blank (7B02015-BLK1) Continued

Prepared: 02/02/2017 00:00 Analyzed: 02/02/2017 13:19

Dibromomethane	0.84 U	1.0	ug/L							U
Ethylbenzene	0.69 U	1.0	ug/L							U
Iodomethane	0.72 U	5.0	ug/L							U
m,p-Xylenes	1.3 U	2.0	ug/L							U
Methylene chloride	2.0 U	5.0	ug/L							U
o-Xylene	0.53 U	1.0	ug/L							U
Styrene	0.61 U	1.0	ug/L							U
Tetrachloroethene	0.76 U	1.0	ug/L							U
Toluene	0.72 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79 U	1.0	ug/L							U
Trichloroethene	0.89 U	1.0	ug/L							U
Trichlorofluoromethane	0.94 U	1.0	ug/L							U
Vinyl acetate	0.60 U	5.0	ug/L							U
Vinyl chloride	0.71 U	1.0	ug/L							U
Xylenes (Total)	1.3 U	2.0	ug/L							U

Surrogate: 4-Bromofluorobenzene

50

ug/L

50.0

101

41-142

Surrogate: Dibromofluoromethane

48

ug/L

50.0

97

53-146

Surrogate: Toluene-d8

49

ug/L

50.0

97

41-146

LCS (7B02015-BS1)

Prepared: 02/02/2017 00:00 Analyzed: 02/02/2017 12:24

1,1-Dichloroethene	19	1.0	ug/L	20.0		97	47-139
Benzene	19	1.0	ug/L	20.0		94	56-136
Chlorobenzene	20	1.0	ug/L	20.0		102	51-139
Toluene	19	1.0	ug/L	20.0		96	64-131
Trichloroethene	18	1.0	ug/L	20.0		89	62-135

Surrogate: 4-Bromofluorobenzene

51

ug/L

50.0

101

41-142

Surrogate: Dibromofluoromethane

47

ug/L

50.0

94

53-146

Surrogate: Toluene-d8

50

ug/L

50.0

99

41-146

Matrix Spike (7B02015-MS1)

Source: AA00419-45

Prepared: 02/02/2017 00:00 Analyzed: 02/02/2017 22:04

1,1-Dichloroethene	24	1.0	ug/L	20.0	0.94 U	120	47-139
Benzene	21	1.0	ug/L	20.0	0.71 U	105	56-136
Chlorobenzene	21	1.0	ug/L	20.0	0.72 U	105	51-139
Toluene	21	1.0	ug/L	20.0	0.72 U	104	64-131
Trichloroethene	21	1.0	ug/L	20.0	0.89 U	103	62-135

Surrogate: 4-Bromofluorobenzene

50

ug/L

50.0

100

41-142

Surrogate: Dibromofluoromethane

53

ug/L

50.0

107

53-146

Surrogate: Toluene-d8

50

ug/L

50.0

100

41-146

Matrix Spike Dup (7B02015-MSD1)

Source: AA00419-45

Prepared: 02/02/2017 00:00 Analyzed: 02/02/2017 22:31

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.94 U	116	47-139	3	16
Benzene	21	1.0	ug/L	20.0	0.71 U	104	56-136	1	14
Chlorobenzene	20	1.0	ug/L	20.0	0.72 U	102	51-139	3	13
Toluene	20	1.0	ug/L	20.0	0.72 U	102	64-131	1	16
Trichloroethene	20	1.0	ug/L	20.0	0.89 U	98	62-135	5	20

Surrogate: 4-Bromofluorobenzene

48

ug/L

50.0

97

41-142

Surrogate: Dibromofluoromethane

50

ug/L

50.0

100

53-146

Surrogate: Toluene-d8

50

ug/L

50.0

100

41-146

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GC - Quality Control

Batch 7A30005 - EPA 504/8011

Blank (7A30005-BLK1)				Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 11:29						
1,2-Dibromo-3-chloropropane	0.012 U	0.020	ug/L							U
1,2-Dibromoethane	0.004 U	0.020	ug/L							U
Surrogate: 1,1,1,2-Tetrachloroethane	0.21		ug/L	0.250		86	70-130			
LCS (7A30005-BS1)				Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 11:47						
1,2-Dibromo-3-chloropropane	0.21	0.020	ug/L	0.250		83	61-139			
1,2-Dibromoethane	0.18	0.020	ug/L	0.250		74	65-133			
Surrogate: 1,1,1,2-Tetrachloroethane	0.20		ug/L	0.250		78	70-130			
Matrix Spike (7A30005-MS1)				Source: AA00659-01		Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:05				
1,2-Dibromo-3-chloropropane	0.20	0.020	ug/L	0.250	0.012 U	80	61-139			
1,2-Dibromoethane	0.19	0.020	ug/L	0.250	0.004 U	78	65-133			
Surrogate: 1,1,1,2-Tetrachloroethane	0.20		ug/L	0.250		81	70-130			
Matrix Spike Dup (7A30005-MSD1)				Source: AA00659-01		Prepared: 01/30/2017 07:45 Analyzed: 01/30/2017 12:24				
1,2-Dibromo-3-chloropropane	0.20	0.020	ug/L	0.250	0.012 U	80	61-139	0	12	
1,2-Dibromoethane	0.18	0.020	ug/L	0.250	0.004 U	74	65-133	5	17	
Surrogate: 1,1,1,2-Tetrachloroethane	0.21		ug/L	0.250		84	70-130			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A25040 - EPA 7470A

Blank (7A25040-BLK1)				Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:18						
Mercury	0.0230 U	0.200	ug/L							U
Blank (7A25040-BLK2)				Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:21						
Mercury	0.230 U	2.00	ug/L							U
LCS (7A25040-BS1)				Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:24						
Mercury	4.88	0.200	ug/L	5.00		98	80-120			
Matrix Spike (7A25040-MS1)				Source: AA00312-01		Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:30				
Mercury	5.06	0.200	ug/L	5.00	0.0230 U	101	75-125			
Matrix Spike Dup (7A25040-MSD1)				Source: AA00312-01		Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:33				
Mercury	5.02	0.200	ug/L	5.00	0.0230 U	100	75-125	0.8	20	
Post Spike (7A25040-PS1)				Source: AA00312-01		Prepared: 01/31/2017 06:00 Analyzed: 01/31/2017 08:36				
Mercury	5.17	0.200	ug/L	5.61	-0.0122	92	80-120			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A27002 - EPA 3005A

Blank (7A27002-BLK1)				Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 10:16						
Antimony	2.50 U	5.00	ug/L							U
Arsenic	6.10 U	10.0	ug/L							U
Barium	20.0 U	100	ug/L							U
Beryllium	0.940 U	1.00	ug/L							U
Cadmium	0.900 U	3.00	ug/L							U
Chromium	4.50 U	10.0	ug/L							U
Cobalt	2.10 U	10.0	ug/L							U
Copper	2.20 U	10.0	ug/L							U
Iron	38.0 U	50.0	ug/L							U
Lead	1.60 U	5.00	ug/L							U
Nickel	3.20 U	10.0	ug/L							U
Selenium	6.50 U	10.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A27002 - EPA 3005A

Blank (7A27002-BLK1) Continued

Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 10:16

Silver	0.290 U	1.00	ug/L							U
Sodium	0.320 U	1.00	mg/L							U
Thallium	0.580 U	1.00	ug/L							U
Vanadium	2.00 U	10.0	ug/L							U
Zinc	16.0 U	50.0	ug/L							U

LCS (7A27002-BS1)

Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 10:23

Antimony	46.2	5.00	ug/L	50.0		92	80-120			
Arsenic	452	10.0	ug/L	500		90	80-120			
Barium	470	100	ug/L	500		94	80-120			
Beryllium	48.4	1.00	ug/L	50.0		97	80-120			
Cadmium	46.0	3.00	ug/L	50.0		92	80-120			
Chromium	509	10.0	ug/L	500		102	80-120			
Cobalt	486	10.0	ug/L	500		97	80-120			
Copper	501	10.0	ug/L	500		100	80-120			
Iron	1010	50.0	ug/L	1000		101	80-120			
Lead	503	5.00	ug/L	500		101	80-120			
Nickel	494	10.0	ug/L	500		99	80-120			
Selenium	425	10.0	ug/L	500		85	80-120			
Silver	48.4	1.00	ug/L	50.0		97	80-120			
Sodium	25.0	1.00	mg/L	25.0		100	80-120			
Thallium	50.3	1.00	ug/L	50.0		101	80-120			
Vanadium	495	10.0	ug/L	500		99	80-120			
Zinc	454	50.0	ug/L	500		91	80-120			

Matrix Spike (7A27002-MS1)

Source: AA00641-06

Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 10:30

Antimony	47.0	5.00	ug/L	50.0	2.50 U	94	75-125			
Arsenic	466	10.0	ug/L	500	8.62	91	75-125			
Barium	529	100	ug/L	500	30.8	100	75-125			
Beryllium	45.0	1.00	ug/L	50.0	0.940 U	90	75-125			
Cadmium	45.4	3.00	ug/L	50.0	0.900 U	91	75-125			
Chromium	491	10.0	ug/L	500	4.50 U	98	75-125			
Cobalt	504	10.0	ug/L	500	2.90	100	75-125			
Copper	471	10.0	ug/L	500	2.20 U	94	75-125			
Iron	127000 E	50.0	ug/L	1000	124000	327	75-125			E, QM-17
Lead	493	5.00	ug/L	500	1.60 U	99	75-125			
Nickel	467	10.0	ug/L	500	3.20 U	93	75-125			
Selenium	419	10.0	ug/L	500	6.50 U	84	75-125			
Silver	49.6	1.00	ug/L	50.0	0.290 U	99	75-125			
Sodium	42.4	1.00	mg/L	25.0	16.0	106	75-125			
Thallium	50.6	1.00	ug/L	50.0	0.580 U	101	75-125			
Vanadium	506	10.0	ug/L	500	2.00 U	101	75-125			
Zinc	455	50.0	ug/L	500	16.0 U	91	75-125			

Matrix Spike Dup (7A27002-MSD1)

Source: AA00641-06

Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 10:41

Antimony	46.9	5.00	ug/L	50.0	2.50 U	94	75-125	0.08	20	
Arsenic	469	10.0	ug/L	500	8.62	92	75-125	0.6	20	
Barium	528	100	ug/L	500	30.8	100	75-125	0.05	20	
Beryllium	46.7	1.00	ug/L	50.0	0.940 U	93	75-125	4	20	
Cadmium	46.0	3.00	ug/L	50.0	0.900 U	92	75-125	1	20	
Chromium	511	10.0	ug/L	500	4.50 U	102	75-125	4	20	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A27002 - EPA 3005A

Matrix Spike Dup (7A27002-MSD1) Continued				Source: AA00641-06		Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 10:41				
Cobalt	494	10.0	ug/L	500	2.90	98	75-125	2	20	E, QM-17
Copper	471	10.0	ug/L	500	2.20 U	94	75-125	0.05	20	
Iron	125000 E	50.0	ug/L	1000	124000	141	75-125	1	20	
Lead	488	5.00	ug/L	500	1.60 U	98	75-125	1	20	
Nickel	483	10.0	ug/L	500	3.20 U	97	75-125	3	20	
Selenium	434	10.0	ug/L	500	6.50 U	87	75-125	4	20	
Silver	48.7	1.00	ug/L	50.0	0.290 U	97	75-125	2	20	
Sodium	41.0	1.00	mg/L	25.0	16.0	100	75-125	3	20	
Thallium	49.9	1.00	ug/L	50.0	0.580 U	100	75-125	1	20	
Vanadium	498	10.0	ug/L	500	2.00 U	100	75-125	2	20	
Zinc	435	50.0	ug/L	500	16.0 U	87	75-125	5	20	

Post Spike (7A27002-PS1)				Source: AA00641-06		Prepared: 01/30/2017 09:00 Analyzed: 01/30/2017 10:57				
Antimony	4.61	0.500	ug/L	4.90	0.0145	94	80-120			E, QM-08
Arsenic	45.6	1.00	ug/L	49.0	0.845	91	80-120			
Barium	51.4	10.0	ug/L	49.0	3.02	99	80-120			
Beryllium	4.63	0.100	ug/L	4.90	0.0132	94	80-120			
Cadmium	4.40	0.300	ug/L	4.90	-0.00510	90	80-120			
Chromium	46.6	1.00	ug/L	49.0	0.000294	95	80-120			
Cobalt	48.8	1.00	ug/L	49.0	0.284	99	80-120			
Copper	45.3	1.00	ug/L	49.0	0.0539	92	80-120			
Iron	12500 E	5.00	ug/L	98.0	12100	366	80-120			
Lead	48.2	0.500	ug/L	49.0	-0.0813	98	80-120			
Nickel	45.5	1.00	ug/L	49.0	-0.00951	93	80-120			
Selenium	42.9	1.00	ug/L	49.0	0.365	87	80-120			
Silver	4.84	0.100	ug/L	4.90	0.00255	99	80-120			
Sodium	4300	100	ug/L	2450	1560	111	80-120			
Thallium	4.86	0.100	ug/L	4.90	-0.0248	99	80-120			
Vanadium	49.9	1.00	ug/L	49.0	-0.0158	102	80-120			
Zinc	42.3	5.00	ug/L	49.0	1.06	84	80-120			

Batch AA42338 - 7A30020

Serial Dilution (AA42338-SRD1)				Source: AA00641-06RE1		Prepared: 01/27/2017 08:51 Analyzed: 01/30/2017 11:13				
Iron	131000	2000	ug/L		127000			3		

Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A25040 - EPA 7470A

Blank (7A25040-BLK1)				Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:18						
Mercury	0.0230 U	0.200	ug/L							U
Blank (7A25040-BLK2)				Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:21						
Mercury	0.230 U	2.00	ug/L							U
LCS (7A25040-BS1)				Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:24						
Mercury	4.88	0.200	ug/L	5.00		98	80-120			
Matrix Spike (7A25040-MS1)				Source: AA00312-01		Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:30				
Mercury	5.06	0.200	ug/L	5.00	0.0230 U	101	75-125			
Matrix Spike Dup (7A25040-MSD1)				Source: AA00312-01		Prepared: 01/30/2017 12:45 Analyzed: 01/31/2017 08:33				
Mercury	5.02	0.200	ug/L	5.00	0.0230 U	100	75-125	0.8	20	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Batch 7A25040 - EPA 7470A

Post Spike (7A25040-PS1)		Source: AA00312-01		Prepared: 01/31/2017 06:00 Analyzed: 01/31/2017 08:36						
Mercury	5.17	0.200	ug/L	5.61	-0.0122	92	80-120			

Classical Chemistry Parameters - Quality Control

Batch 7A26002 - NO PREP

Blank (7A26002-BLK1)		Prepared: 01/26/2017 18:06 Analyzed: 01/27/2017 03:40								
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Chloride	0.29 U	5.0	mg/L							U
Nitrate as N	0.052 U	1.0	mg/L							U

LCS (7A26002-BS1)		Prepared: 01/26/2017 18:06 Analyzed: 01/27/2017 03:56								
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Chloride	52	5.0	mg/L	50.0		105	90-110			
Nitrate as N	27	1.0	mg/L	25.0		106	90-110			

Matrix Spike (7A26002-MS1)		Source: AA00641-01		Prepared: 01/26/2017 18:06 Analyzed: 01/27/2017 04:12						
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Chloride	58	5.0	mg/L	50.0	4.9	106	90-110			
Nitrate as N	26	1.0	mg/L	25.0	0.052 U	104	90-110			

Matrix Spike (7A26002-MS2)		Source: AA00641-05		Prepared: 01/26/2017 18:06 Analyzed: 01/27/2017 05:49						
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Chloride	56	5.0	mg/L	50.0	3.6	105	90-110			
Nitrate as N	26	1.0	mg/L	25.0	0.052 U	104	90-110			

Matrix Spike Dup (7A26002-MSD1)		Source: AA00641-01		Prepared: 01/26/2017 18:06 Analyzed: 01/27/2017 04:28						
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Chloride	58	5.0	mg/L	50.0	4.9	107	90-110	0.8	10	
Nitrate as N	26	1.0	mg/L	25.0	0.052 U	105	90-110	1	10	

Matrix Spike Dup (7A26002-MSD2)		Source: AA00641-05		Prepared: 01/26/2017 18:06 Analyzed: 01/27/2017 06:05						
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Chloride	56	5.0	mg/L	50.0	3.6	105	90-110	0.1	10	
Nitrate as N	26	1.0	mg/L	25.0	0.052 U	104	90-110	0.3	10	

Batch 7A27008 - NO PREP

Blank (7A27008-BLK1)		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:13								
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Ammonia as N	0.0073 U	0.020	mg/L							U
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LCS (7A27008-BS1)		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:14								
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Ammonia as N	1.0	0.020	mg/L	1.00		100	90-110			
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Matrix Spike (7A27008-MS1)		Source: AA00410-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:17						
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Ammonia as N	1.5	0.020	mg/L	1.00	0.63	90	90-110			
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Matrix Spike (7A27008-MS2)		Source: AA00641-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:33						
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Ammonia as N	0.96	0.020	mg/L	1.00	0.0073 U	96	90-110			
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Matrix Spike Dup (7A27008-MSD1)		Source: AA00410-01		Prepared: 01/27/2017 09:54 Analyzed: 01/27/2017 11:18						
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Ammonia as N	1.5	0.020	mg/L	1.00	0.63	87	90-110	2	10	QM-07
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Batch 7A31037 - NO PREP

Blank (7A31037-BLK1)		Prepared: 01/31/2017 20:05 Analyzed: 02/01/2017 22:15								
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Total Dissolved Solids	10 U	10	mg/L							U
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LCS (7A31037-BS1)		Prepared: 01/31/2017 20:05 Analyzed: 02/01/2017 22:15								
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Total Dissolved Solids	960	10	mg/L	1000		96	90-110			
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Duplicate (7A31037-DUP1)		Source: AA00413-01		Prepared: 01/31/2017 20:05 Analyzed: 02/01/2017 22:15						
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Total Dissolved Solids	180	10	mg/L	180				1	5	
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Special Notes

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
P	Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
A-02	A-02 0.20
A-02a	A-02a 23.0
A-02b	A-02b 24.0
A-02c	A-02c 5.10
[1] D =	D = Data reported from a dilution
[2] E =	E = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
[3] I =	J = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
[4] O-01 =	O-01 = This compound is a common laboratory contaminant.
[6] QI-02 =	QI-02 = Internal standard outside acceptance limits. Samples results are considered estimated.
[8] QM-0' =	QM-07 = The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
[9] QM-0' =	QM-08 = Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).
[10] QM-1' =	QM-11 = Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
[11] QM-1' =	QM-17 = Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.
[12] QM-1' =	QM-19 = The spike recovery was outside acceptance limits for the MS and/or MSD.
[14] QV-01 =	QV-01 = The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.
[15] U =	U = Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B	Water	NELAC	E83182
8260B Appendix 1 FL	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Dissolved EPA 6020A	Water	NELAC	E83182
Antimony Total EPA 6020A	Water	NELAC	E83182
Arsenic Dissolved EPA 6020A	Water	NELAC	E83182
Arsenic Total EPA 6020A	Water	NELAC	E83182
Barium Dissolved EPA 6020A	Water	NELAC	E83182
Barium Total EPA 6020A	Water	NELAC	E83182
Beryllium Dissolved EPA 6020A	Water	NELAC	E83182
Beryllium Total EPA 6020A	Water	NELAC	E83182
Cadmium Dissolved EPA 6020A	Water	NELAC	E83182
Cadmium Total EPA 6020A	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Dissolved EPA 6020A	Water	NELAC	E83182
Chromium Total EPA 6020A	Water	NELAC	E83182
Cobalt Dissolved EPA 6020A	Water	NELAC	E83182
Cobalt Total EPA 6020A	Water	NELAC	E83182
Copper Dissolved EPA 6020A	Water	NELAC	E83182
Copper Total EPA 6020A	Water	NELAC	E83182
Iron Dissolved EPA 6020A	Water	NELAC	E83182
Iron Total EPA 6020A	Water	NELAC	E83182
Lead Dissolved EPA 6020A	Water	NELAC	E83182
Lead Total EPA 6020A	Water	NELAC	E83182
Mercury Dissolved EPA 7000	Water	NELAC	E83182
Mercury Total EPA 7000 (Update IV)	Water	NELAC	E83182
Nickel Dissolved EPA 6020A	Water	NELAC	E83182
Nickel Total EPA 6020A	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
Selenium Dissolved EPA 6020A	Water	NELAC	E83182
Selenium Total EPA 6020A	Water	NELAC	E83182
Silver Dissolved EPA 6020A	Water	NELAC	E83182
Silver Total EPA 6020A	Water	NELAC	E83182
Sodium Dissolved EPA 6020A	Water	NELAC	E83182
Sodium Total EPA 6020A	Water	NELAC	E83182
TDS SM2540C	Water	NELAC	E83182
Thallium Dissolved EPA 6020A	Water	NELAC	E83182
Thallium Total EPA 6020A	Water	NELAC	E83182
Vanadium Dissolved EPA 6020A	Water	NELAC	E83182
Vanadium Total EPA 6020A	Water	NELAC	E83182
Zinc Dissolved EPA 6020A	Water	NELAC	E83182



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Zinc Total EPA 6020A

Water

NELAC

E83182

324 S. Hyde Park Ave., Suite 250
Tampa, Florida 33606
Ph. (813) 258-0703 • Fax: (813) 254-6860

440064

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE Citrus County LE		PROJECT NO. 03860-056-01-6401		MATRIX TYPE		REQUIRED ANALYSIS										PAGE 1 OF 1						
SAMPLER(S) NAME Steve Messick				SURFACE WATER GROUND WATER WASTEWATER DRINKING WATER SOIL/SOLID/SEDIMENT NONAQUEOUS LIQUID (oil/water) AIR SLUDGE OTHER		Ammonia 350.1 Chloride 300 Total Mercury Total Sodium Total Nitrate as N 300 TDS 5000.0 Appendix 1 FL ELCUB (Pesticides, HCL, VC)										☒ STANDARD REPORT DELIVERY ☐ EXPEDITED REPORT REQUIRED						
CLIENT NAME Jones Edmunds & Assoc. Inc.						Date Due:																
LABORATORY NAME AND ADDRESS ENCO Lab - Orlando, FL																						
SAMPLE				FIELD IDENTIFICATION NUMBER		NUMBER OF CONTAINERS SUBMITTED												REMARKS				
STATION	DATE	TIME	GRAB	COMP																		
MW-19	1/25/17	1018	✓		1751CC-19	✓							1	1					2			
MW-10		1122	✓		1751CC-10	✓							1	1	✓	✓	✓	1	1	2	2	plus field filtered dissolved metals 1 mic.
MW-18		1215	✓		1751CC-18	✓														2		
EDUBH #1		1235	✓		1751CC-EQB1							✓	1	1	✓	✓	✓	1	1	2	2	new lab bottle blank w/ dist water plus field filtered total metals 1 mic.
MW-21		1328	✓		1751CC-21	✓							1	1	✓	✓	✓	1	1	2	2	
MW-20		1446	✓		1751CC-20	✓							1	1	✓	✓	✓	1	1	2	2	
TB-1					1751CC-TB3							✓								2		QA/QC
INITIAL KITS RECEIVED BY Steve Messick				DATE 1/20/17	TIME 1545	RELINQUISHED BY (SIGNATURE) Steve Messick				DATE 1/25/17	TIME 1530	RECEIVED BY (SIGNATURE) Blho				DATE 1-26-17	TIME 1300					
RELINQUISHED BY (SIGNATURE)				DATE	TIME	RECEIVED BY (SIGNATURE)				DATE	TIME	RELINQUISHED BY (SIGNATURE)				DATE	TIME					
SHIPPING METHOD Greyhound Bus Priority						SHIPMENT ORIGIN Gainesville, FL						SHIPMENT DESTINATION ENCO Lab - Orlando, FL										
RECEIVED FOR LABORATORY BY (SIGNATURE) S. Chelton				DATE 1/26/17	TIME 1100	CUSTODY INTACT ☒ YES ☐ NO		LAB LOG NO.		REMARKS Original kits received from ENCO Lab Lab Workorder # AA00410												

C-400 @ -0.1" C

Jones, Edmunds, and Associates, Inc.
Environmental Consultants
730 NE Waldo Road
Gainesville, Florida 32641
(352) 377-5821 Fax (352) 377-3166

Please return a copy of this
form with original lab report.

AA00641

page 2

Field Data Information Form

Project Name: Citrus County Central Class I Landfill 17S1

Project Number: 03860-056-01 - 6401

Date: 1/25/17

Sampler: Steve Messick

Laboratory: ENCO Lab - Orlando, Florida

Collection Method:	Description:
BA	BAILER
BP	BLADDER PUMP
CP	CENTRIFUGAL PUMP
E	GRAB
M	METER READING
PP	PERISTALTIC PUMP
SP	SUBMERSIBLE OR IN-PLACE DEDICATED PUMP
Z	UNKNOWN

* Initial Depth to Water at Time of Sampling

Sampling Station	Date	Time	pH (S. U.)	Temp (Deg C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mV)	Static Depth to Water *	Collection Method
MW-19	1/25/17	1018	5.74	23.0	118	0.33	5.99	120.6	106.98	BP
MW-10		1122	4.81	23.2	51	0.28	109	8.7	106.89	BP
MW-18		1215	5.09	23.1	43	0.72	82.7	248.1	109.09	BP
MW-21		1328	5.10	24.0	159	0.34	23.3	29.2	109.05	BP
MW-20		1446	6.26	25.2	728	0.20	1.05	-87.1	113.05	BP

turbidity after filtering = 0.17

turbidity after filtering = 0.19

TO BE SUBMITTED TO LABORATORY WITH CHAIN-OF-CUSTODY

ATTACHMENT 6

FIELD DATA SHEETS

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-17 <i>flush mount well</i>	WELL WACS NO: 22017	SAMPLE ID: 17S1CC-17	DATE: 1/23/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 97.58 ft to 117.58 ft	STATIC DEPTH TO WATER (feet): 105.17	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (117.58 feet - 105.17 feet) X 0.16 gallons/foot = 2.0 gallons				Water Level measured with: m/m-GNV-DI
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 125) + 0.123 = 0.6 gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 116	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 116	PURGING INITIATED AT: 1243	PURGING ENDED AT: 1313	TOTAL VOLUME PURGED (gallons): 3.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1301	2.0	2.0	0.11	105.31	5.63	23.6	171	0.25	1.07	None Clear	None	-32.9
1307	0.6	2.6	↓	105.31	5.64	23.7	174	0.21	0.80	↓	↓	-32.9
1313	0.6	3.2	↓	105.31	5.65	23.6	177	0.18	0.51	↓	↓	-42.9

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1315	SAMPLING ENDED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 116	SAMPLE PUMP VOC Sampling Rate 100-400 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): 1-420		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ (N)	FIELD-FILTERED: Y ☒ (N) FILTER SIZE: _____ µm Filtration Equipment Type: _____			DUPLICATE: Y ☒ (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-17	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-17	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-17	1	PE	250 mL	HNO3	-	3.2	Iron, Mercury, Sodium
17S1CC-17	1	PE	250 mL	H2SO4	-	3.2	Ammonia Nitrogen
17S1CC-17	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS: *Very light brown tint to begin*

- Verified Sample pH as <2 or >12 (as applicable) at **MW-17**
- ** Screened interval referenced is depth below Top of Casing

Sky Conditions: **Cloudy** Ambient Air Temperature: **20°C**
 Approx. Wind Speed and Direction: **0-15 w/sw some higher gusts**

Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: GPM **4** Refill/Discharge **9/6** sec Pressure **60** PSI
 Total Tubing Length: _____ feet (New Tubing)

COMMENTS: Total Well Depth = _____ by _____ date _____
Flush mount well vented > 15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-15 <i>Flush mount well</i>	WELL WACS NO: 22015	SAMPLE ID: 17S1CC-15	DATE: 1/23/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 109.60 ft to 129.60 ft	STATIC DEPTH TO WATER (feet): 117.70	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (129.60 feet - 117.70 feet) X 0.16 gallons/foot = 1.9 gallons				Water Level measured with: mem-GNV-01 PURGE METHOD: 2.5
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 135) + 0.123 = 0.624 gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 128	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 128	PURGING INITIATED AT: 1343	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 3.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1407	1.9	1.9	0.08	117.94	4.95	22.2	51	0.17	0.92	None Clear	None	68.4
1415	0.6	2.5	↓	117.94	4.95	22.2	51	0.19	0.70	↓	↓	60.4
1423	0.6	3.1	↓	117.94	4.95	22.2	51	0.17	0.51	↓	↓	52.6

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1425	SAMPLING ENDED AT: 1430
PUMP OR TUBING DEPTH IN WELL (feet): 128	SAMPLE PUMP VOC Sampling Rate 100-400 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): 4-300		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ (N)	FIELD-FILTERED: Y ☒ (N) FILTER SIZE: _____ µm Filtration Equipment Type: _____		DUPLICATE: Y ☒ (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-15 15'	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-15 15'	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-15 15'	1	PE	250 mL	HNO3	-	X	Iron, Mercury, Sodium
17S1CC-15 15'	1	PE	250 mL	H2SO4	-	X	Ammonia Nitrogen
17S1CC-15 15'	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS:

• Verified Sample pH as <2 or >12 (as applicable) at **MW-17**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Cloudy** Ambient Air Temperature: **21°C**
 Approx. Wind Speed and Direction: **0-15 S/SW with higher gusts**
 Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM **2** Refill/Discharge **15/15** sec Pressure **60** PSI
 Total Tubing Length: _____ feet (New Tubing)

COMMENTS: Total Well Depth = _____ by _____ date _____

Flush mount well vented >15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-14 <i>Flush mount well</i>	WELL WACS NO: 22014	SAMPLE ID: 17S1CC-14	DATE: 1/23/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 96.00 ft to 116.00 ft	STATIC DEPTH TO WATER (feet): 102.96	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (116.00 feet - 102.96 feet) X 0.16 gallons/foot = 2.1 gallons				Water Level measured with: MPM-GSV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 125) + 0.123 = 0.6 gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 115	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 115	PURGING INITIATED AT: 1451	PURGING ENDED AT: 1516	TOTAL VOLUME PURGED (gallons): 3.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1506	2.1	2.1	0.14	102.92	6.95	22.9	503	0.48	0.58	None Clear	None	66.5
1511	0.6	2.7	↓	102.92	6.95	22.9	506	0.38	0.34	↓	↓	69.6
1516	0.6	3.3	↓	102.92	6.95	22.8	507	0.34	0.27	↓	↓	71.8

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1516	SAMPLING ENDED AT: 1523
PUMP OR TUBING DEPTH IN WELL (feet): 115	SAMPLE PUMP VOC Sampling Rate 100-400 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): 1-530		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ N	FIELD-FILTERED: Y ☒ N FILTER SIZE: _____ µm Filtration Equipment Type: _____			DUPLICATE: Y ☒ N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-19S 14	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-19S 14	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-19S 14	1	PE	250 mL	HNO3	-	X	Iron, Mercury, Sodium
17S1CC-19S 14	1	PE	250 mL	H2SO4	-	X	Ammonia Nitrogen
17S1CC-19S 14	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at **MW-17**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Cloudy** Ambient Air Temperature: **21°C**
 Approx. Wind Speed and Direction: **0-15 S/SW some higher gusts**
 Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM **4** Refill/Discharge **9/6** sec Pressure **60** PSI
 Total Tubing Length: _____ feet (New Tubing)

COMMENTS: Total Well Depth = _____ by _____ date _____

Flush mount well vented >15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-11 <i>Flush mount well</i>	WELL WACS NO: 22011	SAMPLE ID: 17S1CC-12	DATE: 1/24/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 91.50 ft to 111.50 ft	STATIC DEPTH TO WATER (feet): 99.13	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY $1 \text{ WELL VOLUME} = (111.50 \text{ feet} - 99.13 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.0 \text{ gallons}$				Water Level measured with: MM-GNV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME $0.15 + (0.0026 \times 120) + 0.125 = 0.59$ = 0.59 gallons + 0.125 gallons = 0.715 gallons				PURGE METHOD: 2.5'
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 110	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 110	PURGING INITIATED AT: 0938	PURGING ENDED AT: 0957	TOTAL VOLUME PURGED (gallons): 3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
0949	2.0	2.0	0.18	100.11	7.08	22.9	474	0.76	2.51	None	None	225.9
0953	0.7	2.7	↓	100.11	7.08	23.0	473	0.51	1.40	↓	↓	217.8
0957	0.7	3.4	↓	100.11	7.08	23.0	473	0.48	1.17	↓	↓	209.7

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 0959	SAMPLING ENDED AT: 1004
PUMP OR TUBING DEPTH IN WELL (feet): 110	SAMPLE PUMP VOC Sampling Rate 100-400 mL/min ☒ FLOW RATE Other Samples Rate (mL / min): 7-855		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒	FIELD-FILTERED: Y ☒ FILTER SIZE: 0.45 µm		DUPLICATE: Y ☒		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-185 17S1CC-185	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-185 17S1CC-185	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-185 17S1CC-185	1	PE	250 mL	HNO3	-	5.2	Iron, Mercury, Sodium
17S1CC-185 17S1CC-185	1	PE	250 mL	H2SO4	-	5.2	Ammonia Nitrogen
17S1CC-185 17S1CC-185	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at **MW-11**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **mostly clear** Ambient Air Temperature: **16°C**
 Approx. Wind Speed and Direction: **0-10 W**

Grundfos Settings: **4** HZ Peristaltic Setting: **70** PSI
 Bladder Pump: CPM **4** Refill/Discharge **9** / **8** sec Pressure **70** PSI
 Total Tubing Length: **—** feet (New Tubing)

COMMENTS: Total Well Depth = **—** by **—** date **—**
Flush mount well, vented 15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-12 <i>Flush mount well</i>	WELL WACS NO: 22012	SAMPLE ID: 17S1CC-12	DATE: 1/24/17

PURGING DATA

WELL DIAMETER (in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 90.00 ft to 110.00 ft	STATIC DEPTH TO WATER (feet): 97.72	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (110.00 feet - 97.72 feet) X 0.16 gallons/foot = 2.0 gallons				Water Level measured with: MPM-6NV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 115) + 0.123 = 0.57 gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 109	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 109	PURGING INITIATED AT: 1020	PURGING ENDED AT: 1119	TOTAL VOLUME PURGED (gallons): 3.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1049	2.0	2.0	0.06	97.80	6.83	23.1	595	0.40	5.99	None	None	-84.9
1059	0.6	2.6	↓	97.80	6.83	23.1	596	0.30	4.51	↓	↓	-86.6
1109	0.6	3.2	↓	97.80	6.83	23.1	596	0.27	2.81	↓	↓	-86.1
1119	0.6	3.8	↓	97.80	6.83	23.1	597	0.25	2.53	↓	↓	-85.3

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1121	SAMPLING ENDED AT: 1126
PUMP OR TUBING DEPTH IN WELL (feet): 109	SAMPLE PUMP VOC Sampling Rate 100-400 µl/min ☒ FLOW RATE Other Samples Rate (mL/min): 1-260		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ (N)	FIELD-FILTERED: Y ☒ (N) FILTER SIZE: _____ µm Filtration Equipment Type: _____		DUPLICATE: Y ☒ (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-18/12	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-18/12	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-18/12	1	PE	250 mL	HNO3	-	*	Iron, Mercury, Sodium
17S1CC-18/12	1	PE	250 mL	H2SO4	-	*	Ammonia Nitrogen
17S1CC-18/12	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at **MW-11**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Clear** Ambient Air Temperature: **17°C**
 Approx. Wind Speed and Direction: **0-10 W/NW**

Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM **2** Refill/Discharge **15/15** sec Pressure **50** PSI
 Total Tubing Length: _____ feet (New Tubing)

COMMENTS: Total Well Depth = _____ by _____ date _____

Flush mount well, vented > 15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-13 <i>Flush Mount well</i>	WELL WACS NO: 22013	SAMPLE ID: 17S1CC-13	DATE: 1/24/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 99.50 ft to 119.50 ft	STATIC DEPTH TO WATER (feet): 106.22	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY $1 \text{ WELL VOLUME} = (119.50 \text{ feet} - 106.22 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.1 \text{ gallons}$				Water Level measured with: m/m-6mm
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME $1 = 0.15 + (0.0026 \times 125) + 0.123 = 0.6 \text{ gallons}$				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 118	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 118	PURGING INITIATED AT: 1151	PURGING ENDED AT: 1240	TOTAL VOLUME PURGED (gallons): 3.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1216	2.1	2.1	0.08	106.83	5.46	23.0	71	0.66	5.07	None Clear	None	67.0
1224	0.6	2.7	↓	106.83	5.44	23.0	70	0.48	3.73	↓	↓	69.5
1232	0.6	3.3	↓	106.83	5.42	23.0	69	0.43	3.37	↓	↓	72.0
1240	0.6	3.9	↓	106.83	5.42	23.0	68	0.41	2.34	↓	↓	72.7

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1242	SAMPLING ENDED AT: 1247
PUMP OR TUBING DEPTH IN WELL (feet): 118	SAMPLE PUMP VOC Sampling Rate 100-400 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): 7-315		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ (N)	FIELD-FILTERED: Y ☒ (N) FILTER SIZE: 0.1 µm Filtration Equipment Type: 			DUPLICATE: Y ☒ (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-180 <i>13</i>	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-180 <i>13</i>	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-180 <i>13</i>	1	PE	250 mL	HNO3	-	*	Iron, Mercury, Sodium
17S1CC-180 <i>13</i>	1	PE	250 mL	H2SO4	-	*	Ammonia Nitrogen
17S1CC-180 <i>13</i>	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS: *Light white haze to begin. Be careful placing well spacer that you don't stir up well.*

* Verified Sample pH as <2 or >12 (as applicable) at **MW-11**

** Screened interval referenced is depth below Top of Casing

Sky Conditions: **Clear** Ambient Air Temperature: **20°C**

Approx. Wind Speed and Direction: **0-10 W/NW**

Grundfos Settings: **2** HZ Peristaltic Setting:

Bladder Pump: CPM **2** Refill/Discharge **15/15** sec Pressure **55** PSI

Total Tubing Length: feet (New Tubing)

COMMENTS: Total Well Depth = by date

Flush mount well, vented > 15 minutes before reading level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-7	WELL WACS NO: 179	SAMPLE ID: 17S1CC-7	DATE: 1/24/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 3/8"	SCREEN LENGTH: 20 ft From 119.86 ft to 139.06 ft	STATIC DEPTH TO WATER (feet): 121.66	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (139.06 feet - 121.66 feet) X 0.16 gallons/foot = 2.8 gallons				Water Level measured with: MPM-6NV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.006 X 148) + 0.123 = 1.16 gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 138	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 138	PURGING INITIATED AT: 1329	PURGING ENDED AT: 1432	TOTAL VOLUME PURGED (gallons): 5.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1356	2.8	2.8	0.10	131.92	5.21	23.0	102	0.98	3.16	None Clear	None	66.3
1414	1.2	4.0	0.06	133.87	5.23	22.9	99	0.97	2.21	↓	↓	110.8
1432	1.2	5.2	0.06	135.96	5.24	22.9	100	1.02	1.05	↓	↓	132.5

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1434	SAMPLING ENDED AT: 1440
PUMP OR TUBING DEPTH IN WELL (feet): 138	SAMPLE PUMP VOC Sampling Rate 100-400 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): 1-252		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒	FIELD-FILTERED: Y ☒ FILTER SIZE: 0.1 µm		DUPLICATE: Y ☒		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-181	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-181	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-181	1	PE	250 mL	HNO3	-	*	Iron, Mercury, Sodium
17S1CC-181	1	PE	250 mL	H2SO4	-	*	Ammonia Nitrogen
17S1CC-181	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS: *This well historically draws down, +/- 10 feet.*

* Verified Sample pH as <2 or >12 (as applicable) at **MW-11**

** Screened interval referenced is depth below Top of Casing

Sky Conditions: **Clear** Ambient Air Temperature: **18°C** *slight cloudy white haze to begin.*

Approx. Wind Speed and Direction: **0-15 W** *Be careful placing well spacer*

Grundfos Settings: **HZ** Peristaltic Setting: **15** *use 2 cpm 22 fill / 8 discharge @ 65*

Bladder Pump: CPM **2** Refill/Discharge **15** sec Pressure **70** PSI *(15/15 @ 70 psi is too fast for this well.)*

Total Tubing Length: **15** feet (New Tubing) *15*

COMMENTS: Total Well Depth = **138** by **15/15** date **1/24/17**

Note: 3/8" tubing at this well.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-3	WELL WACS NO: 150	SAMPLE ID: 17S1CC-3	DATE: 1/24/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 3/8"	SCREEN LENGTH: 20 ft From 98.65 ft to 118.65 ft	STATIC DEPTH TO WATER (feet): 113.38	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (118.65 feet - 113.38 feet) X 0.14 gallons/foot = 0.8 gallons				Water Level measured with: MPM-GNV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.006 X 125) + 0.123 = 1.0 gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 117	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 117	PURGING INITIATED AT: 1458	PURGING ENDED AT: 1528	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1508	0.8	0.8	0.08	**	5.03	21.6	83	6.20	1.02	None CLEAR	None	303.7
1518	0.8	1.6	↓	**	4.99	21.5	83	6.16	0.44	↓	↓	324.1
1528	0.8	2.4	↓	**	4.93	21.5	82	6.13	0.19	↓	↓	339.5
** = water level is below top of dedicated well pump												

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1535
PUMP OR TUBING DEPTH IN WELL (feet): 117	SAMPLE PUMP VOC Sampling Rate 100-400 mL/min ☒ FLOW RATE Other Samples Rate (mL/min): 1-300		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ N	FIELD-FILTERED: Y ☒ N FILTER SIZE: 0.45 µm		DUPLICATE: Y ☒ N		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	*CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-165 ³	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-165 ³	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-165 ³	1	PE	250 mL	HNO3	-	*	Iron, Mercury, Sodium
17S1CC-165 ³	1	PE	250 mL	H2SO4	-	*	Ammonia Nitrogen
17S1CC-165 ³	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS: *Well volume is less than system volume. I will do system volume because well historically draws down.*
 * Verified Sample pH as <2 or >12 (as applicable) at **MW-11**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Clear** Ambient Air Temperature: **20°C**
 Approx. Wind Speed and Direction: **5-10 W**
 Grundfos Settings: **—** HZ Peristaltic Setting: **—**
 Bladder Pump: CPM **2** Refill/Discharge **20/10** sec Pressure **60** PSI
 Total Tubing Length: **—** feet (New Tubing)

COMMENTS: Total Well Depth = **—** by **—** date **—**

3/8" tubing here for dedicated bladder pump.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-19 <i>Flush mount well</i>	WELL WACS NO: 22710	SAMPLE ID: 17S1CC-19	DATE: 1/25/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 10 ft From 129.95 ft to 139.95 ft	STATIC DEPTH TO WATER (feet): 106.98	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (139.95 feet - 106.98 feet) X 0.16 gallons/foot = 5.3 gallons				Water Level measured with: MPM-6NV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) N/A = gallons + (gallons/foot X feet) + gallons = gallons				PURGE METHOD: 2.3
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 138		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 138		PURGING INITIATED AT: 8935
				PURGING ENDED AT: 1016
				TOTAL VOLUME PURGED (gallons): 8.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1002	5.3	5.3	0.2	108.14	5.74	23.0	117	0.59	7.21	None Clear	None	133.2
1009	1.4	6.7	↓	108.14	5.74	23.0	117	0.41	6.07	↓	↓	127.2
1016	1.4	8.1	↓	108.14	5.74	23.0	118	0.33	5.99	↓	↓	120.6

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1018	SAMPLING ENDED AT: 1022
PUMP OR TUBING DEPTH IN WELL (feet): 138		SAMPLE PUMP VOC Sampling Rate 100-400 mL/min ☒ FLOW RATE Other Samples Rate (mL/min): 1-755		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP
FIELD DECONTAMINATION: Y ☒ N		FIELD-FILTERED: Y ☒ N FILTER SIZE: _____ µm Filtration Equipment Type: _____		DUPLICATE: Y ☒ N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-201 <i>19</i>	2 <i>8/10m</i>	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-201	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-201	1	PE	250 mL	HNO3	-	X	Iron, Mercury, Sodium
17S1CC-201 <i>19</i>	1	PE	250 mL	H2SO4	-	X	Ammonia Nitrogen
17S1CC-201 <i>19</i>	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS: *Slight white haze to begin. Not sampling for metals so turbidity does not need to be < 5 NTU. 10m*

* Verified Sample pH as <2 or >12 (as applicable) at *MW-19*

** Screened interval referenced is depth below Top of Casing

Sky Conditions: *Clear* Ambient Air Temperature: *16°C*

Approx. Wind Speed and Direction: *0-5 E*

Grundfos Settings: _____ HZ Peristaltic Setting: _____

Bladder Pump: CPM *2* Refill/Discharge *17/13* sec Pressure *70* PSI

Total Tubing Length: _____ feet (New Tubing)

Can go a little slower, try 65psi

COMMENTS: Total Well Depth = _____ by _____ date _____

Flush mount well, vented 15 minutes before reading level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-10 <i>Flush mount well</i>	WELL WACS NO: 22010	SAMPLE ID: 17S1CC-10	DATE: 1/25/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 100.50 ft to 120.50 ft	STATIC DEPTH TO WATER (feet): 106.89	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (120.50 feet - 106.89 feet) X $\frac{0.16}{\text{gallons/foot}}$ = 2.2 gallons				Water Level measured with: MPM-GNV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $1 = 0.15 + (0.0026 \times 125) + 0.123 = 0.6$ = gallons + (gallons/foot X feet) + gallons = gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 118	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 118	PURGING INITIATED AT: 1034	PURGING ENDED AT: 1120	TOTAL VOLUME PURGED (gallons): 3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1102	2.2	2.2	0.07	107.93	4.80	23.1	50	0.44	81.2	<i>Hazy White</i>	<i>None</i>	39.2
1111	0.6	2.8	↓	107.93	4.81	23.2	50	0.34	105	↓	↓	18.3
1120	0.6	3.4	↓	107.93	4.81	23.2	51	0.28	109	↓	↓	8.7
										<i>0.17 after filtering</i>		

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1122	SAMPLING ENDED AT: 1129
PUMP OR TUBING DEPTH IN WELL (feet): 118	SAMPLE PUMP VOC Sampling Rate 100-400 mL/min ☒ FLOW RATE Other Samples Rate (mL / min): 295		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒	FIELD-FILTERED: ☒ N FILTER SIZE: 1 µm Filtration Equipment Type: <i>high capacity in line</i>		DUPLICATE: Y ☒		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-10	3	CG	40 mL	HCl	-	<i>N/A</i>	8260 AP1 LOW
17S1CC-10	2	CG	40 mL	4°C	-	<i>N/A</i>	8011 EDB
17S1CC-10	1	PE	250 mL	HNO3	-	<i>≤ 2</i>	Iron, Mercury, Sodium
17S1CC-10	1	PE	250 mL	H2SO4	-	<i>≤ 2</i>	Ammonia Nitrogen
17S1CC-10	1	PE	250 ML	4°C	-	<i>N/A</i>	Chlorides, Nitrate, TDS
17S1CC-10	1	PE	250mL	HNO3	-	<i>≤ 2</i>	Fe, Hg, Na / Field filtered

REMARKS: *Purge water clear to begin then turned white as it purged.*
 * Verified Sample pH as <2 or >12 (as applicable) at *MW-10*
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: *Clear* Ambient Air Temperature: *20°C*
 Approx. Wind Speed and Direction: *0-10 SW*
 Grundfos Settings: *—* HZ Peristaltic Setting: *—*
 Bladder Pump: CPM *2* Refill/Discharge *15/15* sec Pressure *55* PSI
 Total Tubing Length: *—* feet (New Tubing)

COMMENTS: Total Well Depth = *—* by *—* date *—*

Flush mount well vented > 15 minutes before reading water level

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-18	WELL WACS NO: 22709	SAMPLE ID: 17S1CC-18	DATE: 1/24/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 99.70 ft to 119.70 ft	STATIC DEPTH TO WATER (feet): 109.09	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (119.70 feet - 109.09 feet) X ^{0.16} gallons/foot = 1.7 gallons				Water Level measured with: MPM-6NV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 125) + 0.123 = 0.6 gallons				PURGE METHOD: FS2222
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 118	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 118	PURGING INITIATED AT: 1143	PURGING ENDED AT: 1213	TOTAL VOLUME PURGED (gallons): 1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1203	1.2	1.2	0.06	115.45	5.08	23.2	43	0.86	10.7	slight haze	None	236.7
1213	0.6	1.8	↓	**	5.09	23.1	43	0.72	82.7	yellow/brown haze	↓	248.1
** water level below top of well pump												

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1215	SAMPLING ENDED AT: 1218
PUMP OR TUBING DEPTH IN WELL (feet): 118	SAMPLE PUMP VOC Sampling Rate 100-400 mL/min ☒ FLOW RATE Other Samples Rate (mL/min): N/A		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ (N)	FIELD-FILTERED: Y ☒ (N) FILTER SIZE: _____ µm		DUPLICATE: Y ☒ (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-208 ¹⁸²	3	CG	40 mL	HCl	-	N/A	Benzene, methylene chloride and 8260 AP1 LOW vinyl chloride 8011 EDB Iron, Mercury, Sodium Ammonia Nitrogen Chlorides, Nitrate, TDS
17S1CC-205	2	CG	40 mL	4°C	-		
17S1CC-206	1	PE	250 mL	HNO3	-		
17S1CC-205	1	PE	250 mL	H2SO4	-		
17S1CC-205	1	PE	250 mL	4°C	-		

REMARKS: This well goes dry - doing dry well purge. Well gets more turbid as water level draws down.

* Verified Sample pH as <2 or >12 (as applicable) at **N/A**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Clear** Ambient Air Temperature: **23°C**
 Approx. Wind Speed and Direction: **0-7 W/SW**

Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM **2** Refill/Discharge **20/10** sec Pressure **60 PSI**
 Total Tubing Length: _____ feet (New Tubing)

Go slower next event ^{1/2} 55psi

COMMENTS: Total Well Depth = _____ by _____ date _____

Flush mount well vented 15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: EQUBLK#1	WELL WACS NO: 0	SAMPLE ID: 17S1CC-EQB1	DATE: 1/25/17

PURGING DATA

WELL DIAMETER(in): N/A	TUBING DIAMETER (in): N/A	SCREEN LENGTH: N/A ft From 0 ft to 0 ft**	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE:
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (0 feet - feet) X N/A gallons/foot = gallons				Water Level measured with: 0
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = 0 gallons + (N/A gallons/foot X feet) + N/A gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT:
				PURGING ENDED AT:
				TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
<i>S. Messick</i>												

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1235	SAMPLING ENDED AT: 1240
PUMP OR TUBING DEPTH IN WELL (feet): N/A	SAMPLE PUMP VOC Sampling Rate 100-400 mL/min ☒ FLOW RATE Other Samples Rate (mL / min): 1/500		TUBING MATERIAL CODE: N/A	SAMPLING EQUIPMENT CODE: None	
FIELD DECONTAMINATION: Y ☒		FIELD-FILTERED: Y ☒ FILTER SIZE: µm Filtration Equipment Type:		DUPLICATE: Y ☒	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	* CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-EQB1	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-EQB1	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-EQB1	1	PE	250 mL	HNO3	-	X	Iron, Mercury, Sodium
17S1CC-EQB1	1	PE	250 mL	H2SO4	-	X	Ammonia Nitrogen
17S1CC-EQB1	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at **MW-10**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Clear** Ambient Air Temperature: **24°C**
 Approx. Wind Speed and Direction: **0-10 W/SW**

Grundfos Settings: HZ Peristaltic Setting:
 Bladder Pump: CPM Refill/Discharge sec Pressure PSI
 Total Tubing Length: feet (New Tubing)

COMMENTS: Total Well Depth = by date

*Lab bottle blank - with distilled water
 Zeph. dist. water lot #110616313 WEF233*

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-21 <i>Flush mount well</i>	WELL WACS NO: 27449	SAMPLE ID: 17S1CC-21	DATE: 1/25/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 105.40 ft to 125.40 ft	STATIC DEPTH TO WATER (feet): 109.05	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (125.40 feet - 109.05 feet) X 0.16 gallons/foot = 2.6 gallons				Water Level measured with: MPM-GNV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 130) + 0.123 = 0.61 gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 124	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 124	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1326	TOTAL VOLUME PURGED (gallons): 3.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1214	2.6	2.6	0.10	109.64	5.10	23.9	156	0.43	30.5	<i>light white haze</i>	None	33.9
1320	0.6	3.2	↓	109.64	5.10	24.0	158	0.38	25.1	↓	↓	28.9
1326	0.6	3.8	↓	109.64	5.10	24.0	159	0.34	23.3	↓	↓	29.2
0.19 after filtering												

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1326	SAMPLING ENDED AT: 1336
PUMP OR TUBING DEPTH IN WELL (feet): 124	SAMPLE PUMP VOC Sampling Rate 100-400 ml/min ☒ FLOW RATE Other Samples Rate (mL/min): 1/410		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒ N	FIELD-FILTERED: ☒ N FILTER SIZE: 1 µm Filtration Equipment Type: high capacity inline		DUPLICATE: Y ☒ N		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-21 <i>1/410</i>	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-21 <i>1/410</i>	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-21 <i>1/410</i>	1	PE	250 mL	HNO3	-	N/A	Iron, Mercury, Sodium
17S1CC-21 <i>1/410</i>	1	PE	250 mL	H2SO4	-	N/A	Ammonia Nitrogen
17S1CC-21 <i>1/410</i>	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS
17S1CC-21	1	PE	250 mL	HNO3	-	N/A	Fe, Hg, Na / Field Filtered

REMARKS: *Turbidity historically > 5 NTU - Field filtering an extra metals bottle.*

* Verified Sample pH as <2 or >12 (as applicable) at **MW-10**

** Screened interval referenced is depth below Top of Casing

Sky Conditions: **Clear** Ambient Air Temperature: **24°C**

Approx. Wind Speed and Direction: **0-10 w/sw**

Grundfos Settings: **—** HZ Peristaltic Setting: **—**

Bladder Pump: CPM **2** Refill/Discharge **15/15** sec Pressure **60** PSI

Total Tubing Length: **—** feet (New Tubing)

COMMENTS: Total Well Depth = **—** by **—** date **—**

Flush mount well vented > 15 minutes before reading water level.

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Central Class I LF		SITE LOCATION: Lecanto, Florida	
WELL NO: MW-20 <i>Flush Mount well</i>	WELL WACS NO: 23691	SAMPLE ID: 17S1CC-20	DATE: 1/25/17

PURGING DATA

WELL DIAMETER(in): 2" PVC	TUBING DIAMETER (in): 1/4"	SCREEN LENGTH: 20 ft From 105.70 ft to 125.70 ft	STATIC DEPTH TO WATER (feet): 113.05	PURGE PUMP TYPE: Dedicated BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 1 WELL VOLUME = (125.70 feet - 113.05 feet) X 0.16 gallons/foot = 2.0 gallons				Water Level measured with: MPM-GUV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) 1 = 0.15 + (0.0026 X 130) + 0.123 = 0.61 = gallons + (gallons/foot X feet) + gallons = gallons				PURGE METHOD: 2.5
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 124	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 124	PURGING INITIATED AT: 1413	PURGING ENDED AT: 1444	TOTAL VOLUME PURGED (gallons): 3.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1432	2.0	2.0	0.1	113.49	6.26	25.3	727	0.22	1.61	None Clear	None	-88.2
1438	0.6	2.6	↓	113.49	6.26	25.3	722	0.21	2.21	↓	↓	-86.3
1444	0.6	3.2	↓	113.49	6.26	25.2	728	0.20	1.05	↓	↓	-87.1

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: Steve Messick / Jones Edmunds & Associates Inc.		SAMPLER(S) SIGNATURES: <i>Steve Messick</i>		SAMPLING INITIATED AT: 1446	SAMPLING ENDED AT: 1451
PUMP OR TUBING DEPTH IN WELL (feet): 124	SAMPLE PUMP VOC Sampling Rate 100-400 µl/min ☒ FLOW RATE Other Samples Rate (mL/min): 7.380		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: DBP	
FIELD DECONTAMINATION: Y ☒	FIELD-FILTERED: Y ☒ FILTER SIZE: 0.1 µm Filtration Equipment Type: 		DUPLICATE: Y ☒		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH*	
17S1CC-20	3	CG	40 mL	HCl	-	N/A	8260 AP1 LOW
17S1CC-20	2	CG	40 mL	4°C	-	N/A	8011 EDB
17S1CC-20	1	PE	250 mL	HNO3	-	*	Iron, Mercury, Sodium
17S1CC-20	1	PE	250 mL	H2SO4	-	*	Ammonia Nitrogen
17S1CC-20	1	PE	250 ML	4°C	-	N/A	Chlorides, Nitrate, TDS

REMARKS: *Light brown tint to begin*

* Verified Sample pH as <2 or >12 (as applicable) at **MW-10**
 ** Screened interval referenced is depth below Top of Casing
 Sky Conditions: **Clear** Ambient Air Temperature: **25°C**
 Approx. Wind Speed and Direction: **2-10 W**

Grundfos Settings: **—** HZ Peristaltic Setting: **—**
 Bladder Pump: CPM **2** Refill/Discharge **15/15** sec Pressure **60** PSI
 Total Tubing Length: **—** feet (New Tubing)

COMMENTS: Total Well Depth = **—** by **—** date **—**
Flush mount well vented 15 minutes before reading water level.

324 S. Hyde Park Ave., Suite 250
Tampa, Florida 33606
Ph. (813) 258-0703 • Fax: (813) 254-6860

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE		PROJECT NO.		MATRIX TYPE		REQUIRED ANALYSIS		PAGE		OF		
Citrus County LE		03860-056-01-6401						1		1		
SAMPLER(S) NAME				SURFACE WATER GROUND WATER WASTEWATER DRINKING WATER SOIL/SOLID/SEDIMENT NONAQUEOUS LIQUID (oil, solvent, etc.) AIR SLUDGE OTHER		Ammonia 250.1 Chloride 300 Iron Total Mercury Total Sodium Total Nitrate NH 300 TD5 Appendix 1 FL EPA Copper, MCLV		☒ STANDARD REPORT DELIVERY				
CLIENT NAME								☐ EXPEDITED REPORT REQUIRED				
LABORATORY NAME AND ADDRESS								Date Due: _____				
ENCO Lab - Orlando, FL.												
SAMPLE				FIELD IDENTIFICATION NUMBER		PRESERVATIVE		NUMBER OF CONTAINERS SUBMITTED		REMARKS		
STATION	DATE	TIME	GRAB	COMP								
1 MW-19	1/25/17	1018	✓		1751CC-19	✓					2	
2 MW-10		1122	✓		1751CC-10	✓					2	plus field filter and dissolved metals / mic.
3 MW-18		1215	✓		1751CC-18	✓					2	
4 EQU BLK #1		1235	✓		1751CC-EQB1						2	new lab bottle blank w/ distilled water plus field filter and total metals / mic.
5 MW-21		1328	✓		1751CC-21	✓					2	
6 MW-20		1446	✓		1751CC-20	✓					2	
7 TB3 Blank #3					1751CC-TB3						2	QA/QC
8												
9												
10												
11												
12												
13												
14												
INITIAL KITS RECEIVED BY		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	
Steve Messick		1/20/17	1545	Steve Messick		1/25/17	1530					
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	
SHIPPING METHOD				SHIPMENT ORIGIN				SHIPMENT DESTINATION				
Greyhound Bus Priority				Gainesville, FL.				ENCO Lab - Orlando, FL.				
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE	TIME	CUSTODY INTACT		LAB LOG NO.		REMARKS				
				☐ YES ☐ NO				Original kits received from ENCO Lab Lab Workorder # AA00410				

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Citrus County Landfill DATE 1/23/17
INSTRUMENT (MAKE/MODEL#) YSI 556 MPS INSTRUMENT # YSI - GNV - 03
Instrument Gain 5.054 Date Determined 1/23/17 (Acceptable Gain = Acceptable Slope)
(Range -5.597 to -4.579 acceptable) (Check Instrument Gain at the beginning of each week)

PARAMETER: [check only one]

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☒ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL CI ☐ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 7.00 SU Lot # UX1 Expiration Date 03/2018
Standard B 4.01 SU Lot # UX1 Expiration Date 03/2018
Standard C 10.00 SU Lot # UV1 Expiration Date 05/2018
Standard D 6.86 SU Lot # TQ1 Expiration Date 10/2017

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (SU)	INSTRUMENT RESPONSE (SU)	(+/- 0.2 SU) DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
17/01/23	1208	A	7.00	7.01/7.00	Ø	Yes	Init.	Ann
	1209	B	4.01	4.01	Ø	Yes	Init.	Ann
	1211	C	10.00	9.98/10.00	Ø	Yes	Init.	Ann
	1214	D	6.86	6.86	Ø	Yes	Init.	Ann
	1539	A	7.00	7.01	0.01	Yes	Cont.	Ann
✓	1541	B	4.01	4.02	0.01	Yes	Cont.	Ann
17/01/24	0918	A	7.00	7.05	0.05	Yes	Init.	Ann
	0919	B	4.01	4.04	0.03	Yes	Init.	Ann
	0920	C	10.00	10.04	0.04	Yes	Init.	Ann
	1651	A	7.00	7.03	0.03	Yes	Cont.	Ann
	1652	B	4.01	4.02	0.01	Yes	Cont.	Ann
✓	1653	C	10.00	9.99	0.01	Yes	Cont.	Ann
17/01/25	0913	A	7.00	7.07	0.07	Yes	Init.	Ann
	0914	B	4.01	4.04	0.03	Yes	Init.	Ann
	0915	C	10.00	10.07	0.07	Yes	Init.	Ann
	1509	A	7.00	7.06	0.06	Yes	Cont.	Ann
✓	1510	B	4.01	4.02	0.01	Yes	Cont.	Ann

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Citrus County Landfill DATE 1/23/17
INSTRUMENT (MAKE/MODEL#) YSI 556 MPS INSTRUMENT # YSI - GNV - 03
PARAMETER: [check only one]

☐ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL CI ☐ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 1413 uS/cm Lot # UW1 Expiration Date 04/2018
Standard B 447 uS/cm Lot # 701 Expiration Date 12/2017
Standard C 84 uS/cm Lot # UW1 Expiration Date 04/2018
Standard D _____ uS/cm Lot # _____ Expiration Date _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (uS/cm)	INSTRUMENT RESPONSE (uS/cm)	(+/- 5%) DEV	CALIBRATE D (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
17/01/23	1218	A	1413	1419/1413	0	Yes	Init.	sm
	1220	B	447	449	<1	Yes	Init.	sm
	1221	C	84	88	<5	Yes	Init.	sm
	1544	C	84	86	<3	Yes	Cont.	sm
	1545	B	447	446	<1	Yes	Cont.	sm
	1546	A	1413	1410	<1	Yes	Cont.	sm
17/01/24	0923	A	1413	1426	<1	Yes	Init.	sm
	0924	B	447	453	<2	Yes	Init.	sm
	0925	C	84	87	<4	Yes	Init.	sm
	1656	C	84	87	<4	Yes	Cont.	sm
	1657	B	447	453	<2	Yes	Cont.	sm
	1658	A	1413	1420	<1	Yes	Cont.	sm
17/01/25	0918	A	1413	1425	<1	Yes	Init.	sm
	0920	B	447	453	<2	Yes	Init.	sm
	0921	C	84	88	<5	Yes	Init.	sm
	1514	C	84	87	<4	Yes	Cont.	sm
	1515	B	447	451	<1	Yes	Cont.	sm
	1516	A	1413	1426	<1	Yes	Cont.	sm

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Citrus County Landfill DATE 1/23/17
INSTRUMENT (MAKE/MODEL#) Hach 2100P INSTRUMENT # TB-GNV-01
Instrument Calibration Date: 01/06/17 Reference Meter Book: Steve - 01

PARAMETER: [check only one]

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☒ TURBIDITY ☐ RESIDUAL CI ☐ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A Gel Standard 3.64 NTU

Standard B Gel Standard 41.0 NTU

Standard C Gel Standard 437 NTU

Standard D Measurement Cell + Distilled Water <0.25NTU

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (NTU)	INSTRUMENT RESPONSE (NTU)	(+/- 6.5%) DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
12/01/23	1224	A	3.64	3.56	<3	Yes	Init.	sm
	1225	B	41.0	41.2	<1	Yes	Init.	sm
	1225	D	≤0.25	0.21	—	—	Init.	sm
	1547	A	3.64	3.59	<2	Yes	Cont.	sm
	1547	B	41.0	40.8	<1	Yes	Cont.	sm
↓	1548	D	≤0.25	0.20	—	—	Cont.	sm
17/01/24	0926	A	3.64	3.64	∅	Yes	Init.	sm
	0927	B	41.0	41.3	<1	Yes	Init.	sm
	0927	D	≤0.25	0.24	—	—	Init.	sm
	1700	A	3.64	3.66	<1	Yes	Cont.	sm
	1700	B	41.0	41.3	<1	Yes	Cont.	sm
↓	1701	D	≤0.25	0.19	—	—	Cont.	sm
17/01/25	0922	A	3.64	3.58	<2	Yes	Init.	sm
	0923	B	41.0	41.0	∅	Yes	Init.	sm
	0924	D	≤0.25	0.16	—	—	Init.	sm
	1518	A	3.64	3.57	<2	Yes	Cont.	sm
	1519	B	41.0	41.2	<1	Yes	Cont.	sm
	1519	C	437	435	<1	Yes	Cont.	sm
↓	1520	D	≤0.25	0.19	—	—	Cont.	sm

REFERENCE FACTORS FOR FIELD SAMPLING DATA SHEETS

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02
	1" = 0.04
	1.25" = 0.06
	2" = 0.16
	3" = 0.37
	4" = 0.65
	5" = 1.02
	6" = 1.47
	12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006
	3/16" = 0.0014
	1/4" = 0.0026
	5/16" = 0.004
	3/8" = 0.006
	1/2" = 0.010
	5/8" = 0.016

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene;
PP = Polypropylene; S = Silicone; T = Teflon; O = Other

SAMPLING/PURGING APP = After Peristaltic Pump B = Bailer BP = Bladder Pump
ESP = Electric Submersible Pump PP = Peristaltic Pump

EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump O = Other (Specify)
SM = Straw Method (Tubing Gravity Drain) VT = Vacuum Trap

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units

Temperature: ± 0.2 °C

Specific Conductance: $\pm 5\%$

Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2)
optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater)

Turbidity: all readings ≤ 20 NTU
optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

<u>gal/min</u>	<u>=</u>	<u>ml/min</u>	<u>gal/min</u>	<u>=</u>	<u>ml/min</u>	<u>gal/min</u>	<u>=</u>	<u>ml/min</u>
0.026		100	0.211		800	0.396		1500
0.053		200	0.238		900	0.423		1600
0.079		300	0.264		1000	0.449		1700
0.106		400	0.291		1100	0.476		1800
0.132		500	0.317		1200	0.502		1900
0.159		600	0.343		1300	0.528		2000
0.185		700	0.370		1400			

GENERAL SAMPLING NOTES AND CONVENTIONS

1. All sampling was performed according to the FDEP Standard Operating Procedures as listed in DEP-SOP-001/01 (Field Procedures) dated March 31, 2008 (Effective 12/3/08).
2. Field cleaning and decontamination has been done in accordance with DEP-SOP-001/01 (Field Procedures), FC-1000.
3. Tubing and filter cartridge lot numbers for all sampling points and wells are the same as those listed for that tubing type on the Equipment Blank data form(s) covering that equipment system.
4. Tubing suppliers/manufacturers are named in the following list:
 - HDPE disposable tubing US Plastics
 - Tygon tubing Cole Parmer
 - Norprene tubing Cole Parmer
 - Silicon tubing Cole Parmer
5. Field instrument calibrations were conducted in accordance with DEP-SOP-001/01 (Field Procedures), FT1000.
6. Calibration solution and gas suppliers are named in the following list:
 - pH calibration solutions Cole Parmer/Oakton
 - Conductivity calibration solutions Cole Parmer/Oakton
 - Dissolved Oxygen probe membranes YSI
 - ORP calibration solutions YSI
 - Turbidity calibration solutions/gel standards Hach
 - TVA calibration gas cylinders Praxair
 - Eagle RKI calibration gas cylinders Praxair
7. All samples collected were grab samples.
8. All sample containers requiring added preservative were supplied pre-preserved from the laboratory. No additional preservative was added in the field.
9. A combination of a front-bumper-mounted gasoline generator and an electric air compressor or compressed nitrogen are used to power the Grundfos electric submersible pump and bladder pump systems, as appropriate.
10. Screened intervals are assumed to be at the bottom of all monitoring wells sampled.
11. Well purge method indications on the field data sheets correspond to DEP-SOP-001/01 (Field Procedures), FS2000 sections as indicated below:

<u>Data Sheet Designation</u>	<u>SOP Designation</u>
2.3	FS 2212.2.3
2.4	FS 2212.2.4
2.5	FS 2212.2.5
2222 or 3.7.1	FS 2222 or 2212.3.7.1
Private	FS 2215.1 & 2215.2 (Jones Edmunds SOP for private well sampling)

Comments or Exceptions

ATTACHMENT 7

HISTORICAL DATA SUMMARY

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ANTIMONY, DISSOLVED	ARSENIC
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	6 µg/L* µg/L	10 µg/L* µg/L
Background															
MW-3	01/18/2012	-	-	5.56	-	-	-	-	0.026	6	0.84	<10	<2.3	-	<1.3
MW-3	07/19/2012	-	-	10.69	-	-	-	-	0.47	13	5.9	80	<2.3	-	<1.3
MW-3	01/22/2013	-	-	8.09	-	-	-	-	<0.026	9.5	3.1	42	<2.3	-	<1.3
MW-3	07/16/2013	-	-	8.06	-	-	-	-	0.031 I	7.9	2.2	38	<2.3	-	<1.3
MW-3	01/22/2014	44	3.48	6.86	4.86	-	19.5	0.55	<0.026	7.6	1.2	8	<2.3	-	<1.3
MW-3	07/22/2014	67	1.37	6.90	4.88	-	26.2	4.6	0.14 J	8.8	3	46	<2.3	-	<1.3
MW-3	01/21/2015	56	4.15	7.77	4.70	-	22.0	0.51	0.11	10	5.8	66	<2.3	-	<1.3
MW-3	07/22/2015	71	3.95	6.31	4.65	-	25.6	1.81	<0.1	7.7	1.7	54	<2.3	-	<1.3
MW-3	03/22/2016	58	3.36	7.98	4.58	159	22.4	1.7	<0.1	7.7	3.7	28	<0.5	-	<1.5
MW-3	07/26/2016	64	3.9	6.98	4.63	170	23.7	1.21	<0.1	8.0	1.80	40	<0.5	-	<1.5
MW-3	01/24/2017	82	6.13	6.93	4.93	339.5	21.5	0.19	<0.0073	12	11	120	<2.50	-	<6.10
MW-7	01/18/2012	86	0.22	5.67	5.1	-	22.8	2.5	<0.01	4	<0.1	44	<2.3	-	8.7
MW-7	07/18/2012	80	0.22	6.87	4.94	-	23.7	1.4	0.084	4	<0.1	52	<2.3	-	7.1
MW-7	01/22/2013	85	0.19	8.06	5.29	-	23.5	1.28	0.042 I	4.9	<0.1	54	<2.3	-	9.1
MW-7	07/16/2013	100	0.27	6.42	4.2	-	25.4	1.2	0.046 I	4.9	<0.1	46	<2.3	-	11
MW-7	01/22/2014	81	0.14	6.80	5.24	-	22.8	1.11	0.039 I	4.8	<0.1	42	<2.3	-	8.5
MW-7	07/22/2014	118	0.15	8.69	5.15	-	25.6	0.97	0.28	4.6	<0.1	66	<2.3	-	7.7
MW-7	01/21/2015	109	0.38	7.25	5.00	-	24.2	1.56	0.13	5.6	<0.1	58	<2.3	-	6.4
MW-7	07/22/2015	105	1.02	6.27	5.02	-	27.3	1.13	<0.1	6.2	<0.01	56	<2.3	-	7.7
MW-7	03/23/2016	80	0.62	7.82	5.03	16.0	23.3	1.3	<0.1	7.3	<0.01	50	<0.5	-	8.4
MW-7	07/26/2016	107	0.17	6.77	4.94	-48	25.7	3.58	<0.1	6.7	0.02 J	60	<0.5	-	7.6
MW-7	01/24/2017	100	1.02	6.81	5.24	132.5	22.9	1.05	0.013 I	6.5	<0.052	76	<2.50	-	7.34 I
Intermediate															
MW-6	01/18/2012	792	0.21	5.72	4.15	-	23.3	1.22	0.96	250 J	2.2	350	<2.3	-	<1.3
MW-6	07/18/2012	782	0.3	7.32	3.99	-	24.7	0.6	1.9	240	2.3	420	<2.3	-	<1.3
MW-6	02/20/2013	810	0.32	7.74	4.49	-	23.2	1.03	1.9	240	5.3	530	<2.3	-	1.8 I
MW-6	07/17/2013	811	0.59	6.56	4.4	-	25.5	0.56	1.6	230	5.4	380	<2.3	-	<1.3
MW-6	01/22/2014	885	0.32	7.00	4.37	-	22.4	1.05	-	280	-	410	-	-	<1.3
MW-6	07/23/2014	930	0.53	7.14	4.30	-	24.9	1.3	-	260	-	460	-	-	<1.3
MW-6	01/21/2015	851	1.37	7.38	4.38	-	23.6	0.43	-	240	-	460	-	-	<1.3
MW-6	07/23/2015	735	0.84	6.43	3.83	-	24.6	2.73	-	190	-	350	-	-	<1.3
MW-6	03/22/2016	906	0.56	7.70	4.43	115	23.9	0.6	-	240	-	420	-	-	<1.5
MW-6	07/25/2016	804	0.48	6.55	4.08	168	25.5	0.70	-	240	-	440	-	-	<1.5
Compliance															
MW-10	01/17/2012	53	0.37	5.32	4.51	-	22.6	75.1	<0.01	6.4	<0.1	22	<2.3	<2.3	2.8
MW-10	07/18/2012	51	0.31	7.99	4.47	-	23.7	38.7	0.39	4.2	<0.1	24	<2.3	<2.3	2.6

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ANTIMONY, DISSOLVED	ARSENIC
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	6 µg/L* µg/L	10 µg/L* µg/L
MW-10	01/24/2013	44	0.62	7.49	4.36	-	22.6	31.2	<0.026	6.7	<0.1	12	<2.3	<2.3	1.6 I
MW-10	07/16/2013	58	0.29	6.58	4.35	-	24.7	35.3	<0.026	6.5	<0.1	16	<2.3	<2.3	2.3 I
MW-10	01/21/2014	46	0.31	6.67	4.59	-	22.6	23.4	<0.026	6.3	<0.1	34	<2.3	<2.3	1.9 I
MW-10	07/22/2014	58	0.42	6.57	4.32	-	24.5	32.3	0.056	6.4	<0.1	20	<2.3	<2.3	2.3 I
MW-10	01/20/2015	55	1.53	7.22	4.48	-	22.7	23.5	0.16	6.5	<0.1	36	<2.3	<2.3	2.2 I
MW-10	07/22/2015	55	0.58	6.13	4.38	-	24.3	58.1	<0.1	6.1	0.016 I	28	<2.3	<2.3	1.8 I
MW-10	03/22/2016	61	0.87	7.25	4.28	35.5	22.6	48.1	<0.1	5.9	<0.01	22	<0.5	<2.3	3.1
MW-10	07/27/2016	50	0.35	6.37	4.37	-3.8	24.2	95.4	<0.1	5.9	<0.01	46	<0.5	<0.5	3.5
MW-10	01/25/2017	51	0.28	6.48	4.81	8.7	23.2	109	<0.0073	5.3	<0.052	56	<2.50	<2.50	<6.10
MW-11	01/18/2012	389	0.38	4.35	7.04	-	22.8	1.8	<0.01	4.8	0.23 I	220	<2.3	-	<1.3
MW-11	07/17/2012	383	0.41	7.07	6.75	-	23.3	0.66	0.35	5	1.1	200	<2.3	-	<1.3
MW-11	01/23/2013	406	0.27	5.84	6.79	-	23.2	1.41	<0.026	5.8	0.46 I	220	<2.3	-	<1.3
MW-11	07/16/2013	432	0.8	5.69	6.6	-	23.6	2.16	0.05	6	0.24 I	230	<2.3	-	<1.3
MW-11	01/22/2014	485	0.57	5.45	6.99	-	21.7	0.88	0.036 I	6.4	0.31 I	200	<2.3	-	<1.3
MW-11	07/22/2014	485	0.47	5.50	6.79	-	23.6	3.44	0.14	6.7	0.61	240	<2.3	-	<1.3
MW-11	01/20/2015	479	0.87	5.82	6.84	-	20.6	3.95	0.14	7.3	0.38 I	280	<2.3	-	<1.3
MW-11	07/22/2015	488	0.38	5.31	6.87	-	23.6	1.71	0.17 I	8.1	0.33	280	<2.3	-	<1.3
MW-11	03/24/2016	505	0.74	5.64	6.89	38.6	23.2	2.32	<0.1	7.7	0.37	260	<0.5	-	<1.5
MW-11	07/25/2016	478	0.24	5.35	6.84	35	23.9	1.94	<0.1	7.3	0.40	220	<0.5	-	<1.5
MW-11	01/24/2017	473	0.48	5.56	7.08	209.7	23.0	1.17	<0.0073	6.3	<0.052	270	<2.50	-	<6.10
MW-12	01/18/2012	679	0.12	4.38	6.58	-	23.1	1.74	0.2	4	<0.1	280	<2.3	-	3.3
MW-12	07/17/2012	544	0.32	7.12	6.76	-	24.6	11.3	0.94	3.4	<0.1	310	<2.3	<2.3	4.1
MW-12	01/23/2013	456	0.21	5.86	6.76	-	23.5	1.33	0.16	4.9	<0.1	240	<2.3	-	2.2 I
MW-12	07/17/2013	591	0.19	5.69	7	-	24.3	4.48	0.11	4.5	<0.1	290	<2.3	-	2.1 I
MW-12	01/22/2014	457	0.24	5.56	6.93	-	27.1	4.71	0.13	4.9	<0.1	240	<2.3	-	2.1 I
MW-12	07/22/2014	584	0.18	5.50	6.74	-	23.9	3.14	0.3	5.2	<0.1	280	<2.3	-	2.5
MW-12	01/20/2015	565	0.53	5.84	6.75	-	23.5	3.26	0.31	5.9	<0.1	330	<2.3	-	1.8 I
MW-12	07/22/2015	629	0.55	5.36	6.17	-	23.8	3.91	0.28	5.2	<0.01	340	<2.3	-	2.4 I
MW-12	03/24/2016	596	0.98	5.64	6.74	-63.7	23.2	3.01	0.29	5.6	<0.01	310	<0.5	-	2.4 I
MW-12	07/25/2016	628	0.19	5.38	6.58	-64	24.3	2.23	0.38	4.5	<0.01	340	<0.5	-	2.4 I
MW-12	01/24/2017	597	0.25	5.64	6.83	-85.3	23.1	2.53	0.50	3.4 I	<0.052	340	<2.50	-	<6.10
MW-13	01/17/2012	77	0.46	4.66	5.14	-	23.2	4.71	<0.01	6.2	<0.1	36	<2.3	-	4
MW-13	07/17/2012	82	0.26	6.73	5.29	-	23.9	4.27	0.1	5	<0.1	50	<2.3	-	4.8
MW-13	01/23/2013	70	0.47	6.14	5.03	-	23.1	3.53	0.029 I	5.8	<0.1	16	<2.3	-	3.6
MW-13	07/17/2013	83	0.25	5.65	5.15	-	23.9	3.29	<0.026	5.5	<0.1	48	<2.3	-	3.6
MW-13	01/22/2014	80	0.41	5.62	5.15	-	22.7	1.84	0.026 I	5.6	<0.1	24	<2.3	-	4.4
MW-13	07/23/2014	84	0.50	5.63	5.05	-	23.7	4.69	0.51 J	5.7	<0.1	40	<2.3	-	4.3
MW-13	01/20/2015	81	0.68	6.00	5.30	-	23.2	4.34	0.15	5.9	<0.1	54	<2.3	-	4.2

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ANTIMONY, DISSOLVED	ARSENIC
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	6 µg/L* µg/L	10 µg/L* µg/L
MW-13	07/22/2015	79	0.90	5.40	5.06	-	23.8	2.81	<0.1	5.7	<0.01	36	<2.3	-	3.9
MW-13	03/23/2016	49	0.68	6.25	5.04	11.8	23.6	3.41	<0.1	5	0.013 I	24	<0.5	-	4.4
MW-13	07/26/2016	66	0.32	5.59	4.89	-5	23.7	4.32	<0.1	5.1	0.026	36	<0.5	-	4.5
MW-13	01/24/2017	68	0.41	5.70	5.42	72.7	23.0	2.34	<0.0073	4.3 I	<0.052	60	<2.50	-	<6.10
MW-14	01/17/2012	471	0.36	4.46	6.72	-	23	2.18	<0.01	4.4 J	<0.1	230	<2.3	-	<1.3
MW-14	07/17/2012	466	0.23	7.1	6.79	-	23.4	4.85	0.16	3.6	<0.1	280	<2.3	-	<1.3
MW-14	01/23/2013	467	0.42	5.81	6.65	-	21.6	4.18	0.032 I	3.6	<0.1	260	<2.3	-	<1.3
MW-14	02/20/2013	496	0.49	5.51	6.83	-	22.6	1.7	-	-	-	-	-	-	-
MW-14	07/17/2013	529	0.33	5.71	6.94	-	23.8	0.73	<0.026	3.6	<0.1	270	<2.3	-	<1.3
MW-14	01/21/2014	431	0.10	5.46	6.91	-	22.9	4.93	0.034 I	3.5	<0.1	280	<2.3	-	<1.3
MW-14	07/23/2014	508	0.44	5.45	6.70	-	23.4	2.3	0.53	3.7	<0.1	260	<2.3	-	<1.3
MW-14	01/20/2015	497	0.39	5.84	6.78	-	23.0	0.79	0.16	3.7	<0.1	290	<2.3	-	<1.3
MW-14	07/22/2015	510	0.24	5.31	6.78	-	23.5	0.81	<0.1	3.5	0.3	280	<2.3	-	<1.3
MW-14	03/23/2016	416	0.56	5.74	6.67	25.0	23.2	0.69	<0.1	3.5	0.079	290	<0.5	-	<1.5
MW-14	07/25/2016	527	0.13	5.40	6.68	100	23.5	3.73	<0.1	3.8	<0.01	290	<0.5	-	<1.5
MW-14	01/23/2017	507	0.34	5.54	6.95	71.8	22.8	0.27	<0.0073	3.5 I	<0.052	300	<2.50	-	<6.10
MW-15	01/17/2012	41	0.14	4.85	4.29	-	22.1	1.06	0.025 J	3	<0.1	6	<2.3	-	5.6
MW-15	07/17/2012	47	0.15	6.56	4.56	-	22.5	3.91	0.19	2.8	<0.1	14	<2.3	-	4.9
MW-15	01/24/2013	48	0.39	6.48	4.69	-	22.1	1.47	0.1	3	<0.1	36	<2.3	-	3.7
MW-15	07/17/2013	50	0.38	5.72	5.14	-	23.3	0.78	0.085	2.8	<0.1	20	<2.3	-	3.7
MW-15	01/22/2014	48	0.19	5.88	5.09	-	26.7	4.33	0.1	2.6	<0.1	12	<2.3	-	3.9
MW-15	07/23/2014	51	0.37	5.80	4.24	-	22.9	3.55	0.67	2.6	<0.1	42	<2.3	-	4.1
MW-15	01/20/2015	51	0.80	6.22	4.55	-	22.5	2.26	0.21	2.8	<0.1	32	<2.3	-	4.1
MW-15	07/23/2015	51	0.65	5.53	4.73	-	22.9	0.69	<0.1	2.7	<0.01	26	<2.3	-	4.1
MW-15	03/23/2016	38	0.50	6.58	4.51	4.8	23.1	0.81	<0.1	3.1	0.018 I	14	<0.5	-	4.5
MW-15	07/25/2016	51	0.15	5.85	4.49	-2.5	23.4	1.83	<0.1	3.2	<0.01	36	<0.5	-	3.8
MW-15	01/23/2017	51	0.17	5.88	4.95	52.6	22.2	0.51	0.037	2.8 I	<0.052	60	<2.50	-	<6.10
MW-17	01/17/2012	55	0.12	4.61	4.92	-	23.3	3.53	0.047	3.5	<0.1	22	<2.3	-	2.7
MW-17	07/17/2012	50	0.24	7.38	4.69	-	23.7	4.06	<0.01	5.2	<0.1	18	<2.3	-	3.9
MW-17	01/23/2013	61	0.45	6.05	4.95	-	22.8	2.99	0.23	4.5	<0.1	16	<2.3	-	4
MW-17	07/17/2013	83	0.62	5.76	5.41	-	24.1	3.13	0.1	4.3	<0.1	36	<2.3	-	3.8
MW-17	01/21/2014	76	0.21	5.67	5.30	-	23.3	4.0	0.53	4.1	<0.1	44	<2.3	-	4
MW-17	07/23/2014	105	0.39	5.58	5.18	-	24.1	4.92	1.2	4.8	<0.1	50	<2.3	-	4.6
MW-17	01/20/2015	116	0.78	6.00	5.30	-	23.7	3.23	0.73	4.3	<0.1	64	<2.3	-	4.3
MW-17	07/22/2015	135	0.33	5.42	5.17	-	24.3	2.66	0.56	5	<0.01	68	<2.3	-	4.4
MW-17	03/23/2016	120	0.51	5.87	5.44	-55.7	24.0	4.44	0.3	4.5	0.02	60	<0.5	-	6.5
MW-17	07/25/2016	161	0.14	5.51	5.25	-63	24.7	2.25	0.51	4.6	<0.01	86	<0.5	-	6.5
MW-17	01/23/2017	177	0.18	5.68	5.65	-42.9	23.6	0.51	0.63	3.6 I	<0.052	110	<2.50	-	<6.10

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ANTIMONY, DISSOLVED	ARSENIC
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	6 µg/L* µg/L	10 µg/L* µg/L
MW-20	02/17/2011	460	0.33	6.11	5.57	-	24	4.69	-	-	-	-	-	-	-
MW-20	01/18/2012	411	0.22	5.56	5.58	-	22	4.85	1.2	25	<0.1	150	<2.3	-	7.5
MW-20	07/18/2012	369	0.21	7.58	5.49	-	24.8	4.82	1.8	26	<0.1	180	<2.3	-	9.1
MW-20	01/22/2013	523	0.15	7.64	6.15	-	23.9	4.18	0.66	33	<0.1	280	<2.3	-	7.9
MW-20	07/16/2013	420	0.48	6.36	5.39	-	26.1	2.63	0.71	31	<0.1	180	<2.3	-	6.9
MW-20	01/22/2014	372	0.22	6.65	5.94	-	22.8	1.53	0.74	30	<0.1	160	<2.3	-	8.5
MW-20	07/22/2014	350	0.10	6.76	5.67	-	25.7	1.78	1.2	29	<0.1	160	<2.3	-	8
MW-20	01/21/2015	419	1.1	7.03	5.91	-	24.3	2.83	0.95	31	<0.1	210	<2.3	-	7
MW-20	07/22/2015	410	0.27	6.21	5.68	-	25.3	4.29	0.24 I	29	<0.01	190	<2.3	-	7.7
MW-20	03/22/2016	689	0.41	7.31	5.92	-49	24.9	1.82	0.67 J	41	<0.01	240	<0.5	-	8.8
MW-20	07/26/2016	700	0.10	6.47	6.12	-106	25.8	2.48	0.65	39	0.066	260	<0.5	-	8.2
MW-20	01/25/2017	728	0.20	6.71	6.26	-87.1	25.2	1.05	0.95	43	<0.052	220	<2.50	-	8.62 I
MW-21	02/17/2011	70	0.34	5.62	4.82	-	23	4.89	-	-	-	-	-	-	-
MW-21	01/17/2012	79	0.41	5.33	4.56	-	23.1	55.9	1.7	4.1	<0.1	24	<2.3	<2.3	2.7
MW-21	07/19/2012	66	0.31	7.83	4.48	-	24.5	30.9	1.5	4.2	<0.1	20	<2.3	<2.3	2 I
MW-21	01/22/2013	62	0.32	7.41	4.74	-	23	21.8	1.6	4.8	<0.1	28	<2.3	<2.3	3
MW-21	07/16/2013	62	0.33	6.91	3.91	-	25.5	52.5	1.2	4.5	<0.1	22	<2.3	<2.3	2.8
MW-21	01/21/2014	75	0.34	6.70	4.74	-	22.5	37.9	1.7	4.7	<0.1	56	<2.3	<2.3	3.7
MW-21	07/22/2014	77	0.48	6.61	4.57	-	24.8	33.1	2.5	4.4	<0.1	42	<2.3	<2.3	3.4
MW-21	01/20/2015	97	0.97	7.14	4.54	-	23.5	27.2	2	4.5	<0.1	64	<2.3	<2.3	3.3
MW-21	07/23/2015	113	0.87	6.13	4.20	-	24.5	55.8	2	4.4	<0.01	78	<2.3	<2.3	3.6
MW-21	03/22/2016	109	0.42	7.14	4.64	29.8	23.3	14.2	1.8	4.5	<0.01	20	<0.5	<2.3	4.8
MW-21	07/27/2016	97	0.35	6.33	4.61	1.4	25.2	19.4	1.7 J	3.8	0.013 I	44	<0.5	<0.5	4.4
MW-21	01/25/2017	159	0.34	6.58	5.10	29.2	24.0	23.3	1.4	3.6 I	<0.052	92	<2.50	<2.50	<6.10
Assessment															
MW-18	01/17/2012	59	1.08	5.33	4.92	-	22.7	13.1	-	-	-	-	-	-	-
MW-18	07/17/2012	61	2.04	10.81	4.9	-	23.5	7.16	-	-	-	-	-	-	-
MW-18	01/24/2013	49	1.57	7.62	4.79	-	20.3	47.2	-	-	-	-	-	-	-
MW-18	07/16/2013	58	0.9	8.22	3.9	-	24.1	12	-	-	-	-	-	-	-
MW-18	01/22/2014	42	1.77	6.85	4.95	-	20.5	31.9	-	-	-	-	-	-	-
MW-18	07/22/2014	54	1.28	6.81	4.54	-	24.3	13	-	-	-	-	-	-	-
MW-18	01/21/2015	49	2.27	7.63	4.79	-	23.1	19.4	-	-	-	-	-	-	-
MW-18	07/23/2015	47	0.99	6.43	4.75	-	25.2	55.1	-	-	-	-	-	-	-
MW-18	03/23/2016	38	2.37	7.47	4.63	83.4	22.0	34.8	-	-	-	-	-	-	-
MW-18	07/27/2016	46	1.74	6.56	4.56	127	24.4	11.2	-	-	-	-	-	-	-
MW-18	01/25/2017	43	0.72	6.73	5.09	248.1	23.1	82.7	-	-	-	-	-	-	-
MW-19	01/17/2012	64	0.82	5.36	5.25	-	22.8	4.07	-	-	-	-	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CONDUCTIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND- WATER ELEVATION	pH (FIELD)	REDOX POTENTIAL	TEMPER- ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ANTIMONY, DISSOLVED	ARSENIC
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) mV	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	6 µg/L* µg/L	10 µg/L* µg/L
MW-19	07/19/2012	88	1.9	8	5.76	-	23.7	4.94	-	-	-	-	-	-	-
MW-19	01/23/2013	71	0.55	7.54	5.69	-	23	3.45	-	-	-	-	-	-	-
MW-19	07/17/2013	69	1.41	6.7	5.76	-	23.9	3.52	-	-	-	-	-	-	-
MW-19	01/22/2014	74	0.81	6.69	6.11	-	22.7	1.91	-	-	-	-	-	-	-
MW-19	07/22/2014	67	0.53	6.62	5.59	-	23.8	3.9	-	-	-	-	-	-	-
MW-19	01/21/2015	67	0.82	7.26	5.54	-	23.3	2.12	-	-	-	-	-	-	-
MW-19	07/23/2015	100	0.38	6.18	5.63	-	23.8	3.83	-	-	-	-	-	-	-
MW-19	03/23/2016	84	0.66	7.29	5.40	25.3	23.1	2.96	-	-	-	-	-	-	-
MW-19	07/26/2016	123	0.37	6.41	5.44	40	24.1	4.43	-	-	-	-	-	-	-
MW-19	08/17/2016	104	0.15	6.64	5.27	52.7	24.3	3.8	6.6	5.5	-	40	-	-	-
MW-19	01/25/2017	118	0.33	6.52	5.74	120.6	23.0	5.99	<0.0073	4.9 I	-	-	-	-	-

LEGEND			
*	=Primary Drinking Water Standard	I	= Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J	= Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V	= Analyte found in associated method blank
(1)	=No Standard	Q	= Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed		

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		ARSENIC, DISSOLVED	BARIUM	BARIUM, DISSOLVED	BERYLLIUM	BERYLLIUM, DISSOLVED	CADMIUM	CADMIUM, DISSOLVED	CHROMIUM	CHROMIUM, DISSOLVED	COBALT	COBALT, DISSOLVED	COPPER	COPPER, DISSOLVED	IRON
STANDARD UNITS		10 µg/L* µg/L	2000 µg/L* µg/L	2000 µg/L* µg/L	4 µg/L* µg/L	4 µg/L* µg/L	5 µg/L* µg/L	5 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L	140µg/L*** µg/L	1000 µg/L** µg/L	1000 µg/L** µg/L	300 µg/L** µg/L
Background															
MW-3	01/18/2012	-	12	-	<0.25	-	0.13 I	-	<2.5	-	0.42 I	-	22	-	130
MW-3	07/19/2012	-	32	-	<0.25	-	0.32 I	-	<2.5	-	0.38 I	-	71	-	150
MW-3	01/22/2013	-	17	-	<0.25	-	0.27 I	-	<2.5	-	0.43 I	-	34	-	<33
MW-3	07/16/2013	-	16	-	<0.25	-	0.27 I	-	<2.5	-	0.47 I	-	40	-	<33
MW-3	01/22/2014	-	16	-	<0.25	-	0.14 I	-	<2.5	-	0.56	-	28	-	<33
MW-3	07/22/2014	-	17	-	<0.25	-	0.44 I	-	<2.5	-	0.56	-	48	-	100
MW-3	01/21/2015	-	15	-	<0.25	-	0.29 I	-	<2.5	-	0.4 I	-	27	-	<33
MW-3	07/22/2015	-	12	-	<0.25	-	0.61	-	<2.5	-	0.35 I	-	49	-	<33
MW-3	03/22/2016	-	29	-	<0.17	-	0.24 I	-	<1.6	-	0.58	-	71	-	34 I
MW-3	07/26/2016	-	18	-	<0.17	-	0.16 I	-	<1.6	-	0.44 I	-	43	-	<25
MW-3	01/24/2017	-	31.1 I	-	<0.940	-	<0.900	-	<4.50	-	<2.10	-	57.7	-	<38.0
MW-7	01/18/2012	-	18	-	<0.25	-	0.19 I	-	<2.5	-	0.8	-	<1.1	-	840
MW-7	07/18/2012	-	16	-	<0.25	-	0.12 I	-	<2.5	-	0.81	-	<1.1	-	920
MW-7	01/22/2013	-	16	-	<0.25	-	<0.095	-	<2.5	-	0.84	-	<1.1	-	1400
MW-7	07/16/2013	-	19	-	<0.25	-	<0.095	-	<2.5	-	1.1	-	1.2 I	-	2000
MW-7	01/22/2014	-	17	-	<0.25	-	<0.095	-	<2.5	-	1	-	2 I	-	1800
MW-7	07/22/2014	-	18	-	<0.25	-	<0.095	-	<2.5	-	1.1	-	<1.1	-	2300
MW-7	01/21/2015	-	16	-	<0.25	-	<0.095	-	<2.5	-	1	-	<1.1	-	1900
MW-7	07/22/2015	-	19	-	<0.25	-	<0.095	-	<2.5	-	1.3	-	5.6	-	2300
MW-7	03/23/2016	-	18	-	<0.17	-	<0.15	-	<1.6	-	1.3	-	17	-	2100
MW-7	07/26/2016	-	17	-	<0.17	-	<0.15	-	<1.6	-	1.2	-	16	-	2500
MW-7	01/24/2017	-	<20.0	-	<0.940	-	<0.900	-	<4.50	-	<2.10	-	17.6	-	1030
Intermediate															
MW-6	01/18/2012	-	90	-	0.53	-	0.34 I	-	<2.5	-	2.4	-	9.5	-	700
MW-6	07/18/2012	-	72	-	0.34 I	-	0.21 I	-	<2.5	-	1.9	-	8.3	-	2400
MW-6	02/20/2013	-	72	-	0.4 I	-	0.27 I	-	<2.5	-	1.7	-	5.8	-	1800
MW-6	07/17/2013	-	78	-	0.38 I	-	0.29 I	-	<2.5	-	1.9	-	6.5	-	330
MW-6	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	1100
MW-6	07/23/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	1500
MW-6	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	2200
MW-6	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	72 I
MW-6	03/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	3100
MW-6	07/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	1200
Compliance															
MW-10	01/17/2012	2.4 I	69	4 I	<0.25	<0.25	<0.095	<0.095	4.7 I	<2.5	0.61	0.61	<1.1	<1.1	6300
MW-10	07/18/2012	2.6	110	5.7	<0.25	<0.25	0.6	<0.095	7.3	<2.5	0.56	0.61	<1.1	<1.1	6300

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		ARSENIC, DISSOLVED	BARIUM	BARIUM, DISSOLVED	BERYLLIUM	BERYLLIUM, DISSOLVED	CADMIUM	CADMIUM, DISSOLVED	CHROMIUM	CHROMIUM, DISSOLVED	COBALT	COBALT, DISSOLVED	COPPER	COPPER, DISSOLVED	IRON
STANDARD UNITS		10 µg/L* µg/L	2000 µg/L* µg/L	2000 µg/L* µg/L	4 µg/L* µg/L	4 µg/L* µg/L	5 µg/L* µg/L	5 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L	140µg/L*** µg/L	1000 µg/L** µg/L	1000 µg/L** µg/L	300 µg/L** µg/L
MW-10	01/24/2013	<1.3	84	2.8 I	<0.25	<0.25	0.19 I	<0.095	7.9	<2.5	0.5	0.47 I	<1.1	<1.1	3700
MW-10	07/16/2013	2.1 I	28	2.7 I	<0.25	<0.25	0.21 I	<0.095	<2.5	<2.5	0.47 I	0.43 I	<1.1	<1.1	5900
MW-10	01/21/2014	1.7 I	83	2.9 I	<0.25	<0.25	0.31 I	<0.095	6.3	<2.5	0.46 I	0.41 I	<1.1	<1.1	5300
MW-10	07/22/2014	2.3 I	57 J	9.8	<0.25	<0.25	0.3 I	<0.095	3.8 I	<2.5	0.4 I	0.41 I	<1.1	<1.1	5200
MW-10	01/20/2015	1.8 I	91	2.9 I	<0.25	<0.25	0.19 I	<0.095	6.5	<2.5	0.38 I	0.42 I	<1.1	<1.1	5100
MW-10	07/22/2015	1.6 I	33	3.4 I	<0.25	<0.25	0.2 I	<0.095	<2.5	<2.5	0.35 I	0.33 I	<1.1	<1.1	5000
MW-10	03/22/2016	1.9 I	200	27	0.18 I	<0.25	0.54	<0.095	15	<2.5	0.6	0.46 I	2.1 I	1.3 I	5800
MW-10	07/27/2016	1.8 I	300	32	<0.17	<0.17	0.57	<0.15	22	2.4 I	0.37 I	0.30 I	2.3 I	<1.7	5900
MW-10	01/25/2017	<6.10	209	<20.0	<0.940	<0.940	<0.900	<0.900	11.7	<4.50	<2.10	4.32 I	2.38 I	<2.20	5100
MW-11	01/18/2012	-	22	-	<0.25	-	<0.095	-	<2.5	-	<0.15	-	<1.1	-	33 I
MW-11	07/17/2012	-	19	-	<0.25	-	0.16 I	-	<2.5	-	<0.15	-	<1.1	-	40 I
MW-11	01/23/2013	-	18	-	<0.25	-	<0.095	-	<2.5	-	<0.15	-	<1.1	-	<33
MW-11	07/16/2013	-	18	-	<0.25	-	<0.095	-	<2.5	-	<0.15	-	6	-	37 I
MW-11	01/22/2014	-	23	-	<0.25	-	<0.095	-	<2.5	-	<0.15	-	<1.1	-	<33
MW-11	07/22/2014	-	22	-	<0.25	-	<0.095	-	<2.5	-	0.2 I	-	<1.1	-	<33
MW-11	01/20/2015	-	22	-	<0.25	-	<0.095	-	3 I	-	<0.15	-	<1.1	-	73 I
MW-11	07/22/2015	-	28	-	<0.25	-	0.11 I	-	<2.5	-	<0.15	-	<1.1	-	38 I
MW-11	03/24/2016	-	33	-	<0.17	-	<0.15	-	<1.6	-	0.14 I	-	<1.7	-	56 I
MW-11	07/25/2016	-	28	-	<0.17	-	<0.15	-	<1.6	-	0.15 I	-	<1.7	-	100
MW-11	01/24/2017	-	26.8 I	-	<0.940	-	<0.900	-	<4.50	-	<2.10	-	<2.20	-	<38.0
MW-12	01/18/2012	-	16	-	<0.25	-	<0.095	-	<2.5	-	0.89	-	<1.1	-	4700
MW-12	07/17/2012	3.7	19	18	<0.25	<0.25	0.14 I	<0.095	<2.5	<2.5	1.2	1.1	<1.1	<1.1	6900
MW-12	01/23/2013	-	16	-	<0.25	-	<0.095	-	<2.5	-	0.54	-	<1.1	-	2700
MW-12	07/17/2013	-	17	-	<0.25	-	<0.095	-	<2.5	-	0.55	-	<1.1	-	3600
MW-12	01/22/2014	-	16	-	<0.25	-	<0.095	-	<2.5	-	0.26 I	-	<1.1	-	3300
MW-12	07/22/2014	-	15	-	<0.25	-	<0.095	-	<2.5	-	0.62	-	<1.1	-	2700
MW-12	01/20/2015	-	17	-	<0.25	-	<0.095	-	<2.5	-	0.41 I	-	<1.1	-	2900
MW-12	07/22/2015	-	21	-	<0.25	-	<0.095	-	<2.5	-	0.66	-	<1.1	-	4100
MW-12	03/24/2016	-	23	-	<0.17	-	<0.15	-	<1.6	-	0.71	-	<1.7	-	4200
MW-12	07/25/2016	-	31	-	<0.17	-	<0.15	-	<1.6	-	0.71	-	<1.7	-	5800
MW-12	01/24/2017	-	32.6 I	-	<0.940	-	<0.900	-	<4.50	-	<2.10	-	<2.20	-	5440
MW-13	01/17/2012	-	3.3 I	-	<0.25	-	0.11 I	-	2.7 I	-	6.6	-	<1.1	-	3000
MW-13	07/17/2012	-	6.4	-	<0.25	-	<0.095	-	<2.5	-	8.2	-	<1.1	-	3200
MW-13	01/23/2013	-	5.4	-	<0.25	-	<0.095	-	<2.5	-	6.1	-	<1.1	-	2700
MW-13	07/17/2013	-	2.8 I	-	<0.25	-	<0.095	-	<2.5	-	6.3	-	<1.1	-	3100
MW-13	01/22/2014	-	2.4 I	-	<0.25	-	<0.095	-	<2.5	-	6.9	-	<1.1	-	3500
MW-13	07/23/2014	-	5.1	-	<0.25	-	<0.095	-	<2.5	-	6.2	-	<1.1	-	3400
MW-13	01/20/2015	-	10	-	<0.25	-	<0.095	-	<2.5	-	6.5	-	2.5 I	-	3700

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		ARSENIC, DISSOLVED	BARIUM	BARIUM, DISSOLVED	BERYLLIUM	BERYLLIUM, DISSOLVED	CADMIUM	CADMIUM, DISSOLVED	CHROMIUM	CHROMIUM, DISSOLVED	COBALT	COBALT, DISSOLVED	COPPER	COPPER, DISSOLVED	IRON
STANDARD UNITS		10 µg/L* µg/L	2000 µg/L* µg/L	2000 µg/L* µg/L	4 µg/L* µg/L	4 µg/L* µg/L	5 µg/L* µg/L	5 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L	140µg/L*** µg/L	1000 µg/L** µg/L	1000 µg/L** µg/L	300 µg/L** µg/L
MW-13	07/22/2015	-	3.5 I	-	<0.25	-	<0.095	-	<2.5	-	6.3	-	<1.1	-	3400
MW-13	03/23/2016	-	6.1	-	<0.17	-	<0.15	-	<1.6	-	5.3	-	<1.7	-	2900
MW-13	07/26/2016	-	5.6	-	<0.17	-	<0.15	-	<1.6	-	4.6	-	<1.7	-	3000
MW-13	01/24/2017	-	<20.0	-	<0.940	-	<0.900	-	<4.50	-	4.83 I	-	<2.20	-	2860
MW-14	01/17/2012	-	15	-	<0.25	-	0.55	-	<2.5	-	0.89	-	<1.1	-	81 I
MW-14	07/17/2012	-	18	-	<0.25	-	0.6	-	<2.5	-	1.1	-	<1.1	-	220
MW-14	01/23/2013	-	14	-	<0.25	-	0.87	-	<2.5	-	1.4	-	<1.1	-	420
MW-14	02/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	210
MW-14	07/17/2013	-	12	-	<0.25	-	0.31 I	-	<2.5	-	0.75	-	<1.1	-	62 I
MW-14	01/21/2014	-	14	-	<0.25	-	0.33 I	-	<2.5	-	1.1	-	<1.1	-	150
MW-14	07/23/2014	-	13	-	<0.25	-	0.34 I	-	<2.5	-	0.9	-	<1.1	-	51 I
MW-14	01/20/2015	-	11	-	<0.25	-	0.39 I	-	<2.5	-	0.5	-	<1.1	-	45 I
MW-14	07/22/2015	-	11	-	<0.25	-	0.23 I	-	<2.5	-	0.32 I	-	<1.1	-	35 I
MW-14	03/23/2016	-	11	-	<0.17	-	0.41 I	-	<1.6	-	0.54	-	<1.7	-	72 I
MW-14	07/25/2016	-	12	-	<0.17	-	0.41 I	-	<1.6	-	1.1	-	<1.7	-	85 I
MW-14	01/23/2017	-	<20.0	-	<0.940	-	<0.900	-	<4.50	-	<2.10	-	<2.20	-	<38.0
MW-15	01/17/2012	-	2 I	-	<0.25	-	<0.095	-	<2.5	-	0.29 I	-	<1.1	-	6100
MW-15	07/17/2012	-	6.7	-	<0.25	-	0.69	-	<2.5	-	0.33 I	-	1.7 I	-	8200
MW-15	01/24/2013	-	5	-	<0.25	-	0.24 I	-	<2.5	-	0.38 I	-	<1.1	-	9000
MW-15	07/17/2013	-	4.5 I	-	<0.25	-	0.36 I	-	<2.5	-	0.3 I	-	<1.1	-	7000
MW-15	01/22/2014	-	11	-	<0.25	-	<0.095	-	3.7 I	-	4.1	-	<1.1	-	9800
MW-15	07/23/2014	-	2.9 I	-	<0.25	-	<0.095	-	<2.5	-	0.28 I	-	<1.1	-	7200
MW-15	01/20/2015	-	2.3 I	-	<0.25	-	<0.095	-	<2.5	-	0.24 I	-	<1.1	-	7500
MW-15	07/23/2015	-	1.3 I	-	<0.25	-	<0.095	-	<2.5	-	0.21 I	-	<1.1	-	7200
MW-15	03/23/2016	-	4.3 I	-	0.44 I	-	0.41 I	-	<1.6	-	1.4	-	2.8 I	-	8900
MW-15	07/25/2016	-	1.4 I	-	<0.17	-	0.18 I	-	<1.6	-	0.22 I	-	<1.7	-	8100
MW-15	01/23/2017	-	<20.0	-	<0.940	-	<0.900	-	<4.50	-	<2.10	-	<2.20	-	7290
MW-17	01/17/2012	-	4.4 I	-	<0.25	-	<0.095	-	<2.5	-	5.8	-	<1.1	-	7600
MW-17	07/17/2012	-	10	-	<0.25	-	<0.095	-	<2.5	-	5.2	-	<1.1	-	7700
MW-17	01/23/2013	-	7.5	-	<0.25	-	<0.095	-	<2.5	-	5.9	-	<1.1	-	7700
MW-17	07/17/2013	-	13	-	<0.25	-	0.32 I	-	<2.5	-	4.9	-	<1.1	-	8600
MW-17	01/21/2014	-	7	-	<0.25	-	<0.095	-	<2.5	-	4.7	-	<1.1	-	11000
MW-17	07/23/2014	-	13	-	<0.25	-	<0.095	-	<2.5	-	5.8	-	<1.1	-	13000
MW-17	01/20/2015	-	4.9 I	-	<0.25	-	<0.095	-	<2.5	-	6.4	-	<1.1	-	13000
MW-17	07/22/2015	-	2.7 I	-	<0.25	-	<0.095	-	<2.5	-	6.3	-	1.7 I	-	15000
MW-17	03/23/2016	-	10	-	<0.17	-	<0.15	-	<1.6	-	5.7	-	<1.7	-	24000
MW-17	07/25/2016	-	2.4 I	-	<0.17	-	<0.15	-	<1.6	-	5.5	-	<1.7	-	28000
MW-17	01/23/2017	-	<20.0	-	<0.940	-	<0.900	-	<4.50	-	6.43 I	-	<2.20	-	29600

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		ARSENIC, DISSOLVED	BARIUM	BARIUM, DISSOLVED	BERYLLIUM	BERYLLIUM, DISSOLVED	CADMIUM	CADMIUM, DISSOLVED	CHROMIUM	CHROMIUM, DISSOLVED	COBALT	COBALT, DISSOLVED	COPPER	COPPER, DISSOLVED	IRON
STANDARD UNITS		10 µg/L* µg/L	2000 µg/L* µg/L	2000 µg/L* µg/L	4 µg/L* µg/L	4 µg/L* µg/L	5 µg/L* µg/L	5 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L	140µg/L*** µg/L	1000 µg/L** µg/L	1000 µg/L** µg/L	300 µg/L** µg/L
MW-20	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	30000
MW-20	01/18/2012	-	9.5	-	<0.25	-	<0.095	-	<2.5	-	2.8	-	<1.1	-	31000
MW-20	07/18/2012	-	10	-	<0.25	-	<0.095	-	<2.5	-	2.5	-	<1.1	-	39000
MW-20	01/22/2013	-	32	-	<0.25	-	<0.095	-	<2.5	-	3.8	-	<1.1	-	85000
MW-20	07/16/2013	-	14	-	<0.25	-	0.27 I	-	<2.5	-	2.7	-	<1.1	-	62000
MW-20	01/22/2014	-	19	-	<0.25	-	<0.095	-	<2.5	-	2.3	-	<1.1	-	66000
MW-20	07/22/2014	-	19	-	<0.25	-	<0.095	-	<2.5	-	1.6	-	<1.1	-	50000
MW-20	01/21/2015	-	16	-	<0.25	-	<0.095	-	<2.5	-	2.1	-	<1.1	-	63000
MW-20	07/22/2015	-	13	-	<0.25	-	0.2 I	-	<2.5	-	2.4	-	<1.1	-	67000
MW-20	03/22/2016	-	26	-	<0.17	-	<0.15	-	<1.6	-	3.2	-	<1.7	-	160000
MW-20	07/26/2016	-	22	-	<0.17	-	<0.15	-	<1.6	-	2.5	-	<1.7	-	150000
MW-20	01/25/2017	-	30.8 I	-	<0.940	-	<0.900	-	<4.50	-	2.90 I	-	<2.20	-	127000
MW-21	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	1200
MW-21	01/17/2012	2.5	35	1.3 I	0.28 I	<0.25	<0.095	<0.095	5.2	<2.5	0.77	0.6	1.8 I	<1.1	1500
MW-21	07/19/2012	2.4 I	36	3.5 I	0.26 I	<0.25	0.18 I	<0.095	3.7 I	<2.5	0.49 I	0.5	1.1 I	<1.1	1400
MW-21	01/22/2013	2.9	27	<1.3	<0.25	<0.25	<0.095	<0.095	3.7 I	<2.5	0.54	0.49 I	<1.1	<1.1	1200
MW-21	07/16/2013	2.9	16	<1.3	<0.25	<0.25	<0.095	<0.095	<2.5	<2.5	0.3 I	0.32 I	<1.1	<1.1	740
MW-21	01/21/2014	3.4	47	<1.3	<0.25	<0.25	<0.095	<0.095	6.3	<2.5	0.54	0.44 I	1.2 I	<1.1	1600
MW-21	07/22/2014	2.9	35	2.9 I	<0.25	<0.25	0.17 I	0.18 I	4.2 I	<2.5	0.46 I	0.28 I	<1.1	1.6 I	1200
MW-21	01/20/2015	3.4	33	<1.3	<0.25	<0.25	0.13 I	<0.095	4.2 I	<2.5	0.66	0.57	<1.1	<1.1	1300
MW-21	07/23/2015	3.5	11	<1.3	<0.25	<0.25	0.14 I	<0.095	<2.5	<2.5	2.6	2.4	<1.1	<1.1	1800
MW-21	03/22/2016	4.5	26	3.8 I	<0.17	<0.25	<0.15	<0.095	3.9 I	3.3 I	1.3	1.3	<1.7	<1.1	3000
MW-21	07/27/2016	4.2	26	22	<0.17	<0.17	<0.15	<0.15	3.7 I	3.3 I	1.1	1.2	<1.7	<1.7	1800
MW-21	01/25/2017	<6.10	<20.0	<20.0	<0.940	<0.940	<0.900	<0.900	<4.50	<4.50	<2.10	3.19 I	<2.20	<2.20	5550

Assessment

MW-18	01/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/24/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/16/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	03/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/27/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		ARSENIC, DISSOLVED	BARIUM	BARIUM, DISSOLVED	BERYLLIUM	BERYLLIUM, DISSOLVED	CADMIUM	CADMIUM, DISSOLVED	CHROMIUM	CHROMIUM, DISSOLVED	COBALT	COBALT, DISSOLVED	COPPER	COPPER, DISSOLVED	IRON
STANDARD UNITS		10 µg/L*	2000 µg/L*	2000 µg/L*	4 µg/L*	4 µg/L*	5 µg/L*	5 µg/L*	100 µg/L*	100 µg/L*	140µg/L***	140µg/L***	1000 µg/L**	1000 µg/L**	300 µg/L**
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-19	07/19/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/23/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/17/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	03/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/26/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	08/17/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	1100
MW-19	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		IRON, DISSOLVED	LEAD	LEAD, DISSOLVED	MERCURY	MERCURY, DISSOLVED	NICKEL	NICKEL, DISSOLVED	SELENIUM	SELENIUM, DISSOLVED	SILVER	SILVER, DISSOLVED	SODIUM	SODIUM, DISSOLVED	THALLIUM
STANDARD UNITS		300 µg/L** µg/L	15 µg/L* µg/L	15 µg/L* µg/L	2 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	50 µg/L* µg/L	50 µg/L* µg/L	100 µg/L** µg/L	100 µg/L** µg/L	160 mg/L* mg/L	160 mg/L* mg/L	2 µg/L* µg/L
Background															
MW-3	01/18/2012	-	5.6	-	<0.091	-	2.8 I	-	<1	-	<0.25	-	4.3	-	<0.5
MW-3	07/19/2012	-	5.6	-	0.19 I	-	7.9	-	1.6 I	-	<0.25	-	11	-	<0.5
MW-3	01/22/2013	-	3.9	-	<0.091	-	7.2	-	<1	-	0.46 I	-	6.8	-	<0.5
MW-3	07/16/2013	-	4	-	<0.091	-	4.9 I	-	<1	-	<0.25	-	6.8	-	<0.5
MW-3	01/22/2014	-	3.3	-	<0.091	-	3.8 I	-	<1	-	<0.25	-	6.6	-	<0.5
MW-3	07/22/2014	-	2.9	-	<0.091	-	10	-	<1	-	<0.25	-	5.7	-	<0.5
MW-3	01/21/2015	-	3.8	-	<0.091	-	6	-	<1	-	<0.25	-	6.5	-	<0.5
MW-3	07/22/2015	-	2.1	-	<0.091	-	3.5 I	-	<1	-	<0.25	-	4.9	-	<0.5
MW-3	03/22/2016	-	6	-	<0.08	-	5	-	<1	-	<0.1	-	8.9	-	<0.49
MW-3	07/26/2016	-	3.7	-	<0.08	-	3.1 I	-	<1	-	<0.1	-	7.4	-	<0.49
MW-3	01/24/2017	-	5.24	-	<0.0230	-	5.62 I	-	<6.50	-	<0.290	-	8.4	-	<0.580
MW-7	01/18/2012	-	0.82 I	-	<0.091	-	5.3	-	<1	-	<0.25	-	11	-	<0.5
MW-7	07/18/2012	-	0.37 I	-	<0.091	-	6.6	-	<1	-	<0.25	-	10	-	<0.5
MW-7	01/22/2013	-	0.39 I	-	<0.091	-	5.8	-	<1	-	<0.25	-	10	-	<0.5
MW-7	07/16/2013	-	0.31	-	<0.091	-	7.7	-	<1	-	<0.25	-	12	-	<0.5
MW-7	01/22/2014	-	0.24 I	-	<0.091	-	7.5	-	<1	-	<0.25	-	9.8	-	<0.5
MW-7	07/22/2014	-	1.3 I	-	<0.091	-	7.8	-	<1	-	<0.25	-	8.9	-	<0.5
MW-7	01/21/2015	-	0.65 I	-	<0.091	-	8	-	<1	-	<0.25	-	9.3	-	<0.5
MW-7	07/22/2015	-	1.1 I	-	<0.091	-	8.9	-	<1	-	<0.25	-	9.6	-	<0.5
MW-7	03/23/2016	-	1.3 I	-	<0.08	-	9.2	-	<1	-	<0.1	-	11	-	<0.49
MW-7	07/26/2016	-	<0.98	-	<0.08	-	8.4	-	<1	-	<0.1	-	11	-	<0.49
MW-7	01/24/2017	-	2.44 I	-	0.0276 I	-	8.23 I	-	<6.50	-	<0.290	-	9.7	-	<0.580
Intermediate															
MW-6	01/18/2012	-	2.9	-	<0.091	-	28	-	<1	-	<0.25	-	110	-	<0.5
MW-6	07/18/2012	-	3.8	-	0.26	-	26	-	<1	-	<0.25	-	120 J	-	<0.5
MW-6	02/20/2013	-	1.2 I	-	0.13 I	-	16	-	1 I	-	0.68 I	-	120 J	-	0.6 I
MW-6	07/17/2013	-	1.6	-	0.22	-	23	-	<1	-	<0.25	-	110	-	<0.5
MW-6	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	150	-	-
MW-6	07/23/2014	-	-	-	-	-	-	-	-	-	-	-	110	-	-
MW-6	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	130	-	-
MW-6	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	91	-	-
MW-6	03/22/2016	-	-	-	-	-	-	-	-	-	-	-	160	-	-
MW-6	07/25/2016	-	-	-	-	-	-	-	-	-	-	-	120	-	-
Compliance															
MW-10	01/17/2012	6200	2.2	<0.2	<0.091	<0.091	2.9 I	2.9 I	<1	<1	<0.25	<0.25	4.5	4.6	<0.5
MW-10	07/18/2012	6300	4.1	<0.2	<0.091	<0.091	4.2 I	3.3 I	1.2 IV	<1	<0.25	<0.25	5	5	<0.5

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		IRON, DISSOLVED	LEAD	LEAD, DISSOLVED	MERCURY	MERCURY, DISSOLVED	NICKEL	NICKEL, DISSOLVED	SELENIUM	SELENIUM, DISSOLVED	SILVER	SILVER, DISSOLVED	SODIUM	SODIUM, DISSOLVED	THALLIUM
STANDARD UNITS		300 µg/L** µg/L	15 µg/L* µg/L	15 µg/L* µg/L	2 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	50 µg/L* µg/L	50 µg/L* µg/L	100 µg/L** µg/L	100 µg/L** µg/L	160 mg/L* mg/L	160 mg/L* mg/L	2 µg/L* µg/L
MW-10	01/24/2013	3000	3	<0.2	<0.091	<0.091	4.2 I	<2	<1	<1	<0.25	<0.25	5.2	4.9	<0.5
MW-10	07/16/2013	5000	0.92 I	<0.2	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	5.4	5	<0.5
MW-10	01/21/2014	4800	2.9	<0.2	<0.091	<0.091	2.7 I	<2	<1	<1	0.36 I	<0.25	5	4.8	<0.5
MW-10	07/22/2014	5900	2.1	0.31 I	<0.091	<0.091	2 I	2.2 I	<1	<1	0.52 I	<0.25	3.9 J	4.7	<0.5
MW-10	01/20/2015	4700	3.3	<0.2	<0.091	<0.091	3.3 I	<2	1.4 I	<1	<0.25	<0.25	5	4.7	<0.5
MW-10	07/22/2015	4700	1.1 I	<0.2	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	4.8	4.6	<0.5
MW-10	03/22/2016	4300	7.6	0.92 I	<0.08	<0.091	4.7 I	<2	<1	<1	0.25 I	<0.25	6.8	6.1	<0.49
MW-10	07/27/2016	4800	11	1.2 I	<0.08	<0.08	5.4	<1.9	8.6	1.5 I	0.23 I	<0.1	4.5	4.4	<0.49
MW-10	01/25/2017	3850	6.46	<1.60	<0.0230	<0.0230	<3.20	<3.20	<6.50	<6.50	<0.290	<0.290	4.3	4.1	<0.580
MW-11	01/18/2012	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.3	-	0.71 I
MW-11	07/17/2012	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.5	-	0.95 I
MW-11	01/23/2013	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.3	-	0.89 I
MW-11	07/16/2013	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.3	-	0.62 I
MW-11	01/22/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.9	-	1
MW-11	07/22/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.4	-	1.1
MW-11	01/20/2015	-	<0.2	-	<0.091	-	3 I	-	<1	-	<0.25	-	4.3	-	1.2
MW-11	07/22/2015	-	<0.2	-	<0.091	-	2.2 I	-	<1	-	<0.25	-	4.6	-	1.8
MW-11	03/24/2016	-	<0.98	-	<0.08	-	3.3 I	-	<1	-	<0.1	-	5.2	-	1.9
MW-11	07/25/2016	-	<0.98	-	<0.08	-	2.9 I	-	<1	-	<0.1	-	5.0	-	1.4
MW-11	01/24/2017	-	<1.60	-	<0.0230	-	<3.20	-	<6.50	-	<0.290	-	3.4	-	1.20
MW-12	01/18/2012	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2.7	-	<0.5
MW-12	07/17/2012	6900	<0.2	<0.2	<0.091	<0.091	2.2 I	2.1 I	<1	<1	<0.25	<0.25	2.9	3	<0.5
MW-12	01/23/2013	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2.8	-	<0.5
MW-12	07/17/2013	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.2	-	<0.5
MW-12	01/22/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.4	-	<0.5
MW-12	07/22/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2.9	-	<0.5
MW-12	01/20/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.5	-	<0.5
MW-12	07/22/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.5	-	<0.5
MW-12	03/24/2016	-	<0.98	-	<0.08	-	2 I	-	<1	-	<0.1	-	4.3	-	<0.49
MW-12	07/25/2016	-	<0.98	-	<0.08	-	<1.9	-	<1	-	<0.1	-	3.9	-	<0.49
MW-12	01/24/2017	-	<1.60	-	<0.0230	-	3.48 I	-	<6.50	-	<0.290	-	2.6	-	<0.580
MW-13	01/17/2012	-	<0.2	-	<0.091	-	4.4 I	-	<1	-	<0.25	-	3.1	-	<0.5
MW-13	07/17/2012	-	0.25 I	-	<0.091	-	4.3 I	-	<1	-	<0.25	-	3.6	-	<0.5
MW-13	01/23/2013	-	<0.2	-	<0.091	-	3.3 I	-	<1	-	<0.25	-	3	-	<0.5
MW-13	07/17/2013	-	<0.2	-	<0.091	-	3.7 I	-	<1	-	<0.25	-	2.9	-	<0.5
MW-13	01/22/2014	-	<0.2	-	<0.091	-	3.1 I	-	<1	-	<0.25	-	3.4	-	<0.5
MW-13	07/23/2014	-	<0.2	-	<0.091	-	3.9 I	-	<1	-	<0.25	-	2.7	-	<0.5
MW-13	01/20/2015	-	0.54 I	-	<0.091	-	4.9 I	-	<1	-	<0.25	-	3.1	-	<0.5

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		IRON, DISSOLVED	LEAD	LEAD, DISSOLVED	MERCURY	MERCURY, DISSOLVED	NICKEL	NICKEL, DISSOLVED	SELENIUM	SELENIUM, DISSOLVED	SILVER	SILVER, DISSOLVED	SODIUM	SODIUM, DISSOLVED	THALLIUM
STANDARD UNITS		300 µg/L** µg/L	15 µg/L* µg/L	15 µg/L* µg/L	2 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	50 µg/L* µg/L	50 µg/L* µg/L	100 µg/L** µg/L	100 µg/L** µg/L	160 mg/L* mg/L	160 mg/L* mg/L	2 µg/L* µg/L
MW-13	07/22/2015	-	<0.2	-	<0.091	-	3 I	-	<1	-	<0.25	-	2.9	-	<0.5
MW-13	03/23/2016	-	<0.98	-	<0.08	-	2.9 I	-	<1	-	<0.1	-	2.8	-	<0.49
MW-13	07/26/2016	-	<0.98	-	<0.08	-	3.0 I	-	<1	-	<0.1	-	3.0	-	<0.49
MW-13	01/24/2017	-	<1.60	-	0.0902 I	-	3.38 I	-	<6.50	-	<0.290	-	1.8	-	<0.580
MW-14	01/17/2012	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.1	-	<0.5
MW-14	07/17/2012	-	<0.2	-	<0.091	-	2 I	-	<1	-	<0.25	-	3.2	-	<0.5
MW-14	01/23/2013	-	<0.2	-	0.58	-	2.4 I	-	<1	-	<0.25	-	3	-	<0.5
MW-14	02/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	07/17/2013	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.1	-	<0.5
MW-14	01/21/2014	-	<0.2	-	0.11 I	-	<2	-	<1	-	<0.25	-	2.9	-	<0.5
MW-14	07/23/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3	-	<0.5
MW-14	01/20/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3	-	<0.5
MW-14	07/22/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	3.4	-	<0.5
MW-14	03/23/2016	-	<0.98	-	<0.08	-	<1.9	-	<1	-	<0.1	-	3.9	-	<0.49
MW-14	07/25/2016	-	<0.98	-	<0.08	-	<1.9	-	<1	-	<0.1	-	3.7	-	<0.49
MW-14	01/23/2017	-	<1.60	-	<0.0230	-	<3.20	-	<6.50	-	<0.290	-	3.1	-	<0.580
MW-15	01/17/2012	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	1.8	-	<0.5
MW-15	07/17/2012	-	0.44 I	-	<0.091	-	4 I	-	1.1 I	-	0.27 I	-	1.9	-	<0.5
MW-15	01/24/2013	-	<0.2	-	<0.091	-	3.3 I	-	<1	-	<0.25	-	1.6	-	<0.5
MW-15	07/17/2013	-	0.52 I	-	<0.091	-	2.8 I	-	<1	-	<0.25	-	1.7	-	<0.5
MW-15	01/22/2014	-	0.22 I	-	<0.091	-	5.4	-	<1	-	<0.25	-	2.1	-	<0.5
MW-15	07/23/2014	-	<0.2	-	<0.091	-	3.1 I	-	<1	-	<0.25	-	1.7	-	<0.5
MW-15	01/20/2015	-	0.28 I	-	<0.091	-	2 I	-	<1	-	<0.25	-	1.8	-	<0.5
MW-15	07/23/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2	-	<0.5
MW-15	03/23/2016	-	1.7 I	-	<0.08	-	2.5 I	-	1.8 I	-	0.36 I	-	2.5	-	<0.49
MW-15	07/25/2016	-	<0.98	-	<0.08	-	2.9 I	-	<1	-	0.18 I	-	2.6	-	<0.49
MW-15	01/23/2017	-	<1.60	-	<0.0230	-	<3.20	-	<6.50	-	<0.290	-	2.3	-	<0.580
MW-17	01/17/2012	-	<0.2	-	<0.091	-	2.5 I	-	<1	-	<0.25	-	3.1	-	<0.5
MW-17	07/17/2012	-	0.24 I	-	<0.091	-	2.5 I	-	<1	-	<0.25	-	2.3	-	<0.5
MW-17	01/23/2013	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2.5	-	<0.5
MW-17	07/17/2013	-	0.4 I	-	<0.091	-	3.9 I	-	<1	-	<0.25	-	2.5	-	<0.5
MW-17	01/21/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2.4	-	<0.5
MW-17	07/23/2014	-	0.29 I	-	<0.091	-	2.3 I	-	<1	-	<0.25	-	2.4	-	<0.5
MW-17	01/20/2015	-	<0.2	-	<0.091	-	2.4 I	-	<1	-	<0.25	-	2.3	-	<0.5
MW-17	07/22/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	2	-	<0.5
MW-17	03/23/2016	-	<0.98	-	<0.08	-	1.9 I	-	<1	-	<0.1	-	3.2	-	<0.49
MW-17	07/25/2016	-	<0.98	-	<0.08	-	3.4 I	-	<1	-	<0.1	-	4.0	-	<0.49
MW-17	01/23/2017	-	<1.60	-	<0.0230	-	<3.20	-	<6.50	-	<0.290	-	3.1	-	<0.580

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		IRON, DISSOLVED	LEAD	LEAD, DISSOLVED	MERCURY	MERCURY, DISSOLVED	NICKEL	NICKEL, DISSOLVED	SELENIUM	SELENIUM, DISSOLVED	SILVER	SILVER, DISSOLVED	SODIUM	SODIUM, DISSOLVED	THALLIUM
STANDARD UNITS		300 µg/L** µg/L	15 µg/L* µg/L	15 µg/L* µg/L	2 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	50 µg/L* µg/L	50 µg/L* µg/L	100 µg/L** µg/L	100 µg/L** µg/L	160 mg/L* mg/L	160 mg/L* mg/L	2 µg/L* µg/L
MW-20	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20	01/18/2012	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	8.5	-	<0.5
MW-20	07/18/2012	-	<0.2	-	0.096 I	-	<2	-	1.4 I	-	<0.25	-	9.9	-	<0.5
MW-20	01/22/2013	-	0.34 I	-	<0.091	-	<2	-	<1	-	<0.25	-	12	-	<0.5
MW-20	07/16/2013	-	<0.2	-	<0.091	-	3.5 I	-	<1	-	<0.25	-	11	-	<0.5
MW-20	01/22/2014	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	9.3	-	<0.5
MW-20	07/22/2014	-	<0.2	-	<0.091	-	2.3 I	-	<1	-	<0.25	-	8.1	-	<0.5
MW-20	01/21/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	8.7	-	<0.5
MW-20	07/22/2015	-	<0.2	-	<0.091	-	<2	-	<1	-	<0.25	-	9.2	-	<0.5
MW-20	03/22/2016	-	<0.98	-	<0.08	-	<1.9	-	<1	-	<0.1	-	23	-	<0.49
MW-20	07/26/2016	-	<0.98	-	<0.08	-	<1.9	-	<1	-	<0.1	-	17	-	<0.49
MW-20	01/25/2017	-	<1.60	-	<0.0230	-	<3.20	-	<6.50	-	<0.290	-	16	-	<0.580
MW-21	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/17/2012	990	1.9	<0.2	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	1.8	1.8	<0.5
MW-21	07/19/2012	1100	1.8	<0.2	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	2	2	<0.5
MW-21	01/22/2013	820	1.4 I	<0.2	<0.091	<0.091	3.1 I	2.4 I	<1	<1	0.28 I	<0.25	2	2	<0.5
MW-21	07/16/2013	680	0.65 I	<0.2	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	2.1	2.4	<0.5
MW-21	01/21/2014	1000	2.1	<0.2	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	2	2.1	<0.5
MW-21	07/22/2014	710	1.8	0.39 I	<0.091	<0.091	<2	<2	<1	<1	<0.25	<0.25	1.7	1.4	<0.5
MW-21	01/20/2015	910	1.8	<0.2	<0.091	<0.091	4.2 I	2 I	<1	<1	<0.25	<0.25	2.1	2	<0.5
MW-21	07/23/2015	1700	0.38 I	<0.2	<0.091	<0.091	<2	<2	1.2 I	1.2 I	<0.25	<0.25	2.1	2.1	<0.5
MW-21	03/22/2016	2700	1.3 I	<0.2	<0.08	<0.091	<1.9	<2	<1	<1	0.37 I	<0.25	3.7	3.6	<0.49
MW-21	07/27/2016	1800	1.3 I	1.2 I	<0.08	<0.08	<1.9	<1.9	1.5 I	1.2 I	<0.1	<0.1	2.0	2.0	<0.49
MW-21	01/25/2017	5470	<1.60	<1.60	<0.0230	<0.0230	<3.20	<3.20	<6.50	<6.50	<0.290	<0.290	2.1	2.2	<0.580
Assessment															
MW-18	01/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/24/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/16/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	03/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/27/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		IRON, DISSOLVED	LEAD	LEAD, DISSOLVED	MERCURY	MERCURY, DISSOLVED	NICKEL	NICKEL, DISSOLVED	SELENIUM	SELENIUM, DISSOLVED	SILVER	SILVER, DISSOLVED	SODIUM	SODIUM, DISSOLVED	THALLIUM
STANDARD UNITS		300 µg/L** µg/L	15 µg/L* µg/L	15 µg/L* µg/L	2 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L* µg/L	50 µg/L* µg/L	50 µg/L* µg/L	100 µg/L** µg/L	100 µg/L** µg/L	160 mg/L* mg/L	160 mg/L* mg/L	2 µg/L* µg/L
MW-19	07/19/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/23/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/17/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	03/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/26/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	08/17/2016	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-
MW-19	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		THALLIUM, DISSOLVED	VANADIUM	VANADIUM, DISSOLVED	ZINC	ZINC, DISSOLVED	1,1,1,2-TETRA- CHLORO- ETHANE	1,1,1- TRICHLORO- ETHANE	1,1,2,2-TETRA- CHLORO- ETHANE	1,1,2- TRICHLORO- ETHANE	1,1- DICHLORO- ETHANE	1,1- DICHLORO- ETHENE	1,2,3- TRICHLORO- PROPANE	1,2-DIBROMO- 3-CHLORO- PROPANE	1,2-DIBROMO- ETHANE (EDB)
STANDARD UNITS		2 µg/L* µg/L	49 µg/L*** µg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	5000 µg/L** µg/L	1.3 µg/L*** µg/L	200 µg/L* µg/L	0.2 µg/L*** µg/L	5 µg/L* µg/L	70 µg/L*** µg/L	7 µg/L* µg/L	0.02 µg/L*** µg/L	0.2 µg/L* µg/L	0.02 µg/L* µg/L
Background															
MW-3	01/18/2012	-	<3.8	-	42	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0097	<0.0097
MW-3	07/19/2012	-	<3.8	-	75	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<2.5	<0.006
MW-3	01/22/2013	-	<3.8	-	50	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.087	<0.0048	<0.0021
MW-3	07/16/2013	-	<3.8	-	87	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0051	<0.0023
MW-3	01/22/2014	-	<3.8	-	50	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-3	07/22/2014	-	<3.8	-	170	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.094	<0.0052	<0.0023
MW-3	01/21/2015	-	<3.8	-	66	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.088	<0.0049	<0.0022
MW-3	07/22/2015	-	<3.8	-	230	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.088	<0.0049	<0.0021
MW-3	03/22/2016	-	<5.3	-	96	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-3	07/26/2016	-	<5.3	-	69	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-3	01/24/2017	-	<2.00	-	70.2	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-7	01/18/2012	-	<3.8	-	30	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.01	<0.01
MW-7	07/18/2012	-	<3.8	-	22	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0056	<0.006
MW-7	01/22/2013	-	<3.8	-	25	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.088	<0.0049	<0.0022
MW-7	07/16/2013	-	<3.8	-	27	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.095	<0.0053	<0.0023
MW-7	01/22/2014	-	<3.8	-	22	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.097	<0.0054	<0.0024
MW-7	07/22/2014	-	<3.8	-	20	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.094	<0.0052	<0.0023
MW-7	01/21/2015	-	<3.8	-	37	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.091	<0.0051	<0.0022
MW-7	07/22/2015	-	<3.8	-	60	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-7	03/23/2016	-	<5.3	-	130	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-7	07/26/2016	-	<5.3	-	110	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-7	01/24/2017	-	<2.00	-	130	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
Intermediate															
MW-6	01/18/2012	-	<3.8	-	15 I	-	<0.63	<0.46	<0.15	<0.47	0.57 I	<0.45	<0.18	<0.0097	<0.0097
MW-6	07/18/2012	-	<3.8	-	13 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0059	<0.0063
MW-6	02/20/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0057	<0.0061
MW-6	07/17/2013	-	<3.8	-	16 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0057	<0.0061
MW-6	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/23/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Compliance															
MW-10	01/17/2012	<0.5	<3.8	<3.8	10 I	10 I	<0.63	<0.46	<0.15	<0.47	1.6	<0.45	<0.18	<0.0098	<0.0098
MW-10	07/18/2012	<0.5	<3.8	<3.8	14 I	16 I	<0.63	<0.46	<0.15	<0.47	1.5	<0.45	<0.18	<2.5	<0.006

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		THALLIUM, DISSOLVED	VANADIUM	VANADIUM, DISSOLVED	ZINC	ZINC, DISSOLVED	1,1,1,2-TETRA- CHLORO- ETHANE	1,1,1- TRICHLORO- ETHANE	1,1,2,2-TETRA- CHLORO- ETHANE	1,1,2- TRICHLORO- ETHANE	1,1- DICHLORO- ETHANE	1,1- DICHLORO- ETHENE	1,2,3- TRICHLORO- PROPANE	1,2-DIBROMO- 3-CHLORO- PROPANE	1,2-DIBROMO- ETHANE (EDB)
STANDARD UNITS		2 µg/L* µg/L	49 µg/L*** µg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	5000 µg/L** µg/L	1.3 µg/L*** µg/L	200 µg/L* µg/L	0.2 µg/L*** µg/L	5 µg/L* µg/L	70 µg/L*** µg/L	7 µg/L* µg/L	0.02 µg/L*** µg/L	0.2 µg/L* µg/L	0.02 µg/L* µg/L
MW-10	01/24/2013	<0.5	<3.8	<3.8	<8.3	9 I	<0.63	<0.46	<0.15	<0.47	1.3	<0.45	<0.09	<0.005	<0.0022
MW-10	07/16/2013	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	1.2	<0.45	<0.09	<0.005	<0.0022
MW-10	01/21/2014	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	1.2	<0.45	<0.096	<0.0053	<0.0023
MW-10	07/22/2014	<0.5	<3.8	<3.8	8.7 I	<8.3	<0.63	<0.46	<0.15	<0.47	1.2	<0.45	<0.095	<0.0053	<0.0023
MW-10	01/20/2015	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	1.1	<0.45	<0.089	<0.005	<0.0022
MW-10	07/22/2015	<0.5	5.6 I	5 I	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	0.86 I	<0.45	<0.089	<0.0049	<0.0022
MW-10	03/22/2016	<0.5	<5.3	<3.8	<9.6	<8.3	<0.63	<0.47	<0.17	<0.47	0.67 I	<0.67	<0.088	<0.0049	<0.0022
MW-10	07/27/2016	<0.49	5.8 I	<5.3	<9.6	<9.6	<0.63	<0.47	<0.17	<0.47	0.58 I	<0.67	<0.087	<0.0048	<0.0021
MW-10	01/25/2017	<0.580	<2.00	<2.00	<16.0	<16.0	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-11	01/18/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0097	<0.0097
MW-11	07/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0057	<0.0061
MW-11	01/23/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-11	07/16/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.095	<0.0053	<0.0023
MW-11	01/22/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.098	<0.0054	<0.0024
MW-11	07/22/2014	-	3.8 I	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.095	<0.0053	<0.0023
MW-11	01/20/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-11	07/22/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-11	03/24/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.088	<0.0049	<0.0021
MW-11	07/25/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-11	01/24/2017	-	<2.00	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-12	01/18/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0097	<0.0097
MW-12	07/17/2012	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0057	<0.0061
MW-12	01/23/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.09	<0.005	<0.0022
MW-12	07/17/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.097	<0.0054	<0.0024
MW-12	01/22/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.095	<0.0053	<0.0023
MW-12	07/22/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.094	<0.0052	<0.0023
MW-12	01/20/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.091	<0.005	<0.0022
MW-12	07/22/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.0049	<0.0022
MW-12	03/24/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.089	<0.005	<0.0022
MW-12	07/25/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.087	<0.0048	<0.0021
MW-12	01/24/2017	-	<2.00	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-13	01/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	0.55 I	<0.45	<0.18	<0.0098	<0.0098
MW-13	07/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	0.67 I	<0.45	<0.18	<0.0057	<0.0061
MW-13	01/23/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	0.57 I	<0.45	<0.091	<0.005	<0.0022
MW-13	07/17/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	0.57 I	<0.45	<0.095	<0.0053	<0.0023
MW-13	01/22/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.096	<0.0053	<0.0023
MW-13	07/23/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.09	<0.005	<0.0022
MW-13	01/20/2015	-	<3.8	-	46 J	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.088	<0.0049	<0.0022

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		THALLIUM, DISSOLVED	VANADIUM	VANADIUM, DISSOLVED	ZINC	ZINC, DISSOLVED	1,1,1,2-TETRA- CHLORO- ETHANE	1,1,1- TRICHLORO- ETHANE	1,1,2,2-TETRA- CHLORO- ETHANE	1,1,2- TRICHLORO- ETHANE	1,1- DICHLORO- ETHANE	1,1- DICHLORO- ETHENE	1,2,3- TRICHLORO- PROPANE	1,2-DIBROMO- 3-CHLORO- PROPANE	1,2-DIBROMO- ETHANE (EDB)
STANDARD UNITS		2 µg/L* µg/L	49 µg/L*** µg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	5000 µg/L** µg/L	1.3 µg/L*** µg/L	200 µg/L* µg/L	0.2 µg/L*** µg/L	5 µg/L* µg/L	70 µg/L*** µg/L	7 µg/L* µg/L	0.02 µg/L*** µg/L	0.2 µg/L* µg/L	0.02 µg/L* µg/L
MW-13	07/22/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-13	03/23/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.089	<0.005	<0.0022
MW-13	07/26/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-13	01/24/2017	-	<2.00	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-14	01/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0099	<0.0099
MW-14	07/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0056	<0.006
MW-14	01/23/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-14	02/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	07/17/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.096	<0.0054	<0.0024
MW-14	01/21/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-14	07/23/2014	-	4.2 I	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-14	01/20/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.09	<0.005	<0.0022
MW-14	07/22/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.087	<0.0048	<0.0021
MW-14	03/23/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-14	07/25/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.087	<0.0048	<0.0021
MW-14	01/23/2017	-	2.50 I	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-15	01/17/2012	-	<3.8	-	13 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0097	<0.0097
MW-15	07/17/2012	-	<3.8	-	30	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0057	<0.0061
MW-15	01/24/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.092	<0.0051	<0.0023
MW-15	07/17/2013	-	<3.8	-	20	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.095	<0.0053	<0.0023
MW-15	01/22/2014	-	<3.8	-	60	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.092	<0.0051	<0.0022
MW-15	07/23/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.095	<0.0053	<0.0023
MW-15	01/20/2015	-	<3.8	-	9.8 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-15	07/23/2015	-	6.7 I	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.09	<0.005	<0.0022
MW-15	03/23/2016	-	<5.3	-	13 I	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.088	<0.0049	<0.0022
MW-15	07/25/2016	-	<5.3	-	11 I	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-15	01/23/2017	-	<2.00	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-17	01/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0097	<0.0097
MW-17	07/17/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0057	<0.0061
MW-17	01/23/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.092	<0.0051	<0.0023
MW-17	07/17/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.094	<0.0052	<0.0023
MW-17	01/21/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.094	<0.0052	<0.0023
MW-17	07/23/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.092	<0.0051	<0.0023
MW-17	01/20/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.092	<0.0051	<0.0022
MW-17	07/22/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.089	<0.005	<0.0022
MW-17	03/23/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.087	<0.0048	<0.0021
MW-17	07/25/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.086	<0.0048	<0.0021
MW-17	01/23/2017	-	<2.00	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		THALLIUM, DISSOLVED	VANADIUM	VANADIUM, DISSOLVED	ZINC	ZINC, DISSOLVED	1,1,1,2-TETRA- CHLORO- ETHANE	1,1,1- TRICHLORO- ETHANE	1,1,2,2-TETRA- CHLORO- ETHANE	1,1,2- TRICHLORO- ETHANE	1,1- DICHLORO- ETHANE	1,1- DICHLORO- ETHENE	1,2,3- TRICHLORO- PROPANE	1,2-DIBROMO- 3-CHLORO- PROPANE	1,2-DIBROMO- ETHANE (EDB)
STANDARD UNITS		2 µg/L* µg/L	49 µg/L*** µg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	5000 µg/L** µg/L	1.3 µg/L*** µg/L	200 µg/L* µg/L	0.2 µg/L*** µg/L	5 µg/L* µg/L	70 µg/L*** µg/L	7 µg/L* µg/L	0.02 µg/L*** µg/L	0.2 µg/L* µg/L	0.02 µg/L* µg/L
MW-20	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20	01/18/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.01	<0.01
MW-20	07/18/2012	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<0.0056	<0.006
MW-20	01/22/2013	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.086	<0.0048	<0.0021
MW-20	07/16/2013	-	<3.8	-	13 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-20	01/22/2014	-	<3.8	-	19 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.097	<0.0054	<0.0024
MW-20	07/22/2014	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.096	<0.0053	<0.0023
MW-20	01/21/2015	-	<3.8	-	<8.3	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.091	<0.005	<0.0022
MW-20	07/22/2015	-	<3.8	-	17 I	-	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.087	<0.0048	<0.0021
MW-20	03/22/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.089	<0.0049	<0.0022
MW-20	07/26/2016	-	<5.3	-	<9.6	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.088	<0.0049	<0.0022
MW-20	01/25/2017	-	<2.00	-	<16.0	-	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004
MW-21	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/17/2012	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	0.53 I	<0.45	<0.18	<0.0099	<0.0099
MW-21	07/19/2012	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.18	<2.5	<0.006
MW-21	01/22/2013	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	0.58 I	<0.45	<0.086	<0.0048	<0.0021
MW-21	07/16/2013	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-21	01/21/2014	<0.5	4.2 I	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.093	<0.0052	<0.0023
MW-21	07/22/2014	<0.5	4.6 I	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.094	<0.0052	<0.0023
MW-21	01/20/2015	<0.5	<3.8	<3.8	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.09	<0.005	<0.0022
MW-21	07/23/2015	<0.5	5.2 I	7.3 I	<8.3	<8.3	<0.63	<0.46	<0.15	<0.47	<0.52	<0.45	<0.088	<0.0049	<0.0022
MW-21	03/22/2016	<0.5	<5.3	<3.8	<9.6	<8.3	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.088	<0.0049	<0.0021
MW-21	07/27/2016	<0.49	<5.3	<5.3	<9.6	<9.6	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.089	<0.0049	<0.0022
MW-21	01/25/2017	<0.580	<2.00	<2.00	<16.0	<16.0	<0.61	<0.80	<0.54	<0.76	<0.62	<0.94	<0.64	<0.012	<0.004

Assessment

MW-18	01/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/24/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/16/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/21/2015	-	-	-	-	-	<0.63	<0.47	<0.17	<0.47	<0.52	<0.67	<0.44	<2.5	<0.5
MW-18	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	03/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	07/27/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/17/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		THALLIUM, DISSOLVED	VANADIUM	VANADIUM, DISSOLVED	ZINC	ZINC, DISSOLVED	1,1,1,2-TETRA- CHLORO- ETHANE	1,1,1- TRICHLORO- ETHANE	1,1,2,2-TETRA- CHLORO- ETHANE	1,1,2- TRICHLORO- ETHANE	1,1- DICHLORO- ETHANE	1,1- DICHLORO- ETHENE	1,2,3- TRICHLORO- PROPANE	1,2-DIBROMO- 3-CHLORO- PROPANE	1,2-DIBROMO- ETHANE (EDB)
STANDARD UNITS		2 µg/L* µg/L	49 µg/L*** µg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	5000 µg/L** µg/L	1.3 µg/L*** µg/L	200 µg/L* µg/L	0.2 µg/L*** µg/L	5 µg/L* µg/L	70 µg/L*** µg/L	7 µg/L* µg/L	0.02 µg/L*** µg/L	0.2 µg/L* µg/L	0.02 µg/L* µg/L
MW-19	07/19/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/23/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/17/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/23/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	03/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	07/26/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	08/17/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/25/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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=Primary Drinking Water Standard

=Secondary Drinking Water Standard

=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)

=No Standard

=Not Analyzed

I

J

V

Q

= Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)

= Estimated value

= Analyte found in associated method blank

= Estimated value; analyte analyzed after acceptable holding time

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	1,2-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACRYLONI-TRILE	BENZENE	BROMO-CHLORO-METHANE	BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE
STANDARD UNITS		600 µg/L*	3 µg/L*	5 µg/L*	75 µg/L*	280 µg/L***	350 µg/L**	6300 µg/L***	0.06µg/L***	1 µg/L*	91 µg/L***	0.6 µg/L***	4.4 µg/L***	9.8 µg/L***	700 µg/L***
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background															
MW-3	01/18/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	07/19/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	01/22/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	07/16/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	01/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	07/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	01/21/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	07/22/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-3	03/22/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-3	07/26/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-3	01/24/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	34	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-7	01/18/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	0.81 I	<0.58	<0.35	<0.58	<2.5	<1
MW-7	07/18/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	0.96 I	<0.58	<0.35	<0.58	<2.5	<1
MW-7	01/22/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	0.97 I	<0.58	<0.35	<0.58	<2.5	<1
MW-7	07/16/2013	<0.44	<0.57	<0.52	0.78 I	<4.4	<3.8	<9.9	<1.2	0.95 I	<0.58	<0.35	<0.58	<2.5	<1
MW-7	01/22/2014	<0.44	<0.57	<0.52	1.6	<4.4	<3.8	<9.9	<1.2	1.1	<0.58	<0.35	<0.58	<2.5	<1
MW-7	07/22/2014	<0.44	<0.57	<0.52	1.6	<4.4	<3.8	<9.9	<1.2	2	<0.58	<0.35	<0.58	<2.5	<1
MW-7	01/21/2015	<0.44	<0.57	<0.52	2.2	<4.4	<3.8	<9.9	<1.2	2	<0.58	<0.35	<0.58	<2.5	<1
MW-7	07/22/2015	<0.44	<0.57	<0.52	2.2	<4.4	<3.8	<9.9	<1.2	2.1	<0.58	<0.35	<0.58	<2.5	<1
MW-7	03/23/2016	<0.49	<0.57	<0.52	3.5	<4.4	<4	<9.9	<4.5	1.8	<0.58	<0.44	<0.63	<2.5	<1
MW-7	07/26/2016	<0.49	<0.57	<0.52	3.8	<4.4	<4	<9.9	<4.5	2.6	<0.58	<0.44	<0.63	<2.5	<1
MW-7	01/24/2017	<0.73	<0.63	<0.80	3.1	<1.4	<0.79	28	<3.2	2.7	<0.94	<0.52	<0.75	<0.95	<2.6
Intermediate															
MW-6	01/18/2012	<0.44	<0.57	<0.52	0.66 I	<4.4	<3.8	<9.9	<1.2	0.69 I	<0.58	0.75 I	<0.58	<2.5	<1
MW-6	07/18/2012	<0.44	<0.57	<0.52	0.61 I	<4.4	<3.8	<9.9	<1.2	0.65 I	<0.58	1.2	<0.58	<2.5	<1
MW-6	02/20/2013	<0.44	<0.57	<0.52	0.57 I	<4.4	<3.8	<9.9	<1.2	0.64 I	<0.58	1.7	<0.58	<2.5	<1
MW-6	07/17/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	0.51 I	<0.58	1.3	<0.58	<2.5	<1
MW-6	01/22/2014	-	-	-	-	-	-	-	-	-	-	1.3	<0.39	-	-
MW-6	07/23/2014	-	-	-	-	-	-	-	-	-	-	1.2	<0.39	-	-
MW-6	01/21/2015	-	-	-	-	-	-	-	-	-	-	1.3	<0.17	-	-
MW-6	07/23/2015	-	-	-	-	-	-	-	-	-	-	1.6	<0.17	-	-
MW-6	03/22/2016	-	-	-	-	-	-	-	-	-	-	0.98	<0.17	-	-
MW-6	07/25/2016	-	-	-	-	-	-	-	-	-	-	0.84	<0.17	-	-
Compliance															
MW-10	01/17/2012	<0.44	<0.57	<0.52	7.8	<4.4	<3.8	<9.9	<1.2	2.5	<0.58	<0.35	<0.58	<2.5	<1
MW-10	07/18/2012	<0.44	<0.57	<0.52	7.6	<4.4	<3.8	<9.9	<1.2	1.7	<0.58	<0.35	<0.58	<2.5	<1

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	1,2-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACRYLONI-TRILE	BENZENE	BROMO-CHLORO-METHANE	BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE
STANDARD UNITS		600 µg/L*	3 µg/L*	5 µg/L*	75 µg/L*	280 µg/L***	350 µg/L**	6300 µg/L***	0.06µg/L***	1 µg/L*	91 µg/L***	0.6 µg/L***	4.4 µg/L***	9.8 µg/L***	700 µg/L***
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	01/24/2013	<0.44	<0.57	<0.52	5.8	<4.4	<3.8	<9.9	<1.2	1.6	<0.58	<0.35	<0.58	<2.5	<1
MW-10	07/16/2013	<0.44	<0.57	<0.52	8.6	<4.4	<3.8	<9.9	<1.2	1.6	<0.58	<0.35	<0.58	<2.5	<1
MW-10	01/21/2014	<0.44	<0.57	<0.52	7.8	<4.4	<3.8	<9.9	<1.2	1.2	<0.58	<0.35	<0.58	<2.5	<1
MW-10	07/22/2014	<0.44	<0.57	<0.52	6.8	<4.4	<3.8	<9.9	<1.2	1.6	<0.58	<0.35	<0.58	<2.5	<1
MW-10	01/20/2015	<0.44	<0.57	<0.52	7.3	<4.4	<3.8	<9.9	<1.2	1.3	<0.58	<0.35	<0.58	<2.5	<1
MW-10	07/22/2015	<0.44	<0.57	<0.52	5.5	<4.4	<3.8	<9.9	<1.2	1	<0.58	<0.35	<0.58	<2.5	<1
MW-10	03/22/2016	<0.49	<0.57	<0.52	5.7	<4.4	<4	<9.9	<4.5	0.62 I	<0.58	<0.44	<0.63	<2.5	<1
MW-10	07/27/2016	<0.49	<0.57	<0.52	5.5	<4.4	<4	<9.9	<4.5	0.72 I	<0.58	<0.44	<0.63	<2.5	<1
MW-10	01/25/2017	<0.73	<0.63	<0.80	5.0	<1.4	<0.79	34	<3.2	0.84 I	<0.94	<0.52	<0.75	<0.95	<2.6
MW-11	01/18/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	07/17/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	01/23/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	07/16/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	01/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	07/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	01/20/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	07/22/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-11	03/24/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-11	07/25/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-11	01/24/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	17 I	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-12	01/18/2012	<0.44	<0.57	<0.52	1.2	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	07/17/2012	<0.44	<0.57	<0.52	1.2	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	01/23/2013	<0.44	<0.57	<0.52	0.82 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	07/17/2013	<0.44	<0.57	<0.52	1	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	01/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	07/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	01/20/2015	<0.44	<0.57	<0.52	0.96 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	07/22/2015	<0.44	<0.57	<0.52	0.95 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-12	03/24/2016	<0.49	<0.57	<0.52	0.85 I	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-12	07/25/2016	<0.49	<0.57	<0.52	0.9 I	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-12	01/24/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	28	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-13	01/17/2012	<0.44	<0.57	<0.52	2.8	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	07/17/2012	<0.44	<0.57	<0.52	3	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	01/23/2013	<0.44	<0.57	<0.52	2.8	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	07/17/2013	<0.44	<0.57	<0.52	3.1	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	01/22/2014	<0.44	<0.57	<0.52	2.7	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	07/23/2014	<0.44	<0.57	<0.52	2.2	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	01/20/2015	<0.44	<0.57	<0.52	2.8	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	1,2-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACRYLONI-TRILE	BENZENE	BROMO-CHLORO-METHANE	BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE
STANDARD UNITS		600 µg/L*	3 µg/L*	5 µg/L*	75 µg/L*	280 µg/L***	350 µg/L**	6300 µg/L***	0.06µg/L***	1 µg/L*	91 µg/L***	0.6 µg/L***	4.4 µg/L***	9.8 µg/L***	700 µg/L***
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-13	07/22/2015	<0.44	<0.57	<0.52	2.2	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-13	03/23/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-13	07/26/2016	<0.49	<0.57	<0.52	1.1	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-13	01/24/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	<10	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-14	01/17/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	07/17/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	01/23/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	02/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	07/17/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	01/21/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	07/23/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	01/20/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	07/22/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-14	03/23/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-14	07/25/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-14	01/23/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	<10	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-15	01/17/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	0.54 I	<0.58	<0.35	<0.58	<2.5	<1
MW-15	07/17/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	01/24/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	07/17/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	01/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	07/23/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	01/20/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	07/23/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-15	03/23/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-15	07/25/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	130	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-15	01/23/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	22	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-17	01/17/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	07/17/2012	<0.44	<0.57	<0.52	0.74 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	01/23/2013	<0.44	<0.57	<0.52	0.65 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	07/17/2013	<0.44	<0.57	<0.52	0.77 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	01/21/2014	<0.44	<0.57	<0.52	0.97 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	07/23/2014	<0.44	<0.57	<0.52	0.64 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	01/20/2015	<0.44	<0.57	<0.52	1.1	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	07/22/2015	<0.44	<0.57	<0.52	0.77 I	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-17	03/23/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	0.62 I	<0.58	<0.44	<0.63	<2.5	<1
MW-17	07/25/2016	<0.49	<0.57	<0.52	1.3	<4.4	<4	<9.9	<4.5	0.56 I	<0.58	<0.44	<0.63	<2.5	<1
MW-17	01/23/2017	<0.73	<0.63	<0.80	2.0	<1.4	<0.79	27	<3.2	0.81 I	<0.94	<0.52	<0.75	<0.95	<2.6

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	1,2-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACRYLONI-TRILE	BENZENE	BROMO-CHLORO-METHANE	BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE
STANDARD UNITS		600 µg/L* µg/L	3 µg/L* µg/L	5 µg/L* µg/L	75 µg/L* µg/L	280 µg/L*** µg/L	350 µg/L** µg/L	6300 µg/L*** µg/L	0.06µg/L*** µg/L	1 µg/L* µg/L	91 µg/L*** µg/L	0.6 µg/L*** µg/L	4.4 µg/L*** µg/L	9.8 µg/L*** µg/L	700 µg/L*** µg/L
MW-20	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20	01/18/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	07/18/2012	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	01/22/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	07/16/2013	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	01/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	07/22/2014	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	01/21/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	07/22/2015	<0.44	<0.57	<0.52	<0.52	<4.4	<3.8	<9.9	<1.2	<0.5	<0.58	<0.35	<0.58	<2.5	<1
MW-20	03/22/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-20	07/26/2016	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.44	<0.63	<2.5	<1
MW-20	01/25/2017	<0.73	<0.63	<0.80	<0.76	<1.4	<0.79	22	<3.2	<0.71	<0.94	<0.52	<0.75	<0.95	<2.6
MW-21	02/17/2011	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-
MW-21	01/17/2012	<0.44	<0.57	<0.52	13	<4.4	<3.8	<9.9	<1.2	2.8	<0.58	<0.35	<0.58	<2.5	<1
MW-21	07/19/2012	<0.44	<0.57	<0.52	10	<4.4	<3.8	<9.9	<1.2	1.8	<0.58	<0.35	<0.58	<2.5	<1
MW-21	01/22/2013	<0.44	<0.57	<0.52	15	<4.4	<3.8	17 I	<1.2	2.5	<0.58	<0.35	<0.58	<2.5	<1
MW-21	07/16/2013	<0.44	<0.57	<0.52	10	<4.4	<3.8	<9.9	<1.2	1.4	<0.58	<0.35	<0.58	<2.5	<1
MW-21	01/21/2014	<0.44	<0.57	<0.52	13 J	<4.4	<3.8	<9.9	<1.2	1.3	<0.58	<0.35	<0.58	<2.5	<1
MW-21	07/22/2014	<0.44	<0.57	<0.52	8.3	<4.4	<3.8	<9.9	<1.2	1.5	<0.58	<0.35	<0.58	<2.5	<1
MW-21	01/20/2015	<0.44	<0.57	<0.52	10	<4.4	<3.8	<9.9	<1.2	1.5	<0.58	<0.35	<0.58	<2.5	<1
MW-21	07/23/2015	<0.44	<0.57	<0.52	9	<4.4	<3.8	<9.9	<1.2	1.3	<0.58	<0.35	<0.58	<2.5	<1
MW-21	03/22/2016	<0.49	<0.57	<0.52	8.8	<4.4	<4	<9.9	<4.5	1.3	<0.58	<0.44	<0.63	<2.5	<1
MW-21	07/27/2016	<0.49	<0.57	<0.52	5.5	<4.4	<4	<9.9	<4.5	0.93 I	<0.58	<0.44	<0.63	<2.5	<1
MW-21	01/25/2017	<0.73	<0.63	<0.80	5.3	<1.4	<0.79	28	<3.2	1.0	<0.94	<0.52	<0.75	<0.95	<2.6
Assessment															
MW-18	01/17/2012	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	07/17/2012	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	01/24/2013	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	07/16/2013	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	01/22/2014	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	07/22/2014	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	01/21/2015	<0.49	<0.57	<0.52	<0.6	<4.4	<4	<9.9	<4.5	<0.5	<0.58	<0.35	<0.63	<2.5	<1
MW-18	07/23/2015	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	03/23/2016	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	07/27/2016	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-18	01/25/2017	-	-	-	-	-	-	-	-	<0.71	-	-	-	-	-
MW-19	01/17/2012	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	1,2-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACRYLONI-TRILE	BENZENE	BROMO-CHLORO-METHANE	BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE
STANDARD UNITS		600 µg/L*	3 µg/L*	5 µg/L*	75 µg/L*	280 µg/L***	350 µg/L**	6300 µg/L***	0.06µg/L***	1 µg/L*	91 µg/L***	0.6 µg/L***	4.4 µg/L***	9.8 µg/L***	700 µg/L***
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-19	07/19/2012	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-19	01/23/2013	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-19	07/17/2013	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-19	01/22/2014	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
MW-19	07/22/2014	-	-	-	-	-	-	-	-	0.65 I	-	-	-	-	-
MW-19	01/21/2015	-	-	-	-	-	-	-	-	1	-	-	-	-	-
MW-19	07/23/2015	-	-	-	-	-	-	-	-	0.74 I	-	-	-	-	-
MW-19	03/23/2016	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-
MW-19	07/26/2016	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-
MW-19	08/17/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/25/2017	-	-	-	-	-	-	-	-	2.1	-	-	-	-	-

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CARBON TETRA- CHLORIDE	CHLORO- BENZENE	CHLORO- ETHANE	CHLORO- FORM	CHLORO- METHANE (METHYL CHLORIDE)	CIS-1,2- DICHLORO- ETHENE	CIS-1,3- DICHLORO- PROPENE	DIBROMO- CHLORO- METHANE	DICHLORO- METHANE	ETHYL- BENZENE	M&P- XYLENES	METHYL ETHYL KETONE	METHYL- IODIDE	O-XYLENES
STANDARD UNITS		3 µg/L* µg/L	100 µg/L* µg/L	12 µg/L*** µg/L	70 µg/L*** µg/L	2.7 µg/L*** µg/L	70 µg/L* µg/L	0.4 µg/L*** µg/L	0.4 µg/L*** µg/L	5 µg/L* µg/L	30 µg/L** µg/L	20 µg/L** µg/L	4200 µg/L*** µg/L	(1) µg/L	20 µg/L** µg/L
Background															
MW-3	01/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	07/19/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	01/22/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	07/16/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	01/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	07/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	01/21/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-3	03/22/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-3	07/26/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-3	01/24/2017	<0.94	<0.72	<0.98	<0.80	2.3	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-7	01/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	9	-	<8.4	<2.5	-
MW-7	07/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	9.2	-	<8.4	<2.5	-
MW-7	01/22/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	5.9	-	<8.4	<2.5	-
MW-7	07/16/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	3.2	-	<8.4	<2.5	-
MW-7	01/22/2014	<0.42	0.91 I	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	2.7	-	<8.4	<2.5	-
MW-7	07/22/2014	<0.42	0.87 I	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	3.3	-	<8.4	<2.5	-
MW-7	01/21/2015	<0.42	1.3	<2.5	<0.9	<1	0.77 I	<0.14	<0.34	<4	2.6	-	<8.4	<2.5	-
MW-7	07/22/2015	<0.42	1	<2.5	<0.9	<1	0.69 I	<0.14	<0.34	<4	3.9	-	<8.4	<2.5	-
MW-7	03/23/2016	<0.43	1.2	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	2.5	-	<8.4	<2.5	-
MW-7	07/26/2016	<0.43	1.2	<2.5	<0.9	<1	0.76 I	<0.39	<0.31	<5	3.9	-	<8.4	<2.5	-
MW-7	01/24/2017	<0.94	<0.72	<0.98	<0.80	<0.82	<0.53	<0.59	<0.44	<2.0	1.8	<1.3	<4.5	<0.72	<0.53
Intermediate															
MW-6	01/18/2012	<0.42	<0.63	<2.5	1.3	<1	0.86 I	<0.14	0.51 I	<4	<0.44	-	<8.4	<2.5	-
MW-6	07/18/2012	<0.42	<0.63	<2.5	1.9	<1	0.85 I	<0.14	0.81 I	<4	<0.44	-	<8.4	<2.5	-
MW-6	02/20/2013	<0.42	<0.63	<2.5	2.5	<1	0.81 I	<0.14	1.6	<4	<0.44	-	<8.4	<2.5	-
MW-6	07/17/2013	<0.42	<0.63	<2.5	1.8	<1	<0.65	<0.14	1.1	<4	<0.44	-	<8.4	<2.5	-
MW-6	01/22/2014	-	-	-	1.8	-	-	-	1.2	-	-	-	-	-	-
MW-6	07/23/2014	-	-	-	1.7	-	-	-	1.1	-	-	-	-	-	-
MW-6	01/21/2015	-	-	-	2	-	-	-	1.1	-	-	-	-	-	-
MW-6	07/23/2015	-	-	-	2.2	-	-	-	1.3	-	-	-	-	-	-
MW-6	03/22/2016	-	-	-	1.4	-	-	-	0.84	-	-	-	-	-	-
MW-6	07/25/2016	-	-	-	1.3	-	-	-	0.84	-	-	-	-	-	-
Compliance															
MW-10	01/17/2012	<0.42	<0.63	<2.5	<0.9	<1	6.9	<0.14	<0.34	5.3	<0.44	-	<8.4	<2.5	-
MW-10	07/18/2012	<0.42	0.66 I	<2.5	<0.9	<1	6.1	<0.14	<0.34	4.6 I	<0.44	-	<8.4	<2.5	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CARBON TETRA- CHLORIDE	CHLORO- BENZENE	CHLORO- ETHANE	CHLORO- FORM	CHLORO- METHANE (METHYL CHLORIDE)	CIS-1,2- DICHLORO- ETHENE	CIS-1,3- DICHLORO- PROPENE	DIBROMO- CHLORO- METHANE	DICHLORO- METHANE	ETHYL- BENZENE	M&P- XYLENES	METHYL ETHYL KETONE	METHYL- IODIDE	O-XYLENES
STANDARD UNITS		3 µg/L* µg/L	100 µg/L* µg/L	12 µg/L*** µg/L	70 µg/L*** µg/L	2.7 µg/L*** µg/L	70 µg/L* µg/L	0.4 µg/L*** µg/L	0.4 µg/L*** µg/L	5 µg/L* µg/L	30 µg/L** µg/L	20 µg/L** µg/L	4200 µg/L*** µg/L	(1) µg/L	20 µg/L** µg/L
MW-10	01/24/2013	<0.42	<0.63	<2.5	<0.9	<1	5.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-10	07/16/2013	<0.42	0.63 I	<2.5	<0.9	<1	4.9	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-10	01/21/2014	<0.42	<0.63	<2.5	<0.9	<1	3.4	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-10	07/22/2014	<0.42	<0.63	<2.5	<0.9	<1	5.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-10	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	3.4	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-10	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	3.1	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-10	03/22/2016	<0.43	<0.63	<2.5	<0.9	<1	2.2	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-10	07/27/2016	<0.43	<0.63	<2.5	<0.9	<1	2.2	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-10	01/25/2017	<0.94	<0.72	<0.98	<0.80	<0.82	2.4	<0.59	<0.44	<2.0	<0.69	1.6 I	<4.5	<0.72	<0.53
MW-11	01/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	07/17/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	01/23/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	07/16/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	01/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	07/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-11	03/24/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-11	07/25/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-11	01/24/2017	<0.94	<0.72	<0.98	<0.80	<0.82	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-12	01/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	07/17/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	01/23/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	07/17/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	01/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	07/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-12	03/24/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-12	07/25/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-12	01/24/2017	<0.94	<0.72	<0.98	<0.80	2.6	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-13	01/17/2012	<0.42	<0.63	<2.5	<0.9	<1	2.1	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	07/17/2012	<0.42	<0.63	<2.5	<0.9	<1	2.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	01/23/2013	<0.42	<0.63	<2.5	<0.9	<1	2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	07/17/2013	<0.42	<0.63	<2.5	<0.9	<1	1.7	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	01/22/2014	<0.42	<0.63	<2.5	<0.9	<1	1	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	07/23/2014	<0.42	<0.63	<2.5	<0.9	<1	1	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	1.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CARBON TETRA- CHLORIDE	CHLORO- BENZENE	CHLORO- ETHANE	CHLORO- FORM	CHLORO- METHANE (METHYL CHLORIDE)	CIS-1,2- DICHLORO- ETHENE	CIS-1,3- DICHLORO- PROPENE	DIBROMO- CHLORO- METHANE	DICHLORO- METHANE	ETHYL- BENZENE	M&P- XYLENES	METHYL ETHYL KETONE	METHYL- IODIDE	O-XYLENES
STANDARD UNITS		3 µg/L* µg/L	100 µg/L* µg/L	12 µg/L*** µg/L	70 µg/L*** µg/L	2.7 µg/L*** µg/L	70 µg/L* µg/L	0.4 µg/L*** µg/L	0.4 µg/L*** µg/L	5 µg/L* µg/L	30 µg/L** µg/L	20 µg/L** µg/L	4200 µg/L*** µg/L	(1) µg/L	20 µg/L** µg/L
MW-13	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	1.5	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-13	03/23/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-13	07/26/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-13	01/24/2017	<0.94	<0.72	<0.98	<0.80	<0.82	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-14	01/17/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	07/17/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	01/23/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	02/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	07/17/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	01/21/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	07/23/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-14	03/23/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-14	07/25/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-14	01/23/2017	<0.94	<0.72	<0.98	<0.80	<0.82	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-15	01/17/2012	<0.42	<0.63	<2.5	<0.9	<1	3.1	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	07/17/2012	<0.42	<0.63	<2.5	<0.9	<1	3	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	01/24/2013	<0.42	<0.63	<2.5	<0.9	<1	2.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	07/17/2013	<0.42	<0.63	<2.5	<0.9	<1	2.3	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	01/22/2014	<0.42	<0.63	<2.5	<0.9	<1	1.5	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	07/23/2014	<0.42	<0.63	<2.5	<0.9	<1	2.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	1.8	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	07/23/2015	<0.42	<0.63	<2.5	<0.9	<1	2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-15	03/23/2016	<0.43	<0.63	<2.5	<0.9	<1	1.9	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-15	07/25/2016	<0.43	<0.63	<2.5	<0.9	<1	1.5	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-15	01/23/2017	<0.94	<0.72	<0.98	<0.80	<0.82	1.8	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-17	01/17/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	07/17/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	01/23/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	07/17/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	01/21/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	07/23/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	01/20/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-17	03/23/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-17	07/25/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-17	01/23/2017	<0.94	<0.72	<0.98	<0.80	<0.82	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CARBON TETRA- CHLORIDE	CHLORO- BENZENE	CHLORO- ETHANE	CHLORO- FORM	CHLORO- METHANE (METHYL CHLORIDE)	CIS-1,2- DICHLORO- ETHENE	CIS-1,3- DICHLORO- PROPENE	DIBROMO- CHLORO- METHANE	DICHLORO- METHANE	ETHYL- BENZENE	M&P- XYLENES	METHYL ETHYL KETONE	METHYL- IODIDE	O-XYLENES
STANDARD UNITS		3 µg/L* µg/L	100 µg/L* µg/L	12 µg/L*** µg/L	70 µg/L*** µg/L	2.7 µg/L*** µg/L	70 µg/L* µg/L	0.4 µg/L*** µg/L	0.4 µg/L*** µg/L	5 µg/L* µg/L	30 µg/L** µg/L	20 µg/L** µg/L	4200 µg/L*** µg/L	(1) µg/L	20 µg/L** µg/L
MW-20	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20	01/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	07/18/2012	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	01/22/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	07/16/2013	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	01/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	07/22/2014	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	01/21/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	07/22/2015	<0.42	<0.63	<2.5	<0.9	<1	<0.65	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-20	03/22/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-20	07/26/2016	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-20	01/25/2017	<0.94	<0.72	<0.98	<0.80	<0.82	<0.53	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
MW-21	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/17/2012	<0.42	<0.63	<2.5	<0.9	<1	2.2	<0.14	<0.34	<4	1.7	-	<8.4	<2.5	-
MW-21	07/19/2012	<0.42	1.5	<2.5	<0.9	<1	1.8	<0.14	<0.34	<4	1.3	-	<8.4	<2.5	-
MW-21	01/22/2013	<0.42	2	<2.5	<0.9	<1	2.6	<0.14	<0.34	<4	2.2	-	<8.4	<2.5	-
MW-21	07/16/2013	<0.42	1.3	<2.5	<0.9	<1	1.3	<0.14	<0.34	<4	0.74 I	-	<8.4	<2.5	-
MW-21	01/21/2014	<0.42	1.5	<2.5	<0.9	<1	1.2	<0.14	<0.34	<4	0.69 I	-	<8.4	<2.5	-
MW-21	07/22/2014	<0.42	1.1	<2.5	<0.9	<1	1.6	<0.14	<0.34	<4	0.44 I	-	<8.4	<2.5	-
MW-21	01/20/2015	<0.42	1.5	<2.5	<0.9	<1	1.2	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-21	07/23/2015	<0.42	1.4	<2.5	<0.9	<1	1.5	<0.14	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-21	03/22/2016	<0.43	1.4	<2.5	<0.9	<1	1.3	<0.39	<0.31	<4	<0.44	-	<8.4	<2.5	-
MW-21	07/27/2016	<0.43	1.1	<2.5	<0.9	<1	0.83 I	<0.39	<0.31	<5	<0.44	-	<8.4	<2.5	-
MW-21	01/25/2017	<0.94	<0.72	<0.98	<0.80	<0.82	1.5	<0.59	<0.44	<2.0	<0.69	<1.3	<4.5	<0.72	<0.53
Assessment															
MW-18	01/17/2012	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	07/17/2012	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	01/24/2013	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	07/16/2013	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	01/22/2014	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	07/22/2014	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	01/21/2015	<0.43	<0.63	<2.5	<0.9	<1	<0.65	<0.39	<0.34	<4	<0.44	-	<8.4	<2.5	-
MW-18	07/23/2015	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	03/23/2016	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-18	07/27/2016	-	-	-	-	-	-	-	-	<5	-	-	-	-	-
MW-18	01/25/2017	-	-	-	-	-	-	-	-	<2.0	-	-	-	-	-
MW-19	01/17/2012	-	-	-	-	-	-	-	-	<4	-	-	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		CARBON TETRA- CHLORIDE	CHLORO- BENZENE	CHLORO- ETHANE	CHLORO- FORM	CHLORO- METHANE (METHYL CHLORIDE)	CIS-1,2- DICHLORO- ETHENE	CIS-1,3- DICHLORO- PROPENE	DIBROMO- CHLORO- METHANE	DICHLORO- METHANE	ETHYL- BENZENE	M&P- XYLENES	METHYL ETHYL KETONE	METHYL- IODIDE	O-XYLENES
STANDARD UNITS		3 µg/L* µg/L	100 µg/L* µg/L	12 µg/L*** µg/L	70 µg/L*** µg/L	2.7 µg/L*** µg/L	70 µg/L* µg/L	0.4 µg/L*** µg/L	0.4 µg/L*** µg/L	5 µg/L* µg/L	30 µg/L** µg/L	20 µg/L** µg/L	4200 µg/L*** µg/L	(1) µg/L	20 µg/L** µg/L
MW-19	07/19/2012	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-19	01/23/2013	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-19	07/17/2013	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-19	01/22/2014	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-19	07/22/2014	-	-	-	-	-	-	-	-	4.2 I	-	-	-	-	-
MW-19	01/21/2015	-	-	-	-	-	-	-	-	7.3	-	-	-	-	-
MW-19	07/23/2015	-	-	-	-	-	-	-	-	<4	-	-	-	-	-
MW-19	03/23/2016	-	-	-	-	-	-	-	-	7.1	-	-	-	-	-
MW-19	07/26/2016	-	-	-	-	-	-	-	-	<5	-	-	-	-	-
MW-19	08/17/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/25/2017	-	-	-	-	-	-	-	-	2.8 I	-	-	-	-	-

LEGEND		
*	=Primary Drinking Water Standard	I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J = Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V = Analyte found in associated method blank
(1)	=No Standard	Q = Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed	

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		STYRENE	TETRA- CHLORO- ETHENE	TOLUENE	TOTAL TRIALO- METHANES	TRANS-1,2- DICHLORO- ETHENE	TRANS-1,3- DICHLORO- PROPENE	TRICHLORO- ETHENE	TRICHLORO- FLUORO- METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4- DICHLORO-2- BUTENE	DIBROMO- METHANE
STANDARD UNITS		100 µg/L* µg/L	3 µg/L* µg/L	40 µg/L** µg/L	80 µg/L* µg/L	100 µg/L* µg/L	0.4 µg/L*** µg/L	3 µg/L* µg/L	2100 µg/L*** µg/L	88 µg/L*** µg/L	1 µg/L* µg/L	20 µg/L** µg/L	(1) µg/L	70 µg/L*** µg/L
Background														
MW-3	01/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	07/19/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	01/22/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	07/16/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	01/21/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-3	03/22/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-3	07/26/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-3	01/24/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-7	01/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	1.3 I	<2.5	<0.41
MW-7	07/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	3.3	<2.5	<0.41
MW-7	01/22/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.9 I	1.4 I	<2.5	<0.41
MW-7	07/16/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-7	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	1 I	<2.5	<0.41
MW-7	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	0.69 I	<2.5	<0.41
MW-7	01/21/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.68 I	1.3 I	<2.5	<0.41
MW-7	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	0.96 I	<2.5	<0.41
MW-7	03/23/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	0.77 I	<2.5	<0.46
MW-7	07/26/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	0.8 I	<2.5	<0.46
MW-7	01/24/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
Intermediate														
MW-6	01/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	2	<0.5	<2.5	<0.41
MW-6	07/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.2	<0.5	<2.5	<0.41
MW-6	02/20/2013	<0.98	<0.5	<0.51	4.7	<0.44	<0.14	<0.5	<2.5	<1.5	1.9	<0.5	<2.5	<0.41
MW-6	07/17/2013	<0.98	<0.5	<0.51	4.3	<0.44	<0.14	<0.5	<2.5	<1.5	1.4	<0.5	<2.5	<0.41
MW-6	01/22/2014	-	-	-	4.3	-	-	-	-	-	-	-	-	-
MW-6	07/23/2014	-	-	-	4	-	-	-	-	-	-	-	-	-
MW-6	01/21/2015	-	-	-	4.4	-	-	-	-	-	-	-	-	-
MW-6	07/23/2015	-	-	-	5.1	-	-	-	-	-	-	-	-	-
MW-6	03/22/2016	-	-	-	3.2	-	-	-	-	-	-	-	-	-
MW-6	07/25/2016	-	-	-	3.0	-	-	-	-	-	-	-	-	-
Compliance														
MW-10	01/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	2.8	5.6	<2.5	<0.41
MW-10	07/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	2.5	3	<2.5	<0.41

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		STYRENE	TETRA- CHLORO- ETHENE	TOLUENE	TOTAL TRIALO- METHANES	TRANS-1,2- DICHLORO- ETHENE	TRANS-1,3- DICHLORO- PROPENE	TRICHLORO- ETHENE	TRICHLORO- FLUORO- METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4- DICHLORO-2- BUTENE	DIBROMO- METHANE
STANDARD UNITS		100 µg/L* µg/L	3 µg/L* µg/L	40 µg/L** µg/L	80 µg/L* µg/L	100 µg/L* µg/L	0.4 µg/L*** µg/L	3 µg/L* µg/L	2100 µg/L*** µg/L	88 µg/L*** µg/L	1 µg/L* µg/L	20 µg/L** µg/L	(1) µg/L	70 µg/L*** µg/L
MW-10	01/24/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.7	5.4	<2.5	<0.41
MW-10	07/16/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.8	3.8	<2.5	<0.41
MW-10	01/21/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.5	2.1 I	<2.5	<0.41
MW-10	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.8	3.5	<2.5	<0.41
MW-10	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.8	3.1	<2.5	<0.41
MW-10	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.1	2.6 I	<2.5	<0.41
MW-10	03/22/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	0.86 I	1.5 I	<2.5	<0.46
MW-10	07/27/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	1.7 I	<2.5	<0.46
MW-10	01/25/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	1.6 I	<0.79	<0.84
MW-11	01/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	07/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	01/23/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	07/16/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-11	03/24/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-11	07/25/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-11	01/24/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-12	01/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	07/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	01/23/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	07/17/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-12	03/24/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-12	07/25/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-12	01/24/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-13	01/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.91 I	<0.5	<2.5	<0.41
MW-13	07/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.72 I	<0.5	<2.5	<0.41
MW-13	01/23/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.89 I	<0.5	<2.5	<0.41
MW-13	07/17/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.63 I	<0.5	<2.5	<0.41
MW-13	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.58 I	<0.5	<2.5	<0.41
MW-13	07/23/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-13	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		STYRENE	TETRA- CHLORO- ETHENE	TOLUENE	TOTAL TRIALO- METHANES	TRANS-1,2- DICHLORO- ETHENE	TRANS-1,3- DICHLORO- PROPENE	TRICHLORO- ETHENE	TRICHLORO- FLUORO- METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4- DICHLORO-2- BUTENE	DIBROMO- METHANE
STANDARD UNITS		100 µg/L* µg/L	3 µg/L* µg/L	40 µg/L** µg/L	80 µg/L* µg/L	100 µg/L* µg/L	0.4 µg/L*** µg/L	3 µg/L* µg/L	2100 µg/L*** µg/L	88 µg/L*** µg/L	1 µg/L* µg/L	20 µg/L** µg/L	(1) µg/L	70 µg/L*** µg/L
MW-13	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-13	03/23/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-13	07/26/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-13	01/24/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-14	01/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	07/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	01/23/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	02/20/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	07/17/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	01/21/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	07/23/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-14	03/23/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-14	07/25/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-14	01/23/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-15	01/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	0.94 I	<2.5	<1.5	0.59 I	<0.5	<2.5	<0.41
MW-15	07/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	0.88 I	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	01/24/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	0.68 I	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	07/17/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	0.68 I	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	0.52 I	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	07/23/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	0.53 I	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	07/23/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-15	03/23/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-15	07/25/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-15	01/23/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-17	01/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	07/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	01/23/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	07/17/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	01/21/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	07/23/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-17	03/23/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-17	07/25/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-17	01/23/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		STYRENE	TETRA- CHLORO- ETHENE	TOLUENE	TOTAL TRIALO- METHANES	TRANS-1,2- DICHLORO- ETHENE	TRANS-1,3- DICHLORO- PROPENE	TRICHLORO- ETHENE	TRICHLORO- FLUORO- METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4- DICHLORO-2- BUTENE	DIBROMO- METHANE
STANDARD UNITS		100 µg/L* µg/L	3 µg/L* µg/L	40 µg/L** µg/L	80 µg/L* µg/L	100 µg/L* µg/L	0.4 µg/L*** µg/L	3 µg/L* µg/L	2100 µg/L*** µg/L	88 µg/L*** µg/L	1 µg/L* µg/L	20 µg/L** µg/L	(1) µg/L	70 µg/L*** µg/L
MW-20	02/17/2011	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20	01/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	07/18/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	01/22/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	07/16/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	01/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	01/21/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	07/22/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-20	03/22/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-20	07/26/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-20	01/25/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
MW-21	02/17/2011	-	-	-	-	-	-	-	-	-	1.2	-	-	-
MW-21	01/17/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	1.1	<0.5	<2.5	<0.41
MW-21	07/19/2012	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.84 I	2.2 I	<2.5	<0.41
MW-21	01/22/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	2.3	<0.5	<2.5	<0.41
MW-21	07/16/2013	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.79 I	0.86 I	<2.5	<0.41
MW-21	01/21/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.68 I	<0.5	<2.5	<0.41
MW-21	07/22/2014	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.52 I	<0.5	<2.5	<0.41
MW-21	01/20/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	0.55 I	<0.5	<2.5	<0.41
MW-21	07/23/2015	<0.98	<0.5	<0.51	-	<0.44	<0.14	<0.5	<2.5	<1.5	<0.5	<0.5	<2.5	<0.41
MW-21	03/22/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-21	07/27/2016	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.71	<0.5	<2.5	<0.46
MW-21	01/25/2017	<0.61	<0.76	<0.72	-	<0.73	<0.73	<0.89	<0.94	<0.60	<0.71	<1.3	<0.79	<0.84
Assessment														
MW-18	01/17/2012	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	07/17/2012	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	01/24/2013	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	07/16/2013	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	01/22/2014	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	07/22/2014	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	01/21/2015	<0.98	<0.5	<0.51	-	<0.67	<0.27	<0.61	<2.5	<1.5	<0.5	<0.5	<2.5	<0.46
MW-18	07/23/2015	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-18	03/23/2016	-	-	-	-	-	-	-	-	-	<0.71	-	-	-
MW-18	07/27/2016	-	-	-	-	-	-	-	-	-	<0.71	-	-	-
MW-18	01/25/2017	-	-	-	-	-	-	-	-	-	<0.71	-	-	-
MW-19	01/17/2012	-	-	-	-	-	-	-	-	-	1.1	-	-	-

ALL DATA
CITRUS COUNTY CENTRAL LANDFILL
FEBRUARY 2011 THROUGH JANUARY 2017

PARAMETER		STYRENE	TETRA- CHLORO- ETHENE	TOLUENE	TOTAL TRICHALO- METHANES	TRANS-1,2- DICHLORO- ETHENE	TRANS-1,3- DICHLORO- PROPENE	TRICHLORO- ETHENE	TRICHLORO- FLUORO- METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4- DICHLORO-2- BUTENE	DIBROMO- METHANE
STANDARD UNITS		100 µg/L*	3 µg/L*	40 µg/L**	80 µg/L*	100 µg/L*	0.4 µg/L***	3 µg/L*	2100 µg/L***	88 µg/L***	1 µg/L*	20 µg/L**	(1)	70 µg/L***
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-19	07/19/2012	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-19	01/23/2013	-	-	-	-	-	-	-	-	-	0.61 I	-	-	-
MW-19	07/17/2013	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-19	01/22/2014	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-19	07/22/2014	-	-	-	-	-	-	-	-	-	0.65 I	-	-	-
MW-19	01/21/2015	-	-	-	-	-	-	-	-	-	1.2	-	-	-
MW-19	07/23/2015	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
MW-19	03/23/2016	-	-	-	-	-	-	-	-	-	1.9	-	-	-
MW-19	07/26/2016	-	-	-	-	-	-	-	-	-	2.2	-	-	-
MW-19	08/17/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19	01/25/2017	-	-	-	-	-	-	-	-	-	2.0	-	-	-

LEGEND

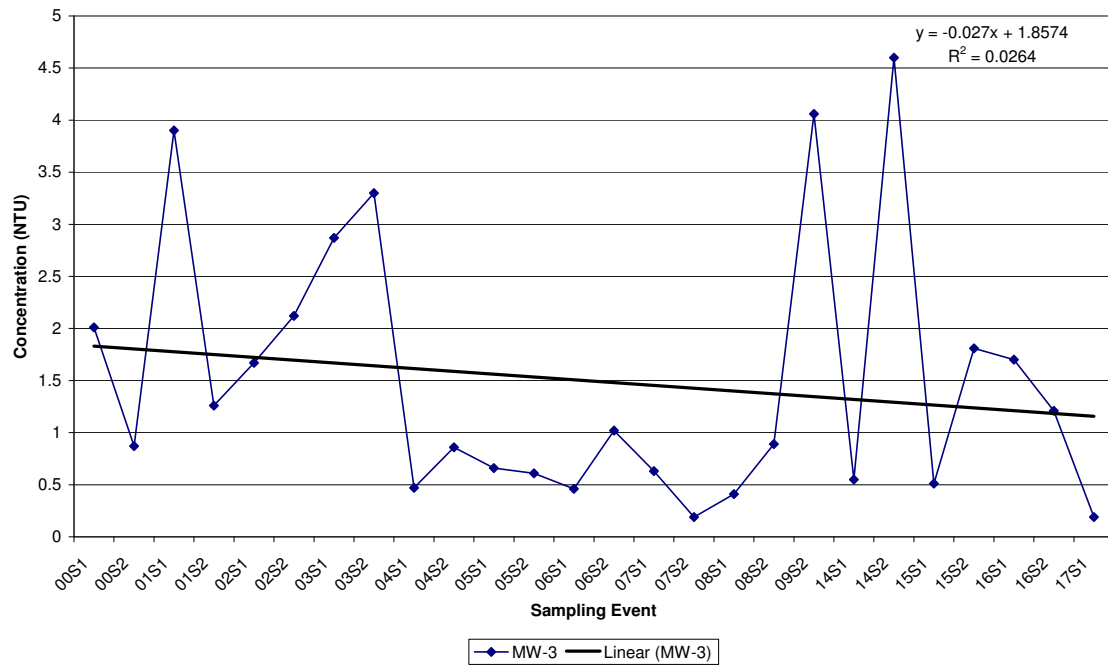
*	=Primary Drinking Water Standard	I	= Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
**	=Secondary Drinking Water Standard	J	= Estimated value
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)	V	= Analyte found in associated method blank
(1)	=No Standard	Q	= Estimated value; analyte analyzed after acceptable holding time
-	=Not Analyzed		

ATTACHMENT 8

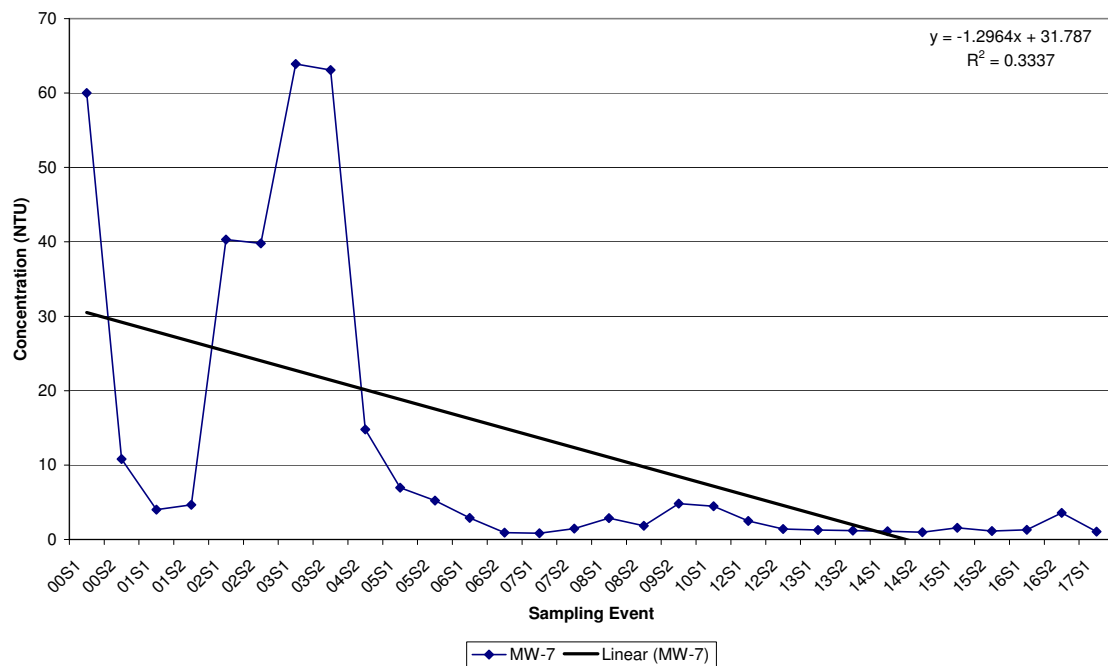
LONG-TERM TREND GRAPHS

Citrus County Central Landfill
Historical Turbidity Data

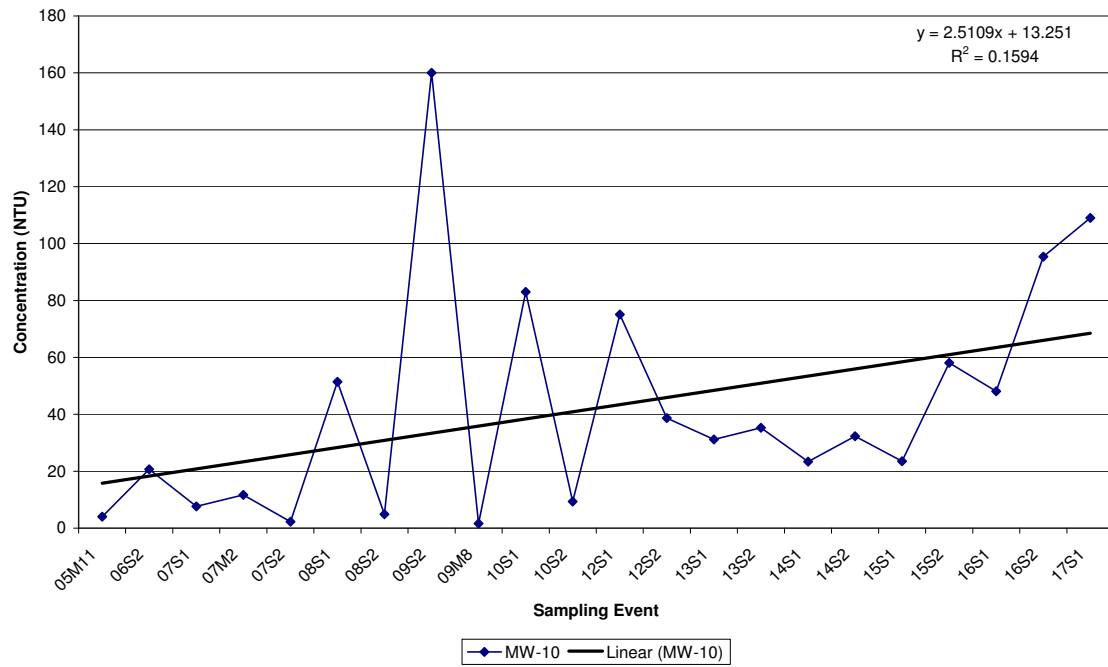
**Citrus County Central Landfill
Historic Turbidity in MW-3**



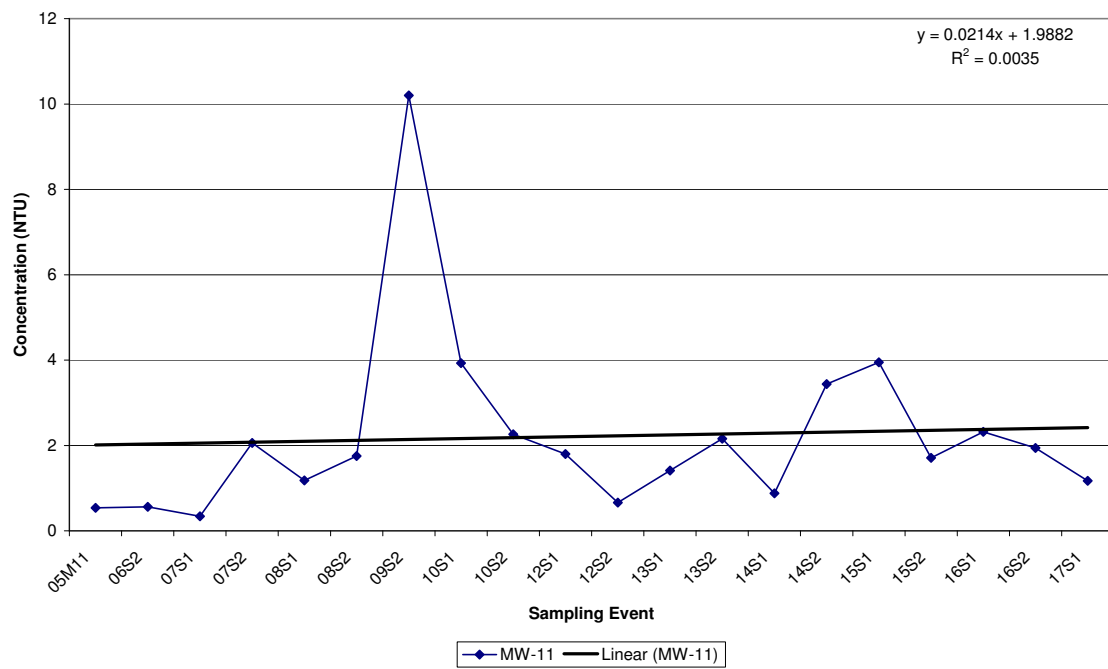
**Citrus County Central Landfill
Historic Turbidity in MW-7**



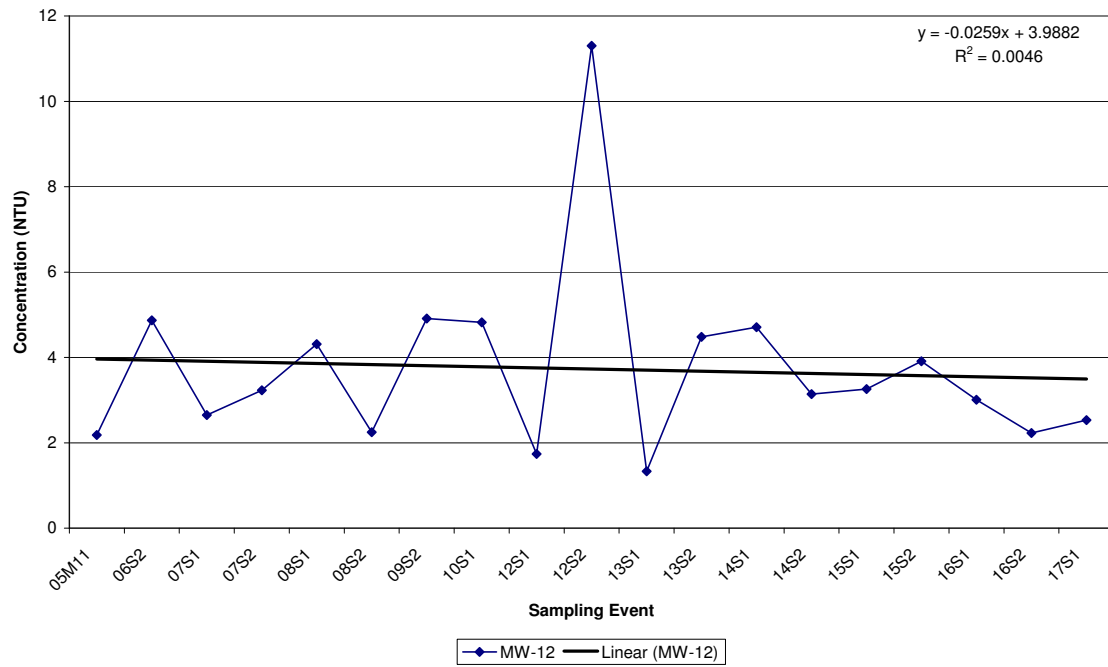
**Citrus County Central Landfill
Historic Turbidity in MW-10**



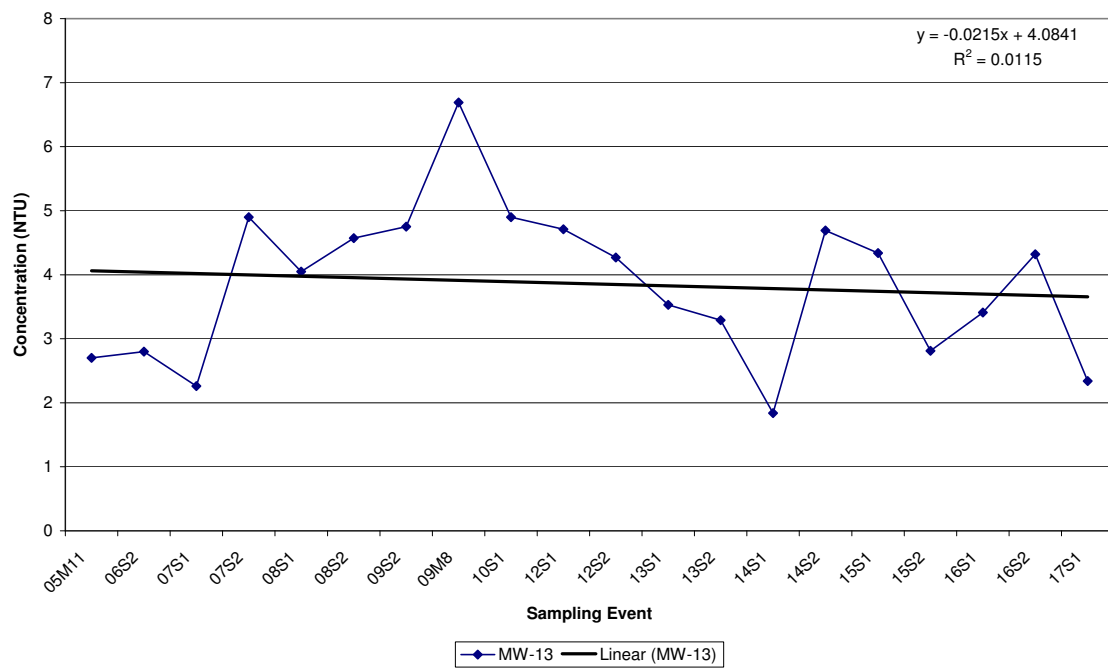
**Citrus County Central Landfill
Historic Turbidity in MW-11**



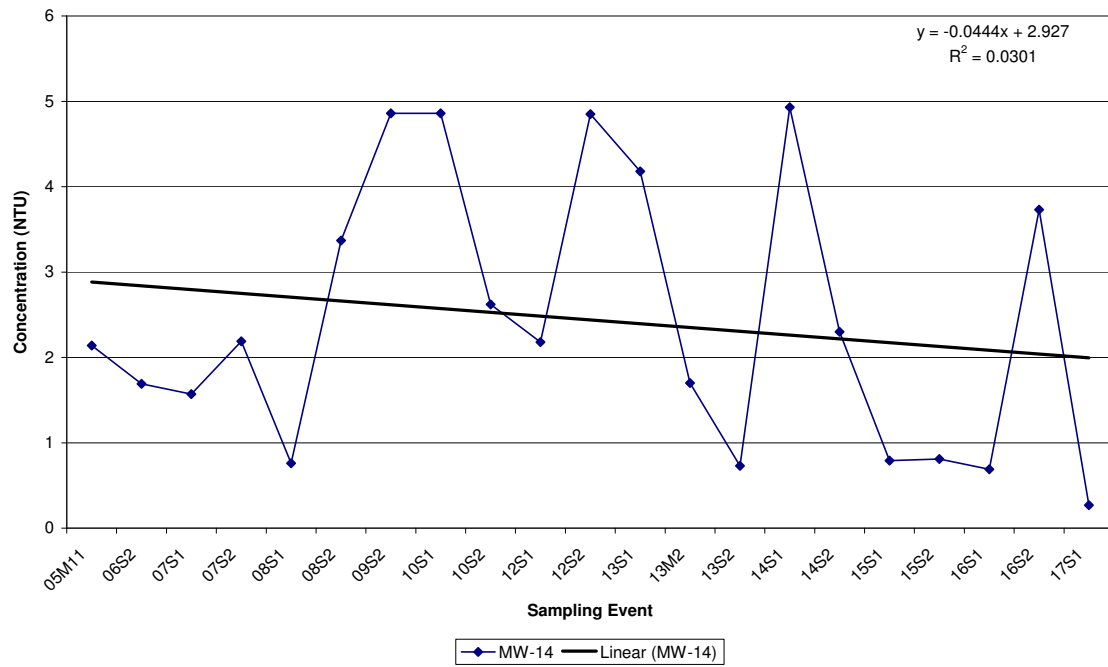
**Citrus County Central Landfill
Historic Turbidity in MW-12**



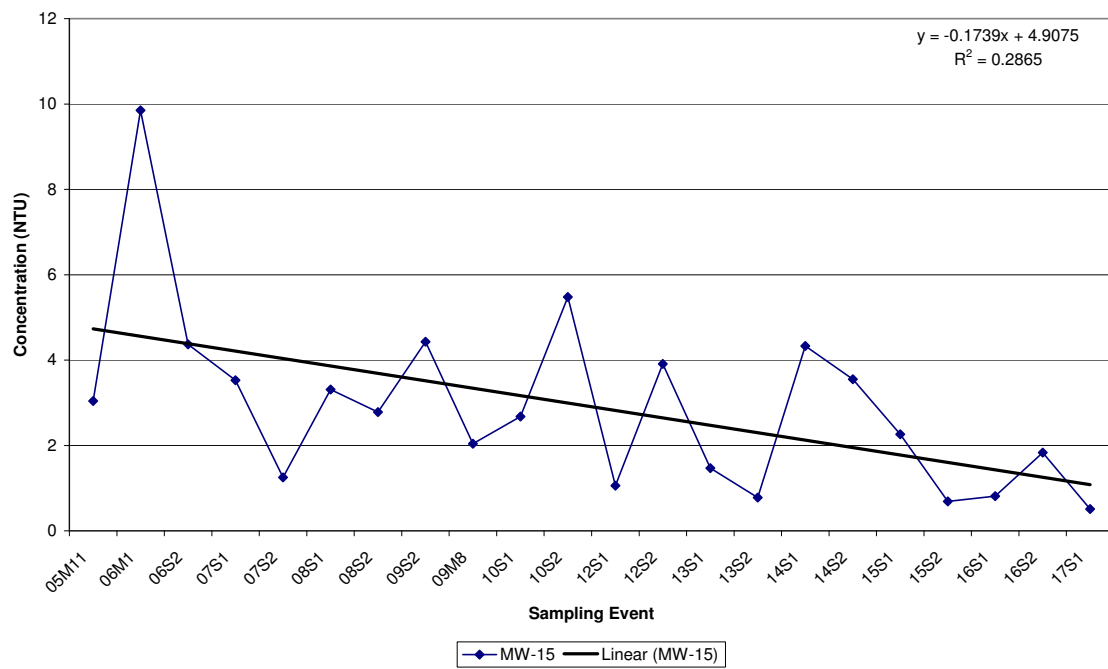
**Citrus County Central Landfill
Historic Turbidity in MW-13**



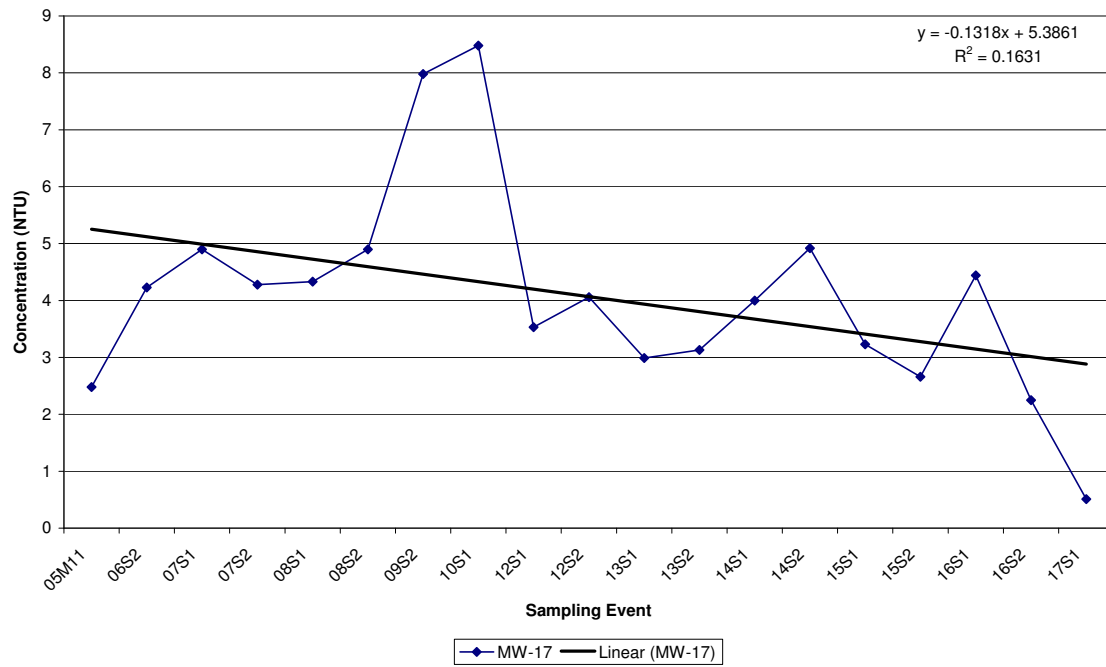
**Citrus County Central Landfill
Historic Turbidity in MW-14**



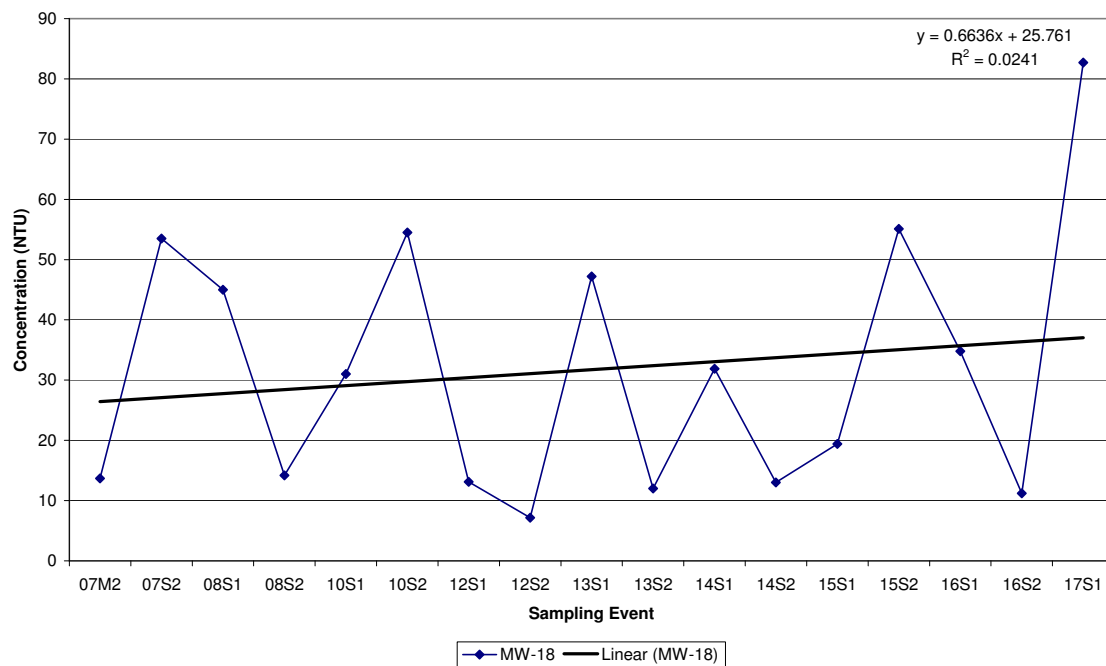
**Citrus County Central Landfill
Historic Turbidity in MW-15**



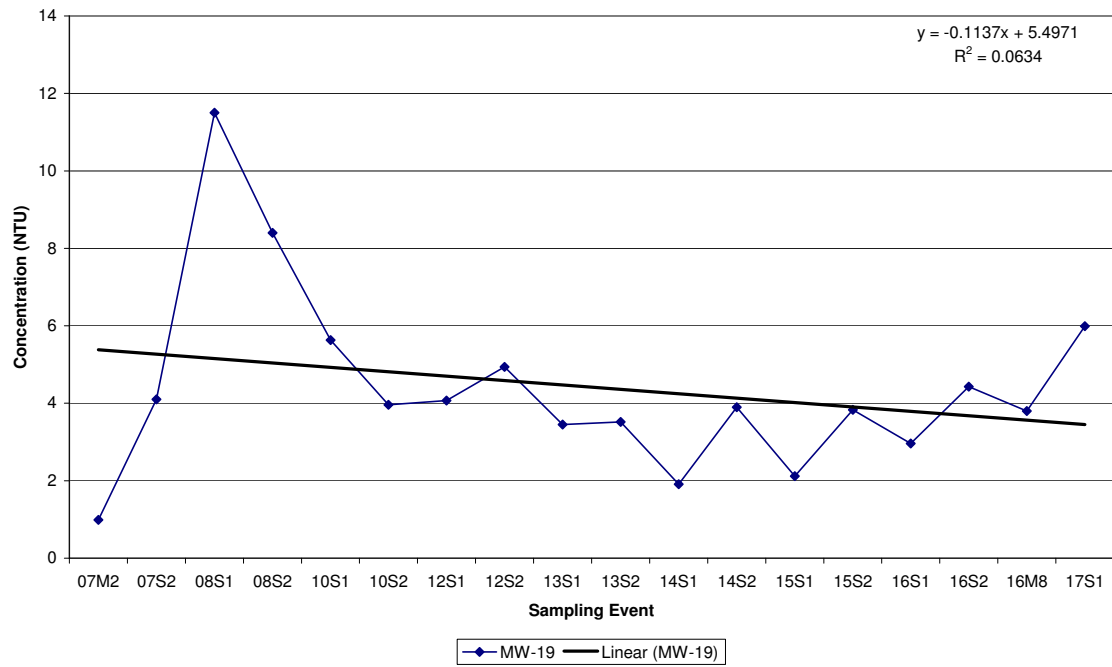
**Citrus County Central Landfill
Historic Turbidity in MW-17**



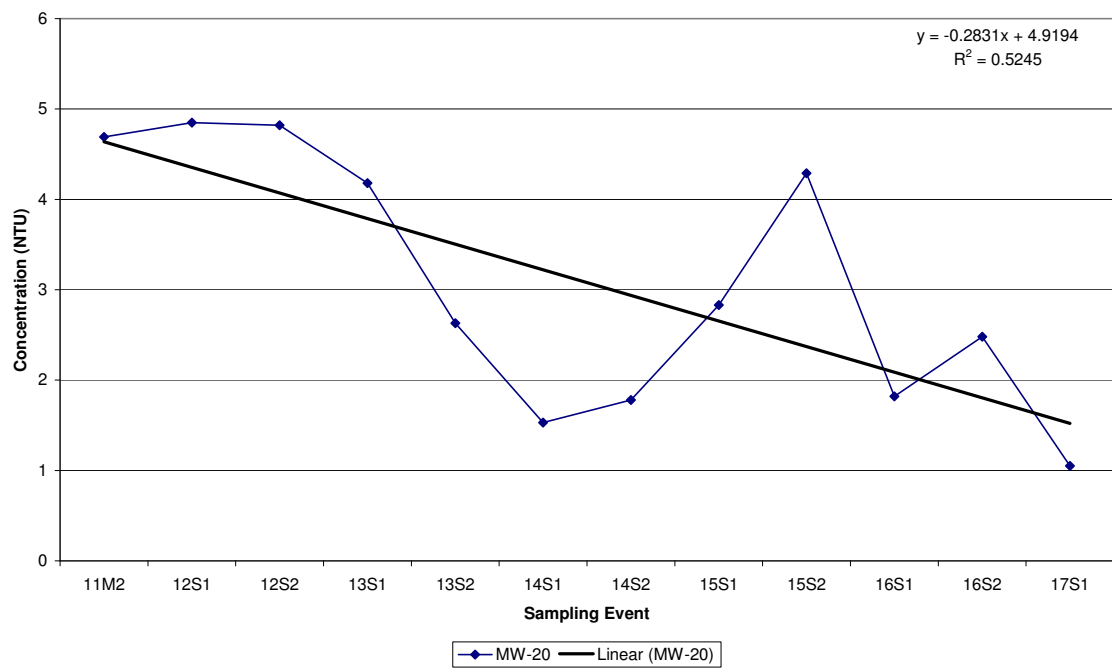
**Citrus County Central Landfill
Historic Turbidity in MW-18**



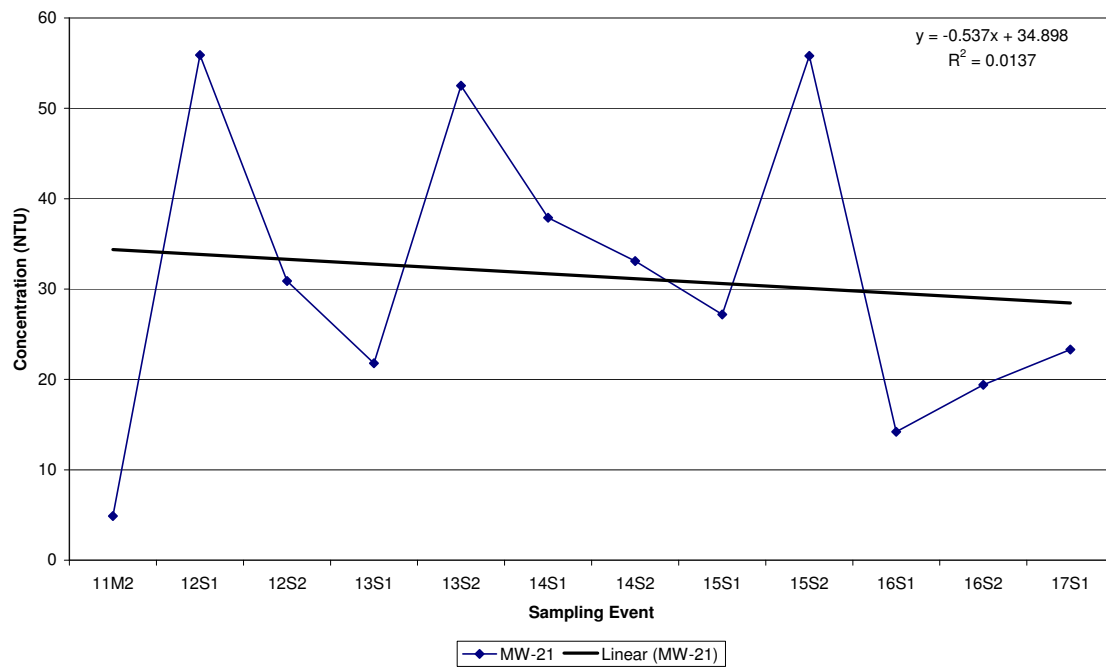
**Citrus County Central Landfill
Historic Turbidity in MW-19**



**Citrus County Central Landfill
Historic Turbidity in MW-20**

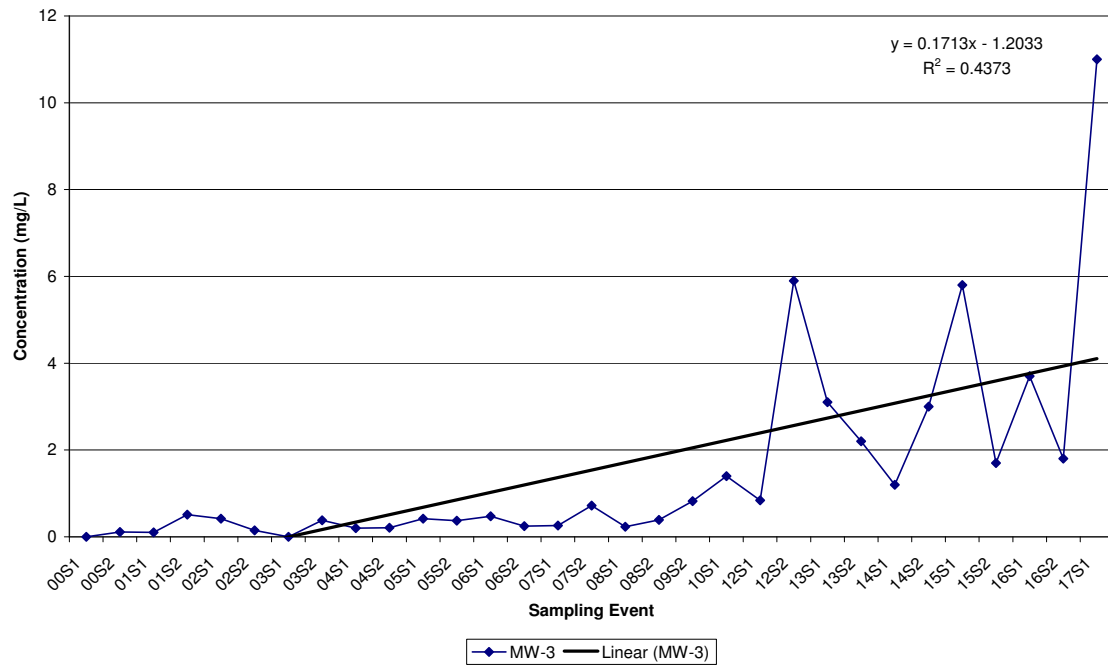


**Citrus County Central Landfill
Historic Turbidity in MW-21**

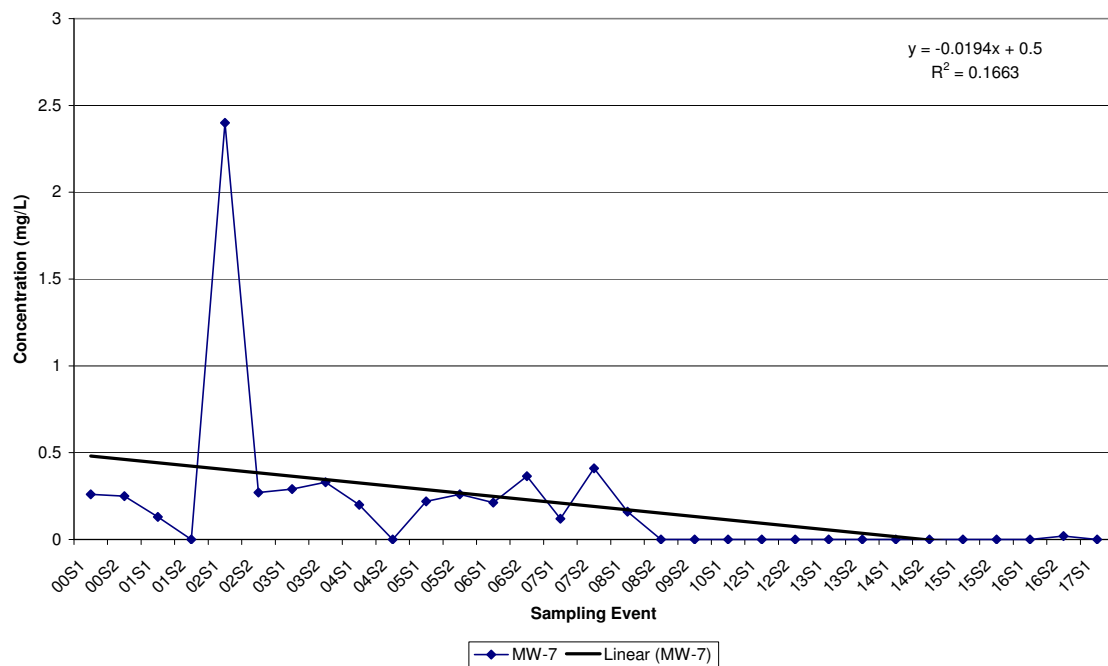


**Citrus County Central Landfill
Historical Nitrate-Nitrogen Data**

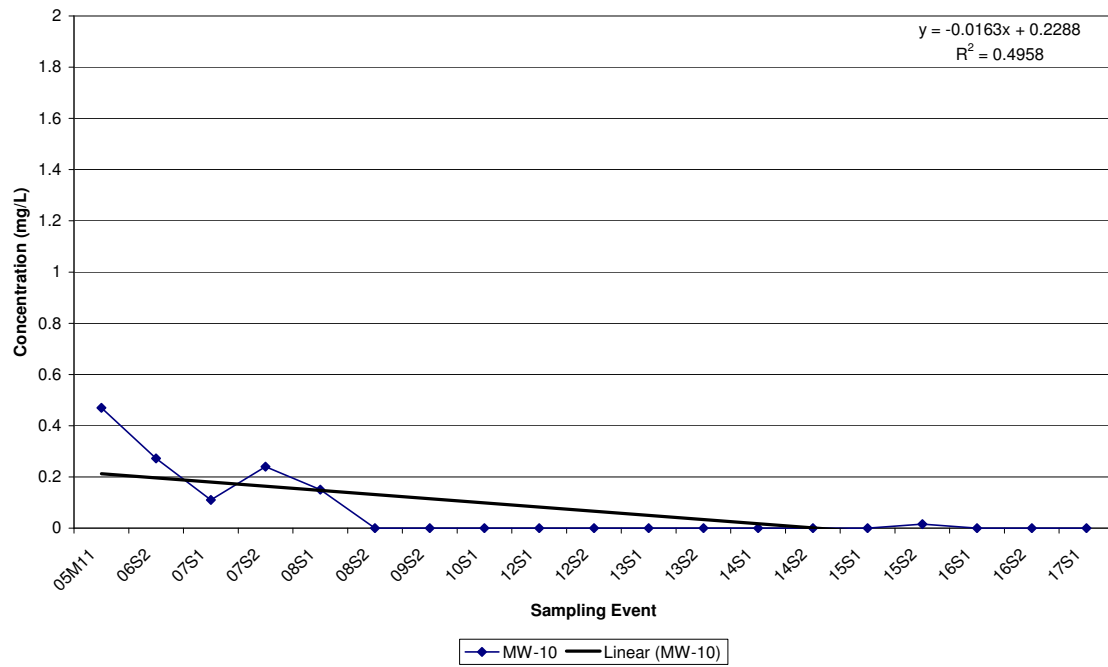
**Citrus County Central Landfill
Historic Nitrate as N in MW-3**



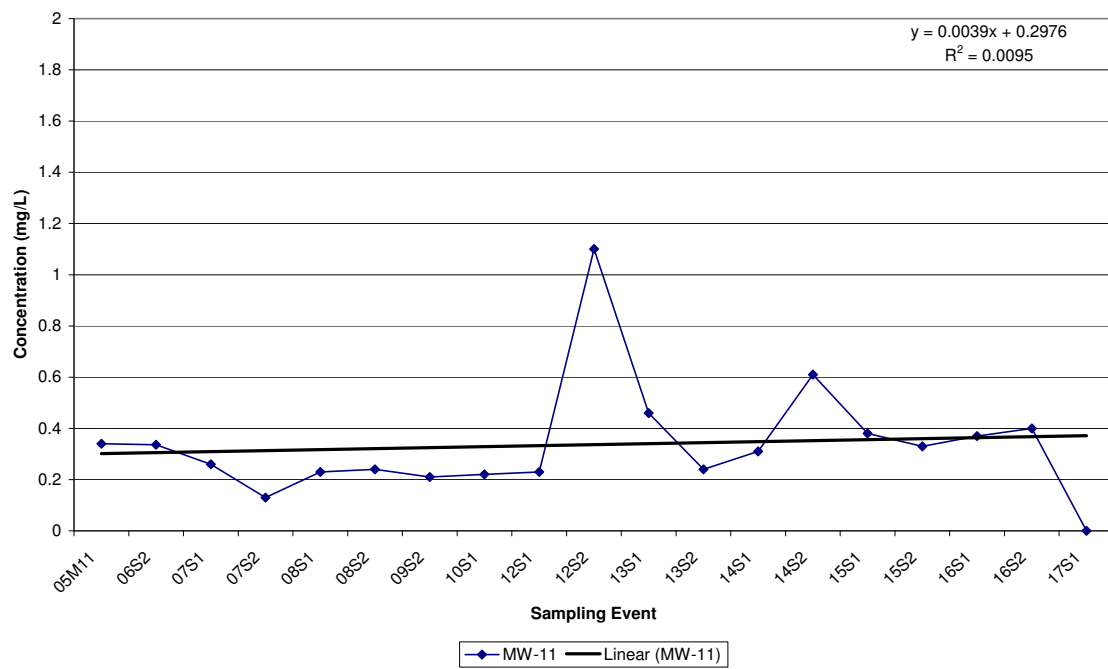
**Citrus County Central Landfill
Historic Nitrate as N in MW-7**



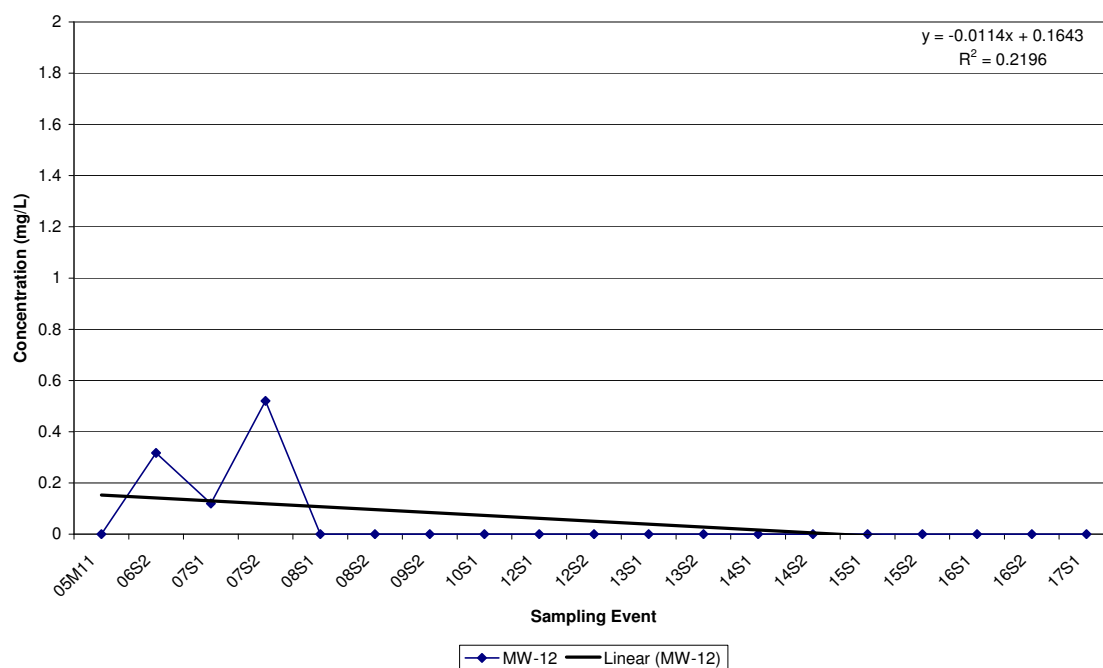
**Citrus County Central Landfill
Historic Nitrate as N in MW-10**



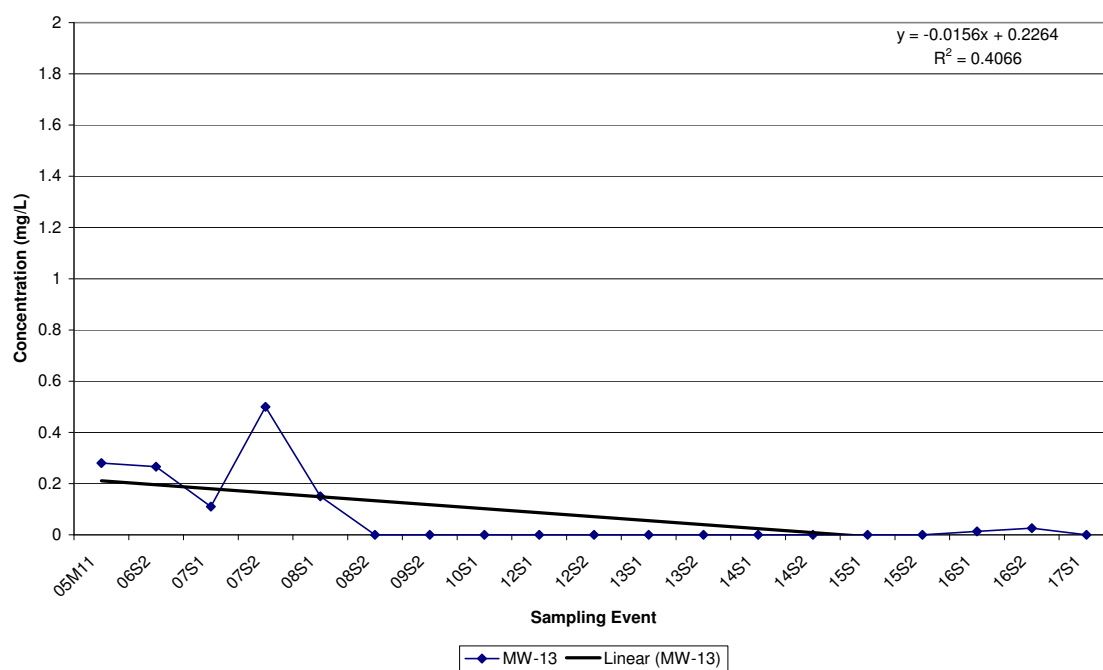
**Citrus County Central Landfill
Historic Nitrate as N in MW-11**



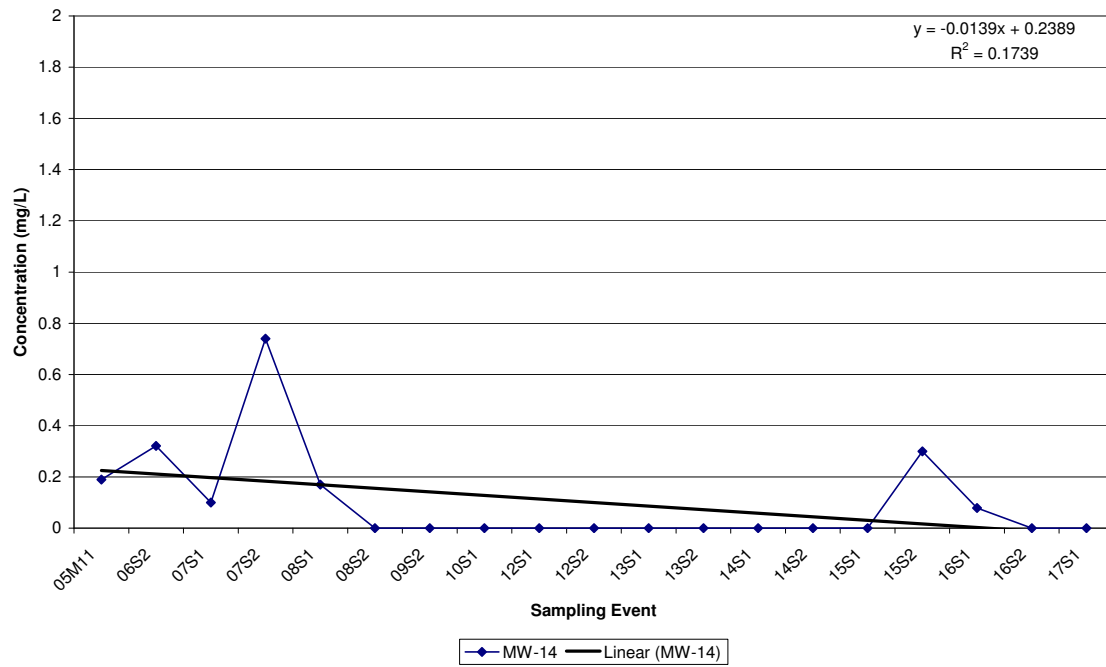
**Citrus County Central Landfill
Historic Nitrate as N in MW-12**



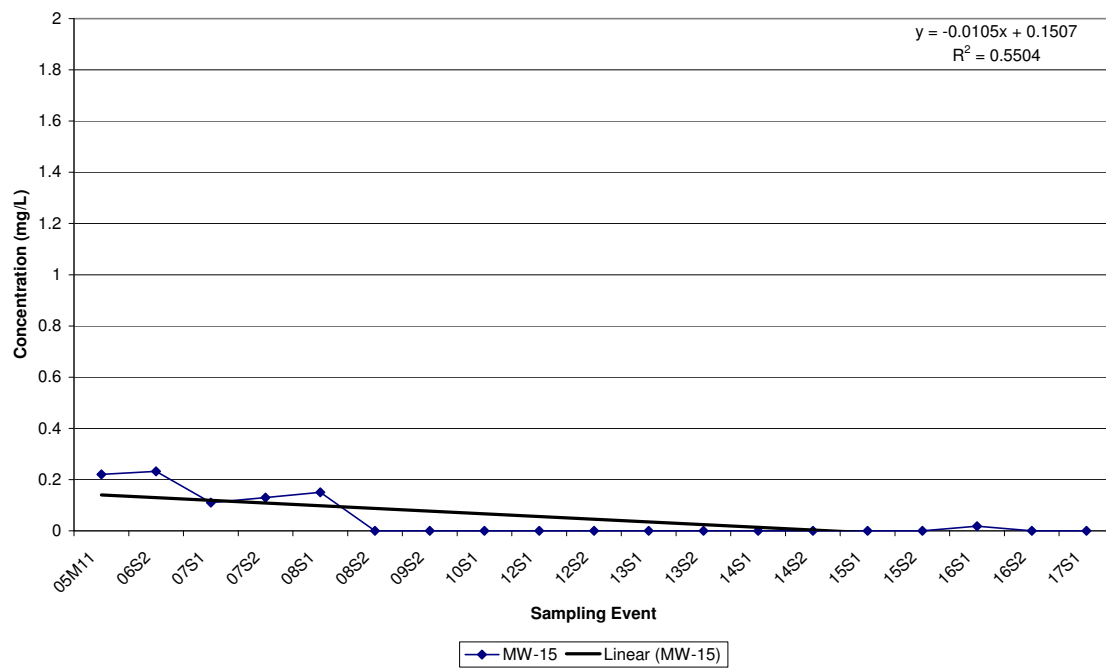
**Citrus County Central Landfill
Historic Nitrate as N in MW-13**



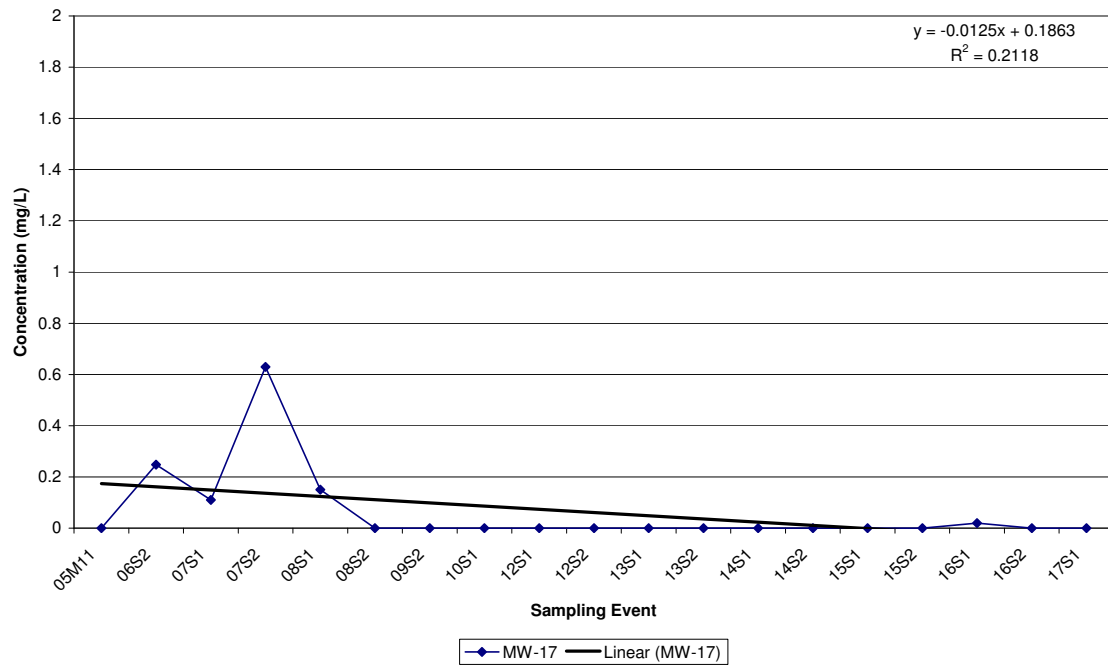
**Citrus County Central Landfill
Historic Nitrate as N in MW-14**



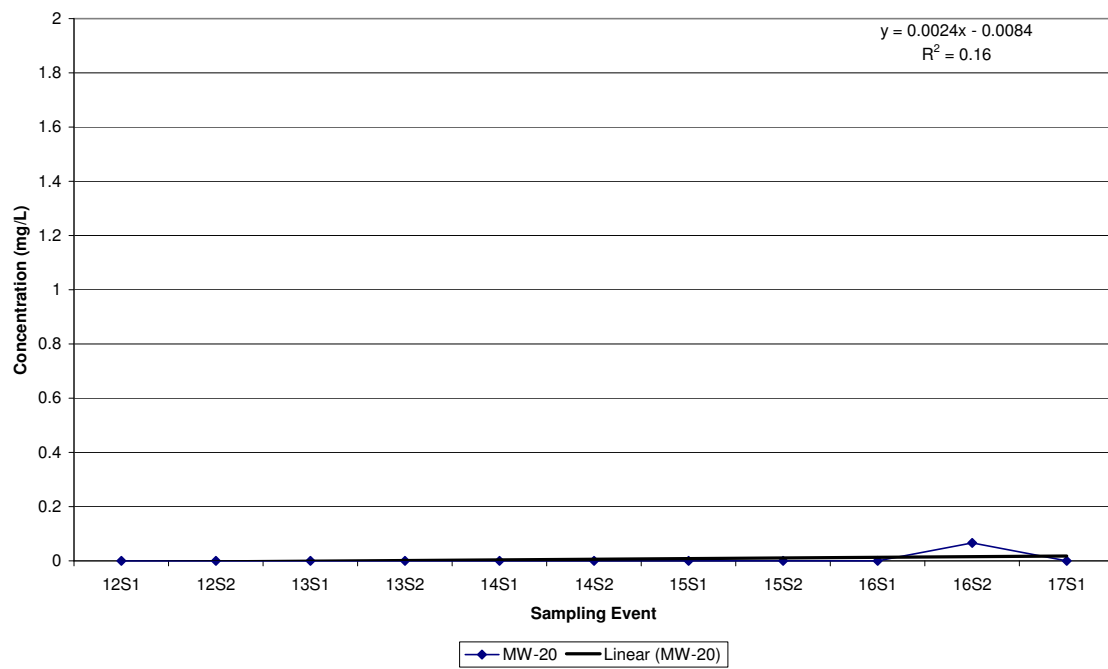
**Citrus County Central Landfill
Historic Nitrate as N in MW-15**



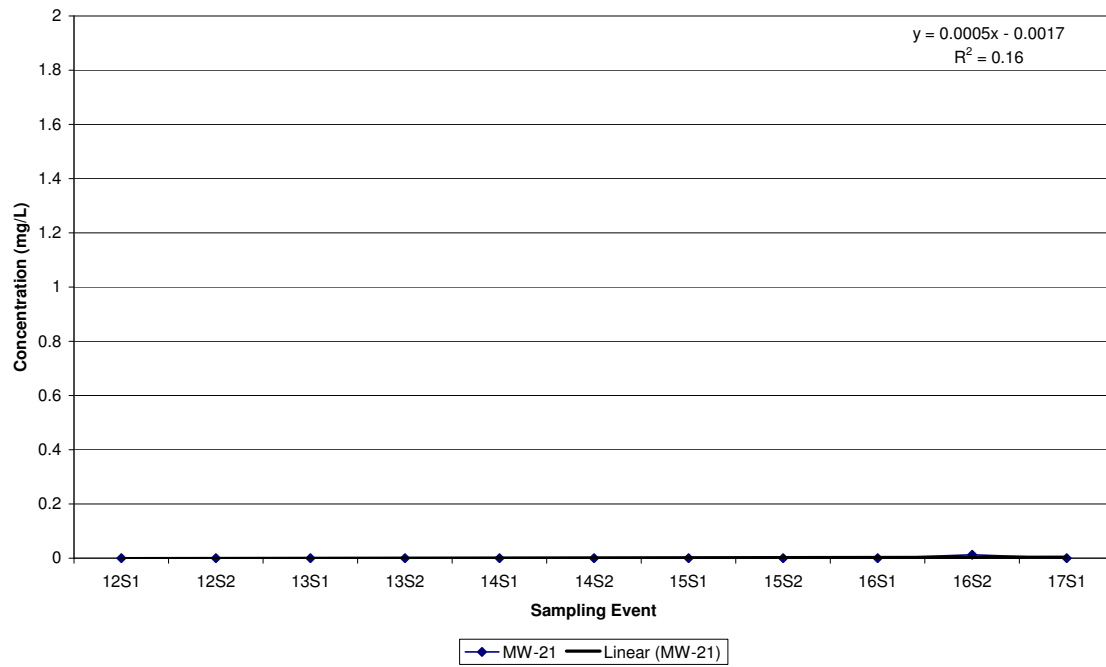
**Citrus County Central Landfill
Historic Nitrate as N in MW-17**



**Citrus County Central Landfill
Historic Nitrate (N) in MW-20**

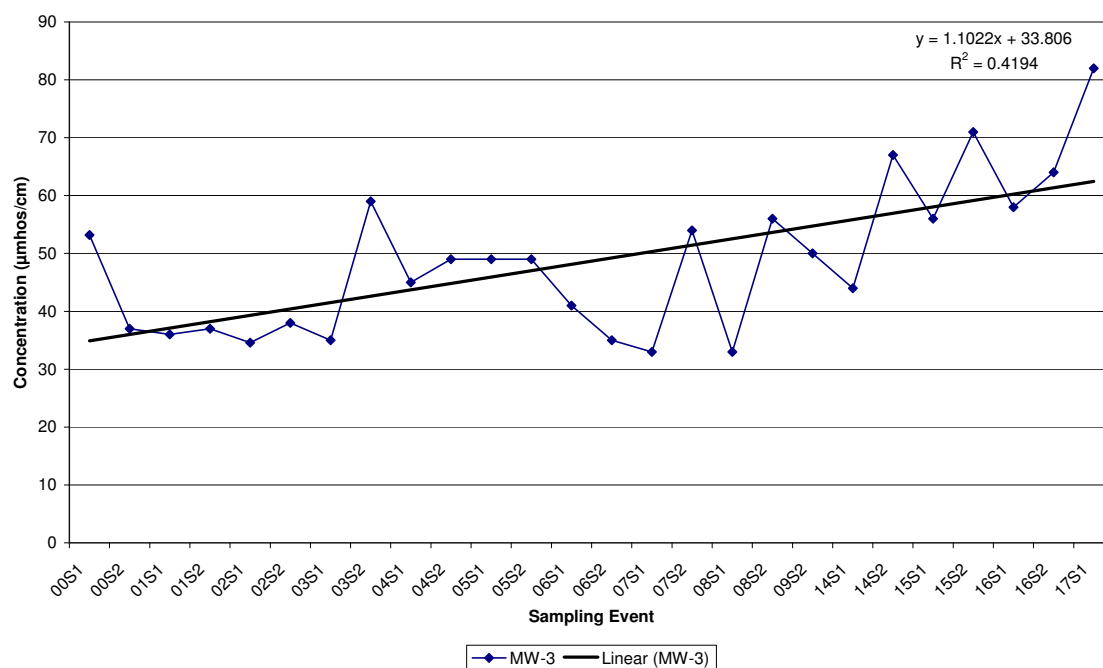


**Citrus County Central Landfill
Historic Nitrate (N) in MW-21**

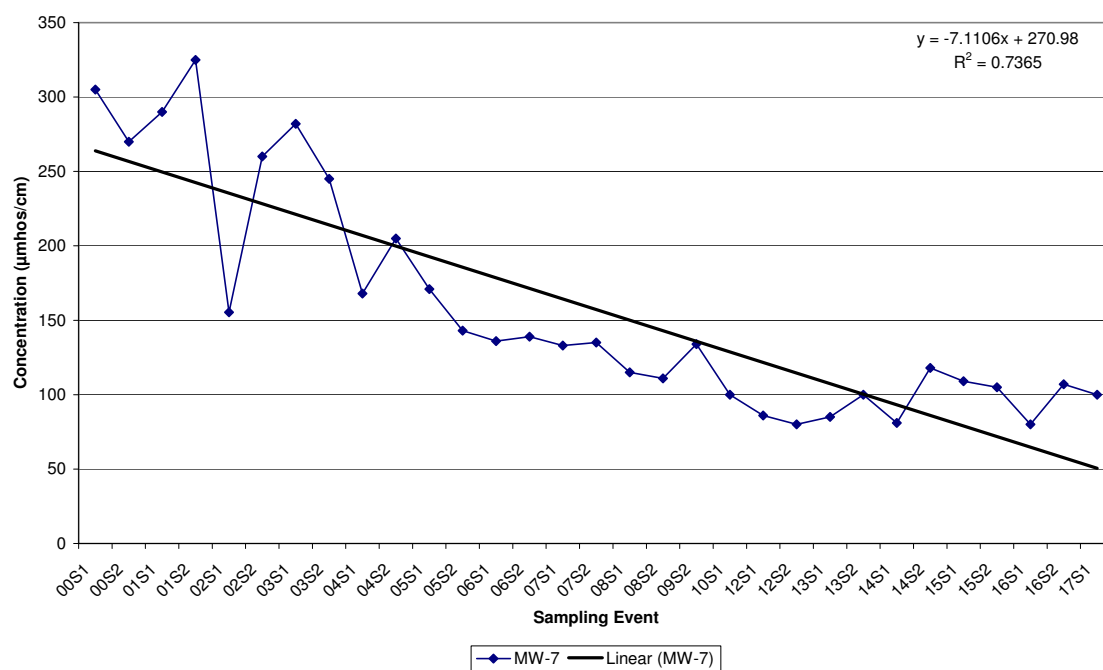


Citrus County Central Landfill
Historical Conductivity Data

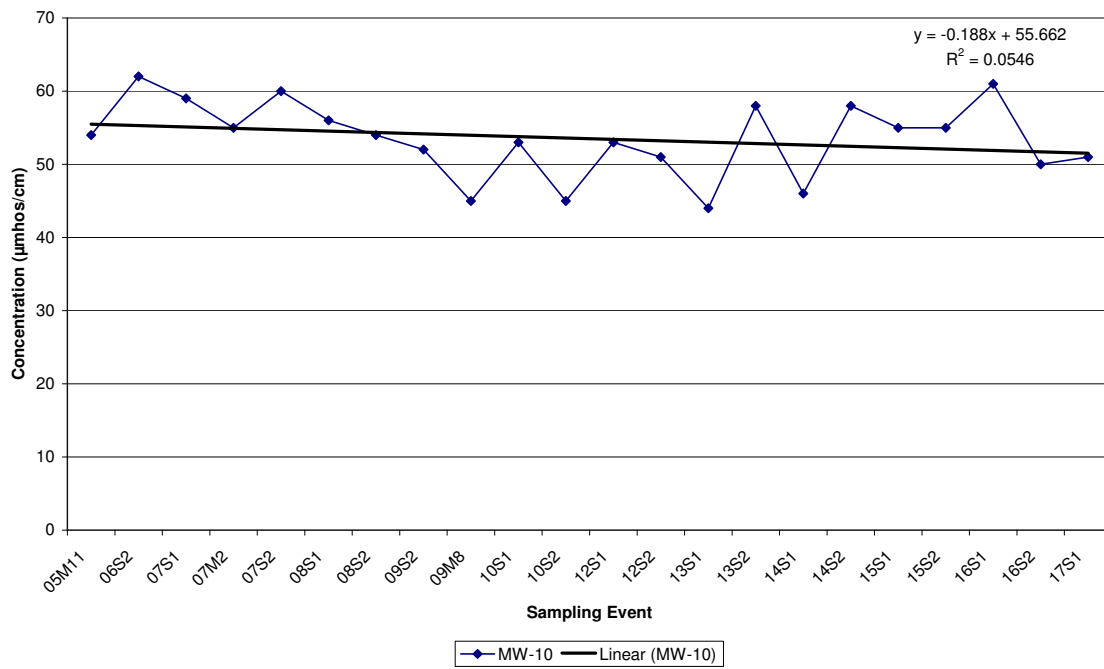
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-3**



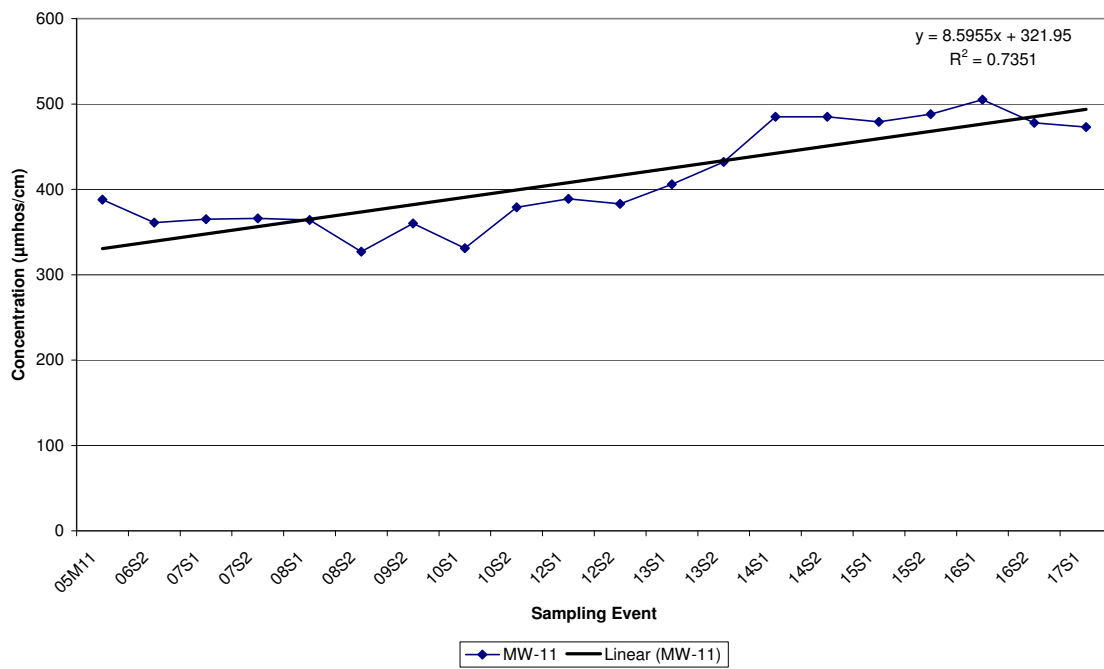
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-7**



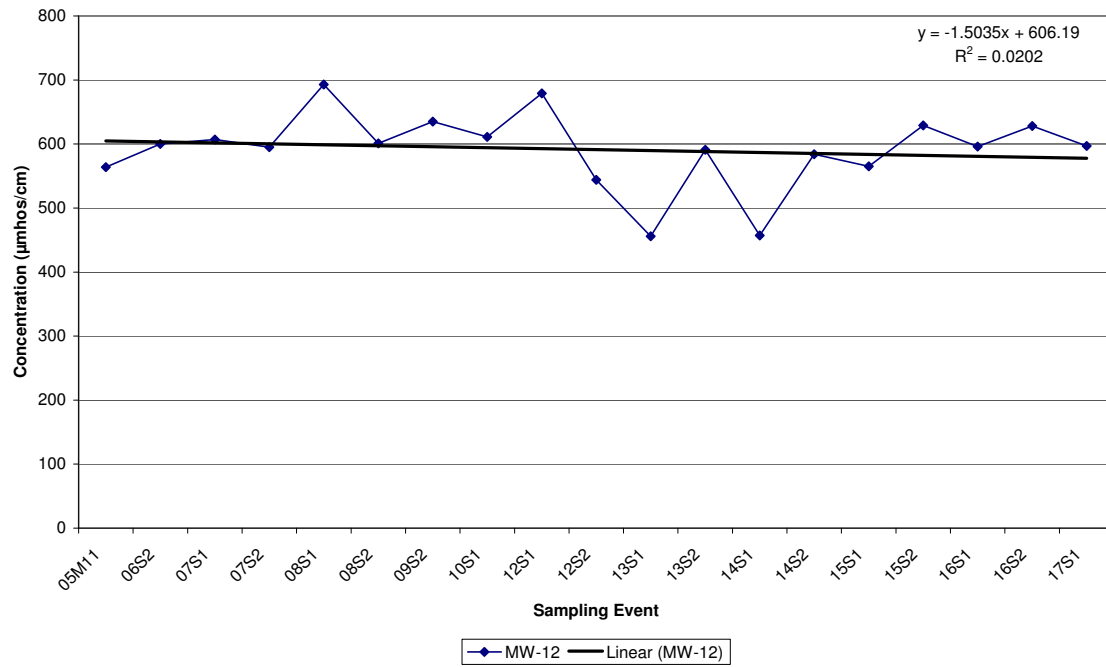
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-10**



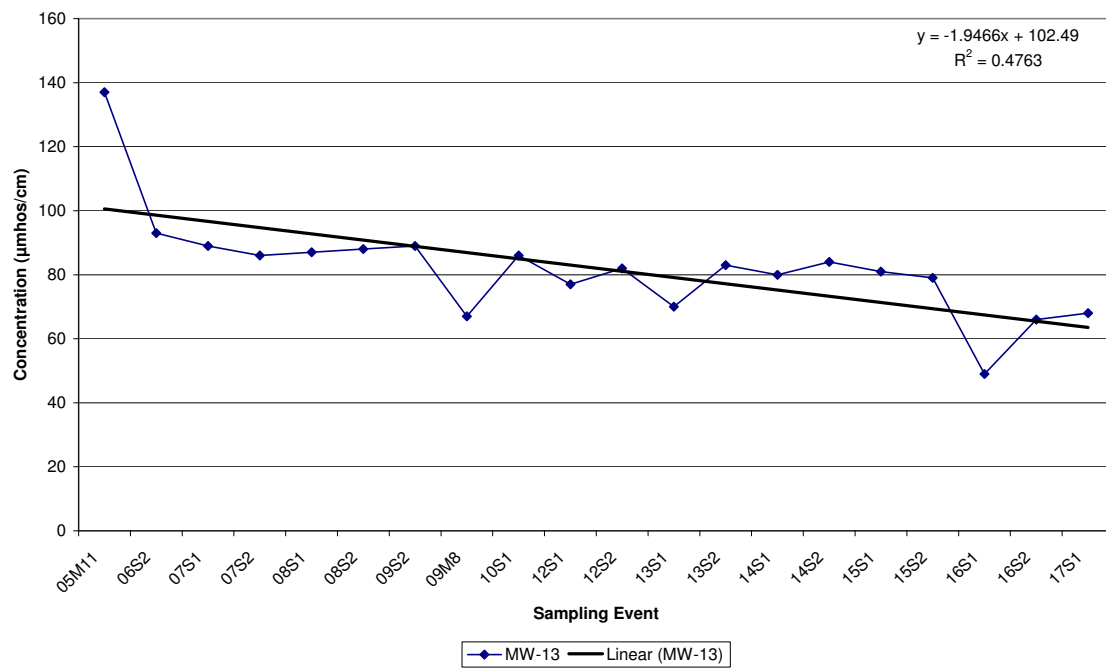
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-11**



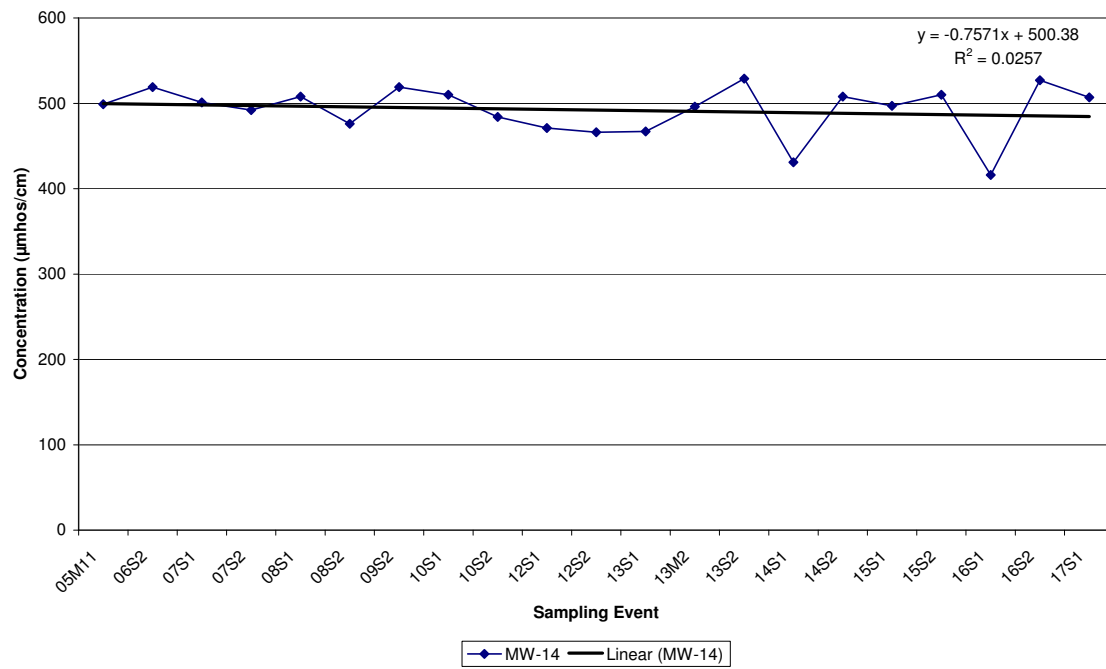
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-12**



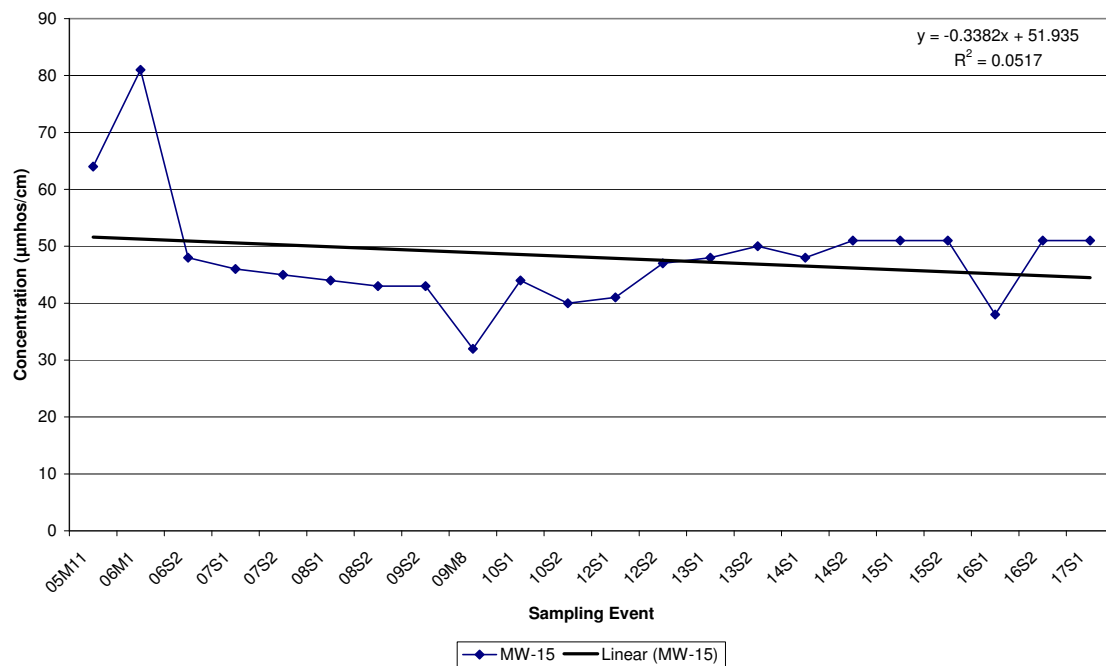
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-13**



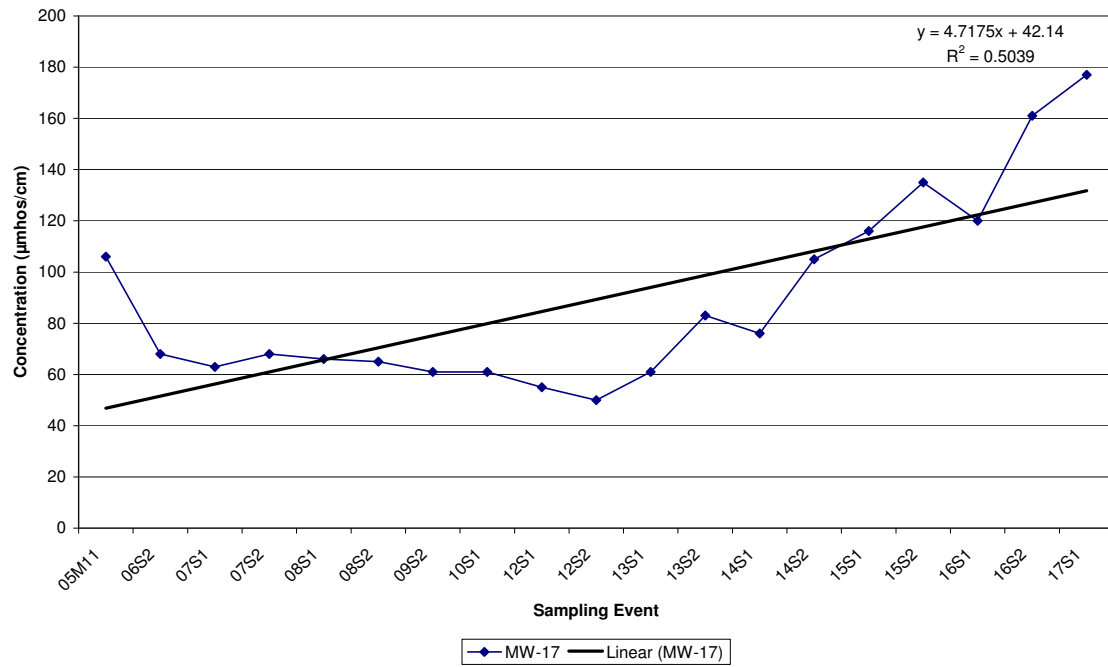
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-14**



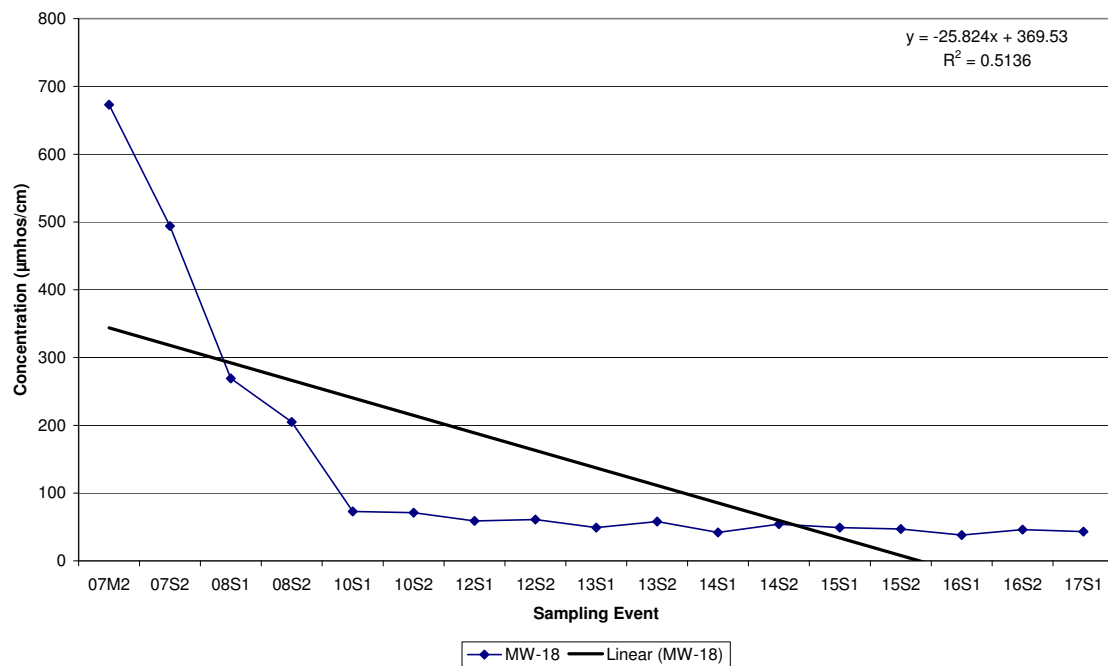
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-15**



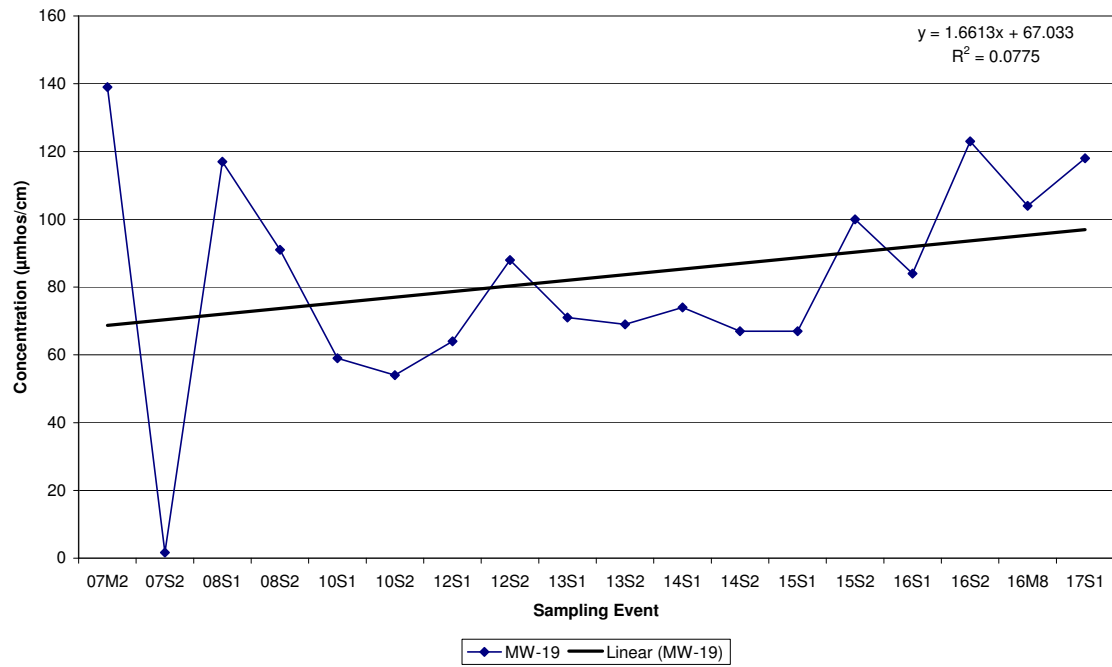
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-17**



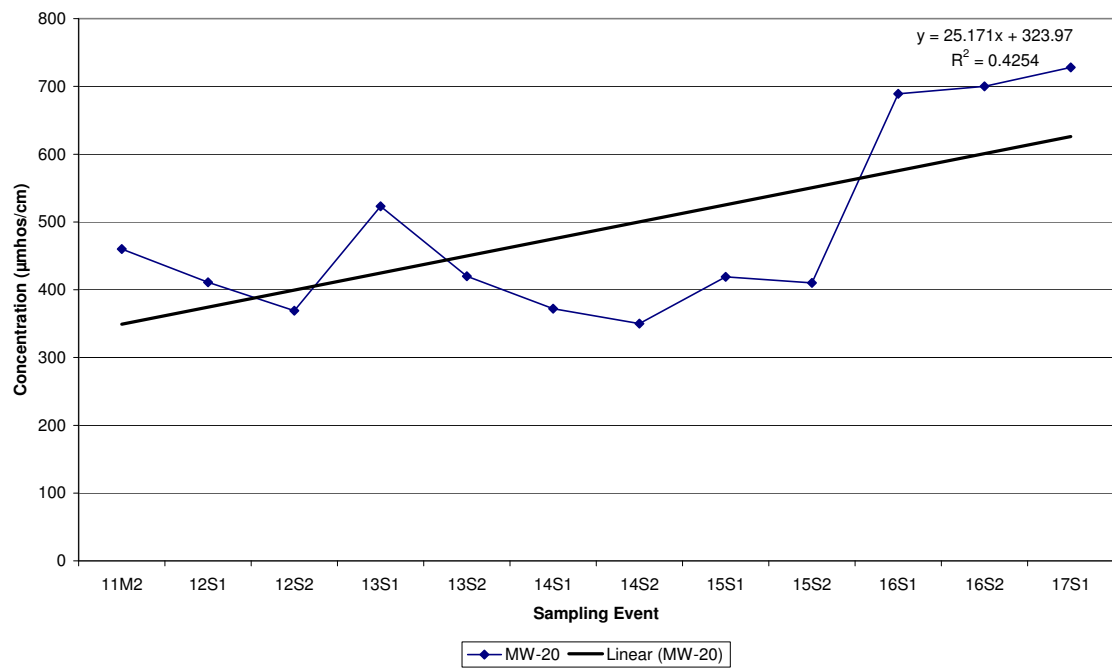
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-18**



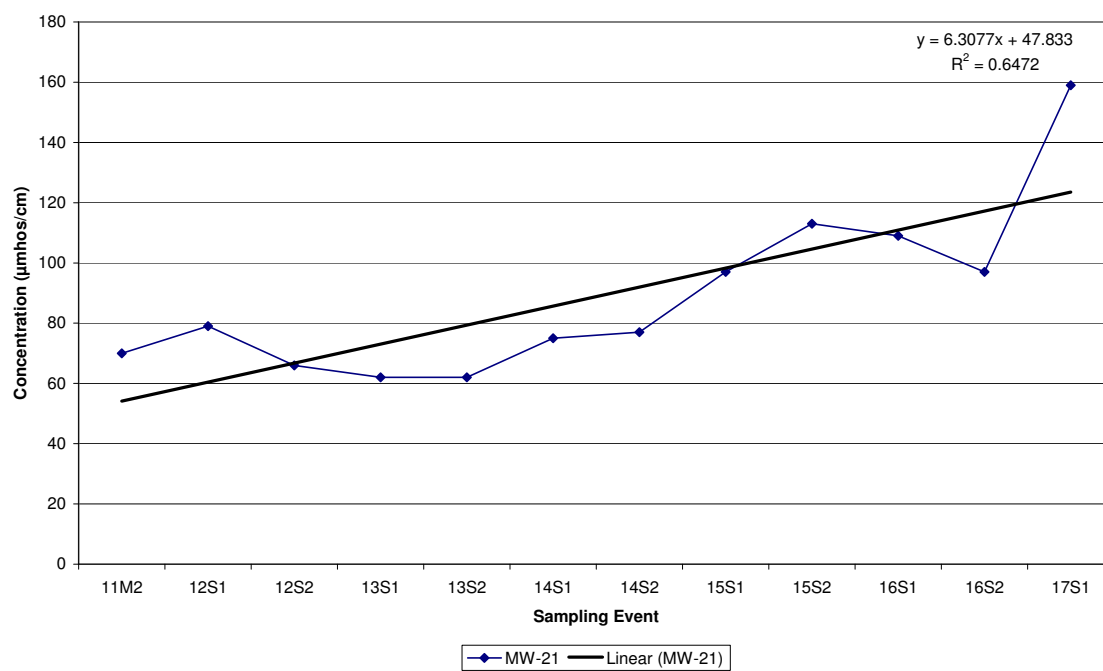
**Citrus County Central Landfill
Historic Specific Conductance (EC) in MW-19**



**Citrus County Central Landfill
Historic Specific Conductance in MW-20**

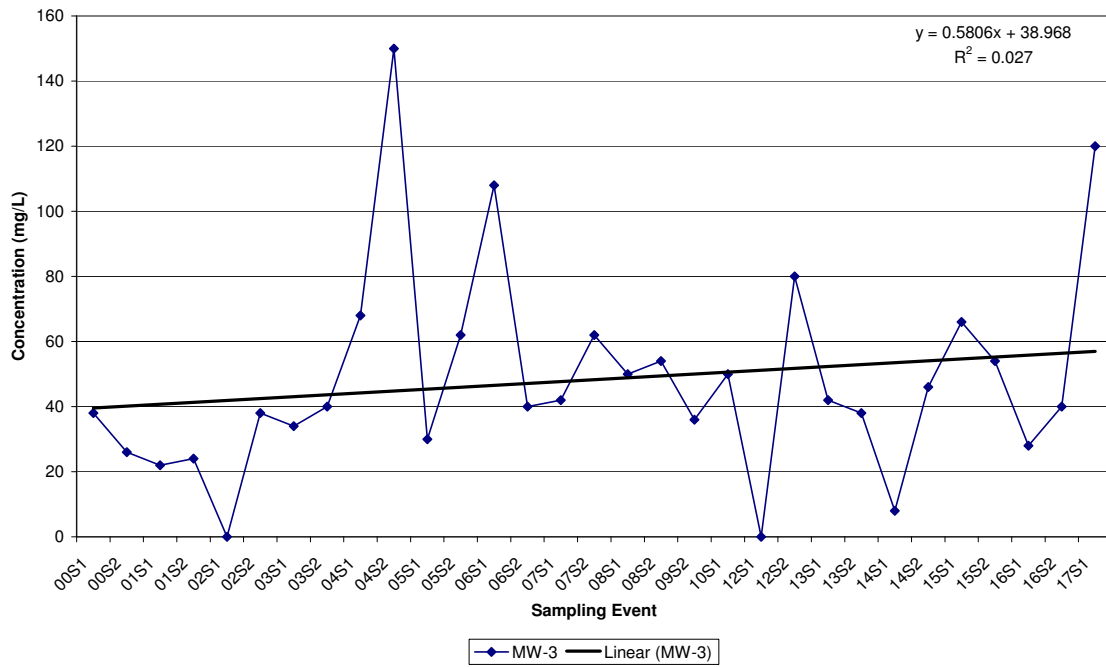


Citrus County Central Landfill
Historic Specific Conductance in MW-21

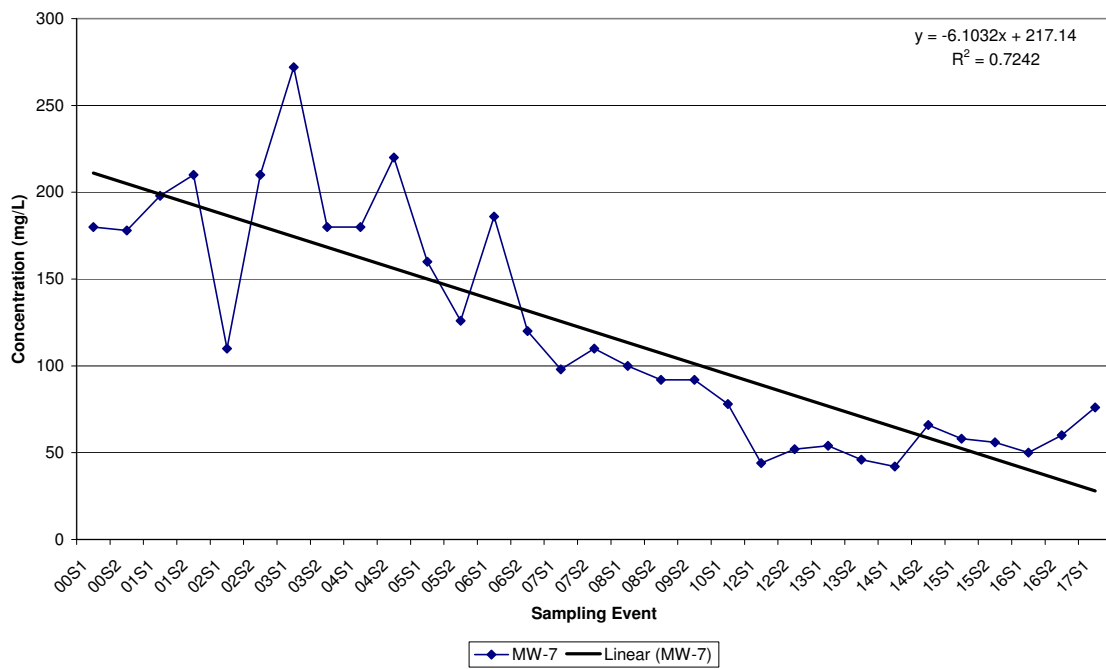


Citrus County Central Landfill
Historical Total Dissolved Solids Data

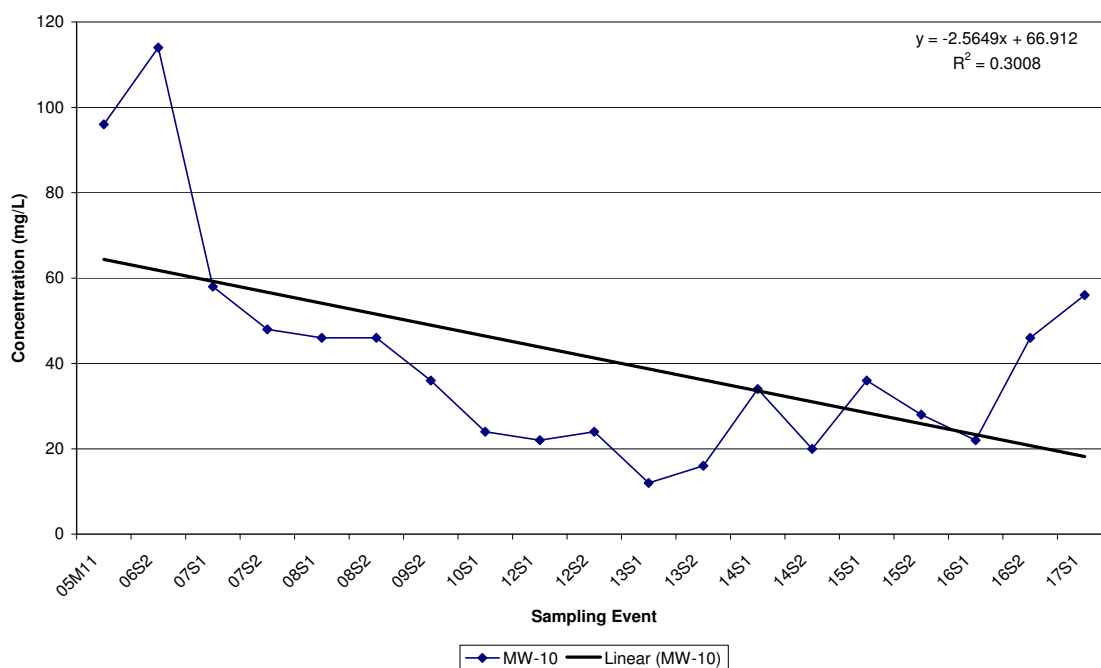
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-3**



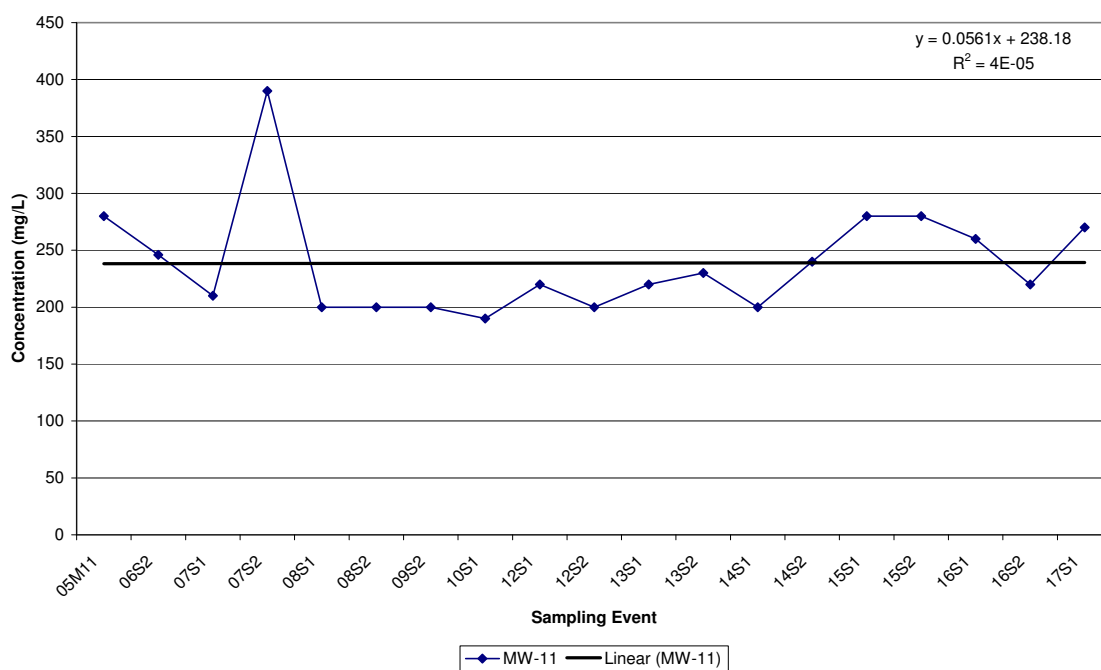
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-7**



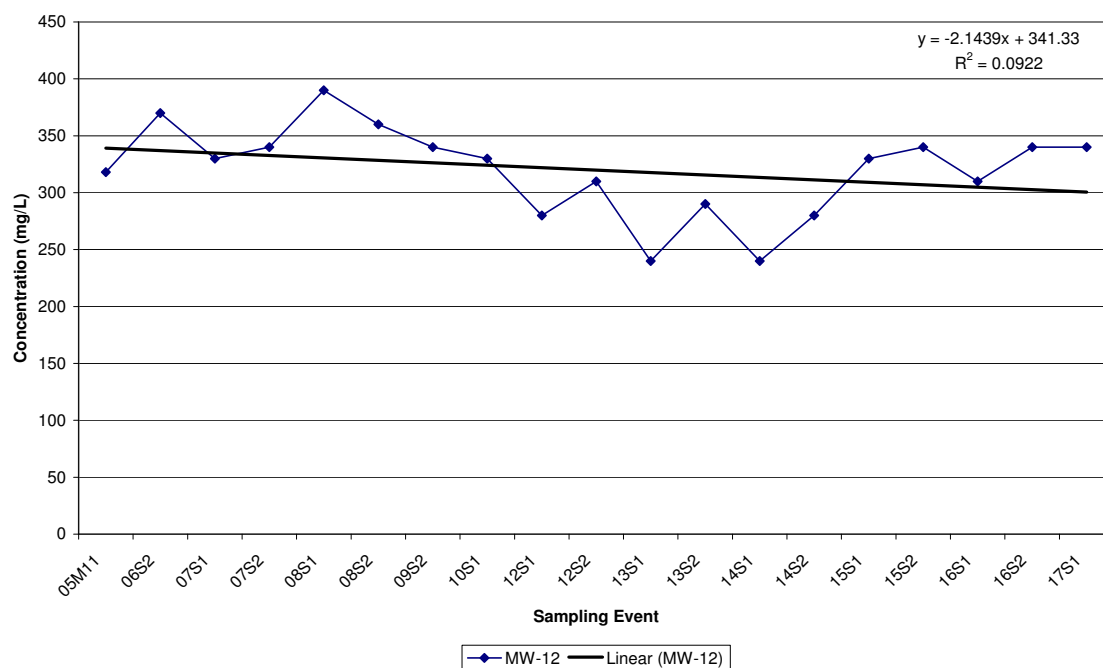
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-10**



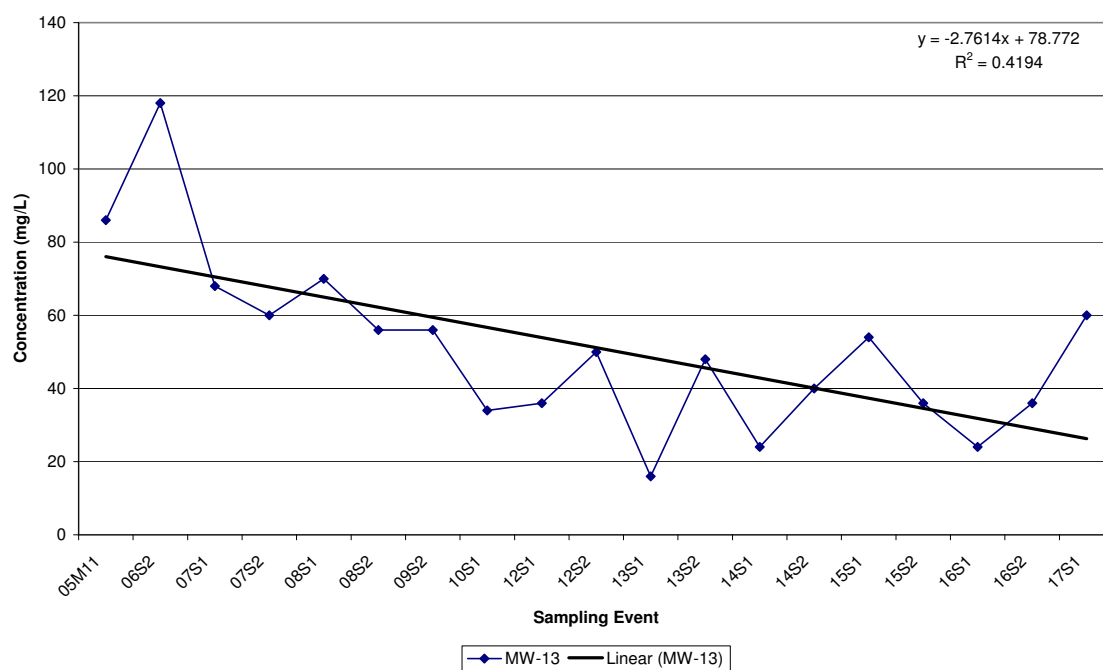
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-11**



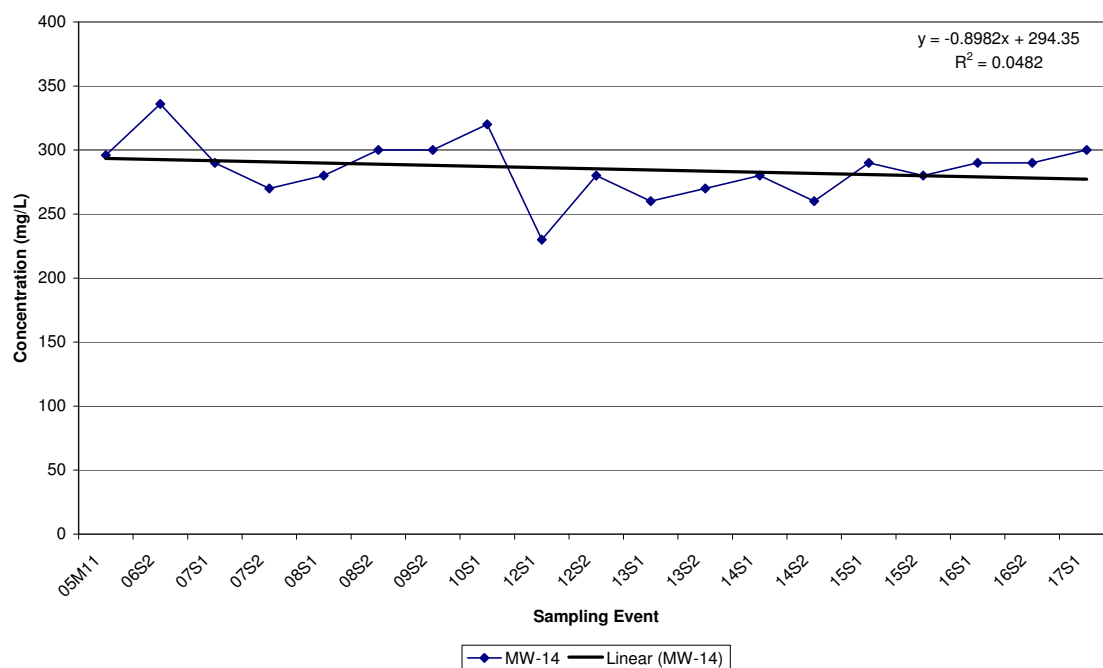
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-12**



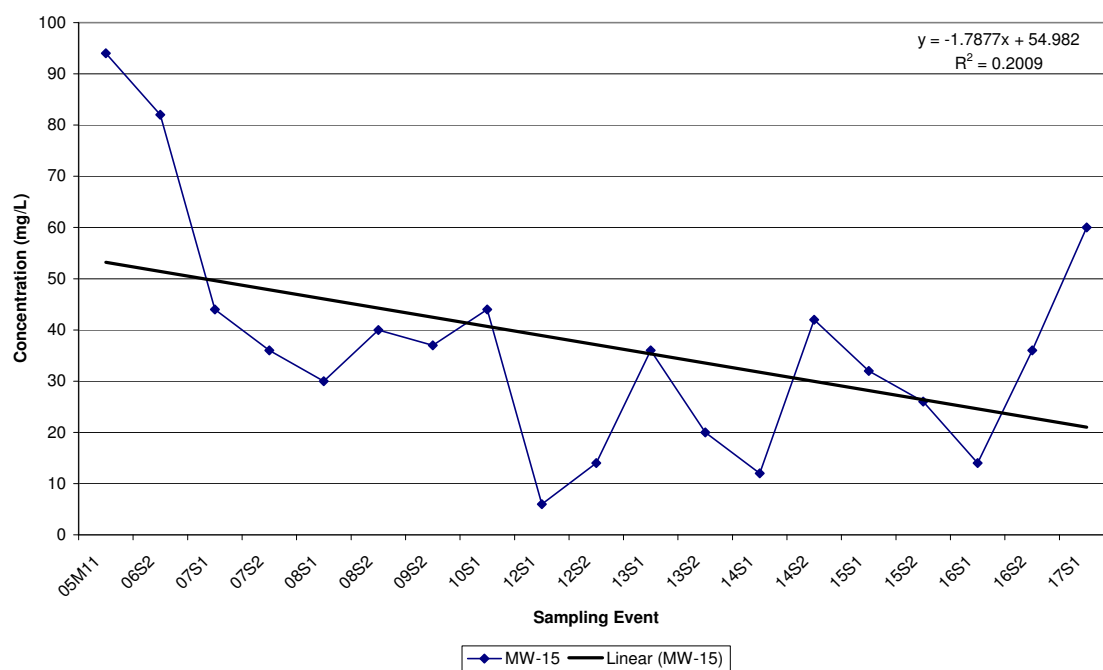
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-13**



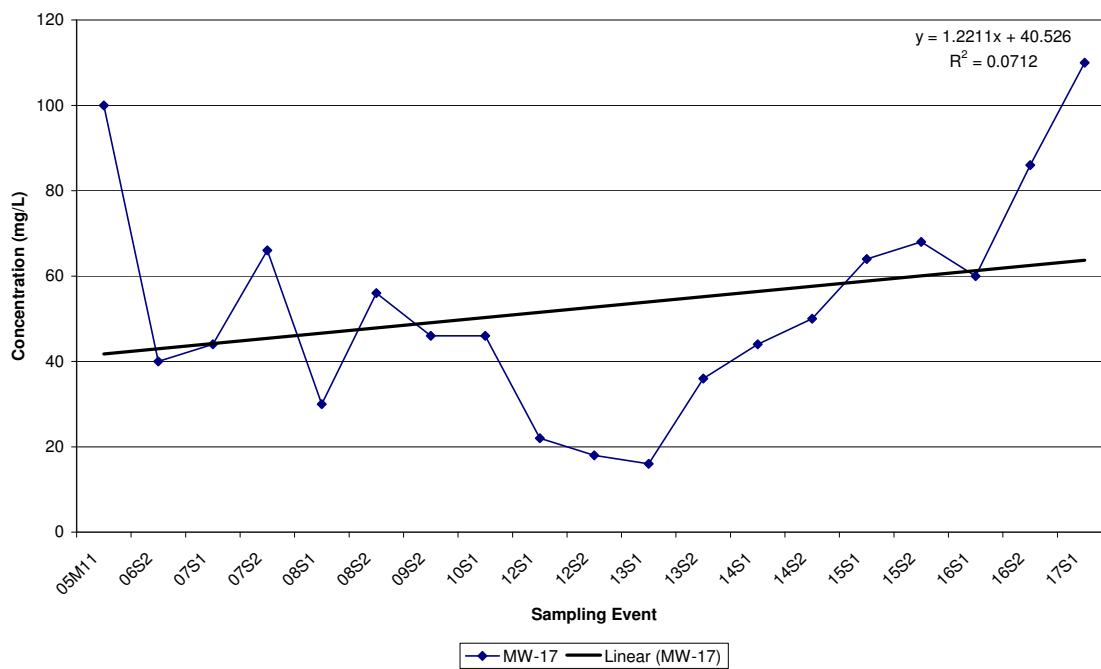
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-14**



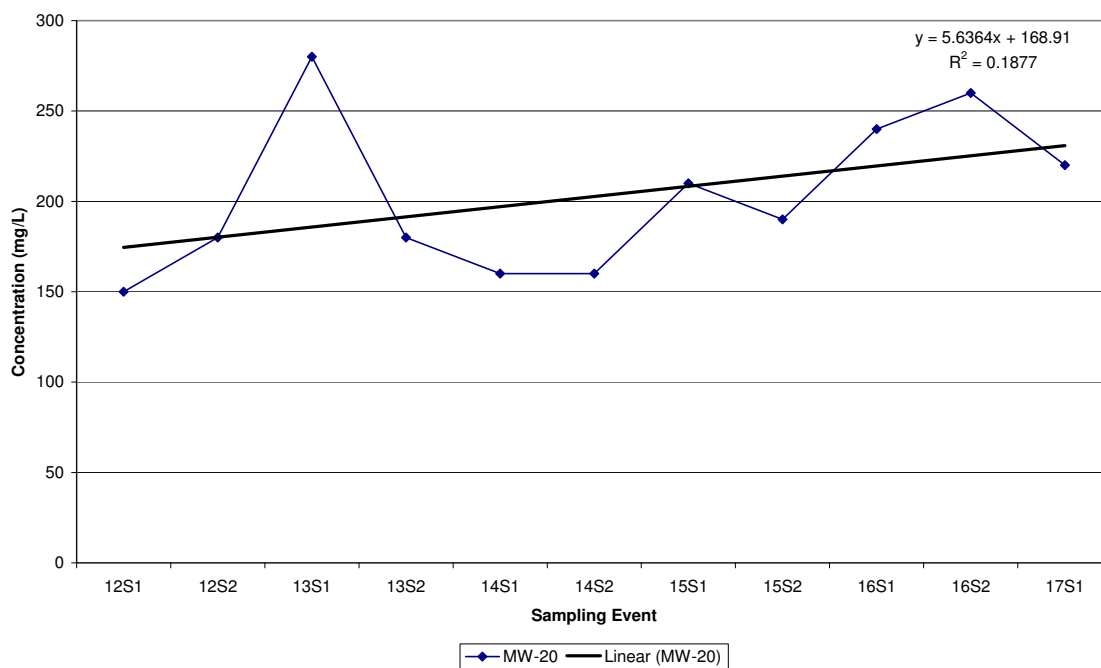
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-15**



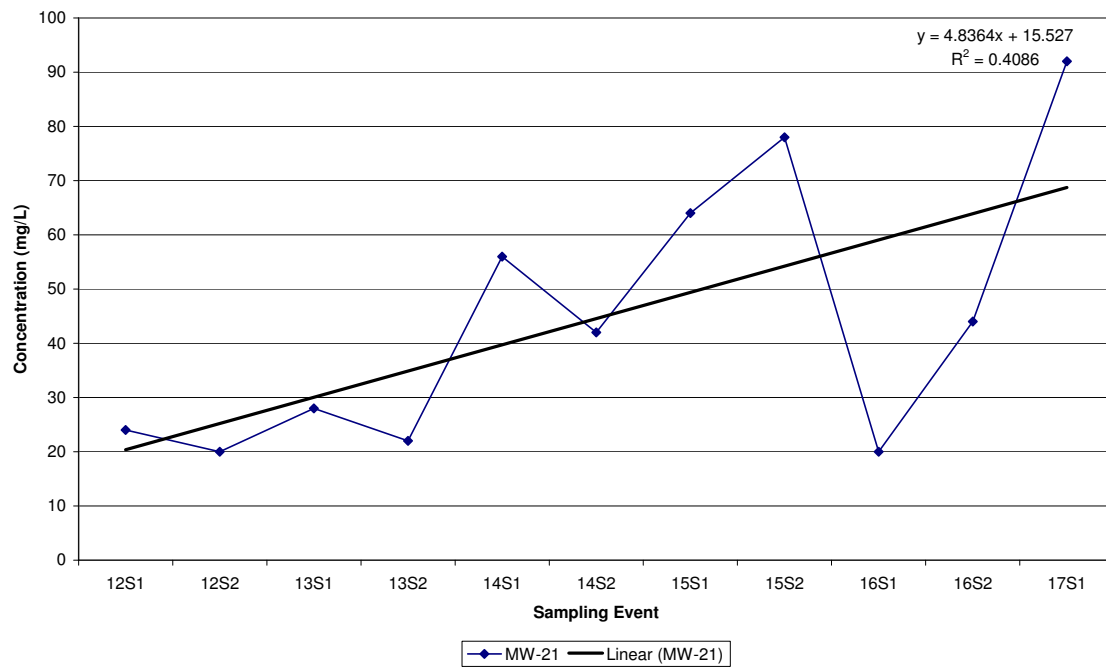
**Citrus County Central Landfill
Historic Total Dissolved Solids in MW-17**



**Citrus County Central Landfill
Historic Residues- Filterable (TDS) in MW-20**

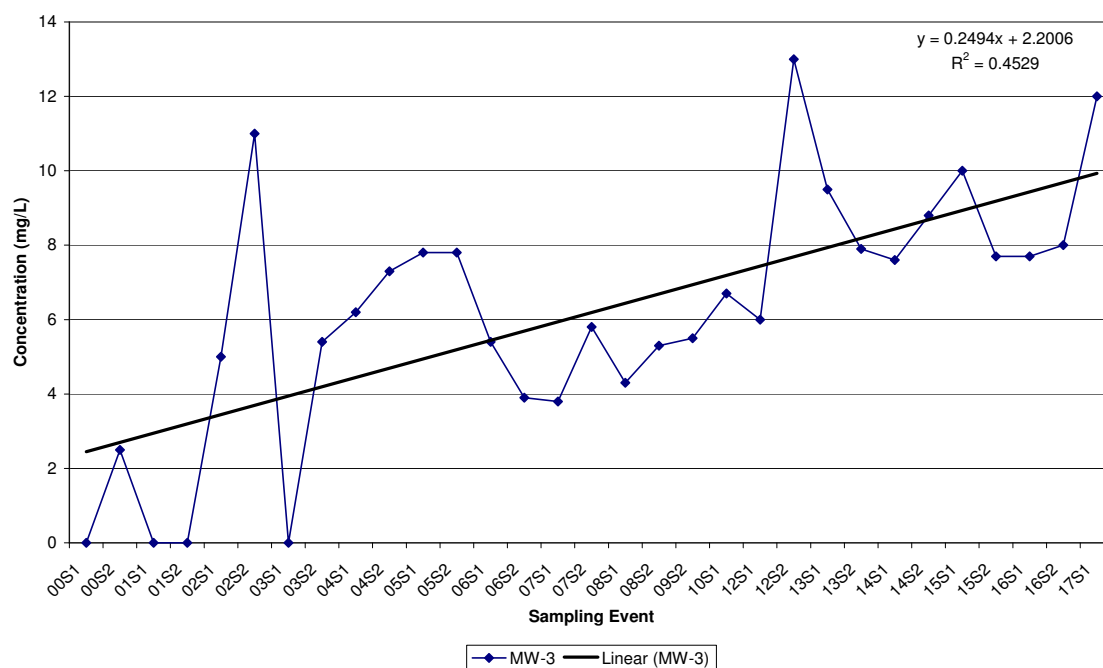


**Citrus County Central Landfill
Historic Residues- Filterable (TDS) in MW-21**

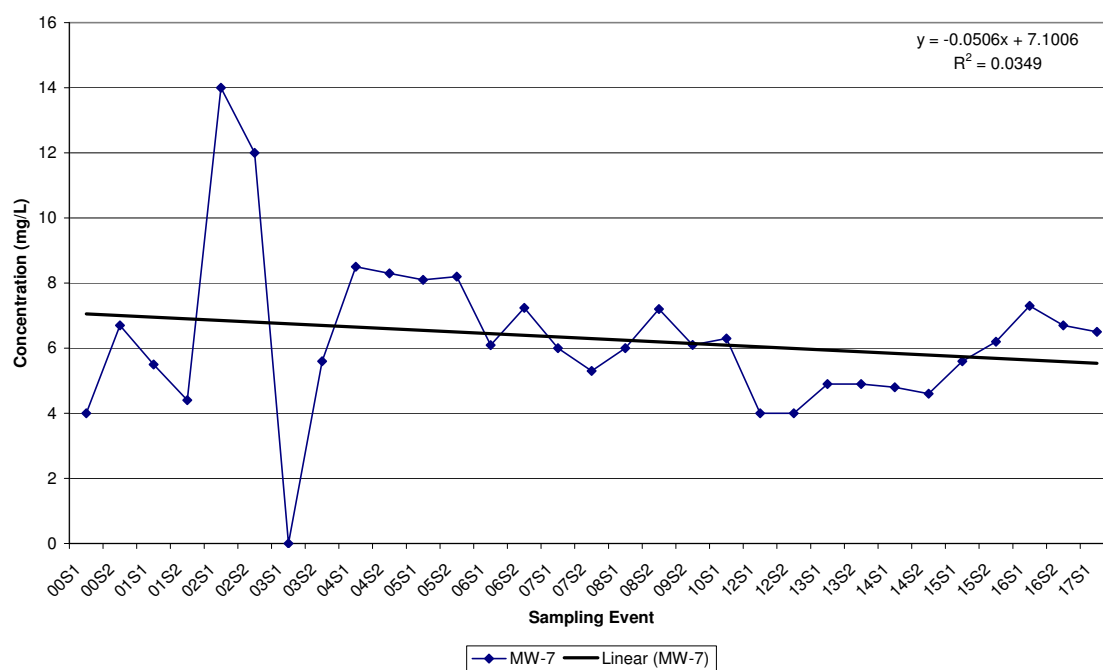


Citrus County Central Landfill
Historical Chloride Data

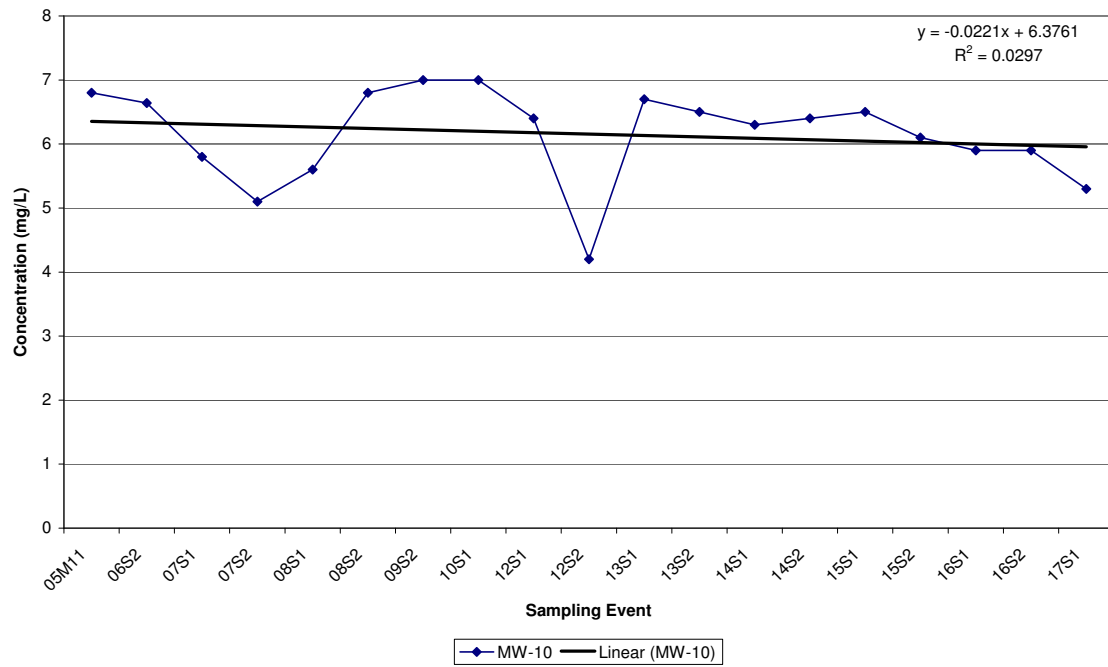
Citrus County Central Landfill Historic Chloride in MW-3



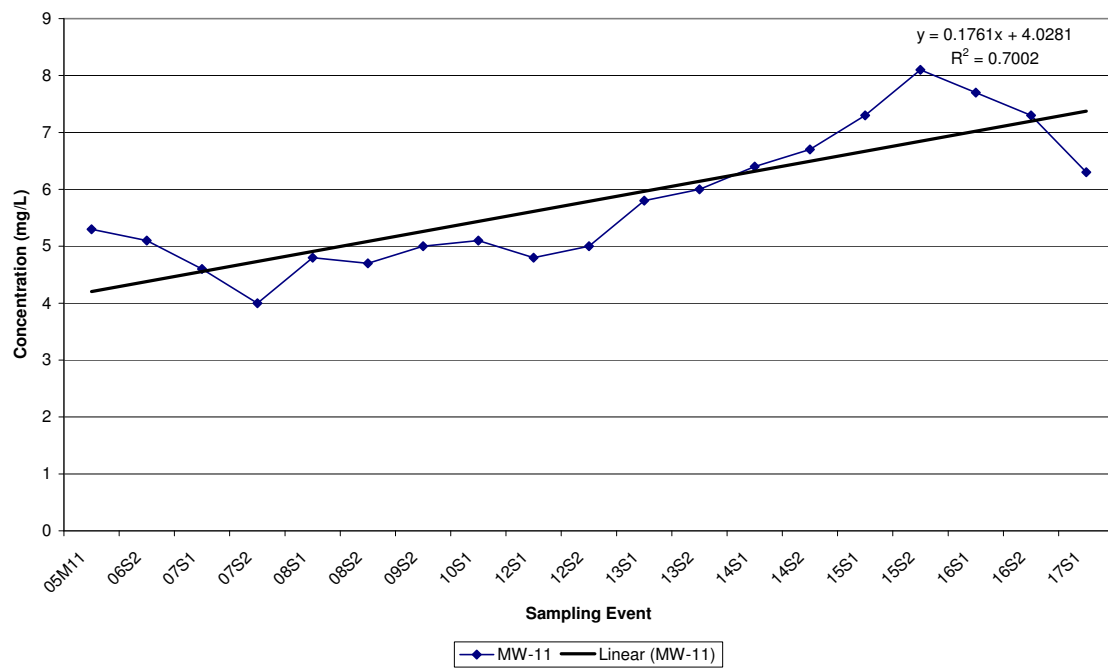
Citrus County Central Landfill Historic Chloride in MW-7



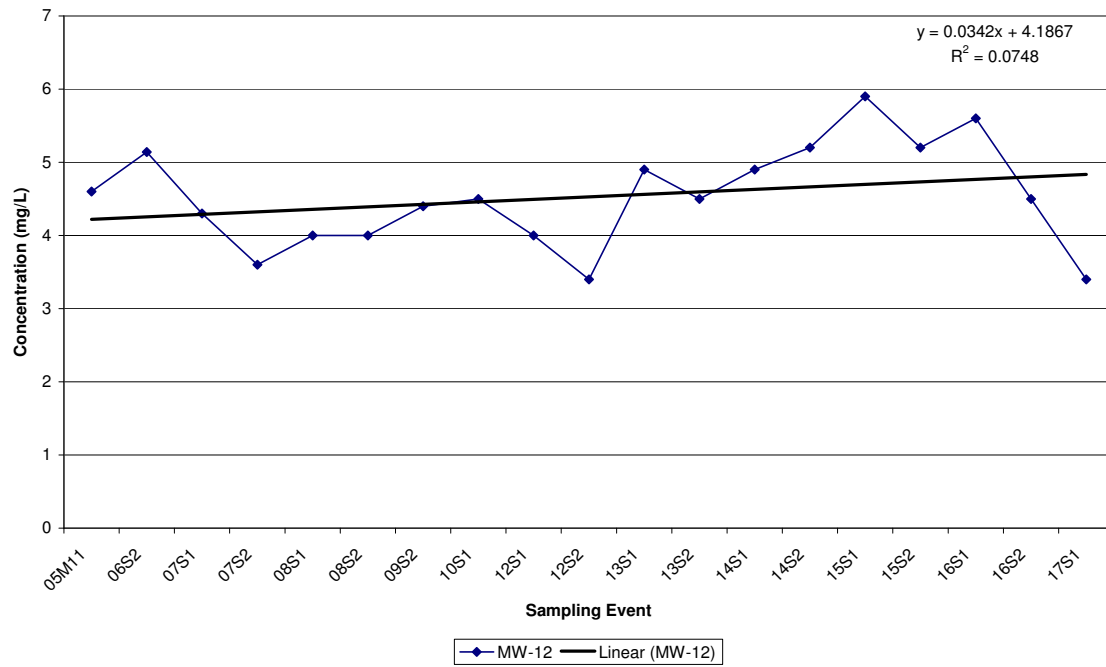
**Citrus County Central Landfill
Historic Chloride in MW-10**



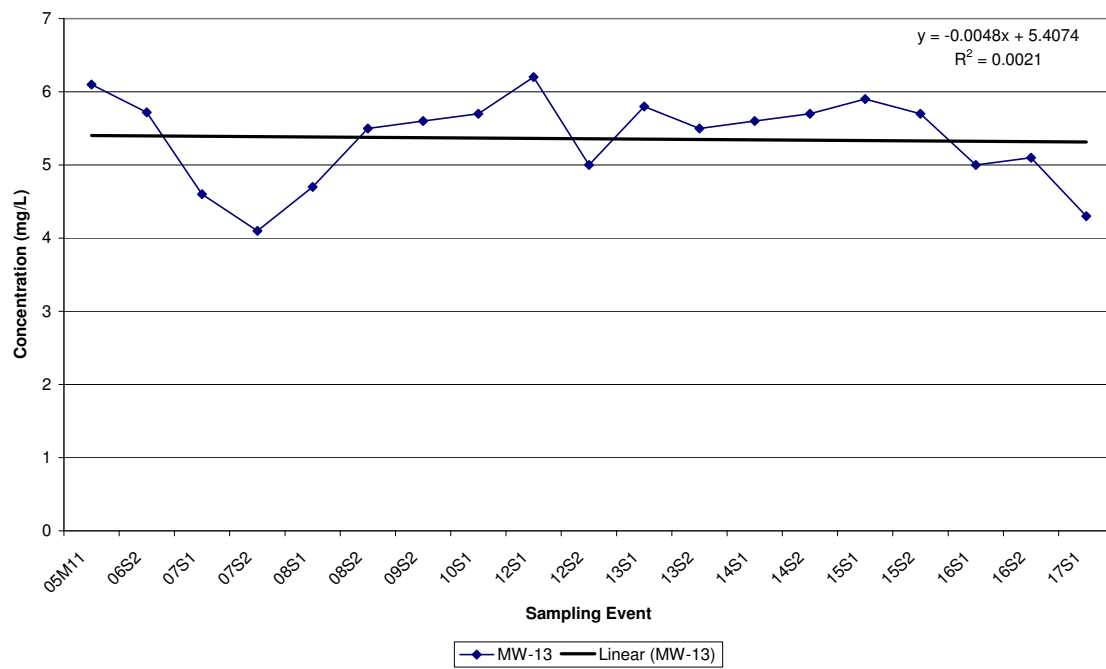
**Citrus County Central Landfill
Historic Chloride in MW-11**



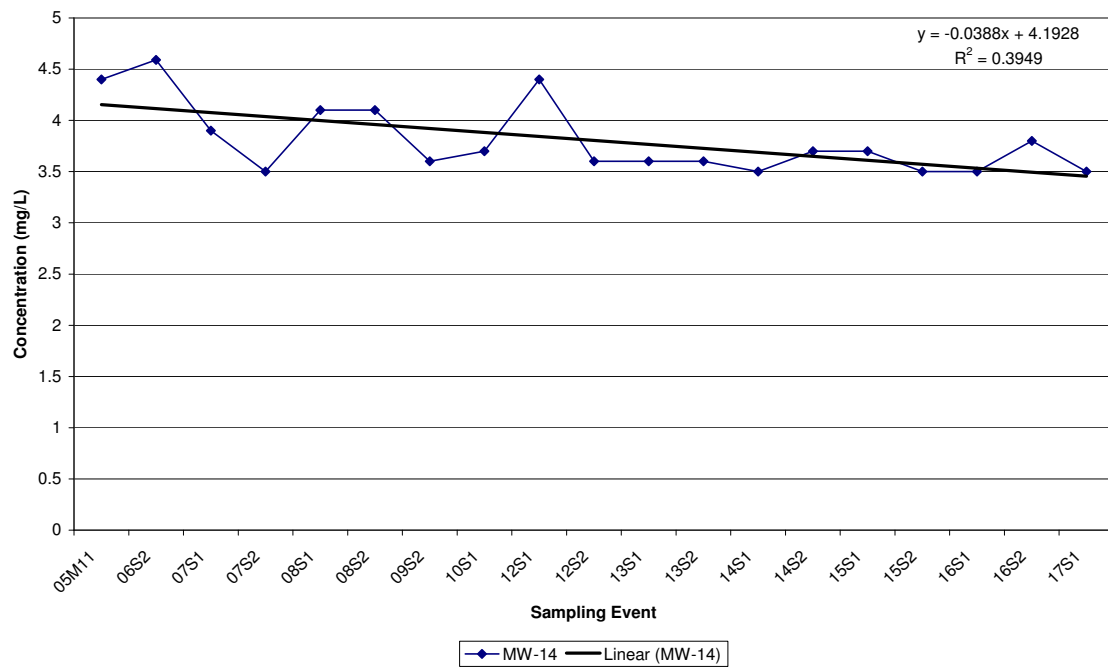
Citrus County Central Landfill
Historic Chloride in MW-12



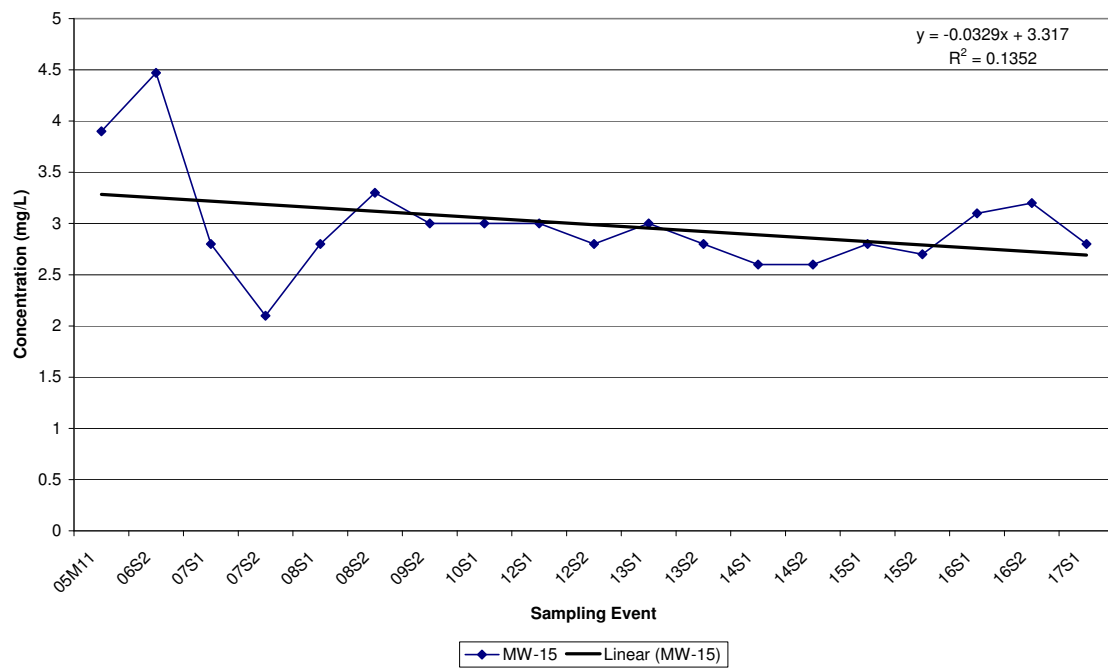
Citrus County Central Landfill
Historic Chloride in MW-13



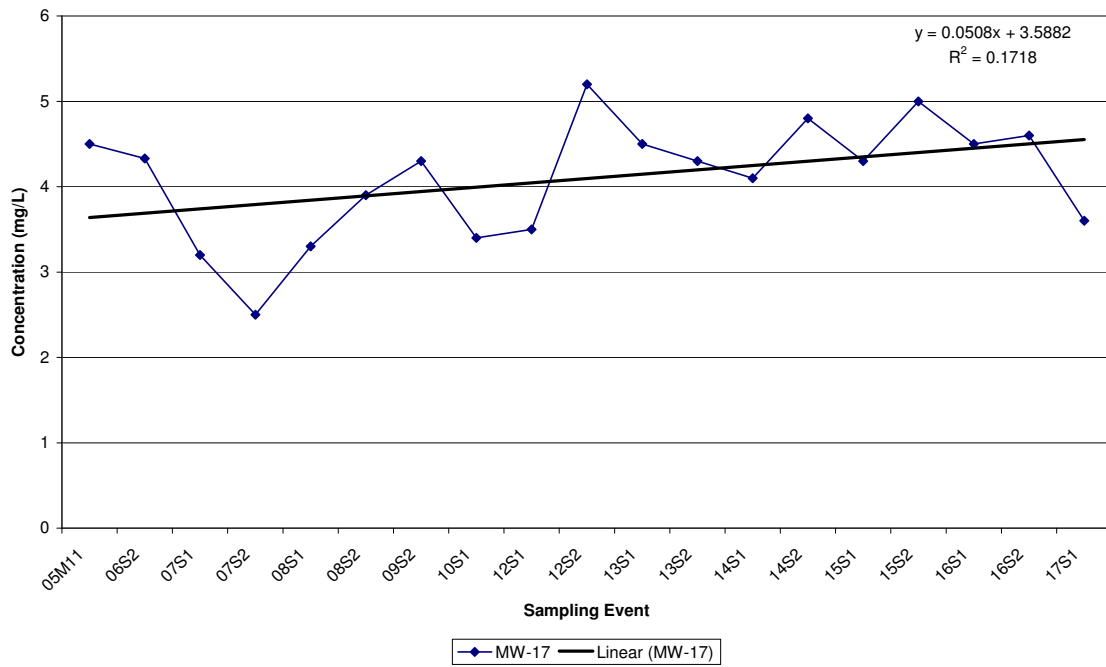
**Citrus County Central Landfill
Historic Chloride in MW-14**



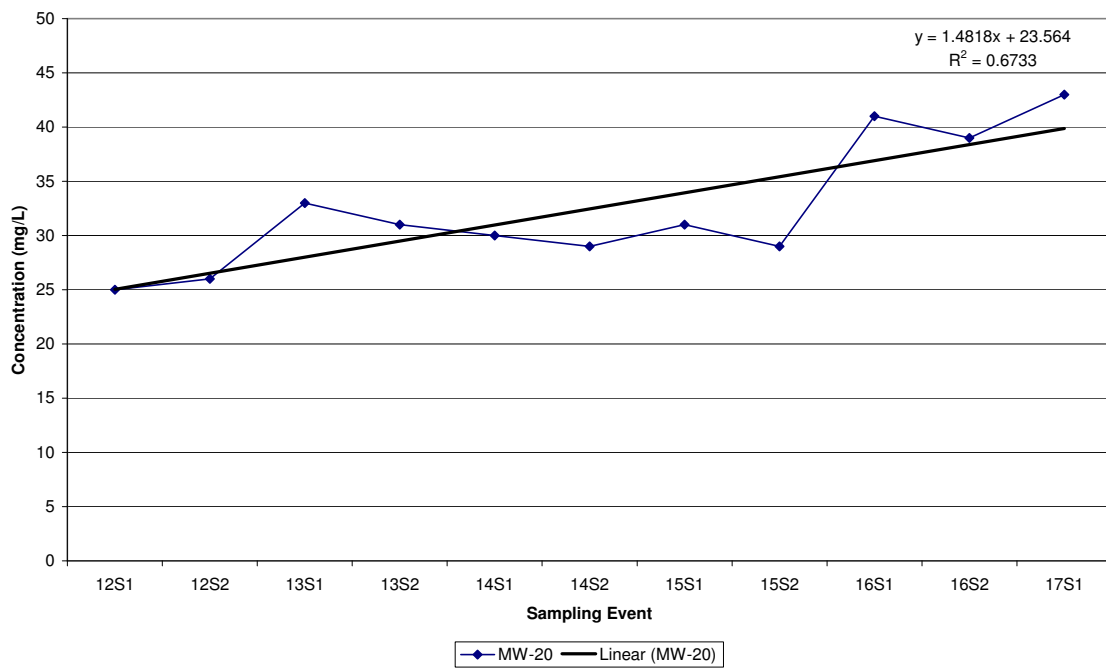
**Citrus County Central Landfill
Historic Chloride in MW-15**



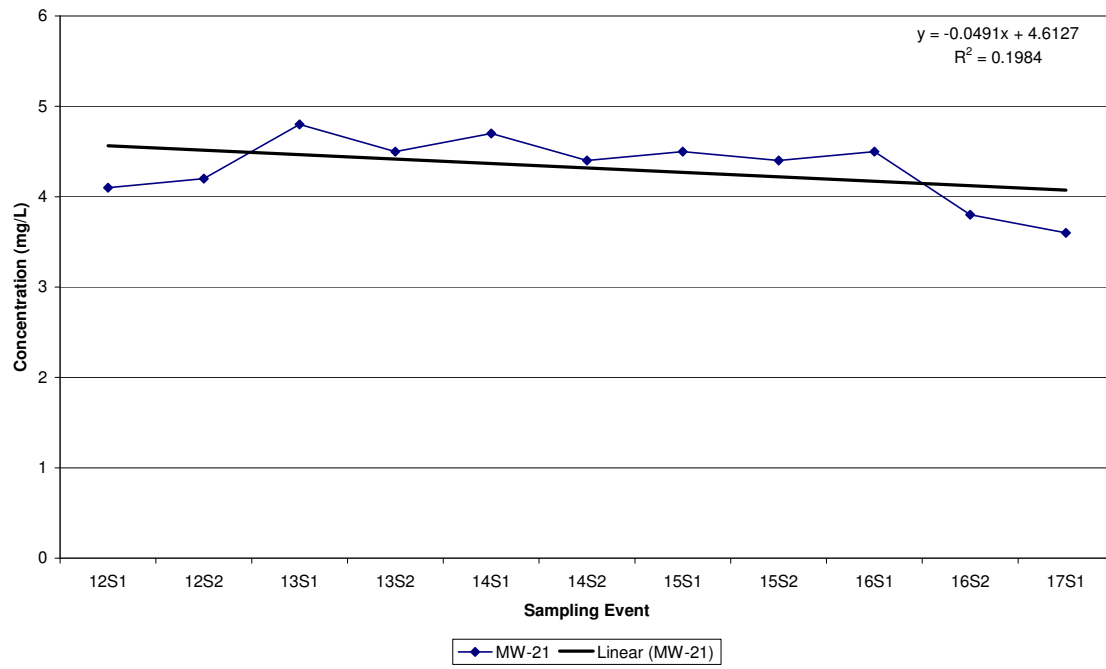
**Citrus County Central Landfill
Historic Chloride in MW-17**



**Citrus County Central Landfill
Historic Chloride in MW-20**

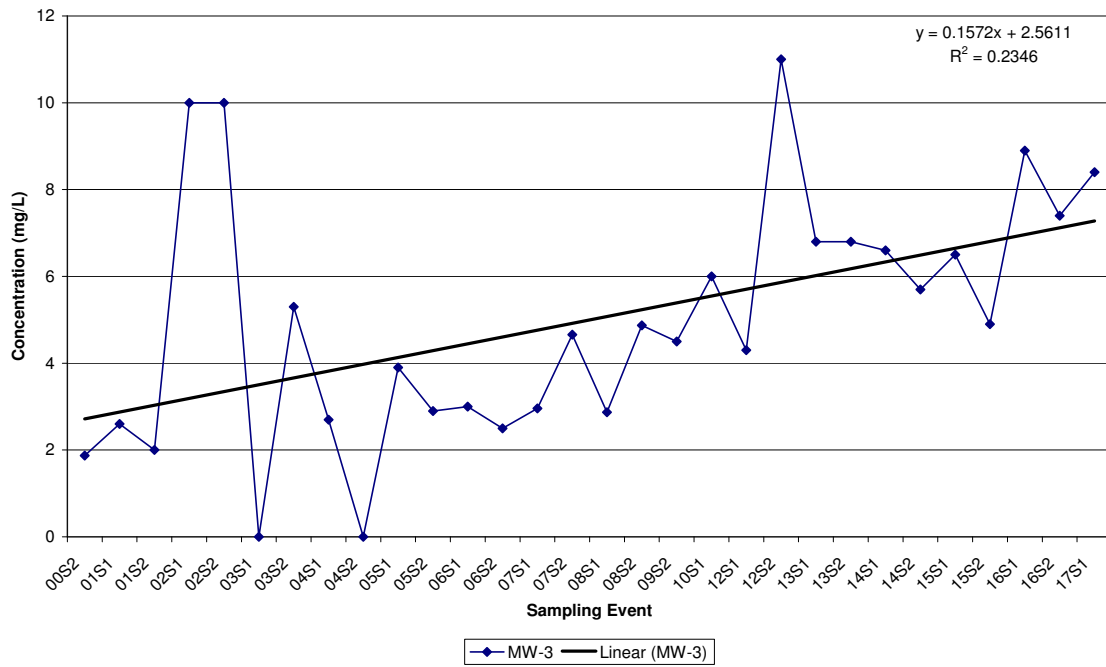


Citrus County Central Landfill
Historic Chloride in MW-21

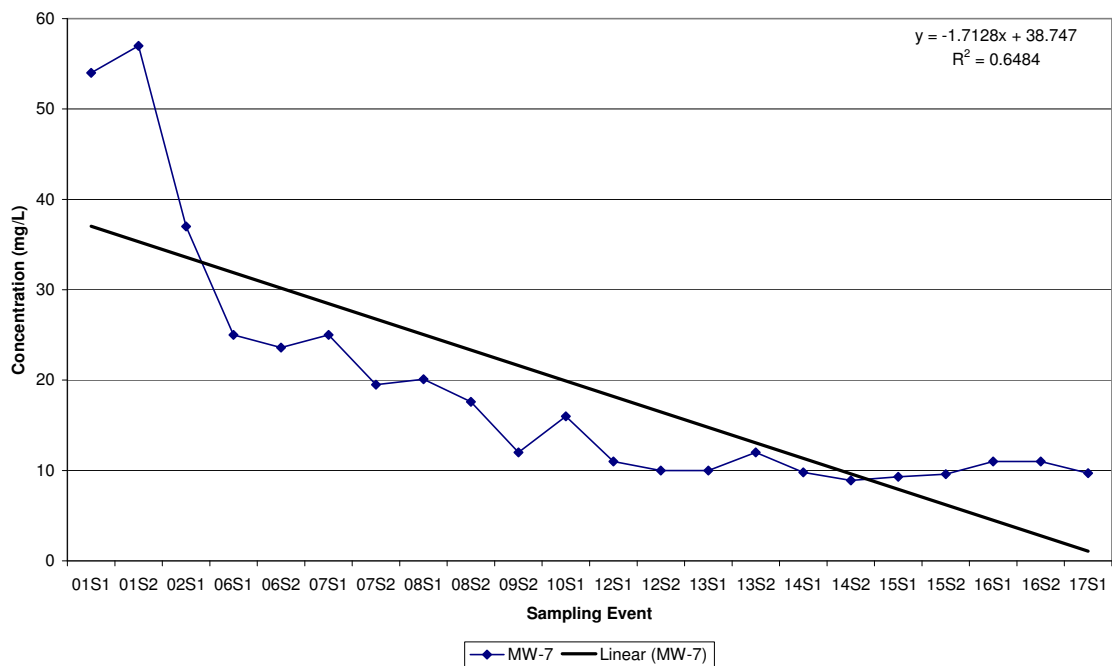


Citrus County Central Landfill
Historical Sodium Data

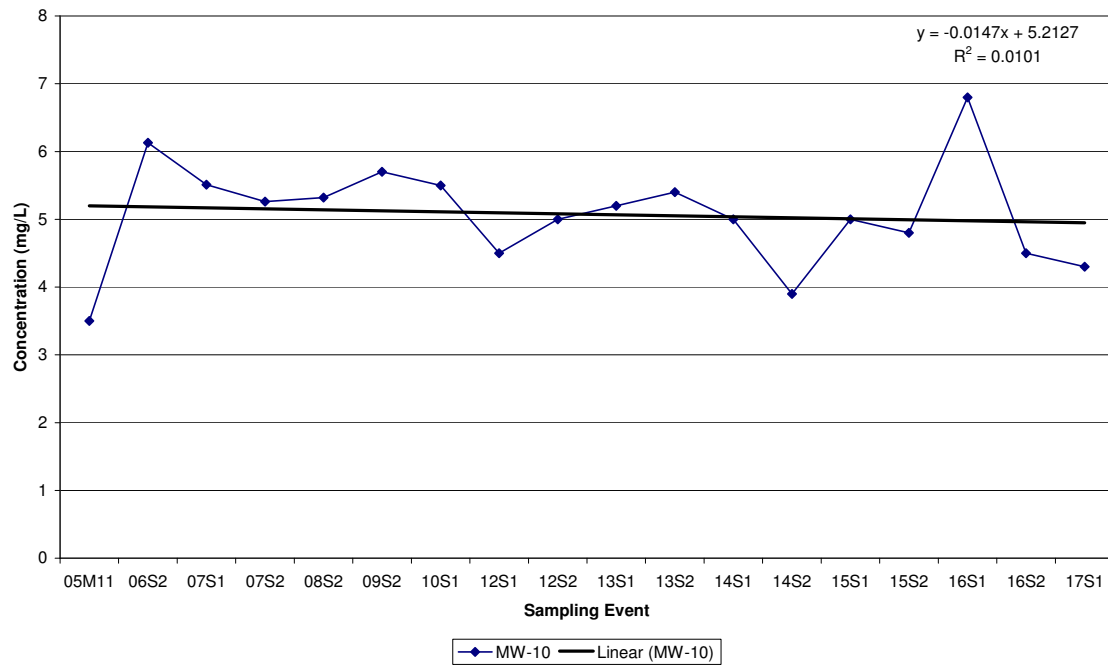
**Citrus County Central Landfill
Historic Sodium in MW-3**



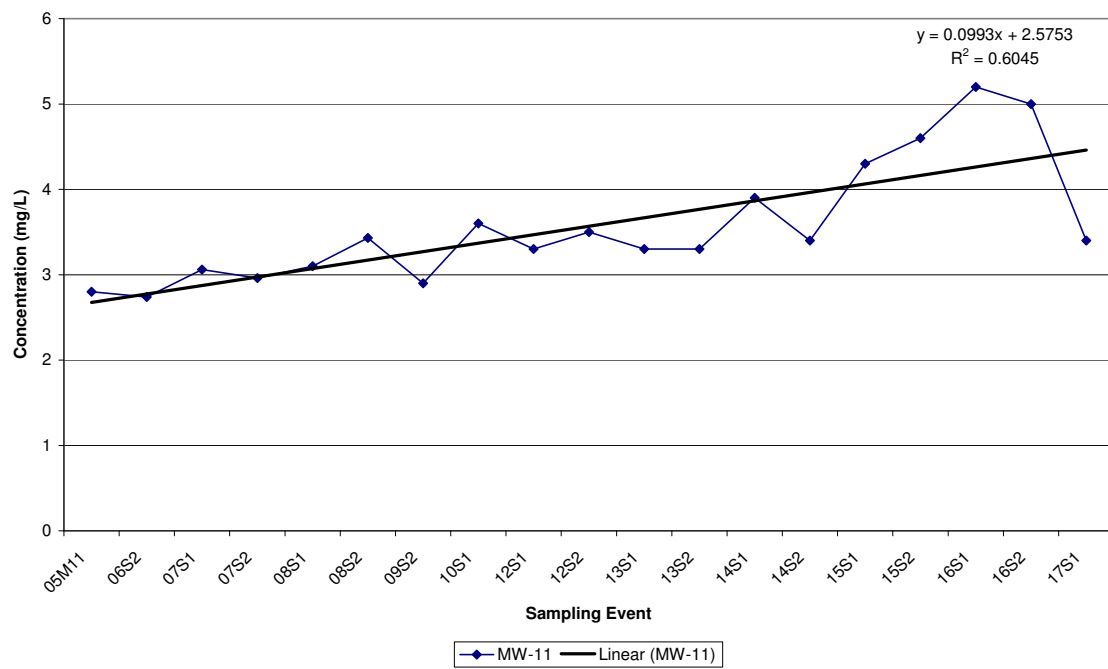
**Citrus County Central Landfill
Historic Sodium in MW-7**



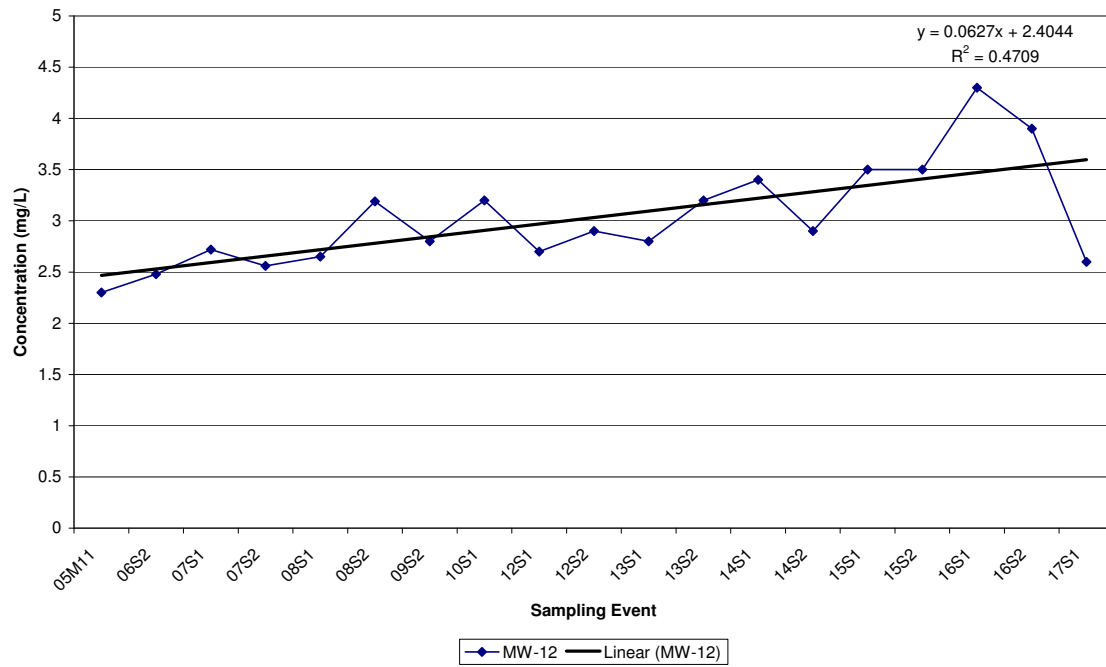
**Citrus County Central Landfill
Historic Sodium in MW-10**



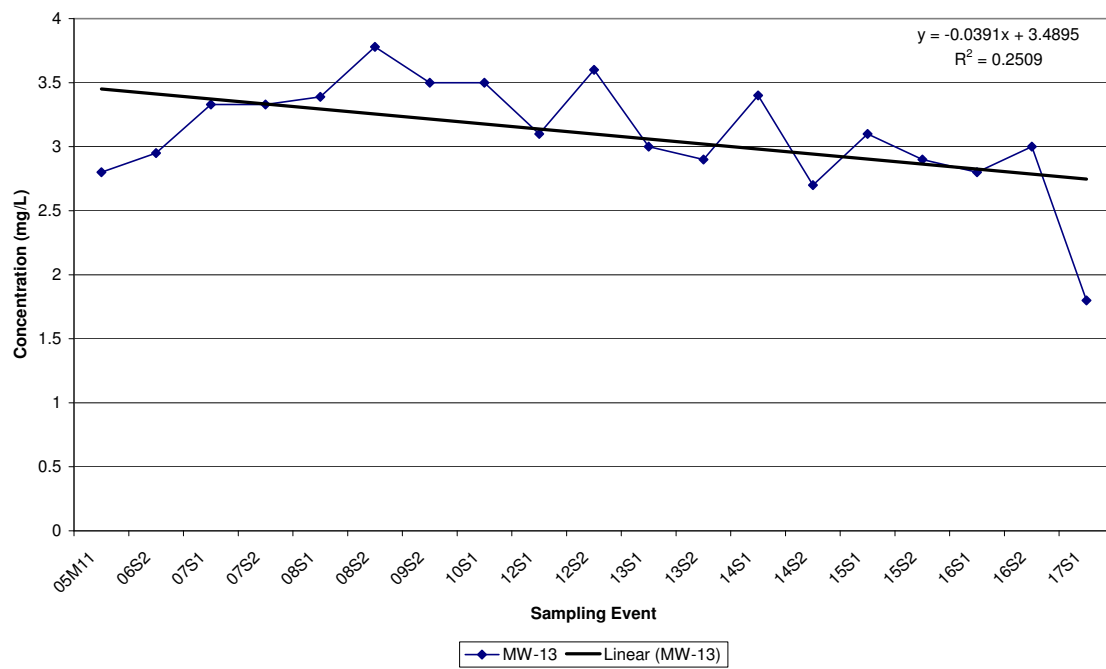
**Citrus County Central Landfill
Historic Sodium in MW-11**



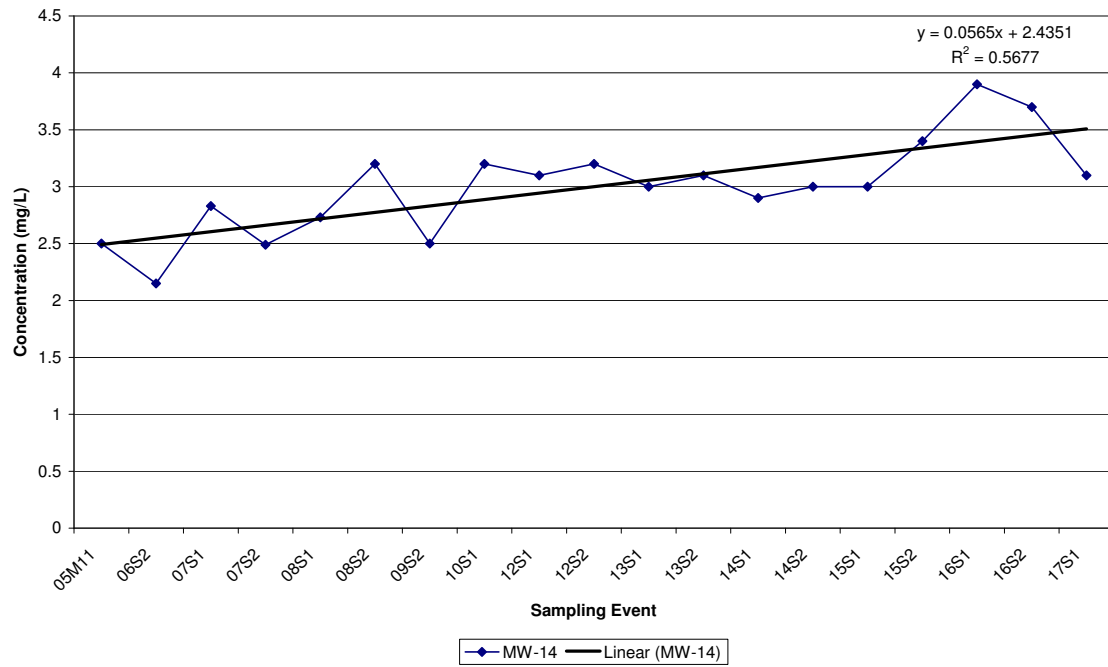
**Citrus County Central Landfill
Historic Sodium in MW-12**



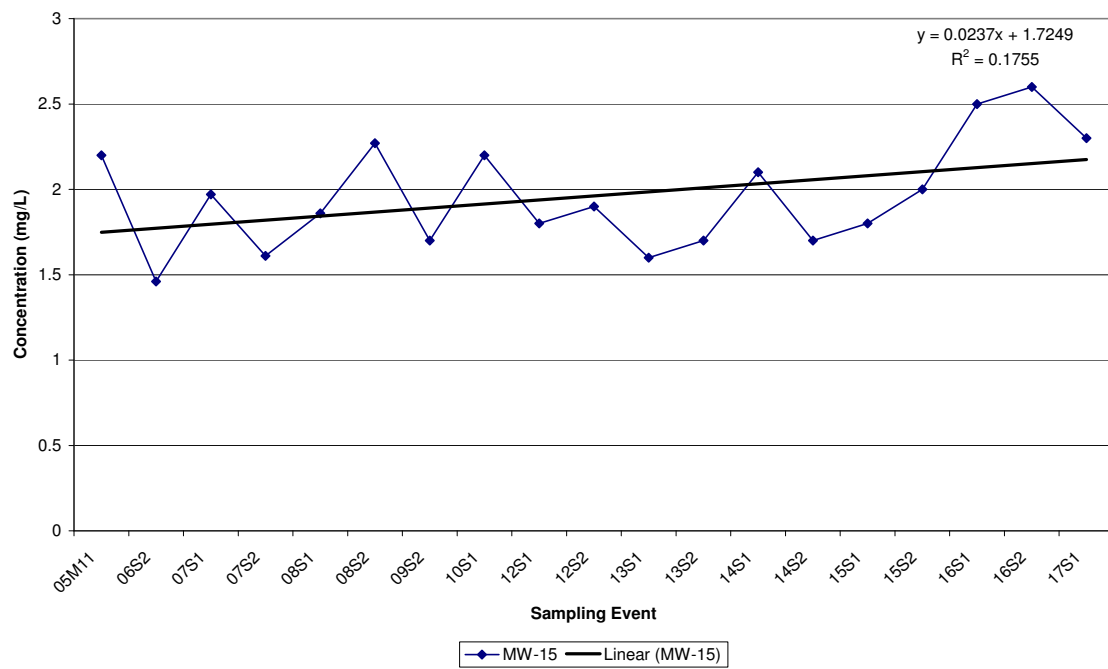
**Citrus County Central Landfill
Historic Sodium in MW-13**



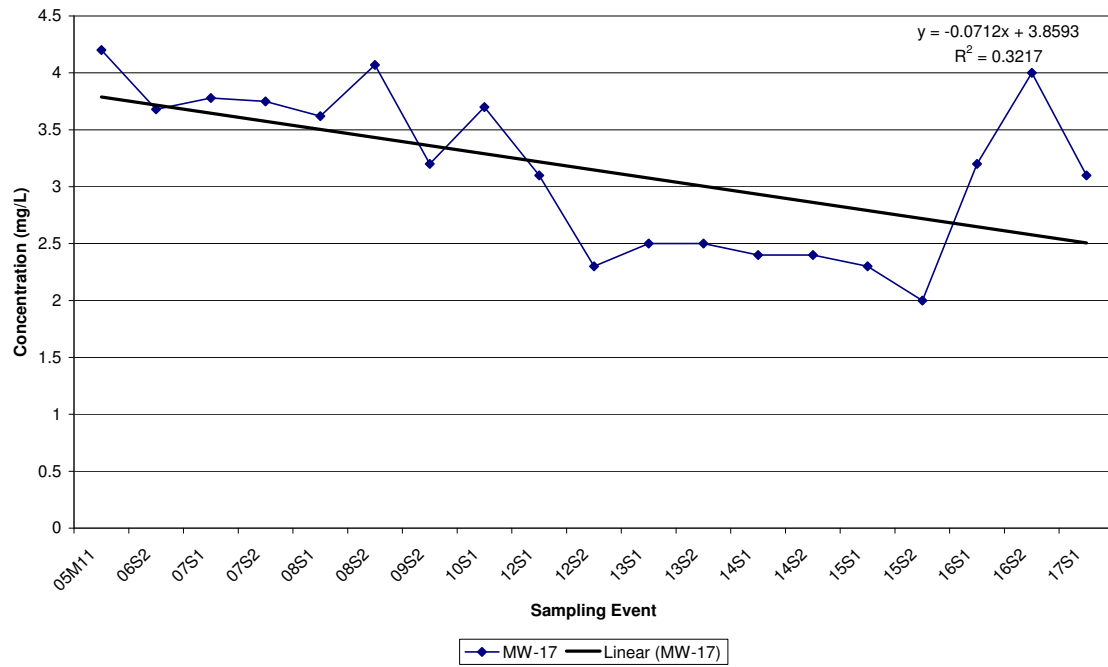
**Citrus County Central Landfill
Historic Sodium in MW-14**



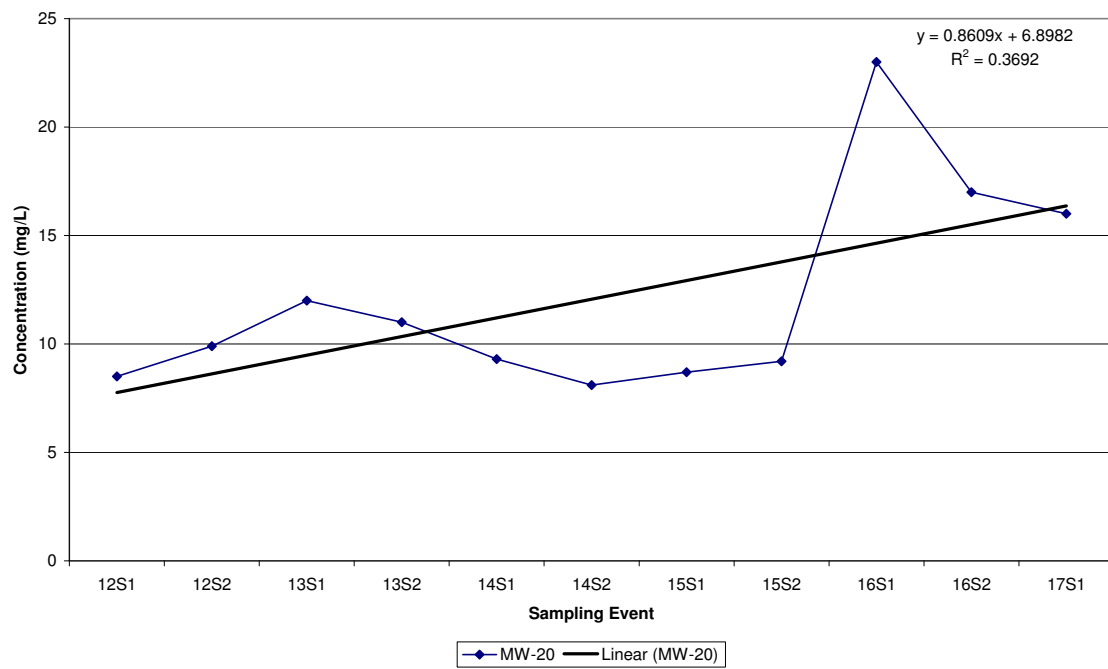
**Citrus County Central Landfill
Historic Sodium in MW-15**



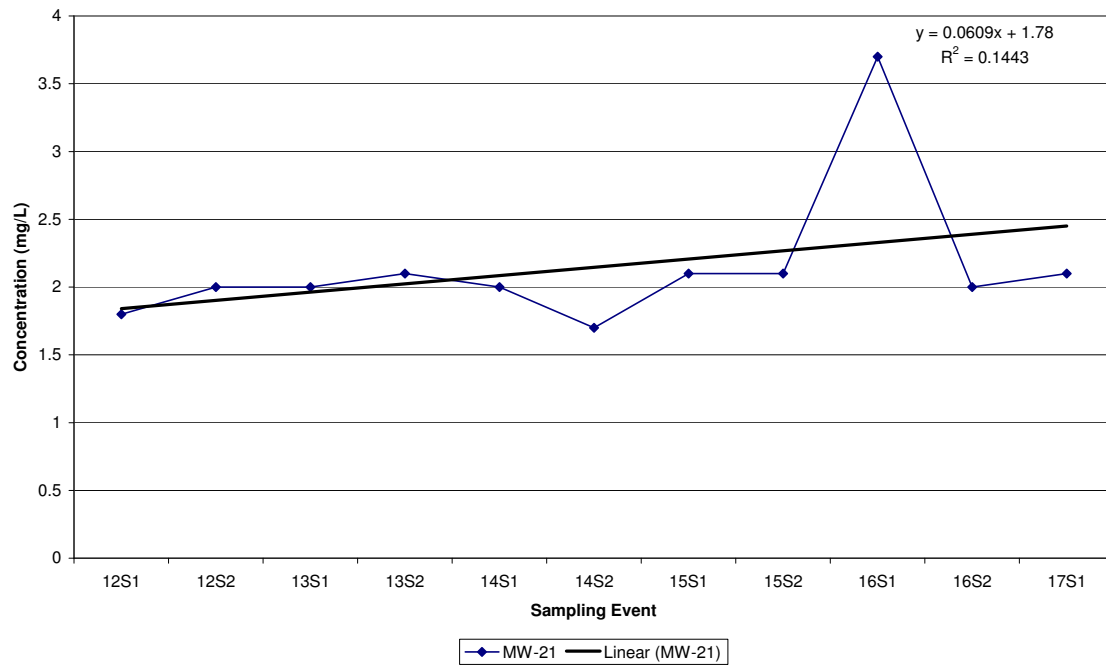
**Citrus County Central Landfill
Historic Sodium in MW-17**



**Citrus County Central Landfill
Historic Sodium in MW-20**

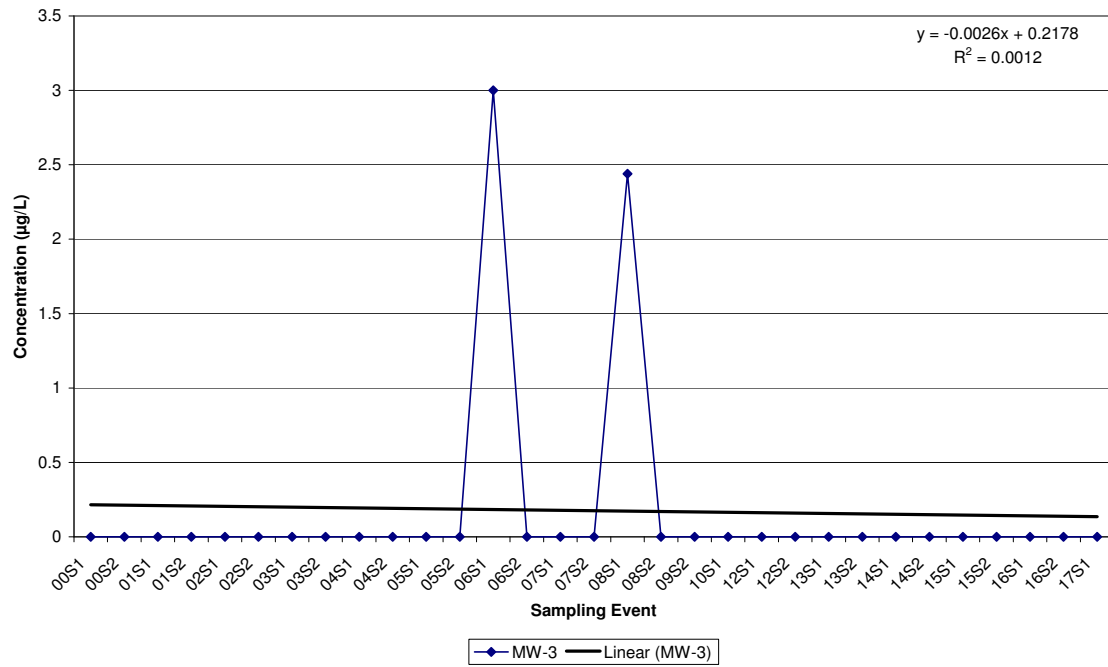


Citrus County Central Landfill
Historic Sodium in MW-21

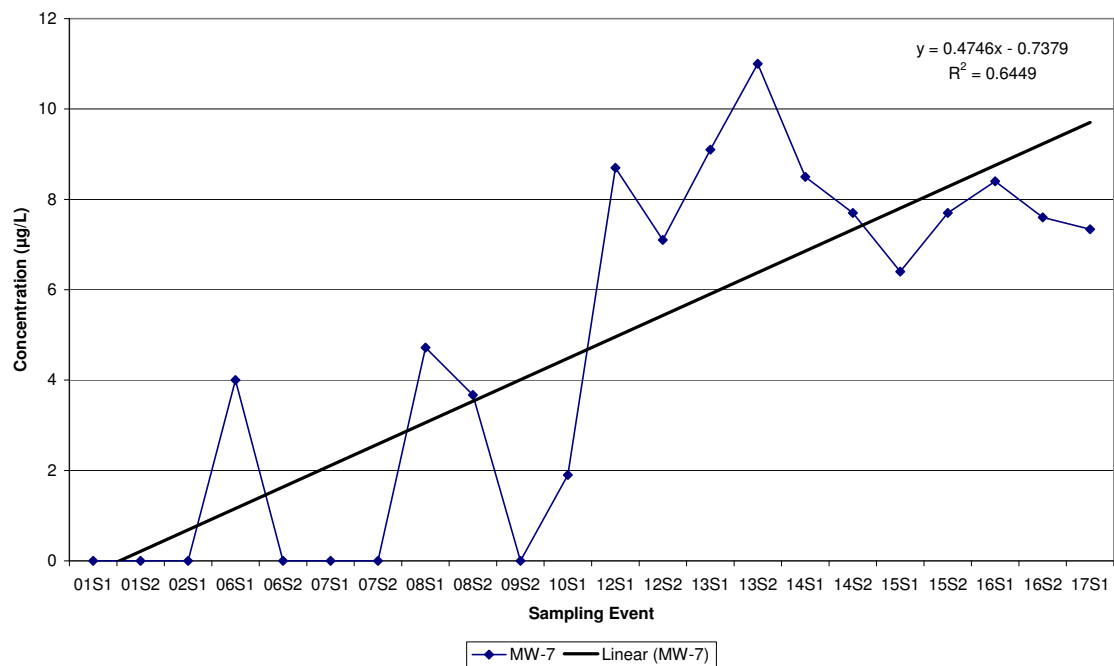


Citrus County Central Landfill
Historical Arsenic Data

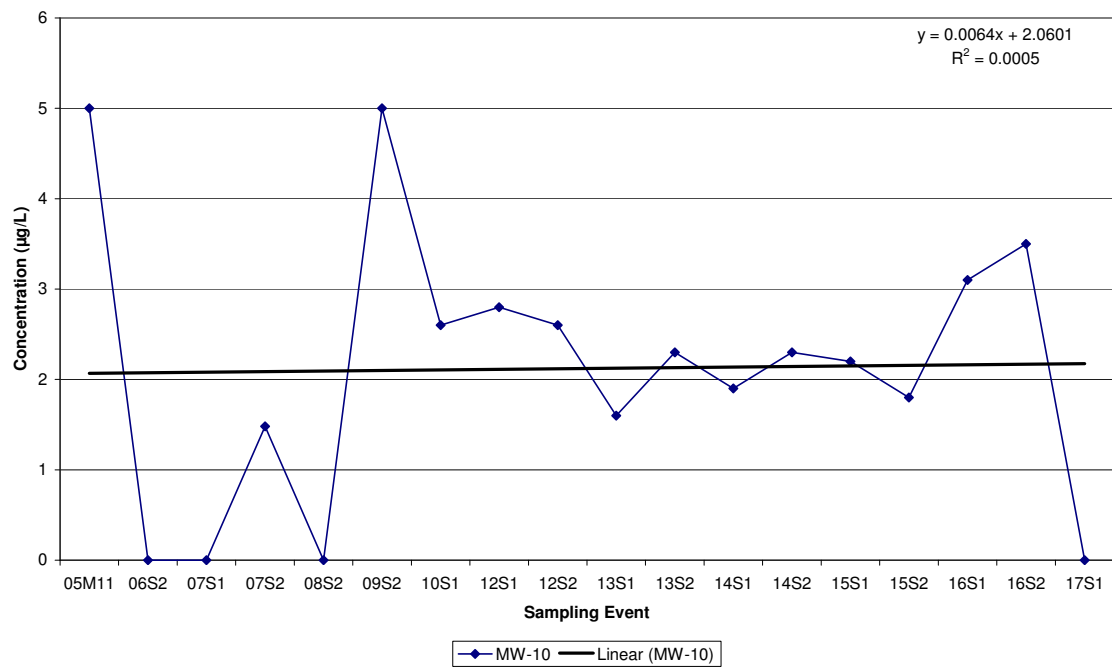
**Citrus County Central Landfill
Historic Arsenic in MW-3**



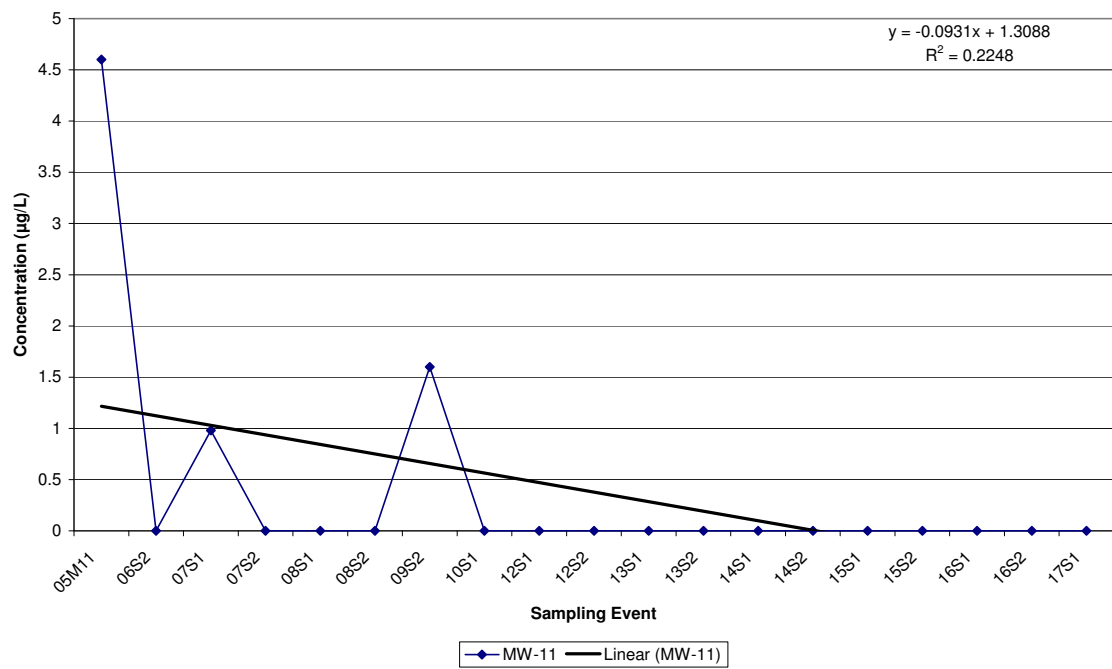
**Citrus County Central Landfill
Historic Arsenic in MW-7**



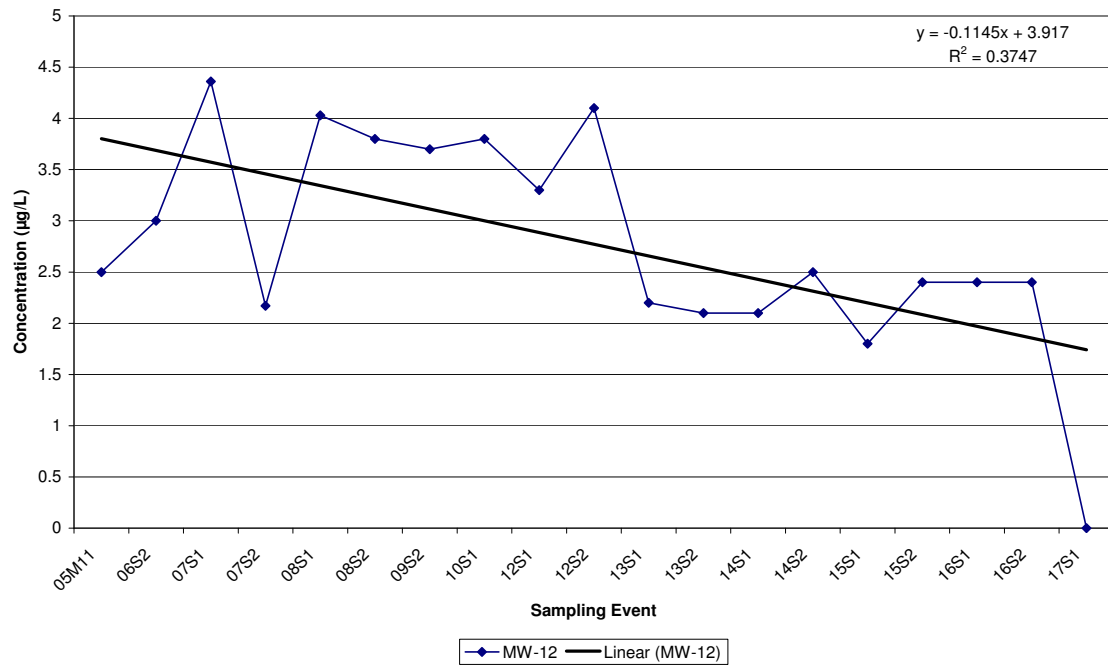
**Citrus County Central Landfill
Historic Arsenic in MW-10**



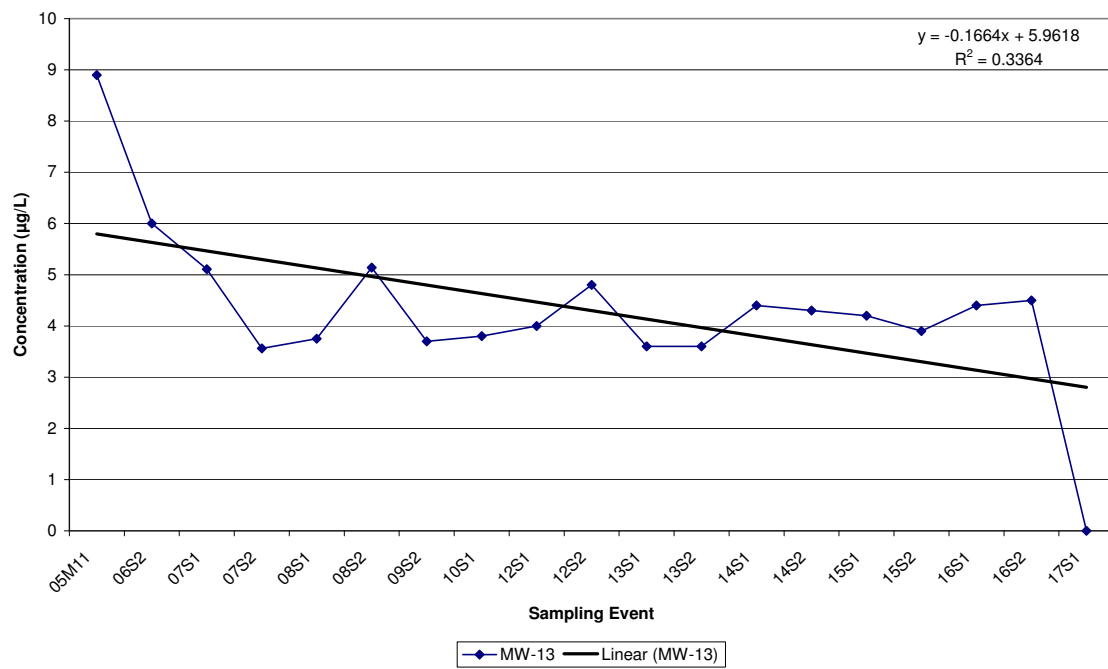
**Citrus County Central Landfill
Historic Arsenic in MW-11**



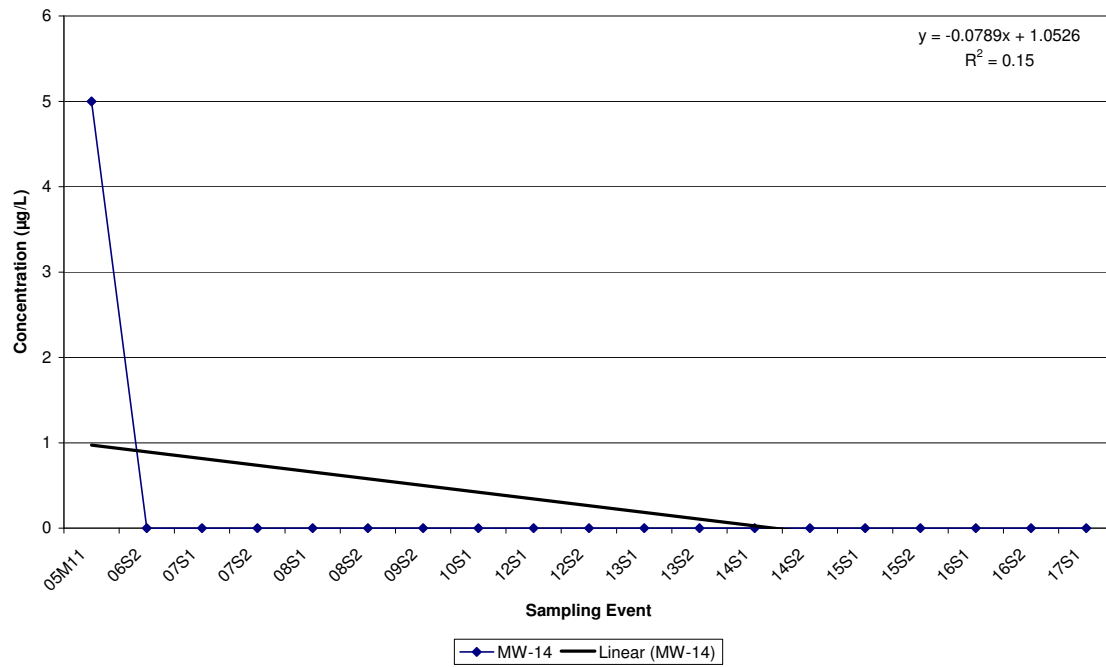
**Citrus County Central Landfill
Historic Arsenic in MW-12**



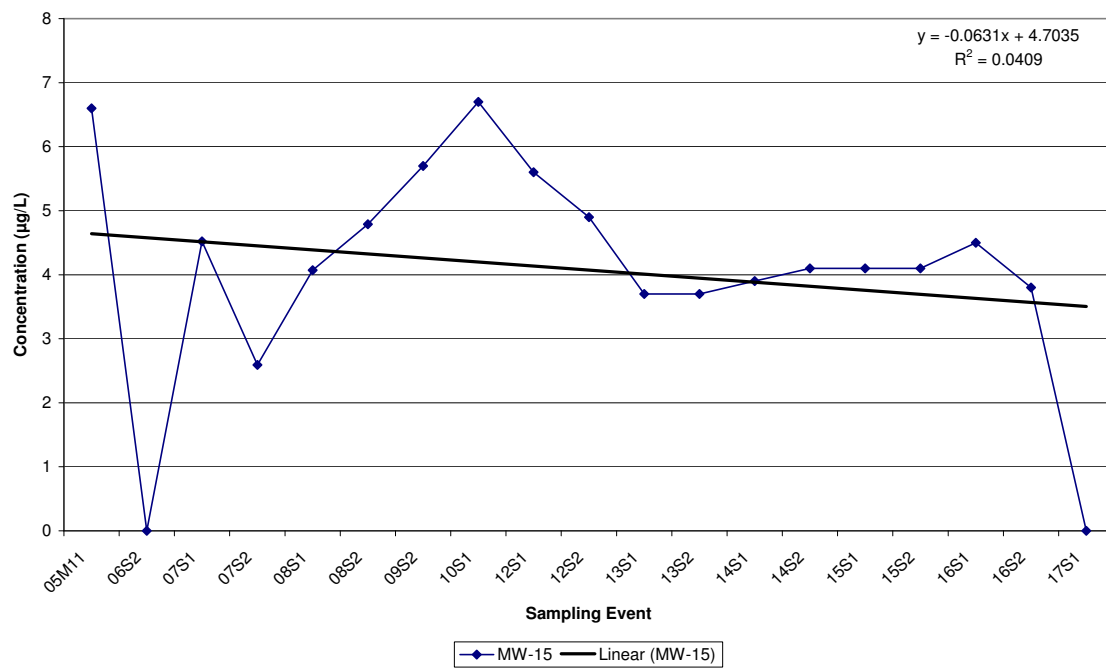
**Citrus County Central Landfill
Historic Arsenic in MW-13**



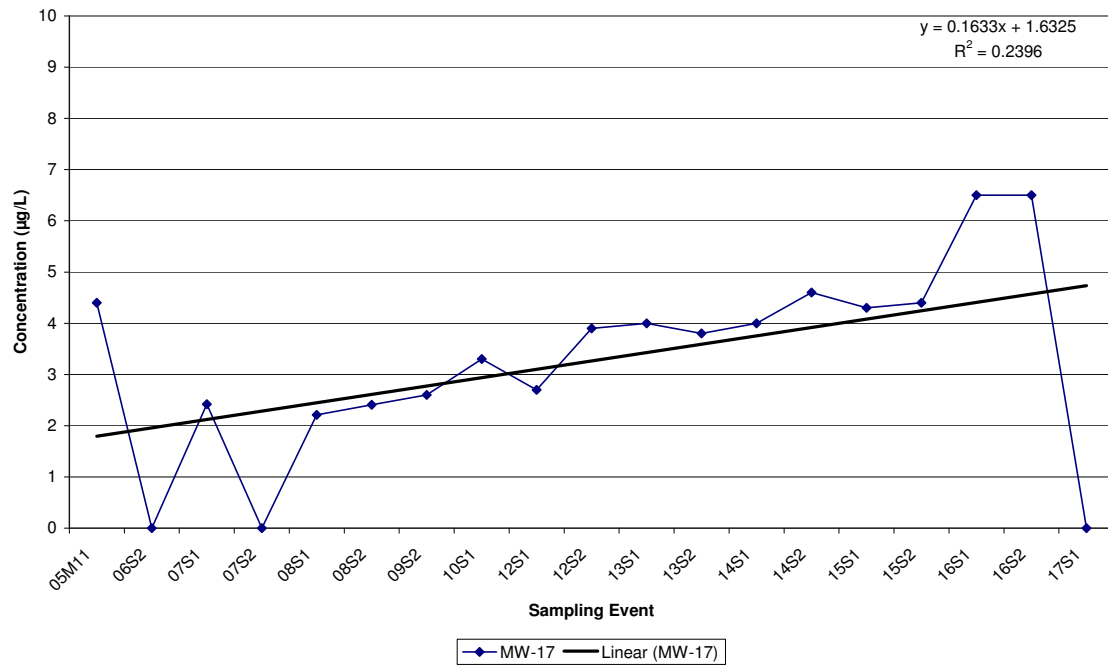
Citrus County Central Landfill
Historic Arsenic in MW-14



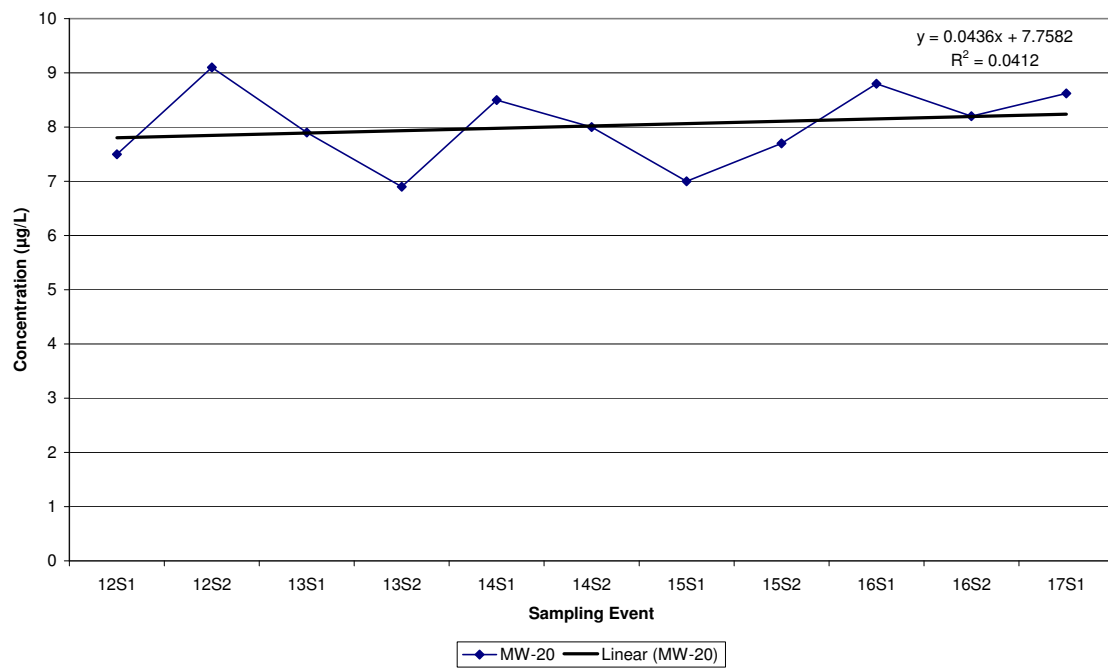
Citrus County Central Landfill
Historic Arsenic in MW-15



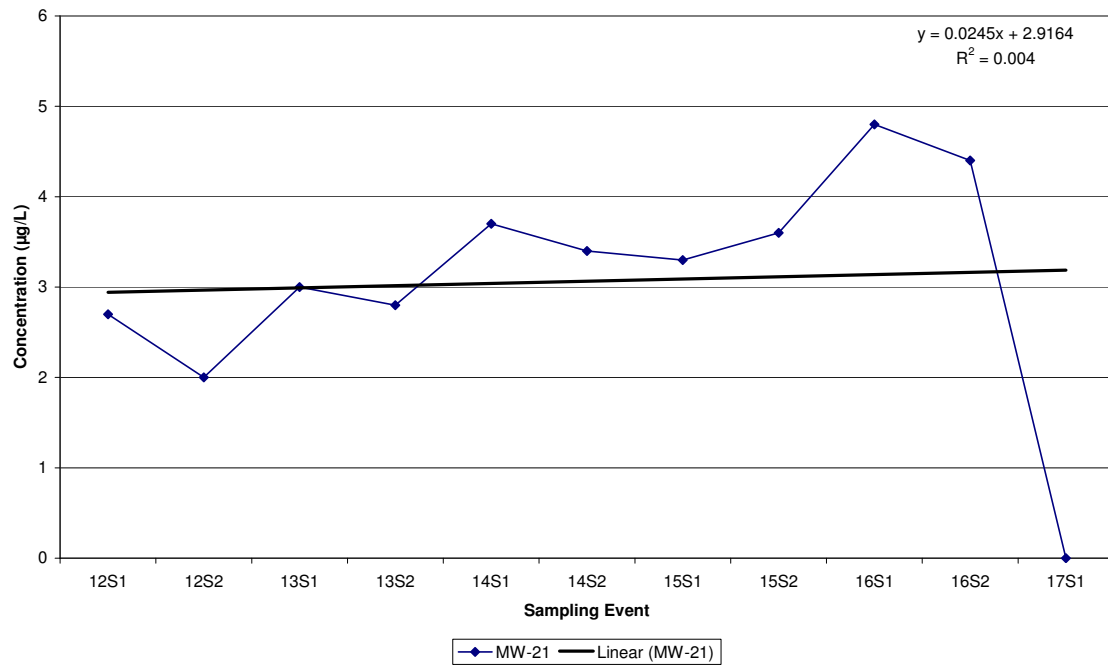
Citrus County Central Landfill
Historic Arsenic in MW-17



Citrus County Central Landfill
Historic Arsenic in MW-20

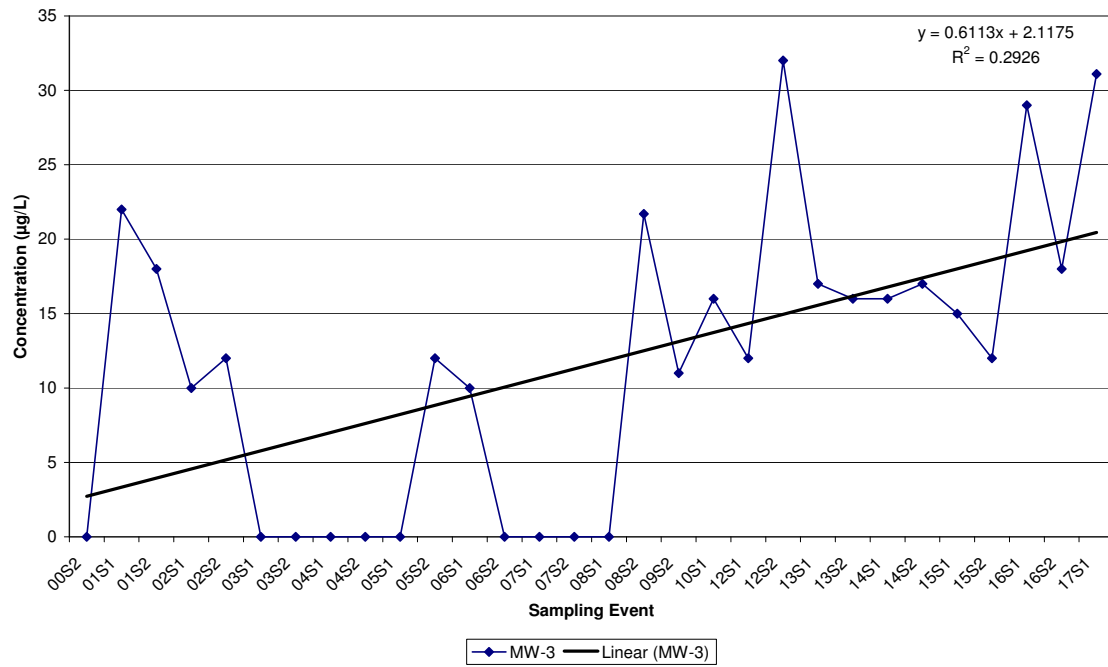


Citrus County Central Landfill
Historic Arsenic in MW-21

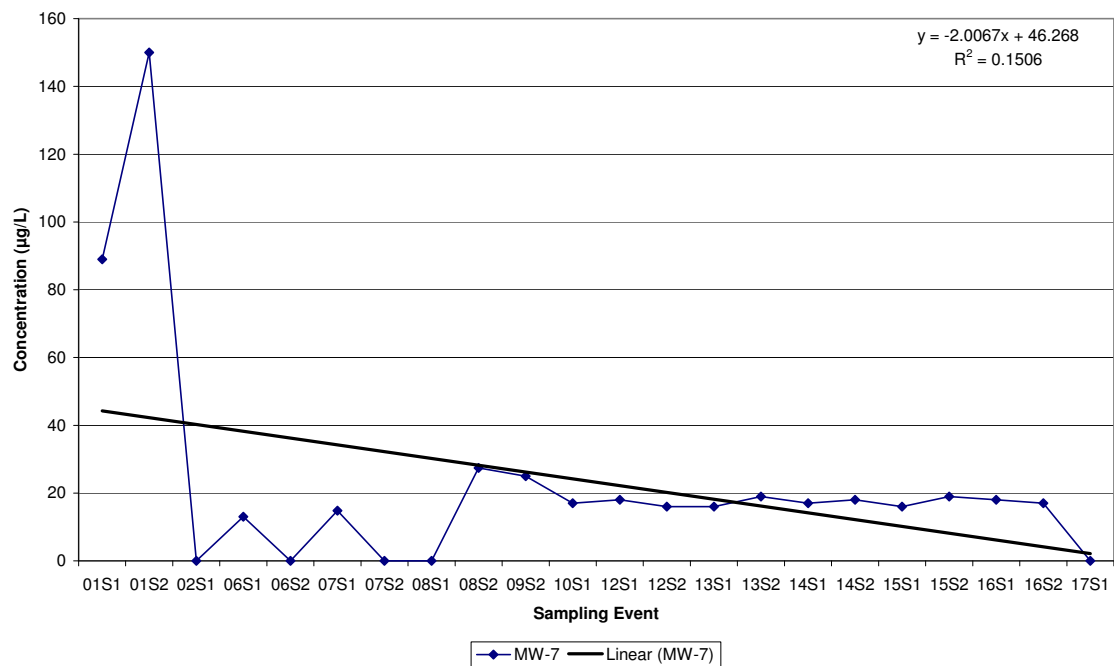


Citrus County Central Landfill
Historical Barium Data

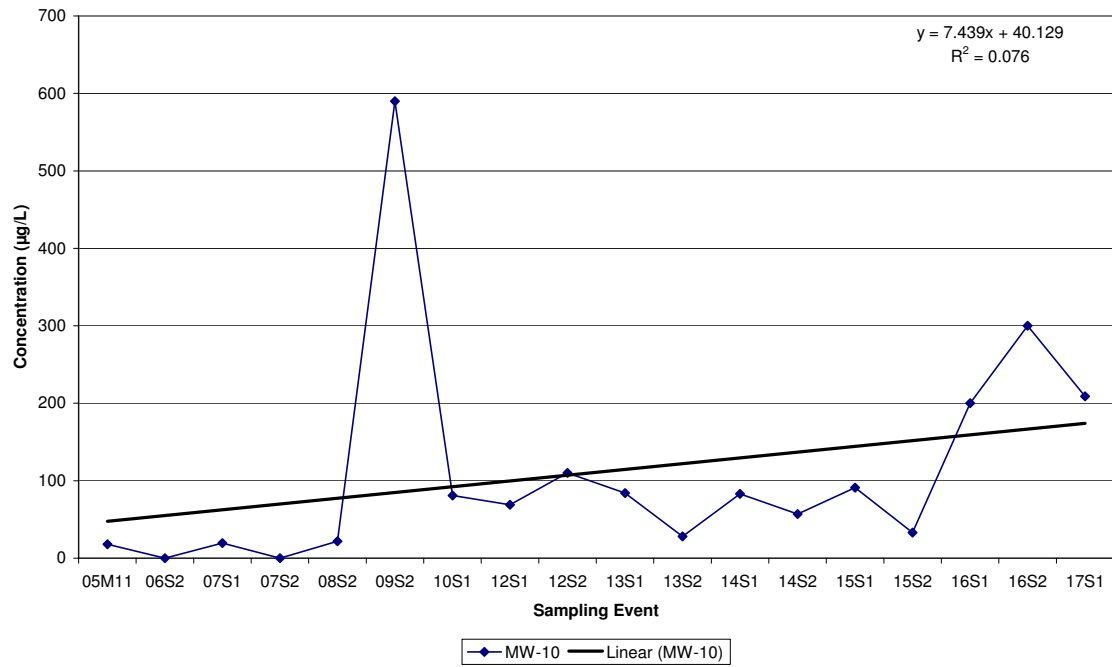
**Citrus County Central Landfill
Historic Barium in MW-3**



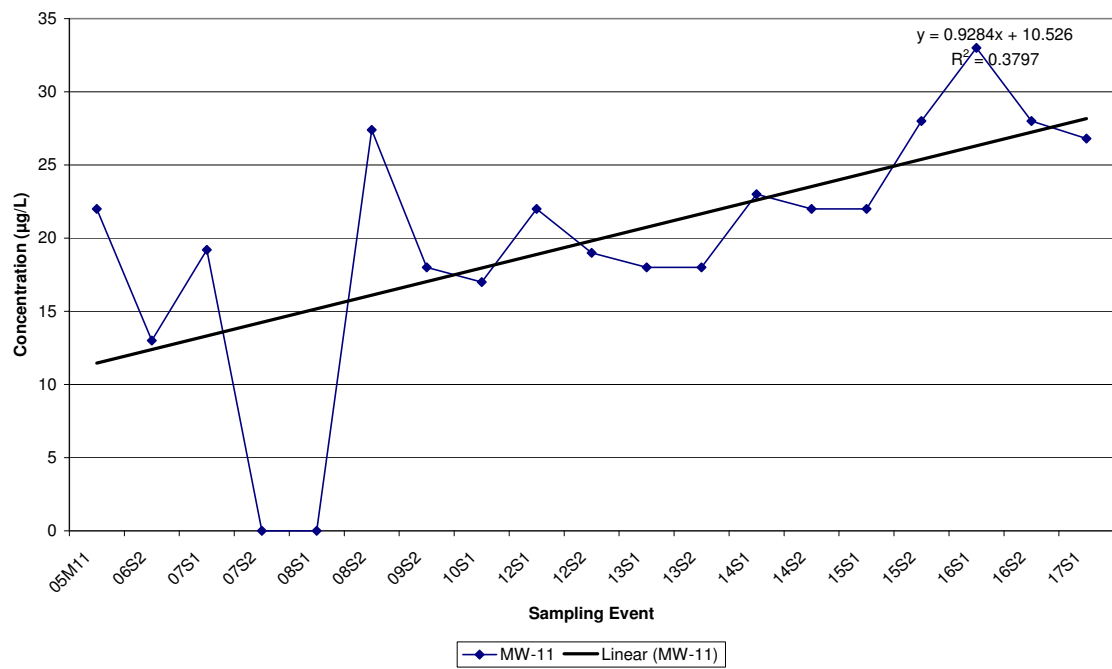
**Citrus County Central Landfill
Historic Barium in MW-7**



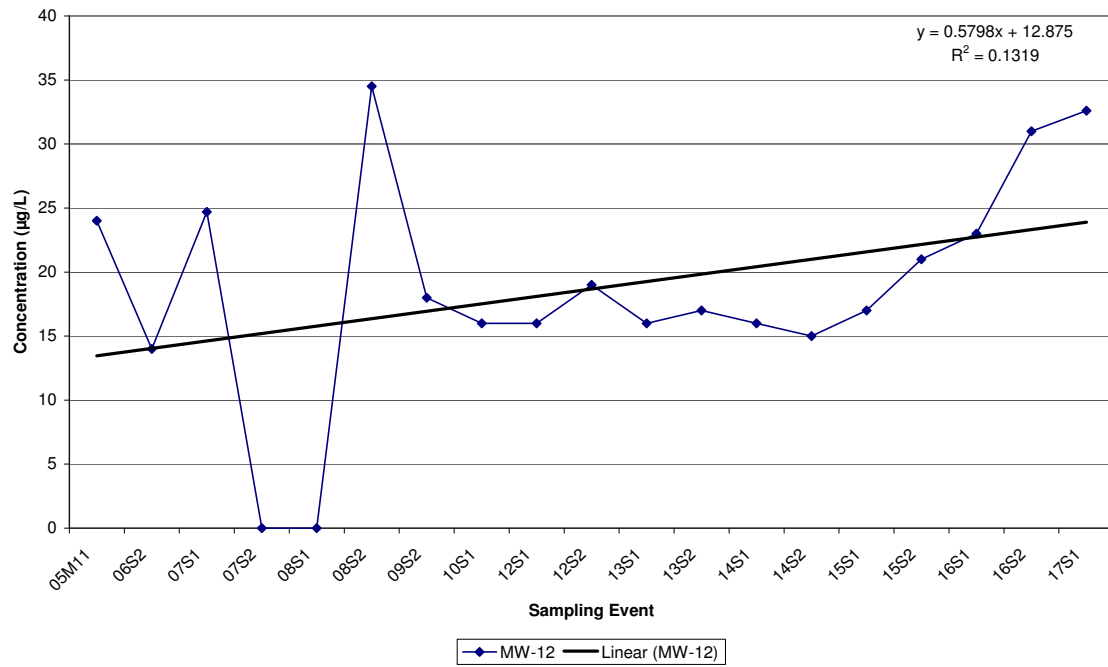
**Citrus County Central Landfill
Historic Barium in MW-10**



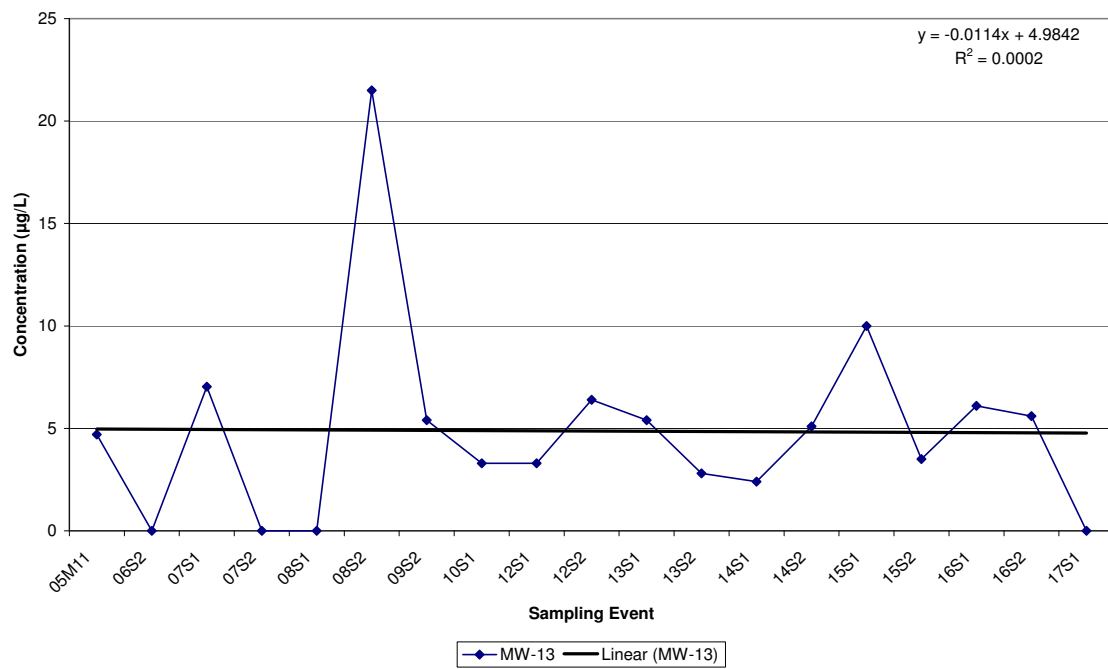
**Citrus County Central Landfill
Historic Barium in MW-11**



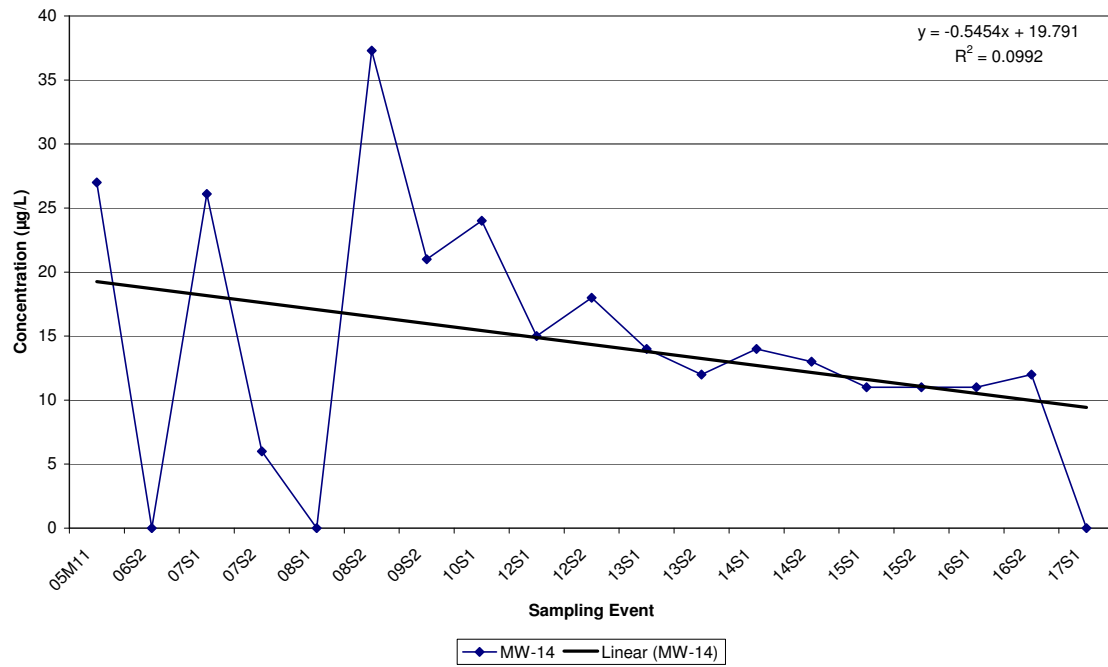
Citrus County Central Landfill
Historic Barium in MW-12



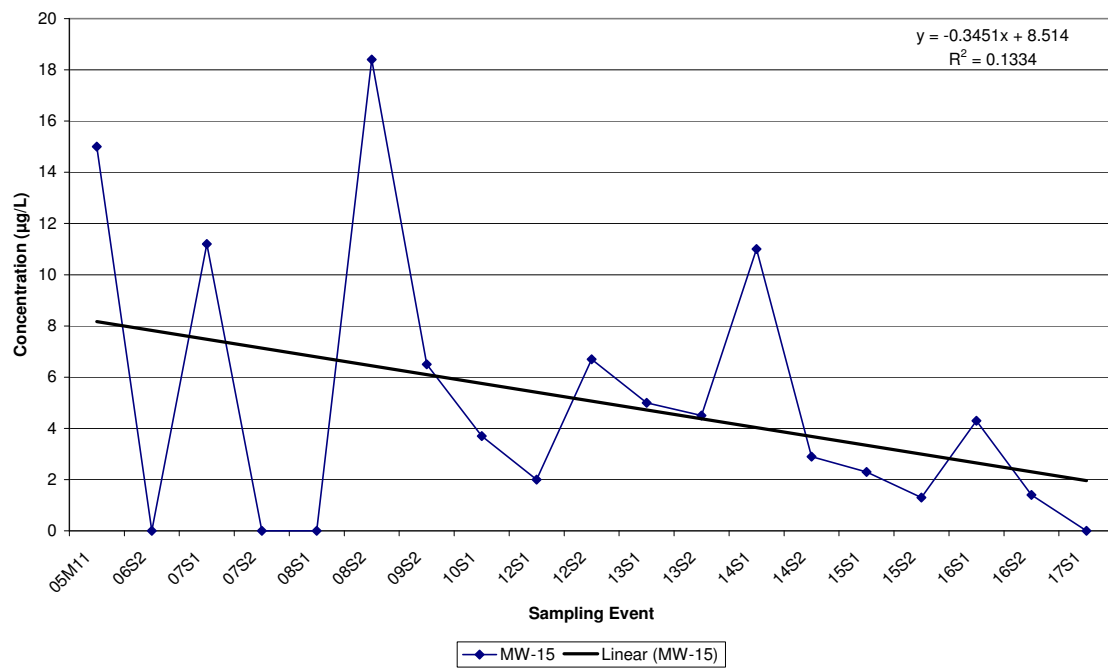
Citrus County Central Landfill
Historic Barium in MW-13



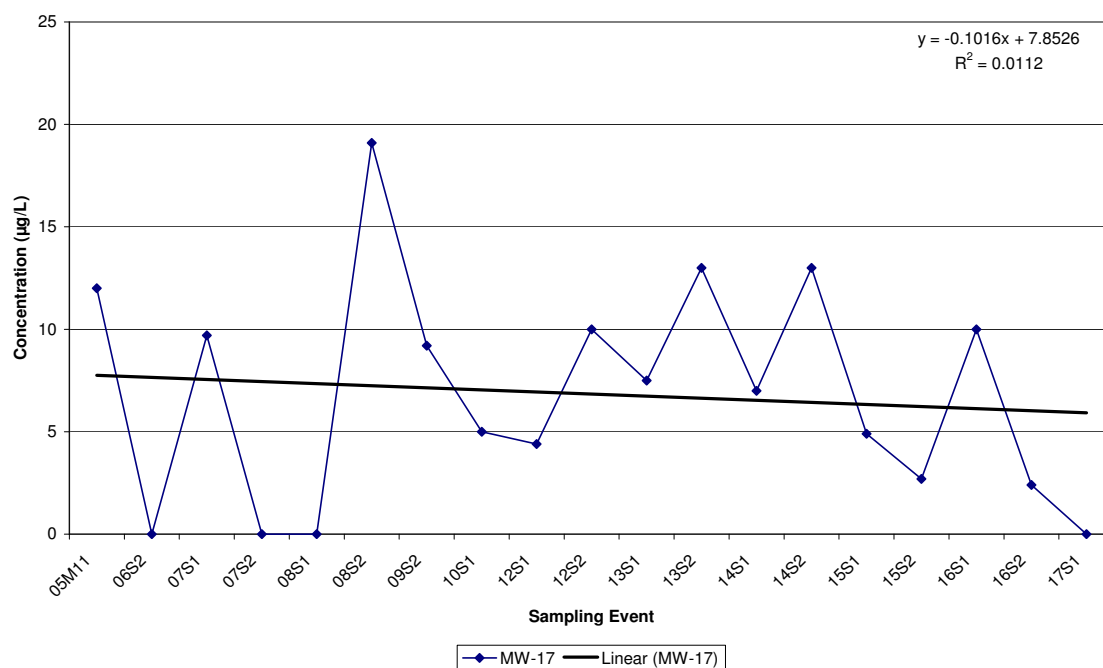
Citrus County Central Landfill
Historic Barium in MW-14



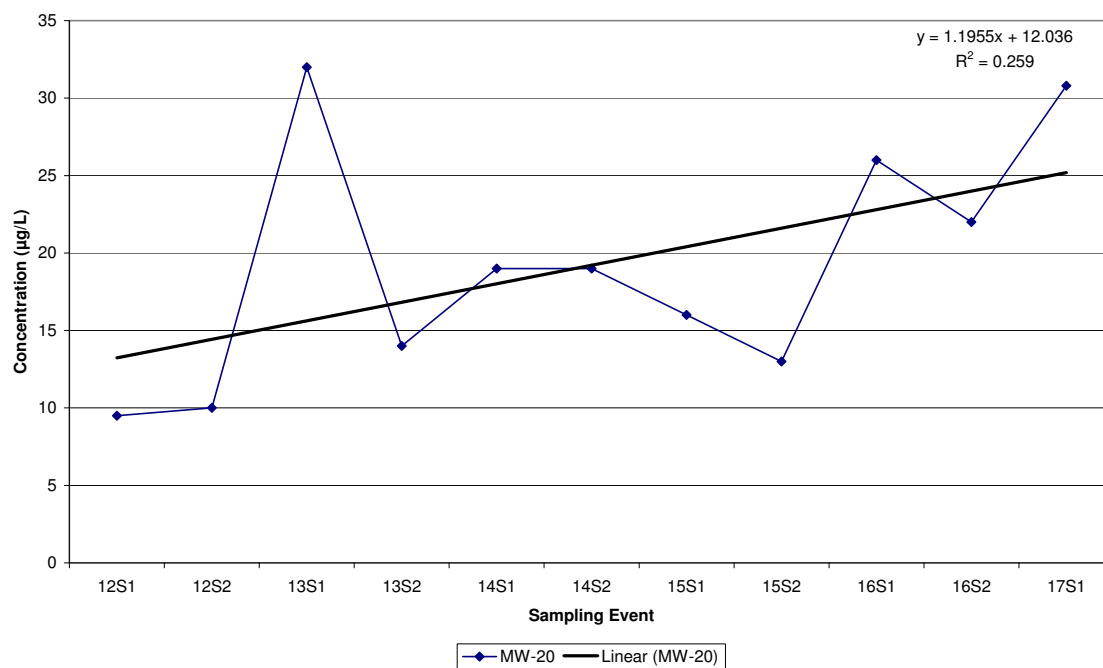
Citrus County Central Landfill
Historic Barium in MW-15



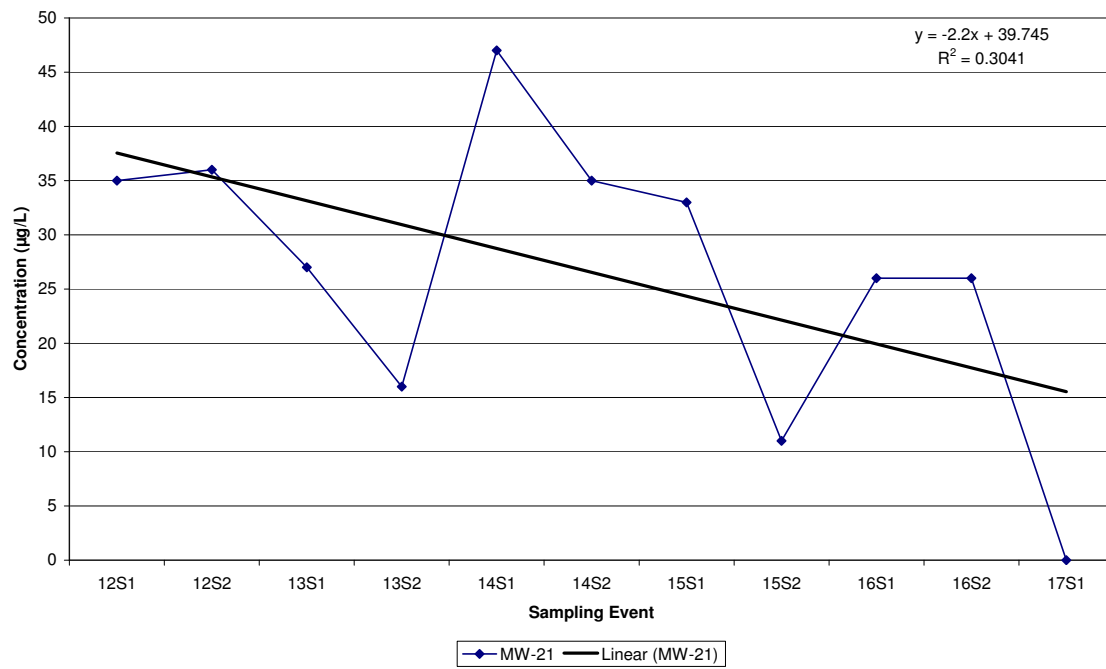
**Citrus County Central Landfill
Historic Barium in MW-17**



**Citrus County Central Landfill
Historic Barium in MW-20**

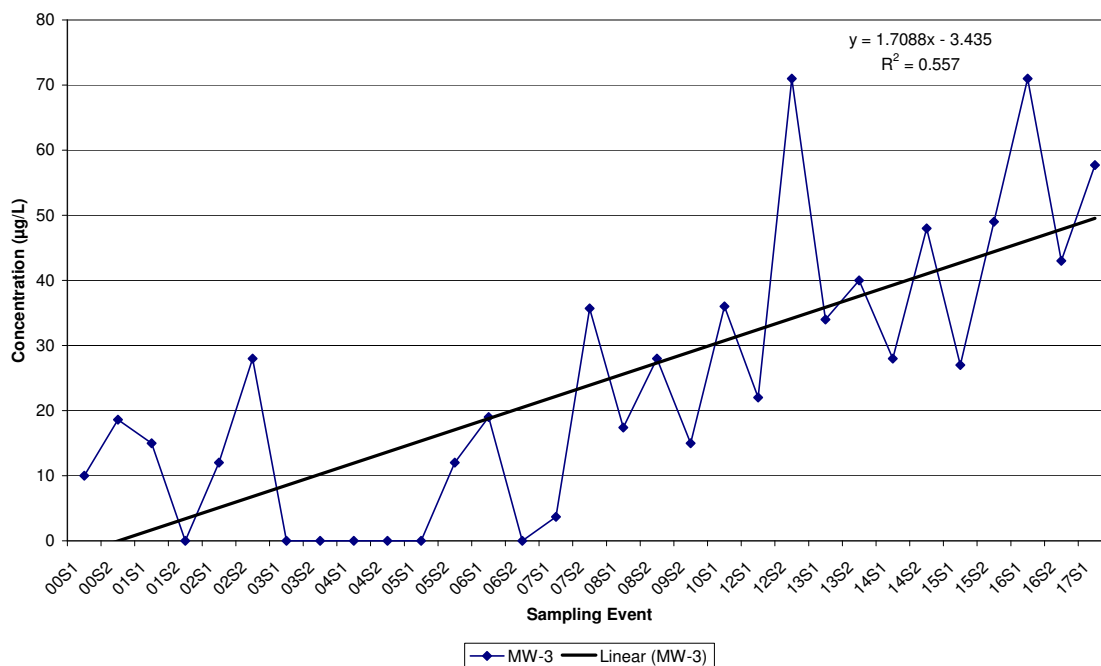


Citrus County Central Landfill
Historic Barium in MW-21

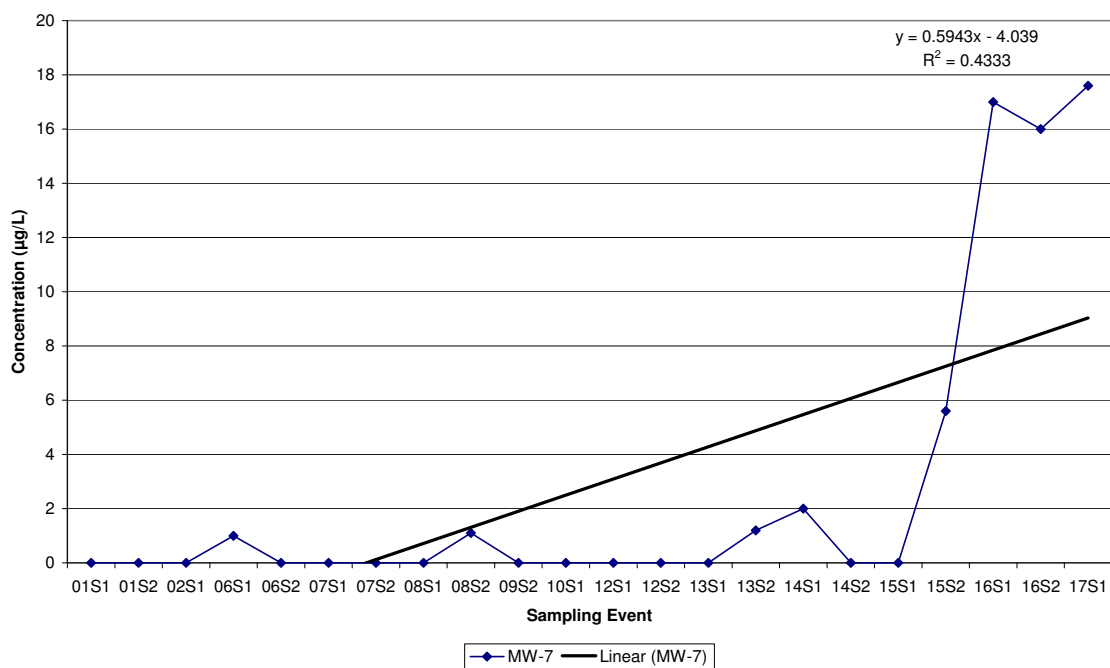


Citrus County Central Landfill
Historical Copper Data

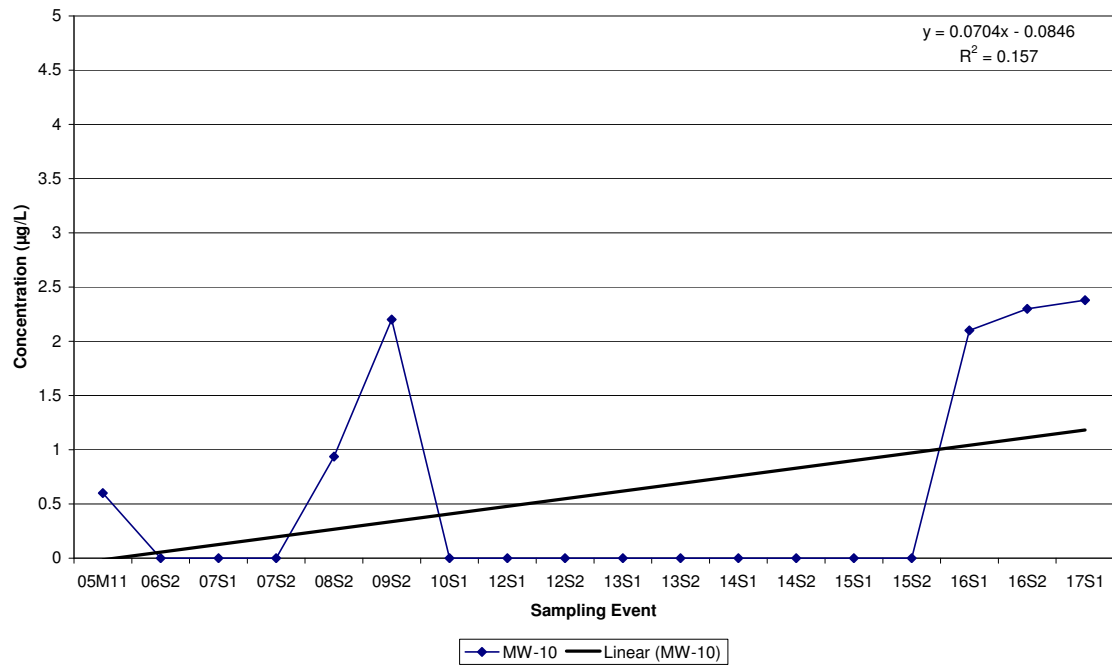
Citrus County Central Landfill Historic Copper in MW-3



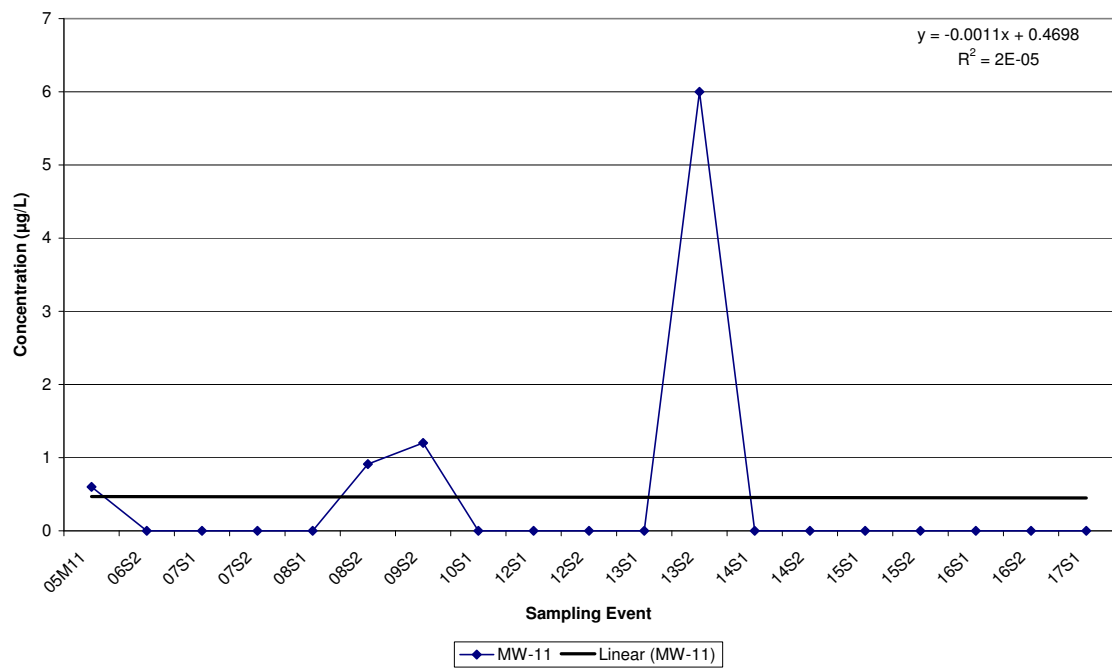
Citrus County Central Landfill Historic Copper in MW-7



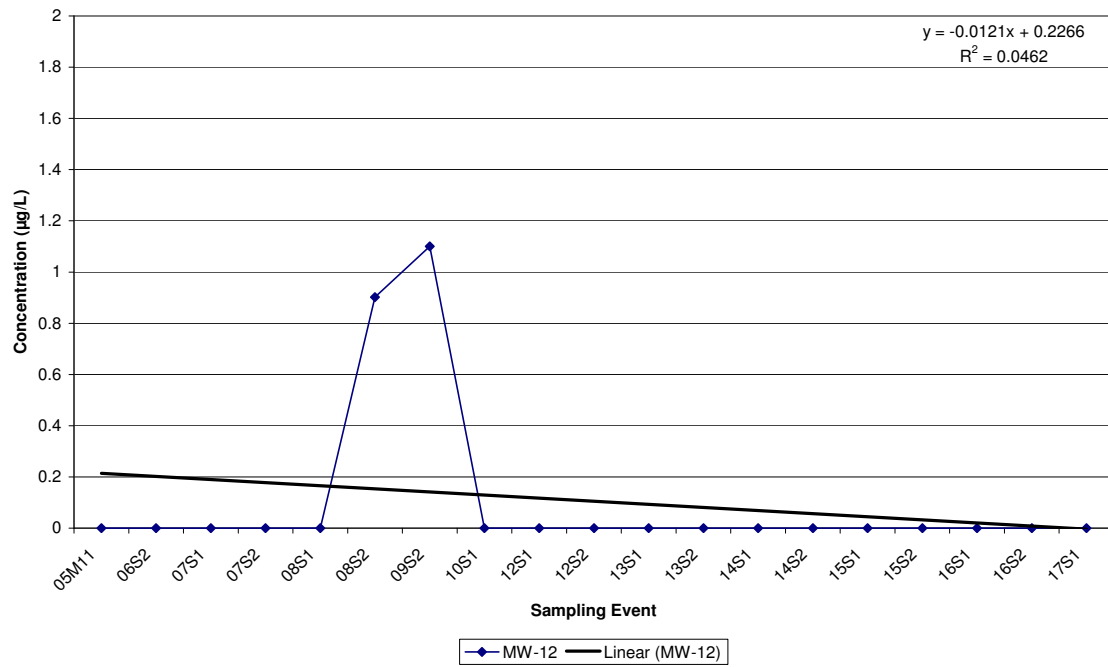
Citrus County Central Landfill
Historic Copper in MW-10



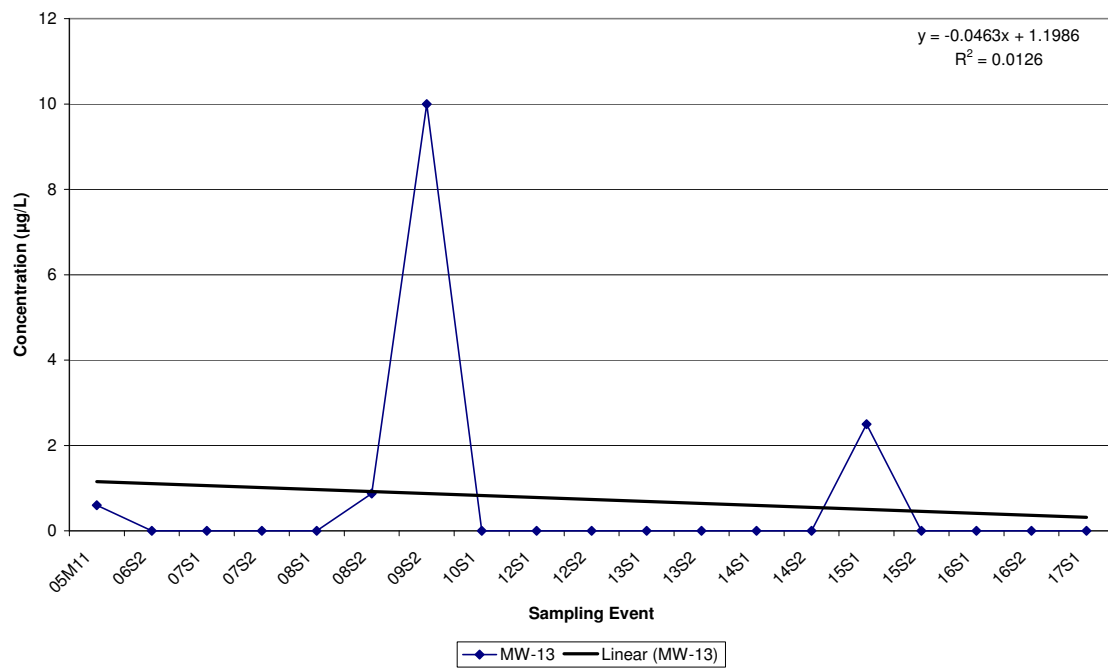
Citrus County Central Landfill
Historic Copper in MW-11



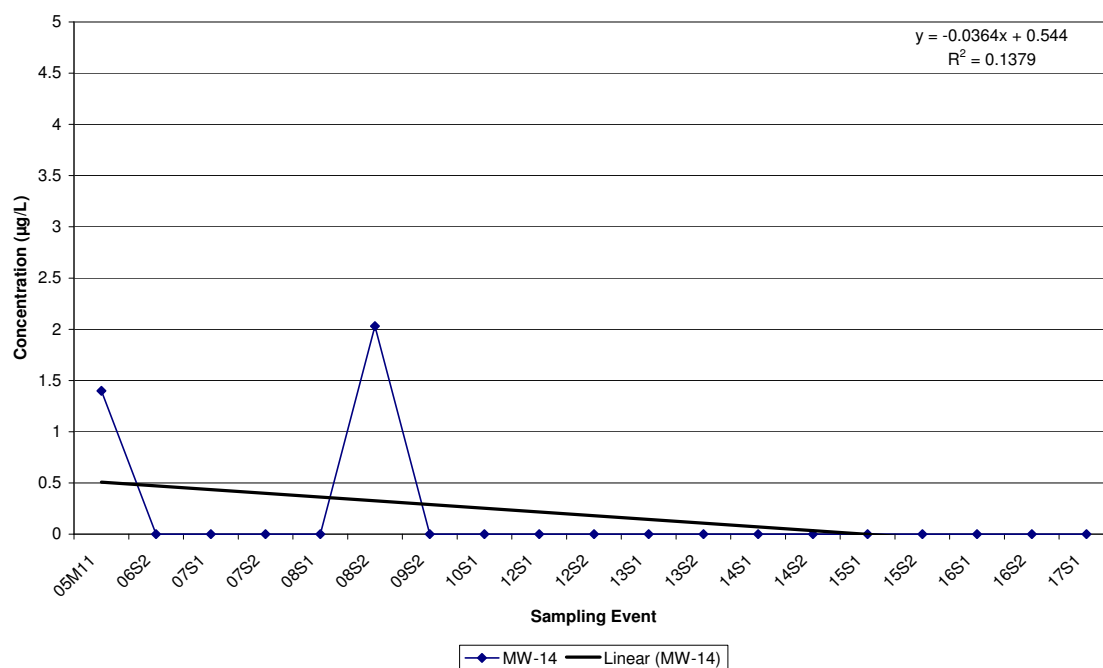
**Citrus County Central Landfill
Historic Copper in MW-12**



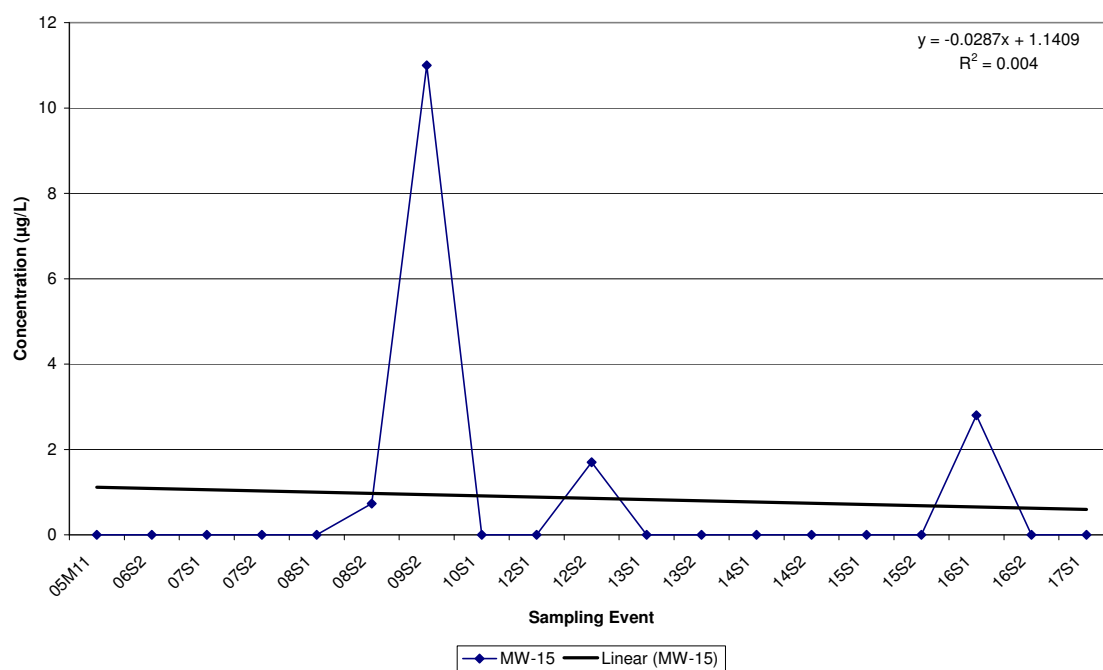
**Citrus County Central Landfill
Historic Copper in MW-13**



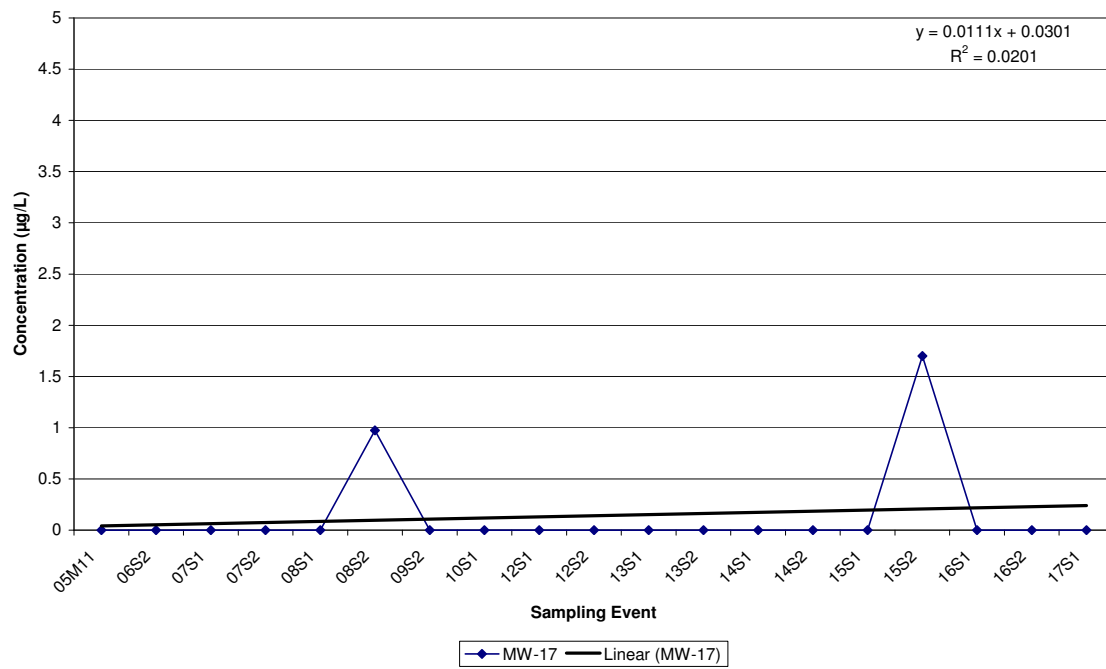
**Citrus County Central Landfill
Historic Copper in MW-14**



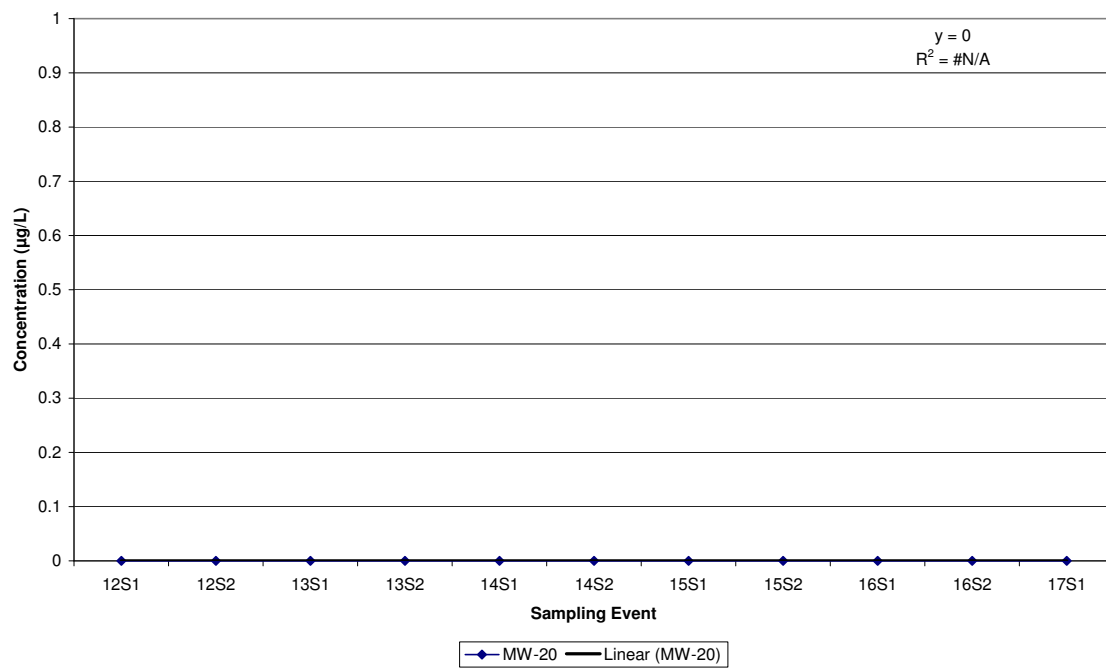
**Citrus County Central Landfill
Historic Copper in MW-15**



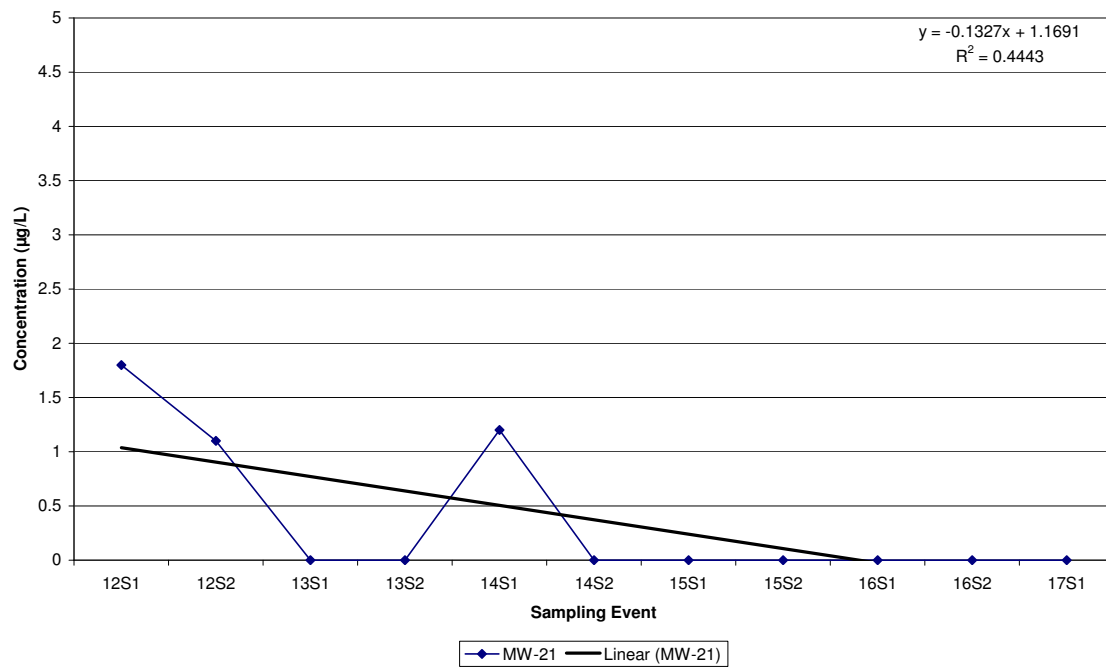
Citrus County Central Landfill
Historic Copper in MW-17



Citrus County Central Landfill
Historic Copper in MW-20

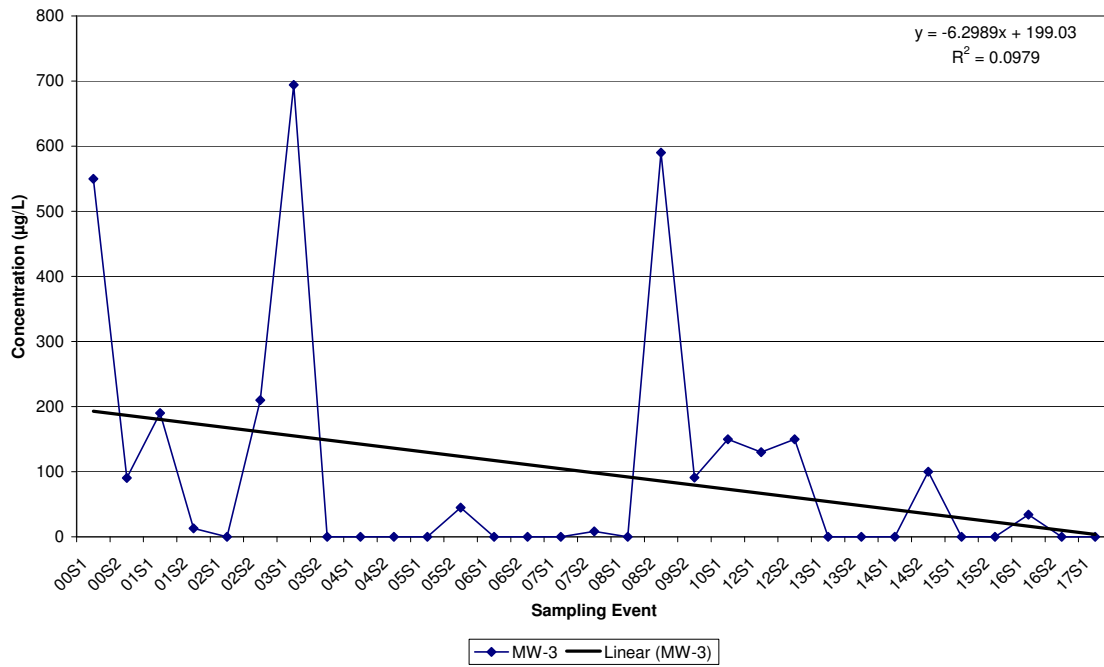


Citrus County Central Landfill
Historic Copper in MW-21

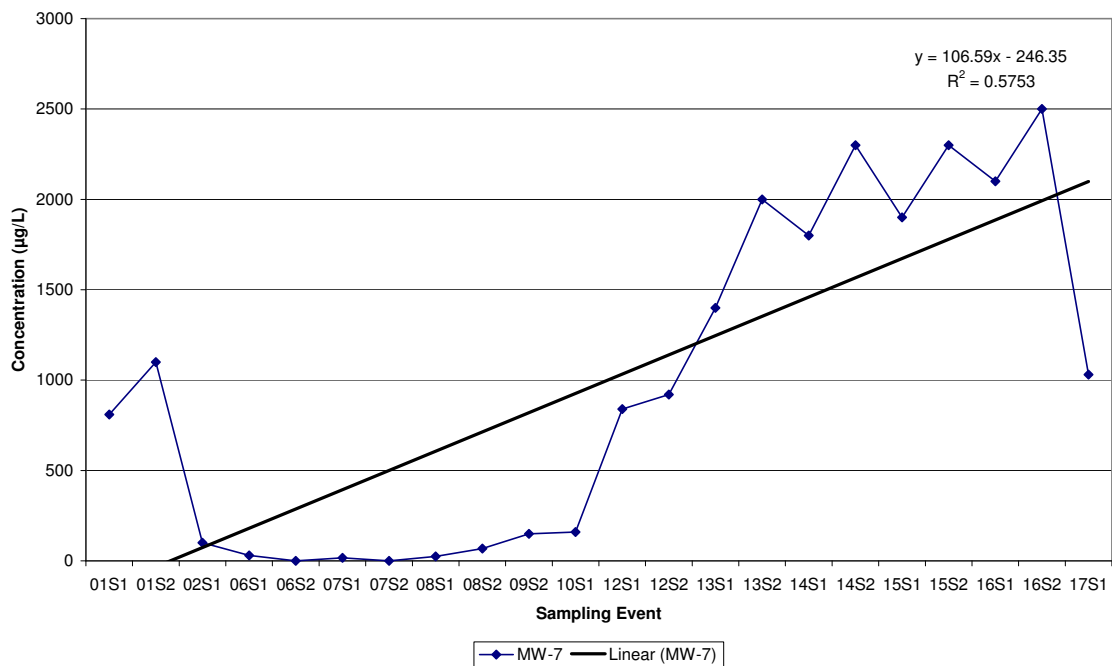


Citrus County Central Landfill
Historical Iron Data

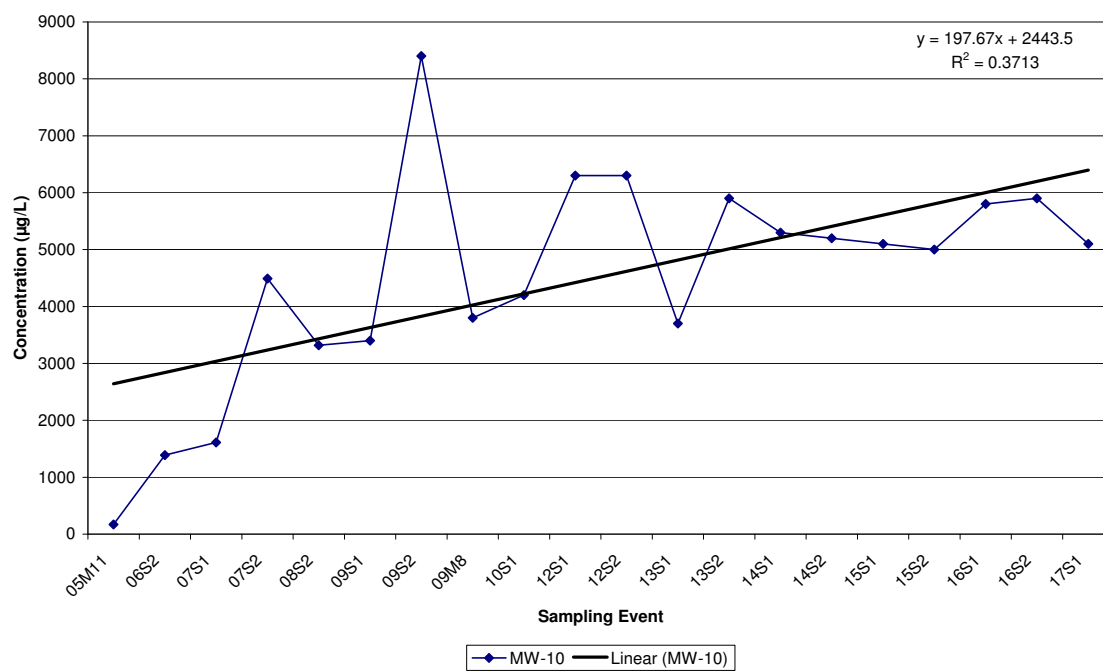
**Citrus County Central Landfill
Historic Iron in MW-3**



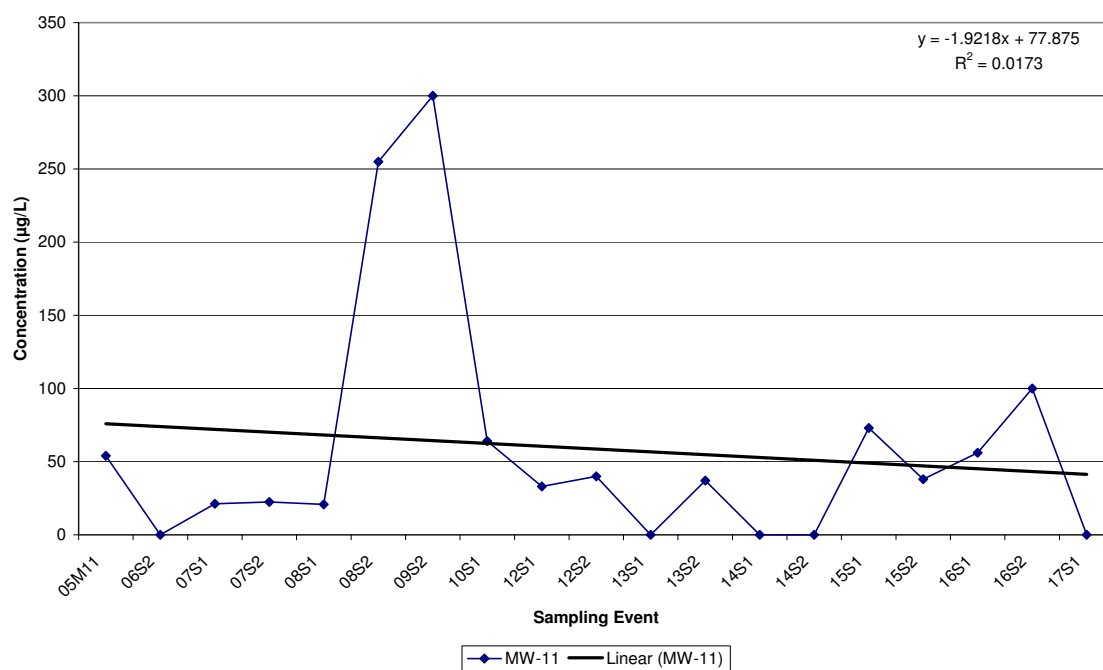
**Citrus County Central Landfill
Historic Iron in MW-7**



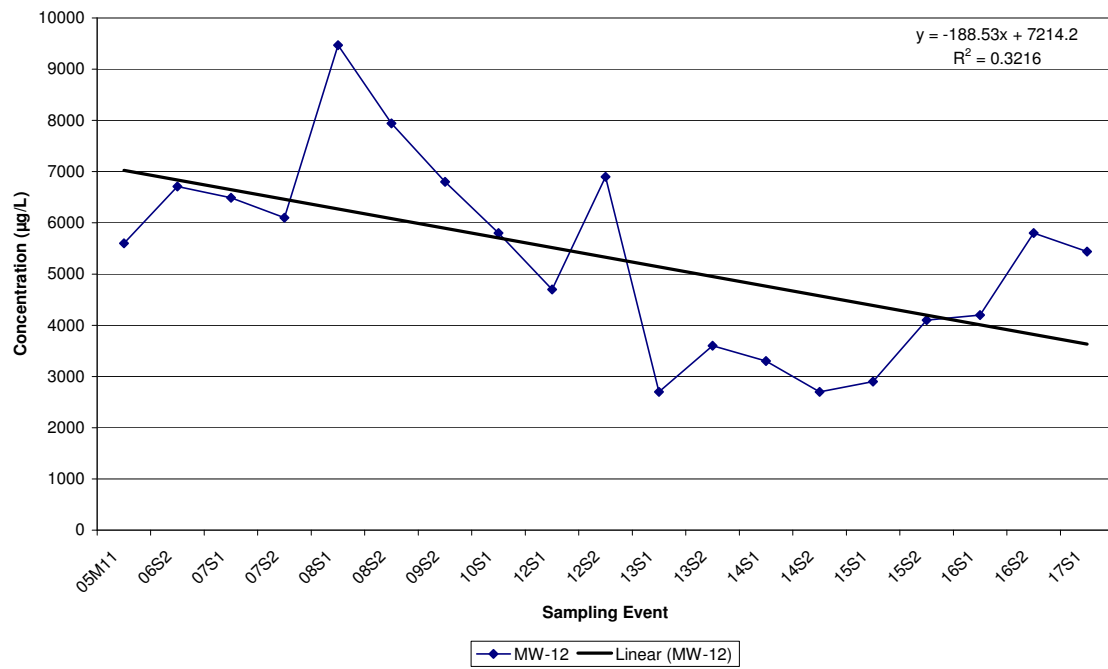
Citrus County Central Landfill Historic Iron in MW-10



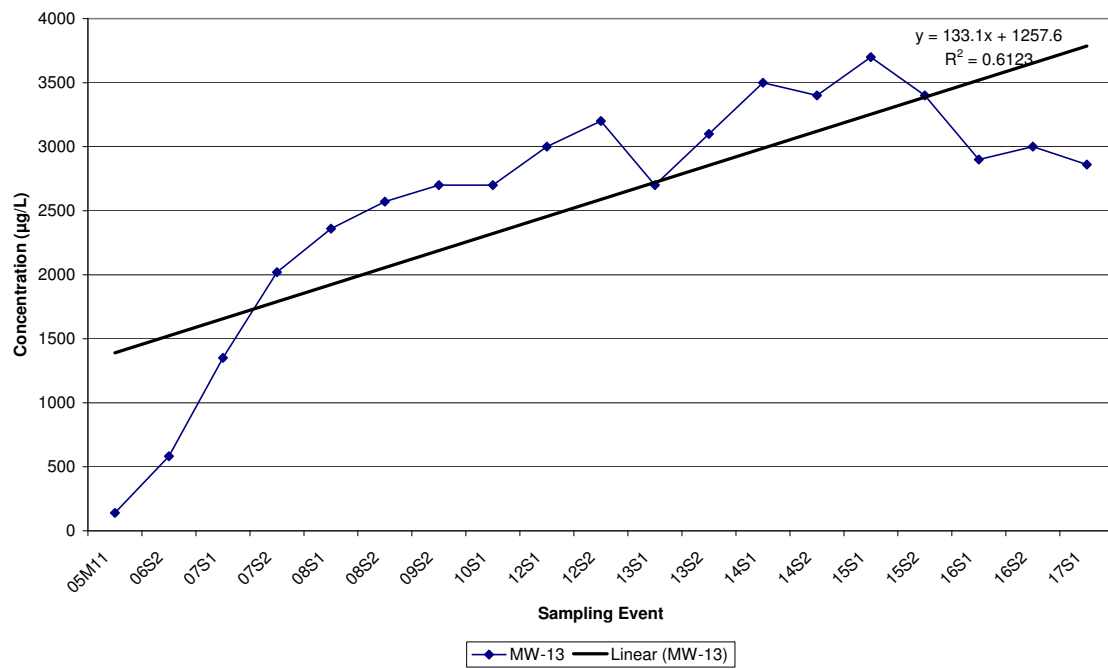
Citrus County Central Landfill Historic Iron in MW-11



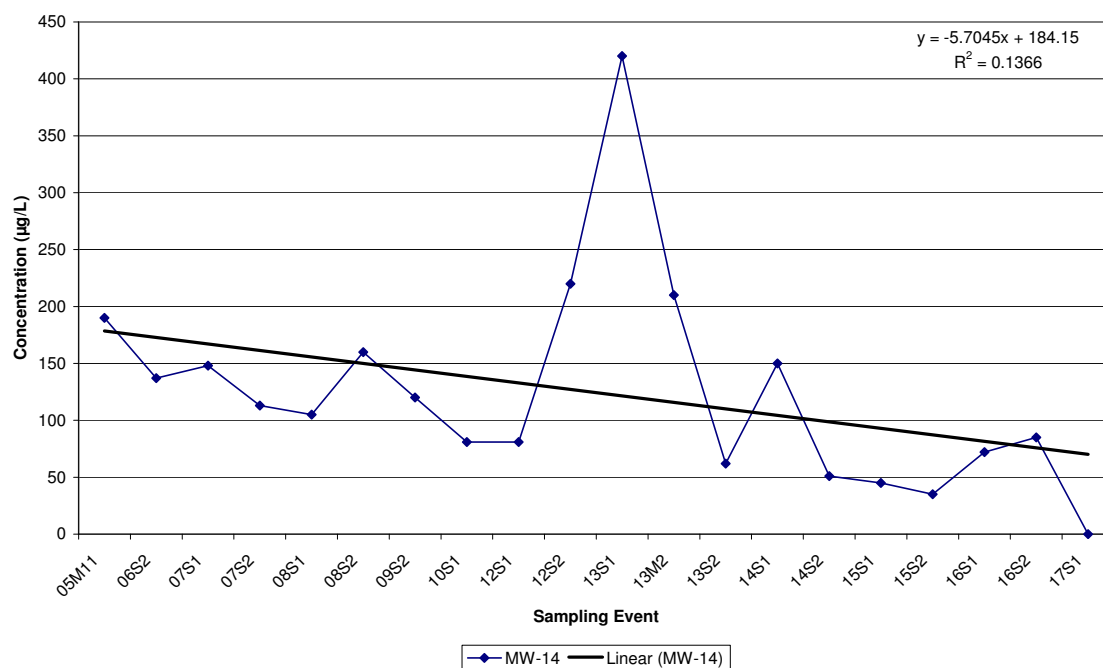
**Citrus County Central Landfill
Historic Iron in MW-12**



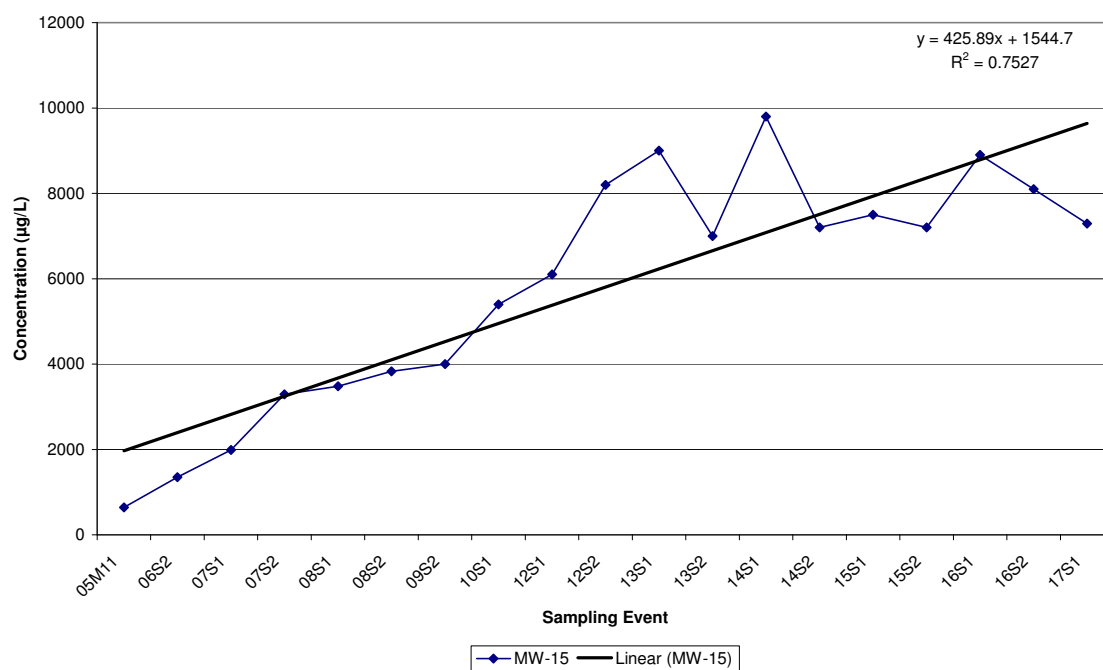
**Citrus County Central Landfill
Historic Iron in MW-13**



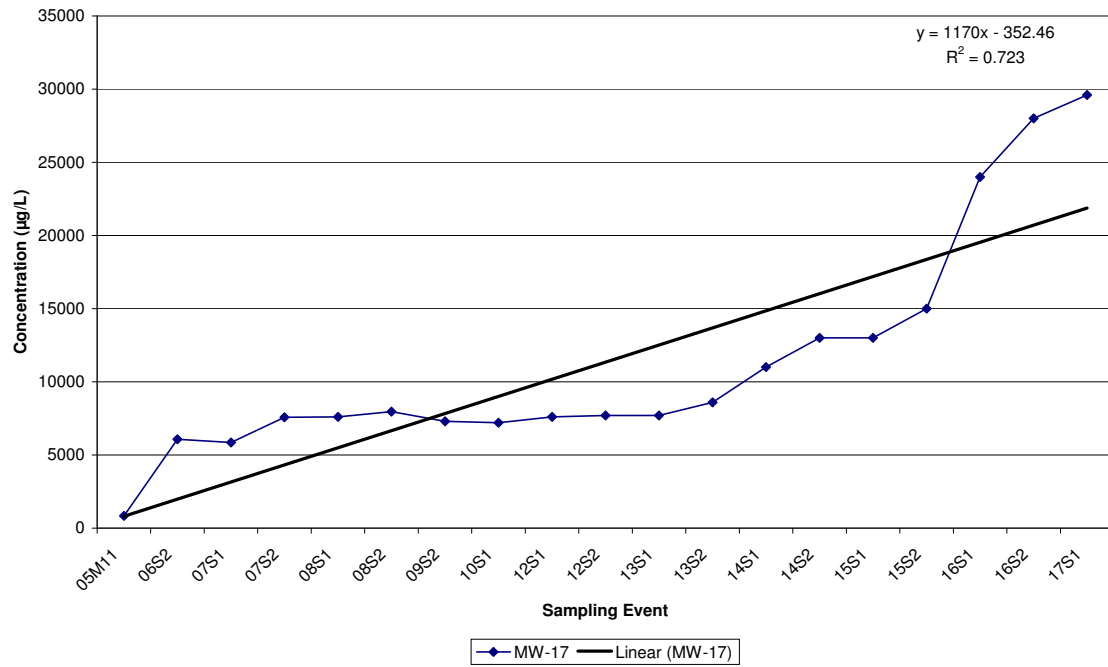
Citrus County Central Landfill Historic Iron in MW-14



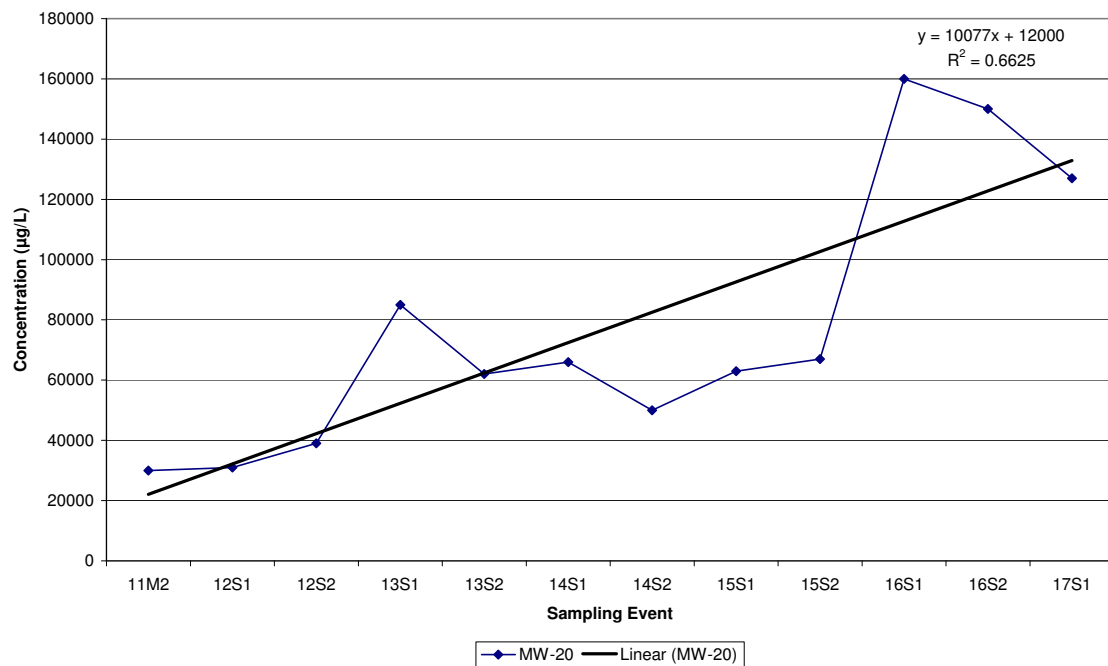
Citrus County Central Landfill Historic Iron in MW-15



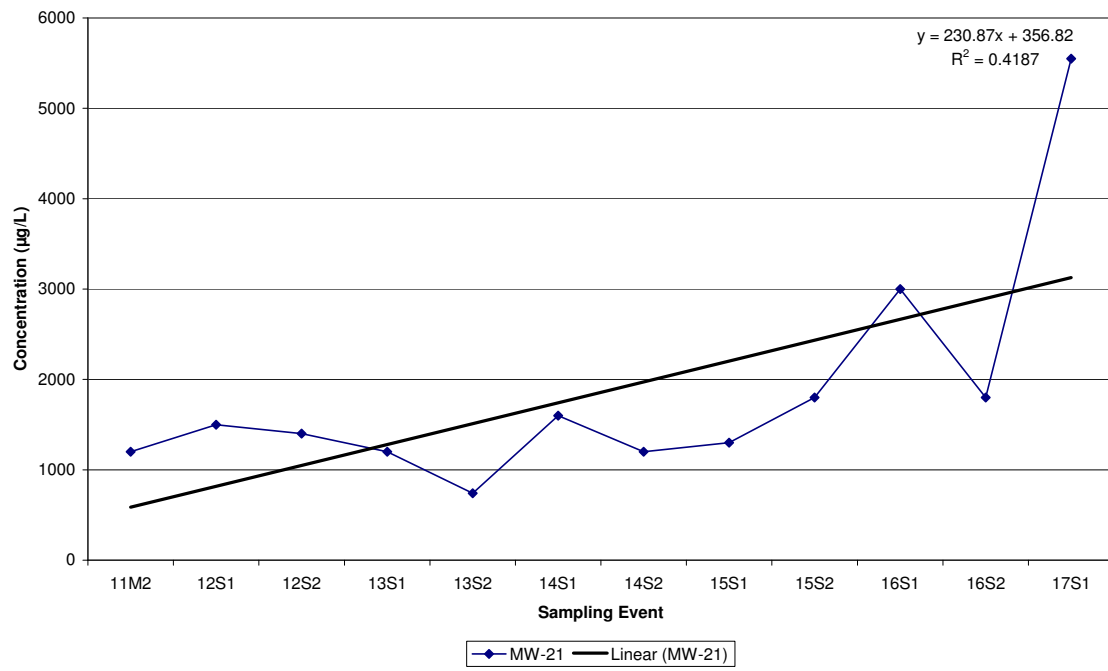
**Citrus County Central Landfill
Historic Iron in MW-17**



**Citrus County Central Landfill
Historic Iron in MW-20**

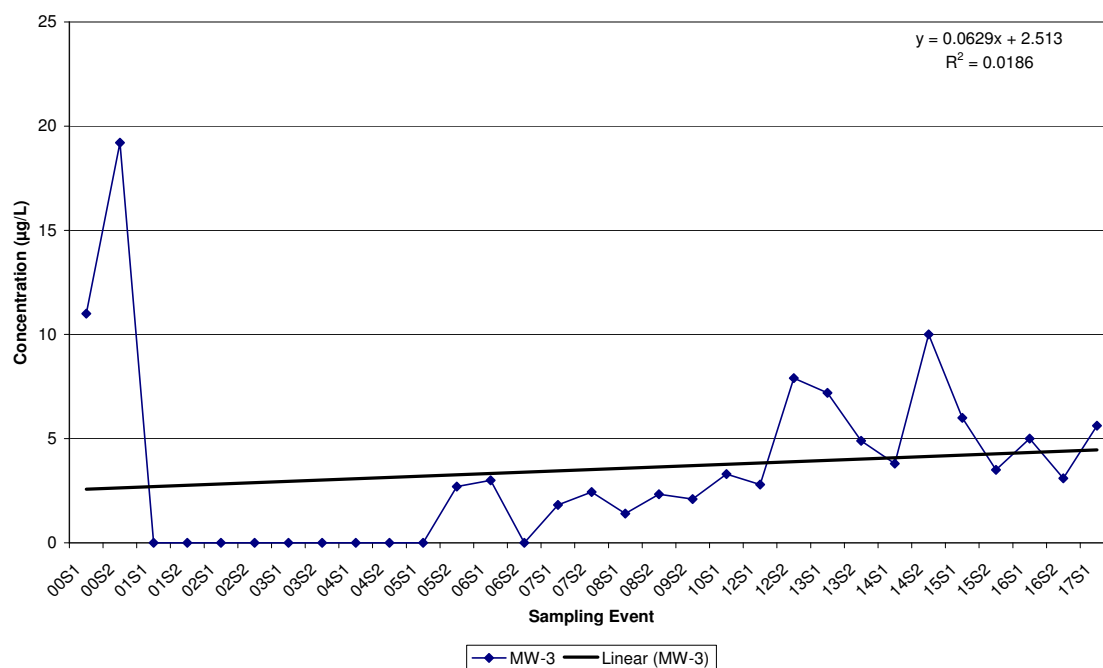


Citrus County Central Landfill
Historic Iron in MW-21

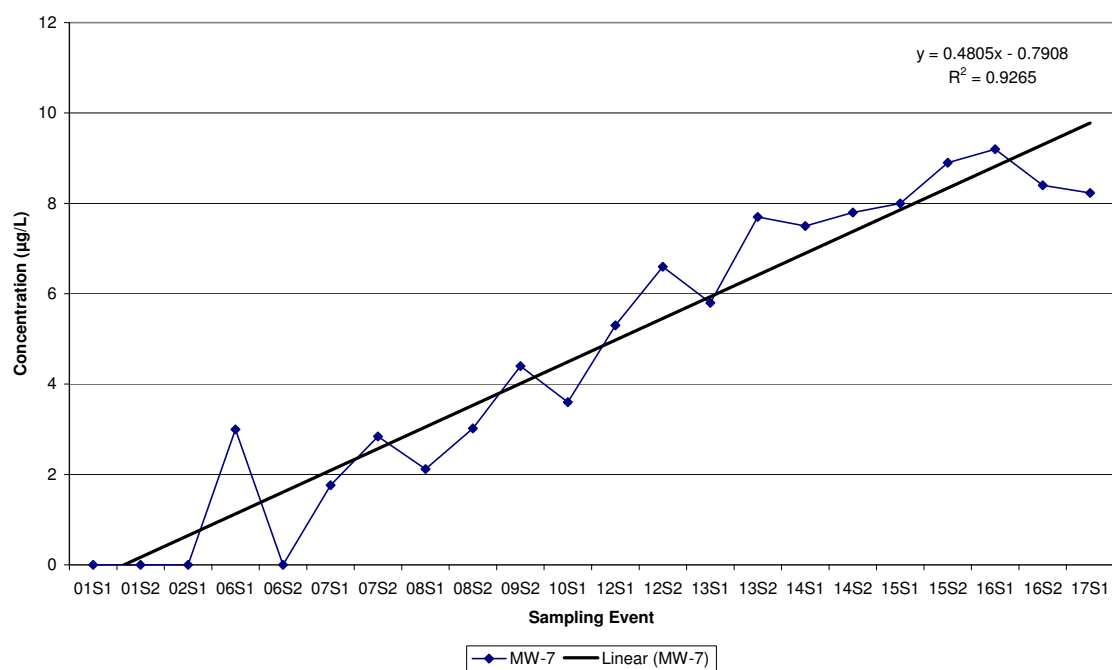


Citrus County Central Landfill
Historical Nickel Data

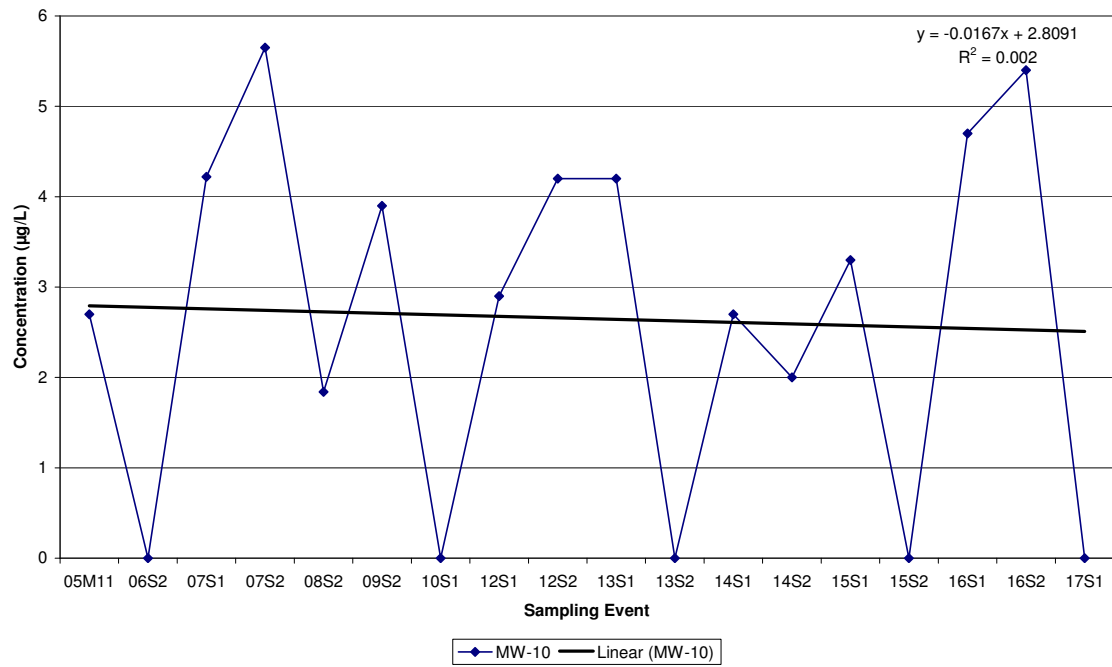
**Citrus County Central Landfill
Historic Nickel in MW-3**



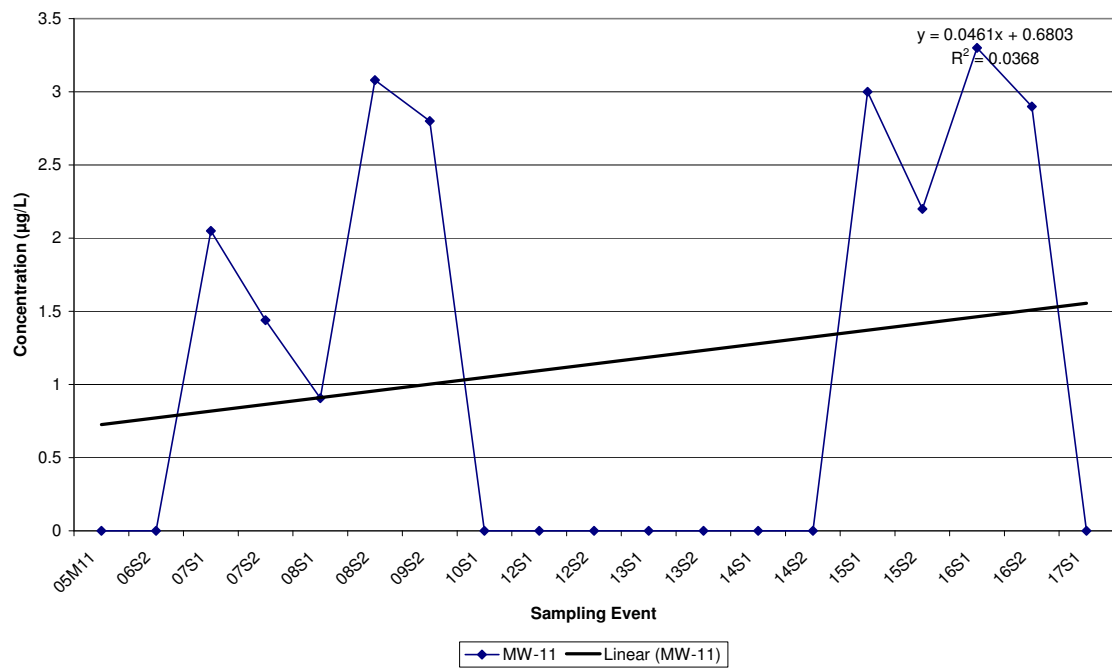
**Citrus County Central Landfill
Historic Nickel in MW-7**



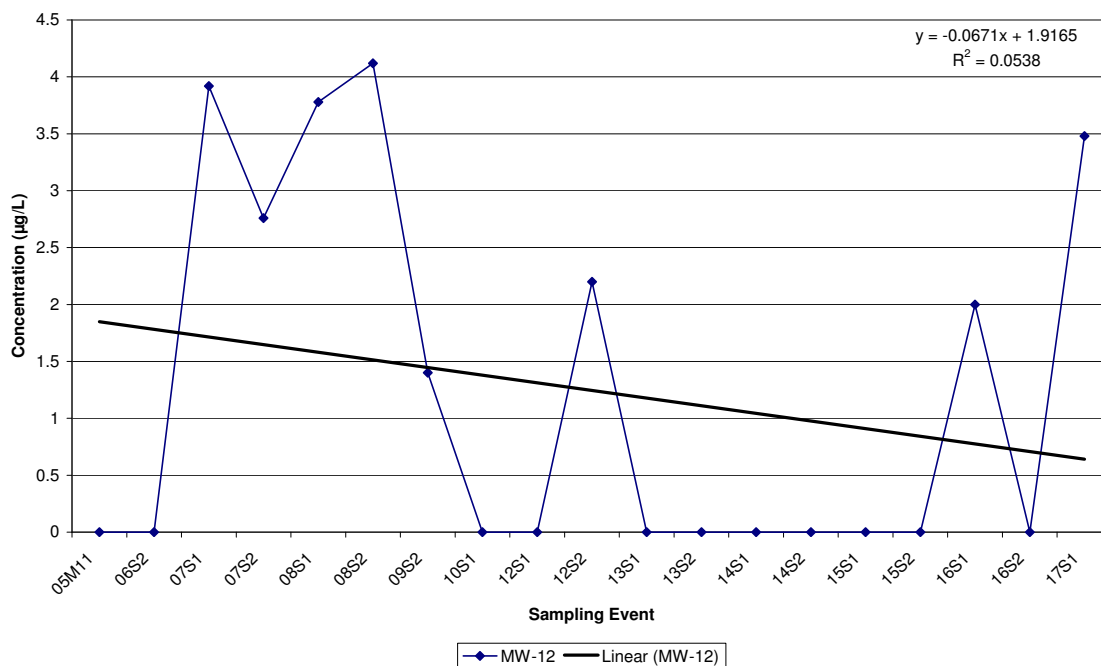
**Citrus County Central Landfill
Historic Nickel in MW-10**



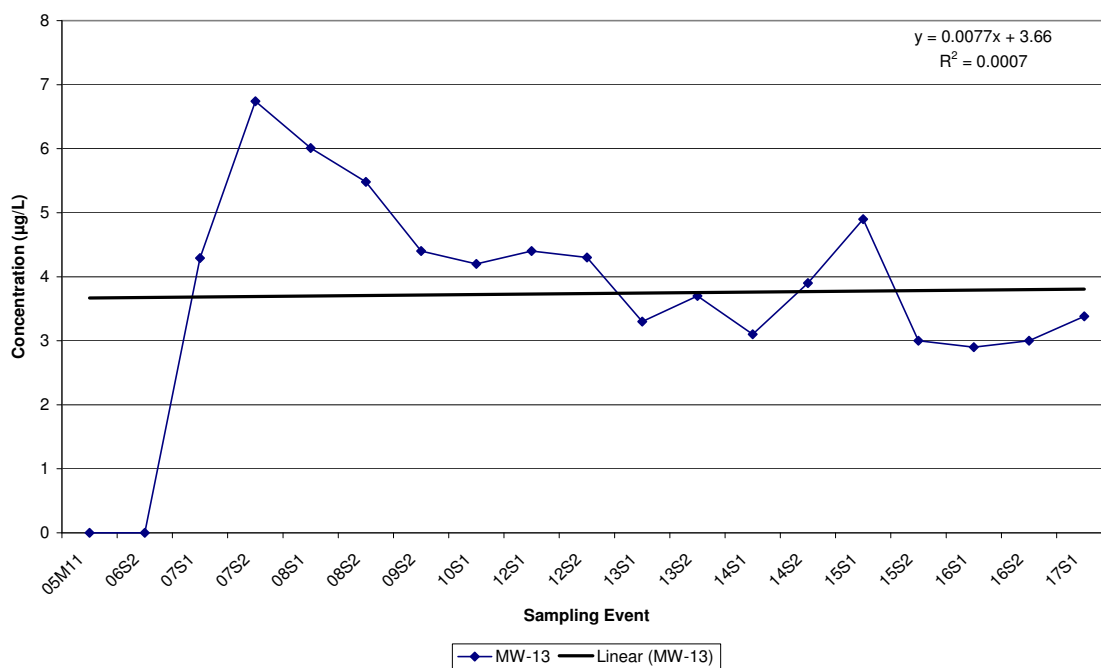
**Citrus County Central Landfill
Historic Nickel in MW-11**



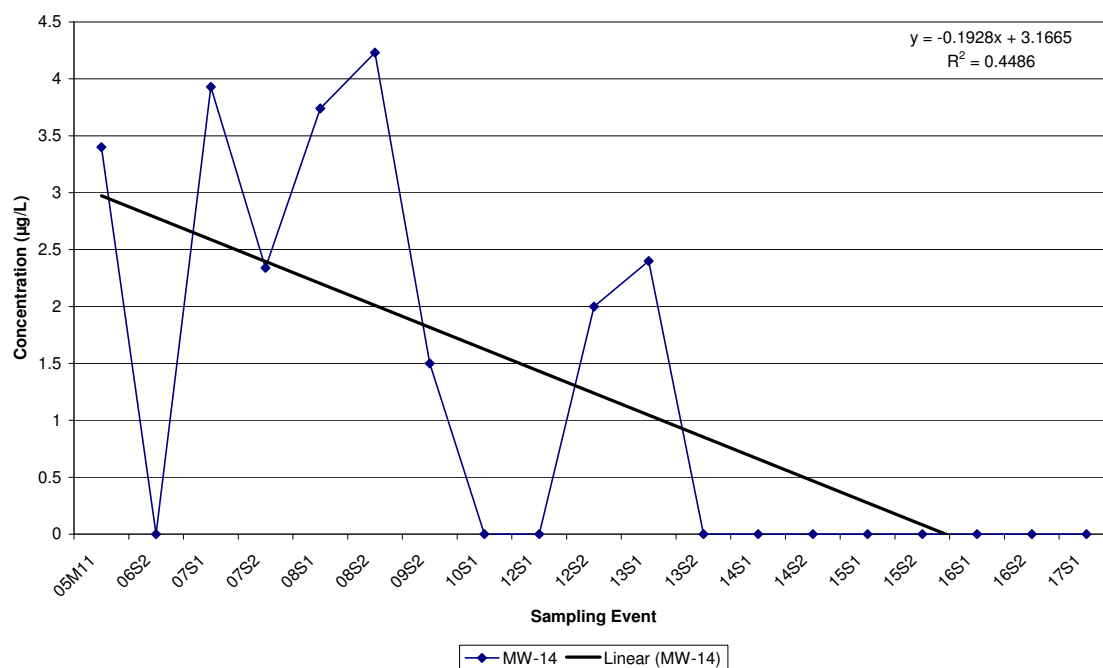
**Citrus County Central Landfill
Historic Nickel in MW-12**



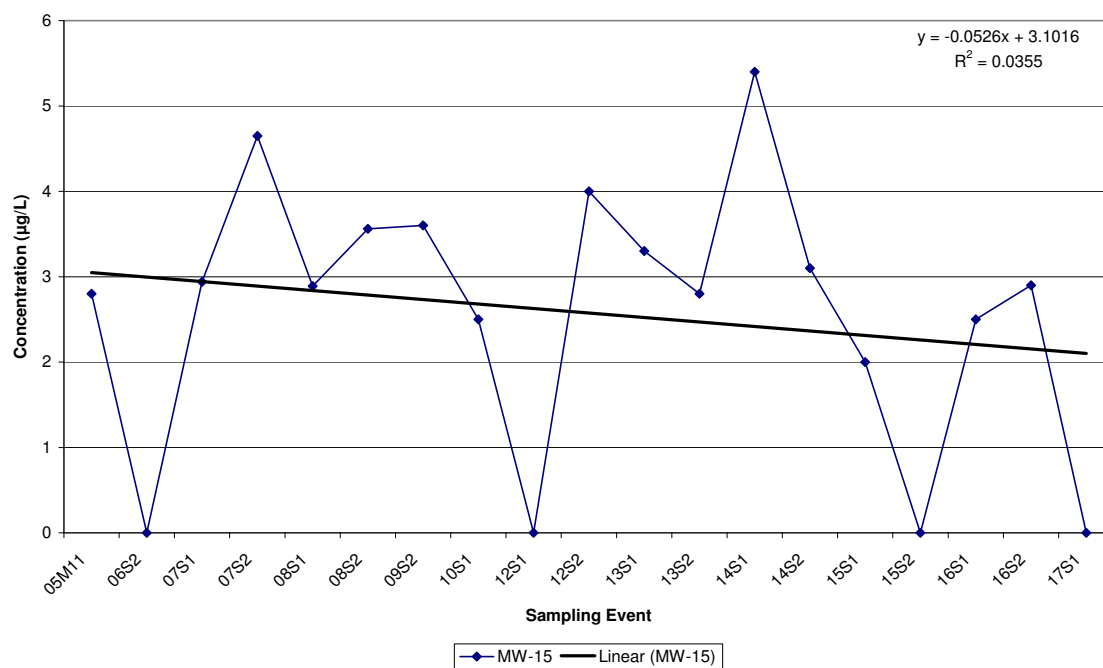
**Citrus County Central Landfill
Historic Nickel in MW-13**



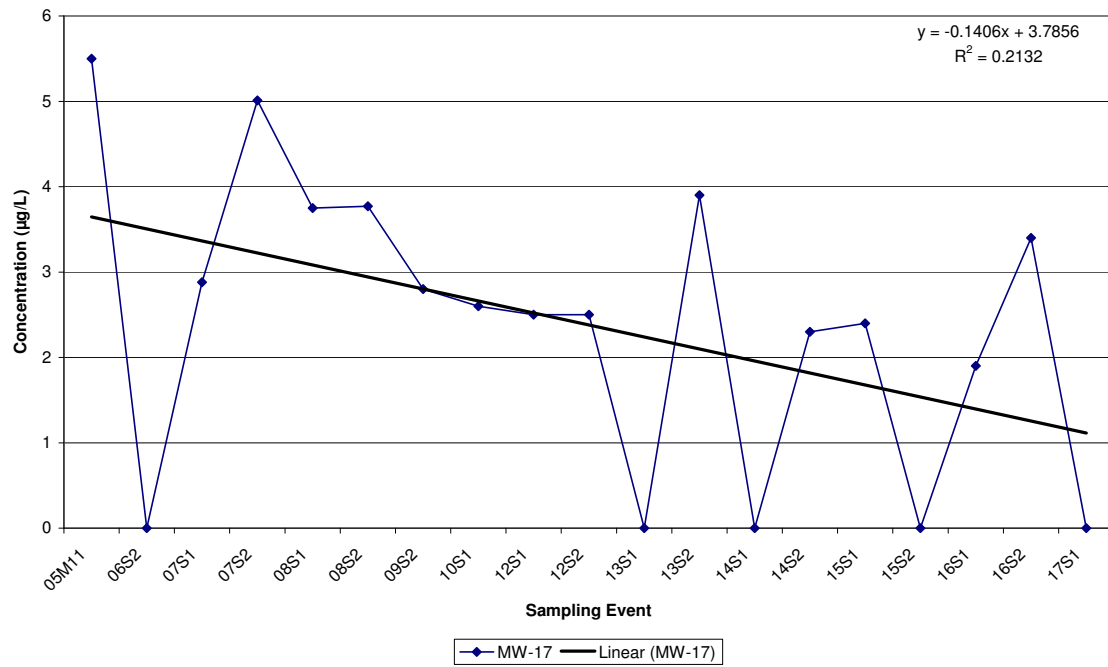
**Citrus County Central Landfill
Historic Nickel in MW-14**



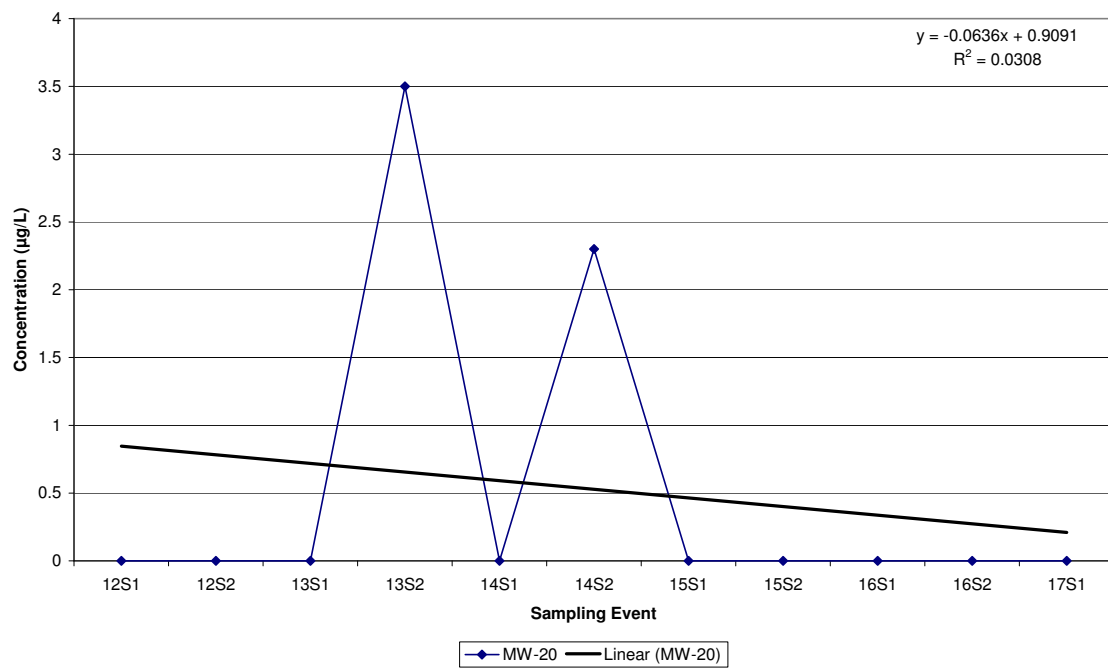
**Citrus County Central Landfill
Historic Nickel in MW-15**



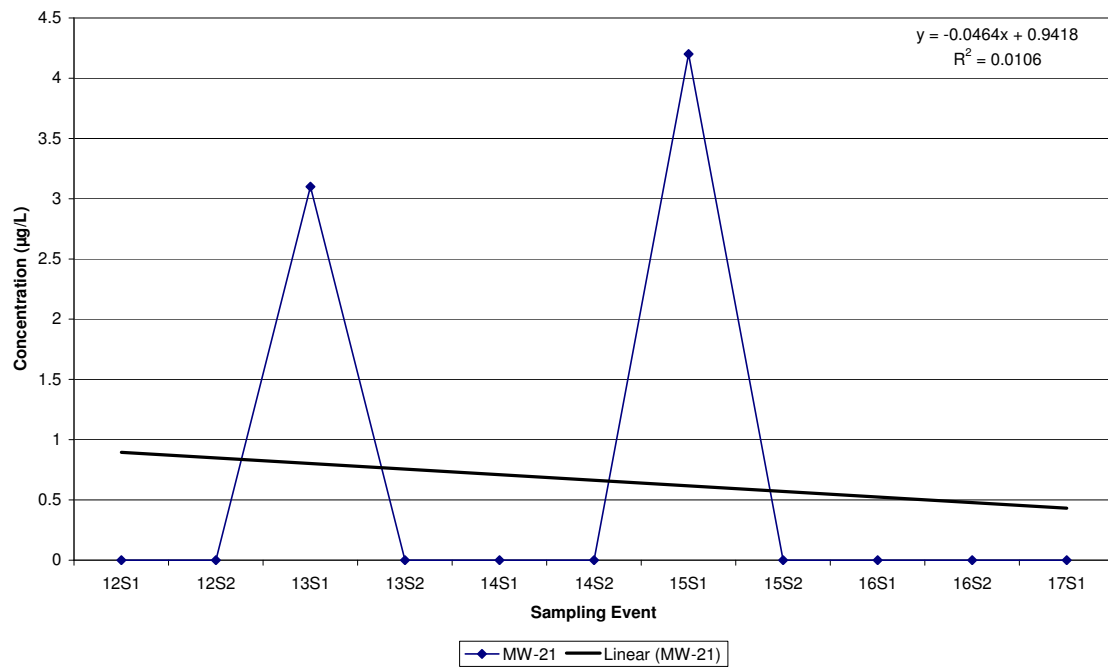
Citrus County Central Landfill
Historic Nickel in MW-17



Citrus County Central Landfill
Historic Nickel in MW-20

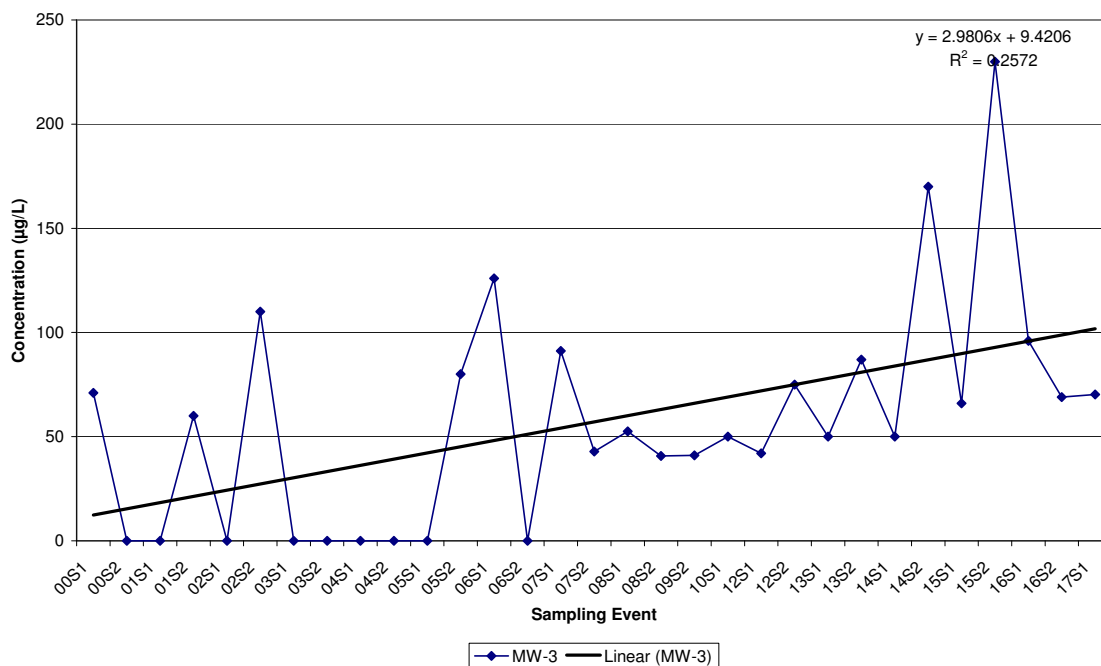


Citrus County Central Landfill
Historic Nickel in MW-21

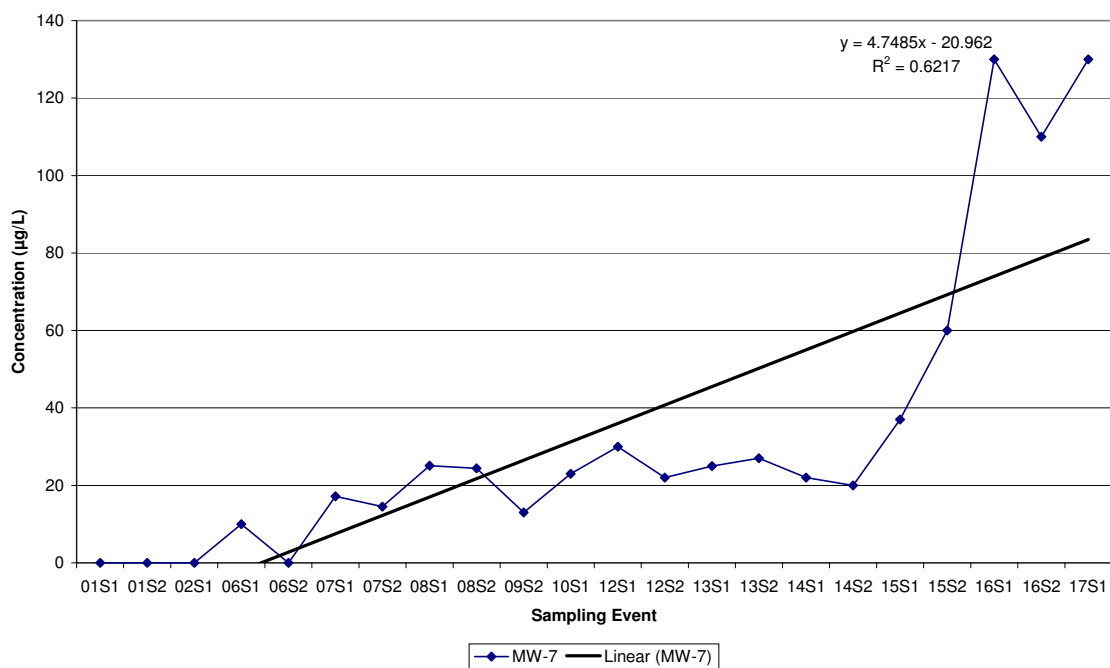


Citrus County Central Landfill
Historical Zinc Data

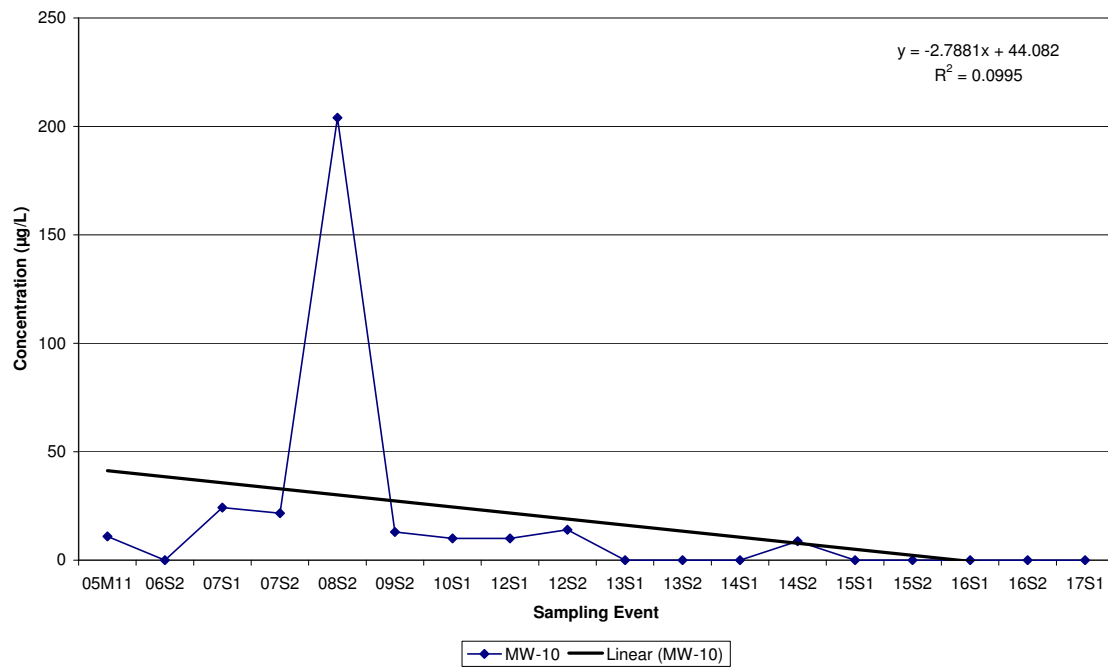
**Citrus County Central Landfill
Historic Zinc in MW-3**



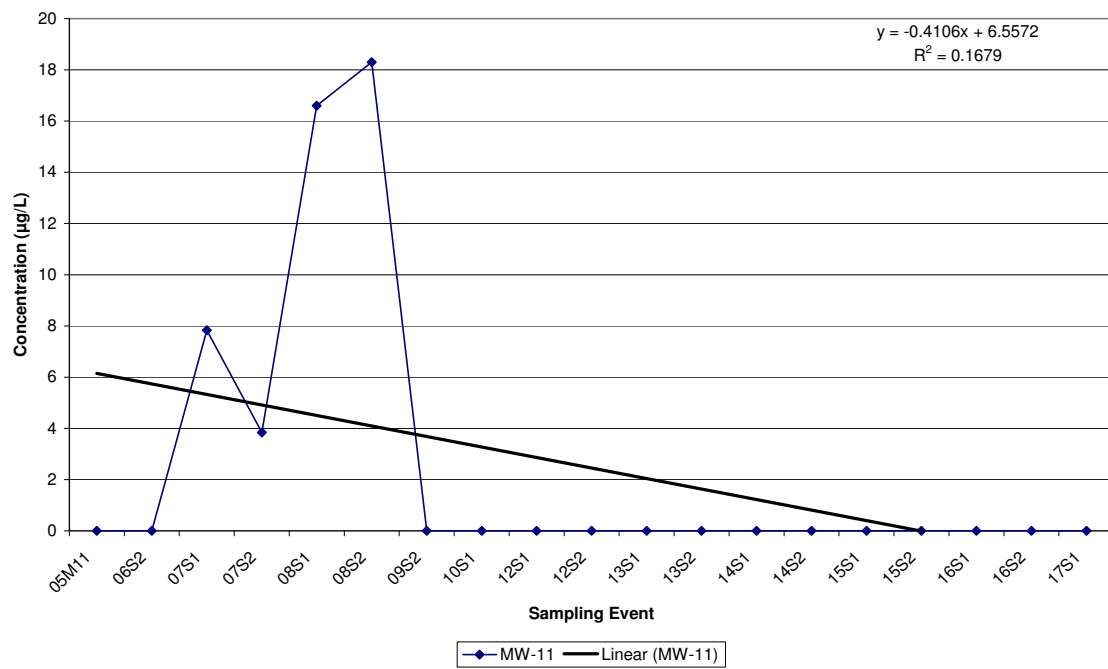
**Citrus County Central Landfill
Historic Zinc in MW-7**



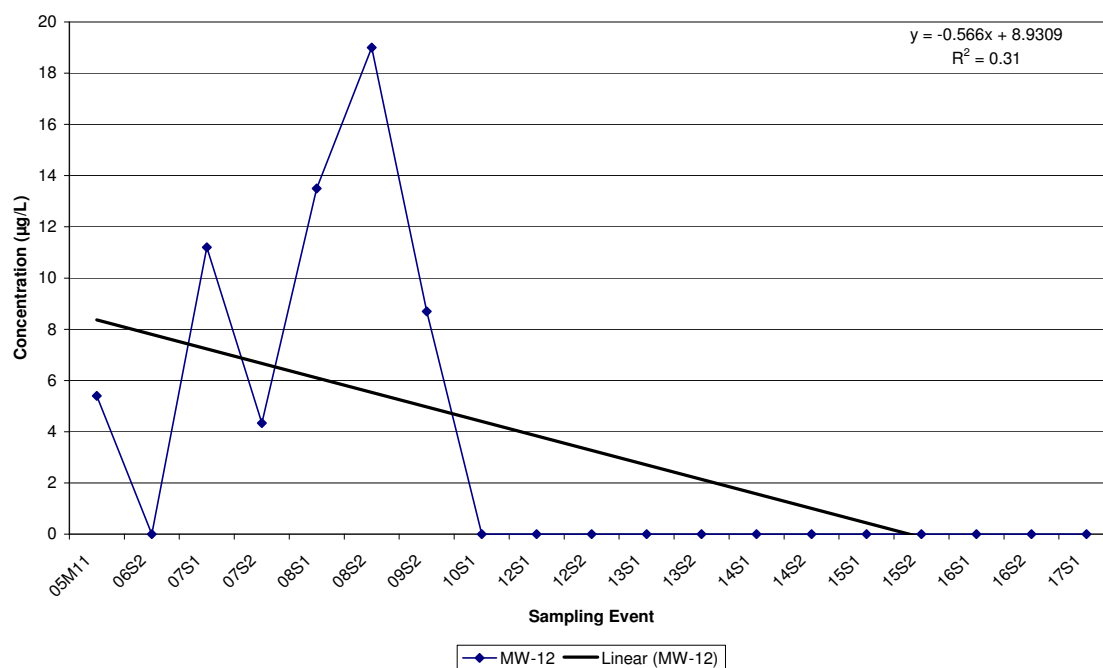
**Citrus County Central Landfill
Historic Zinc in MW-10**



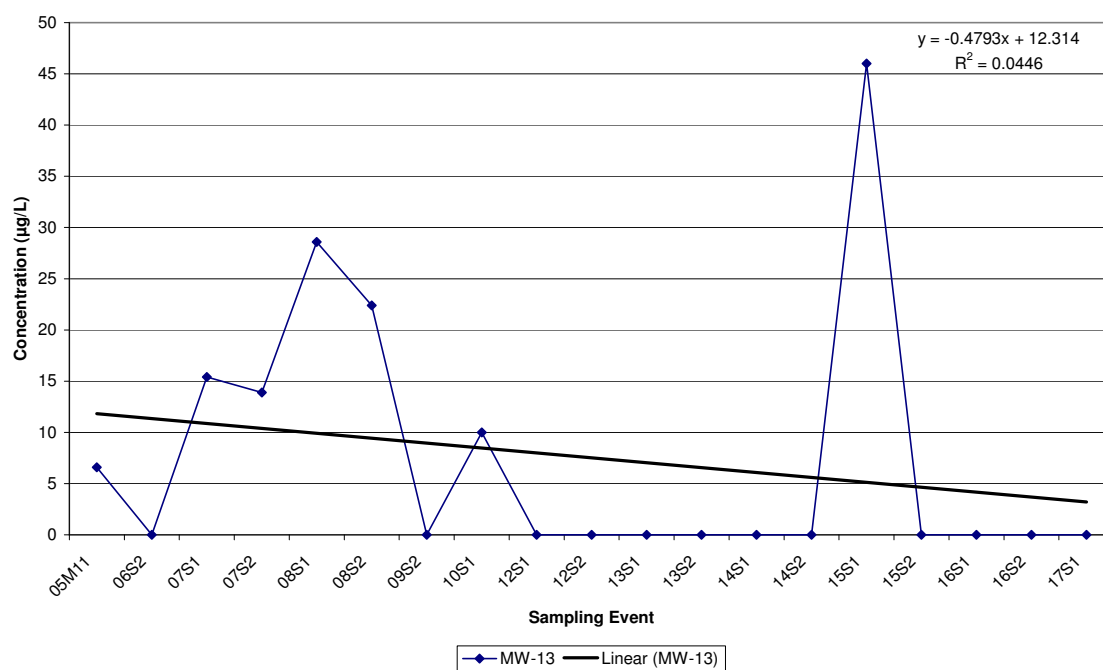
**Citrus County Central Landfill
Historic Zinc in MW-11**



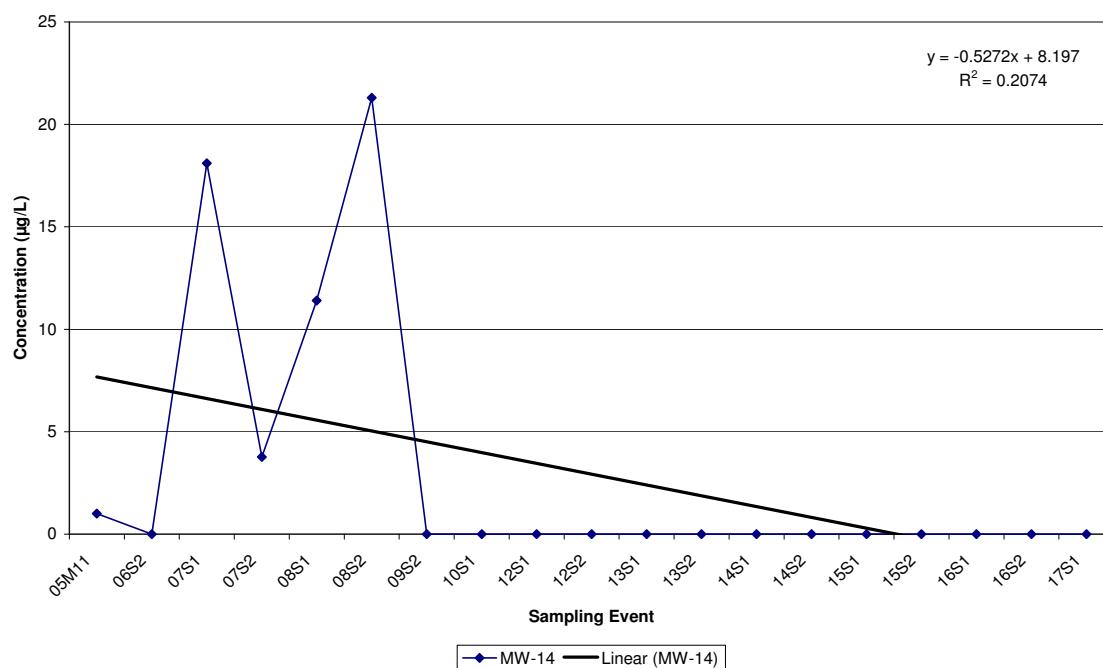
**Citrus County Central Landfill
Historic Zinc in MW-12**



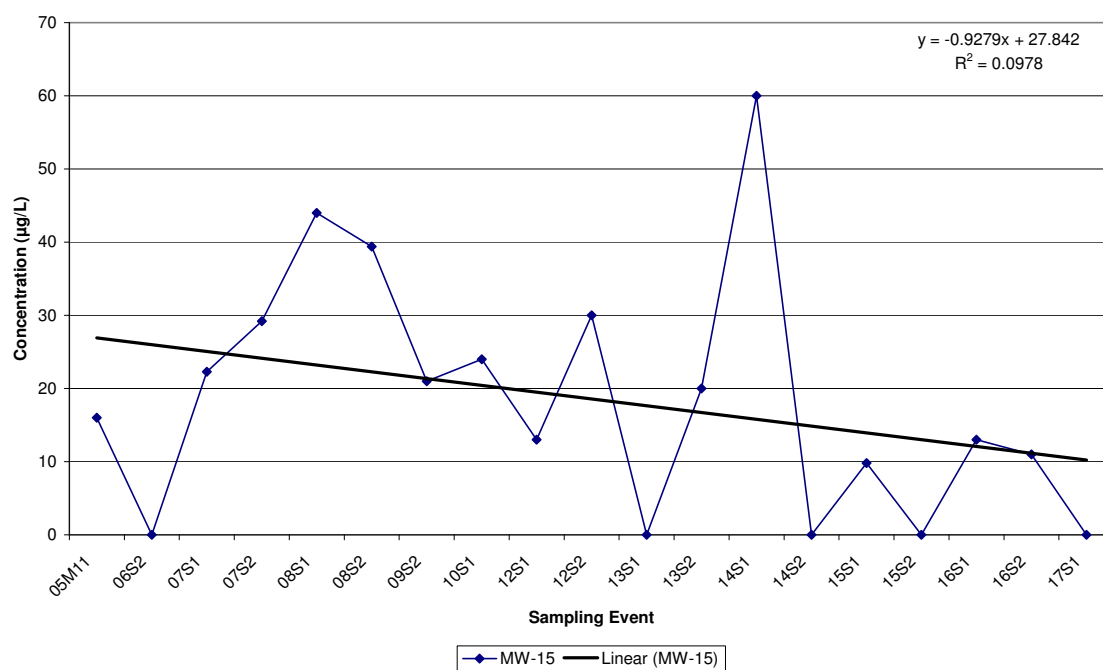
**Citrus County Central Landfill
Historic Zinc in MW-13**



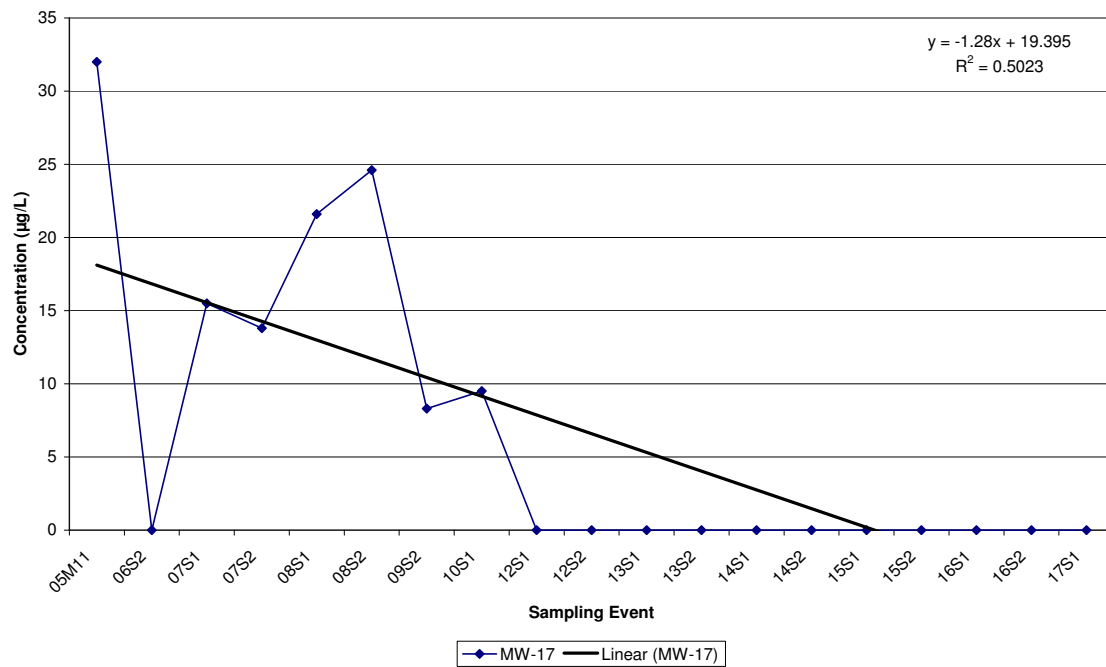
**Citrus County Central Landfill
Historic Zinc in MW-14**



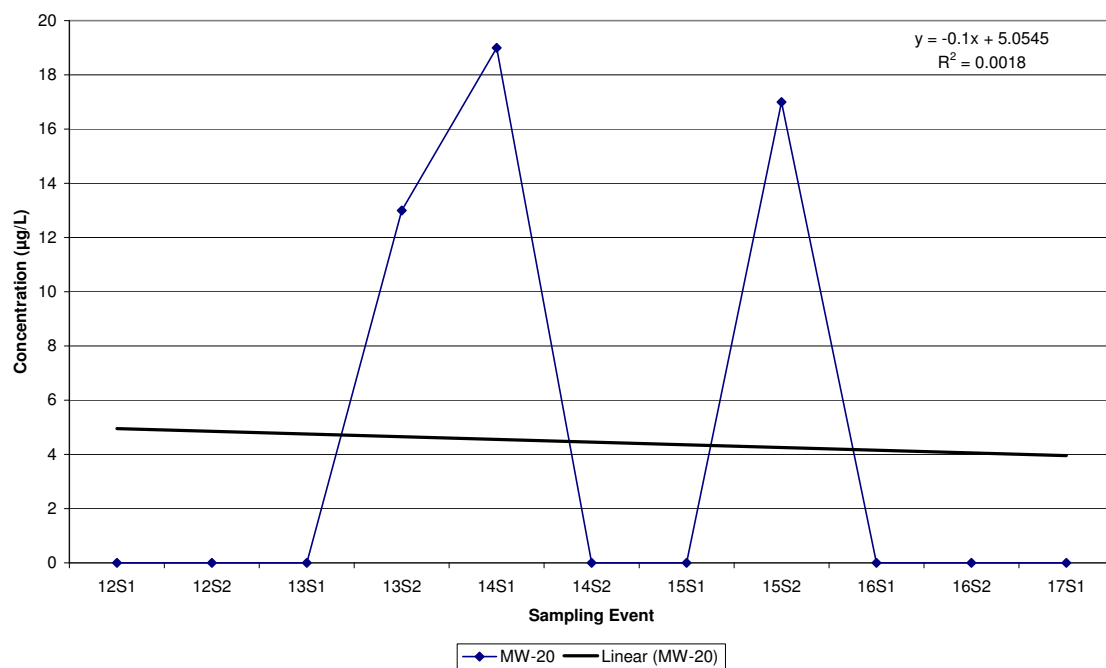
**Citrus County Central Landfill
Historic Zinc in MW-15**



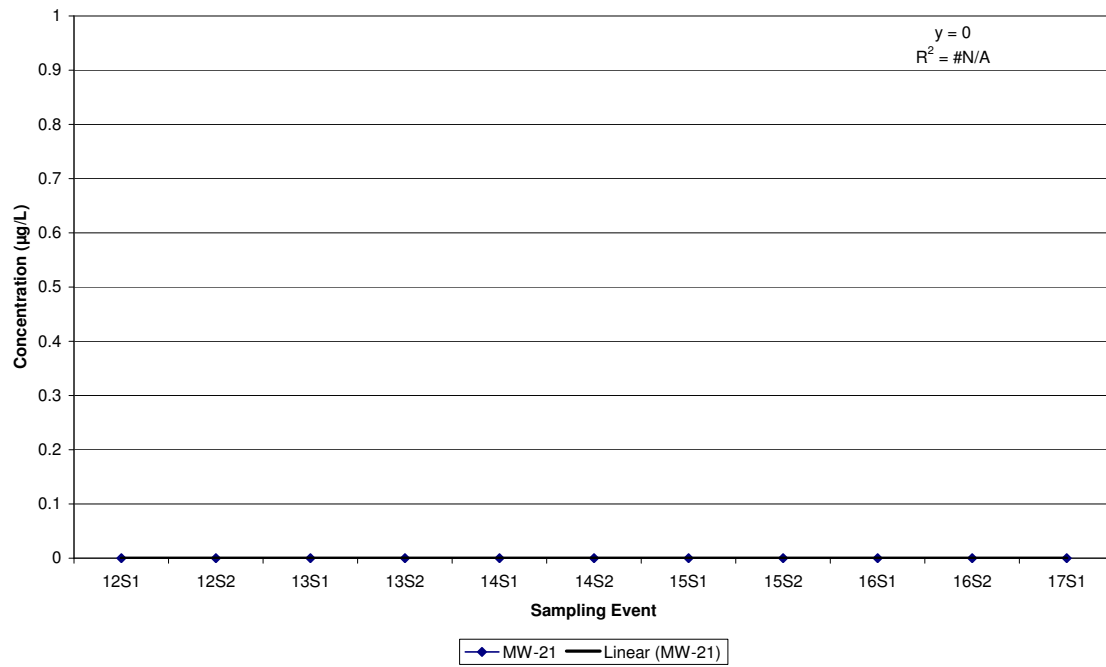
Citrus County Central Landfill
Historic Zinc in MW-17



Citrus County Central Landfill
Historic Zinc in MW-20

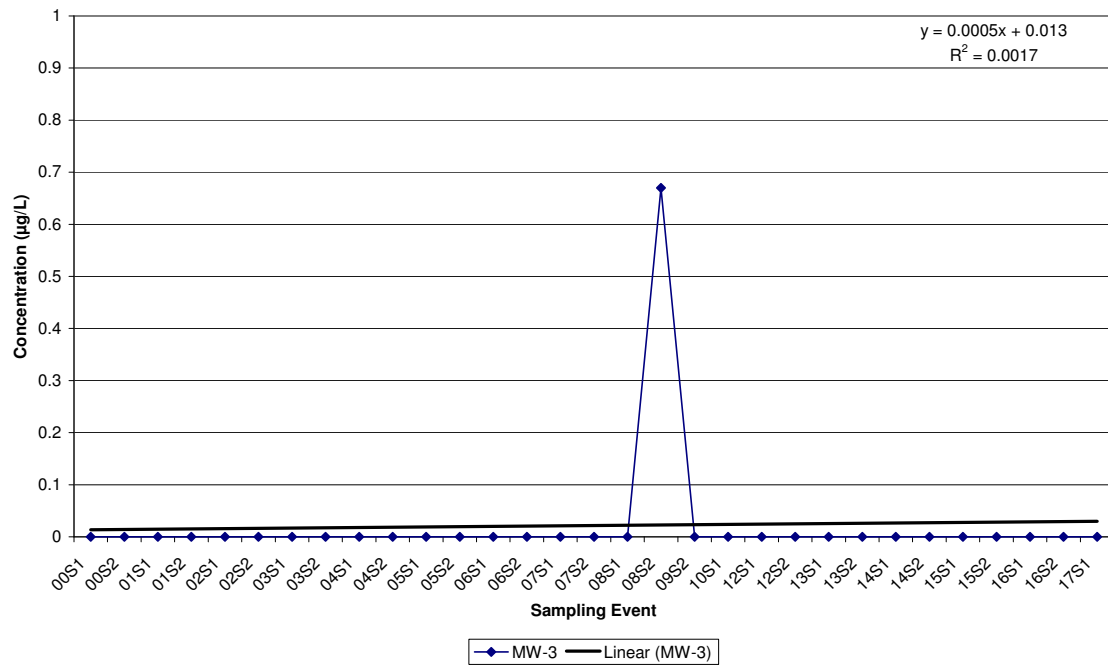


Citrus County Central Landfill
Historic Zinc in MW-21

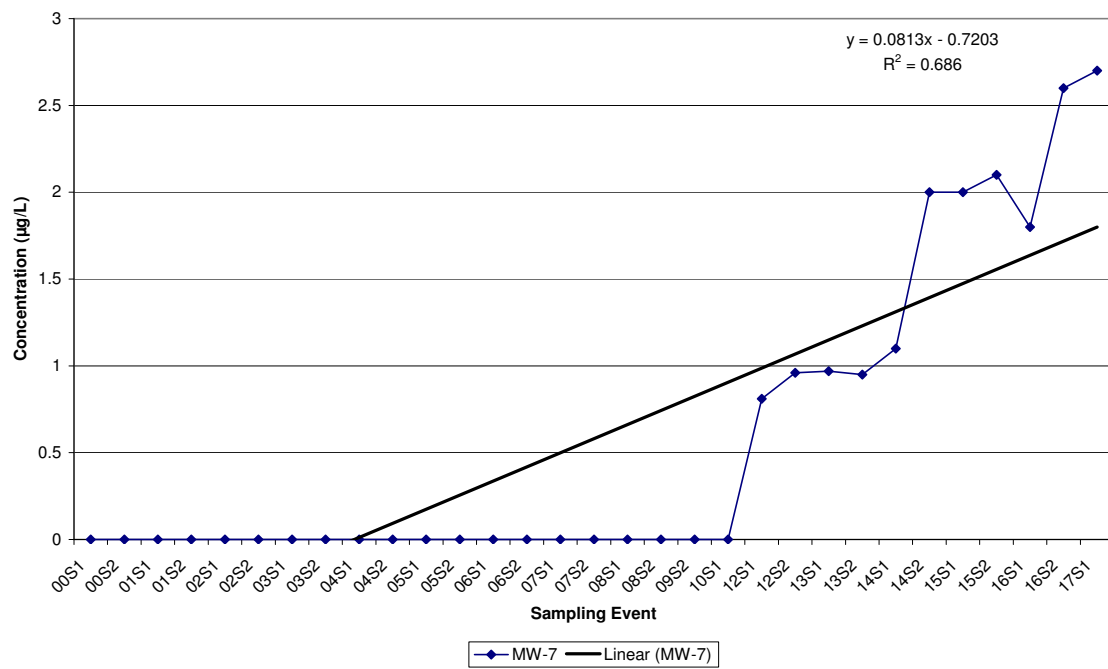


Citrus County Central Landfill
Historical Benzene Data

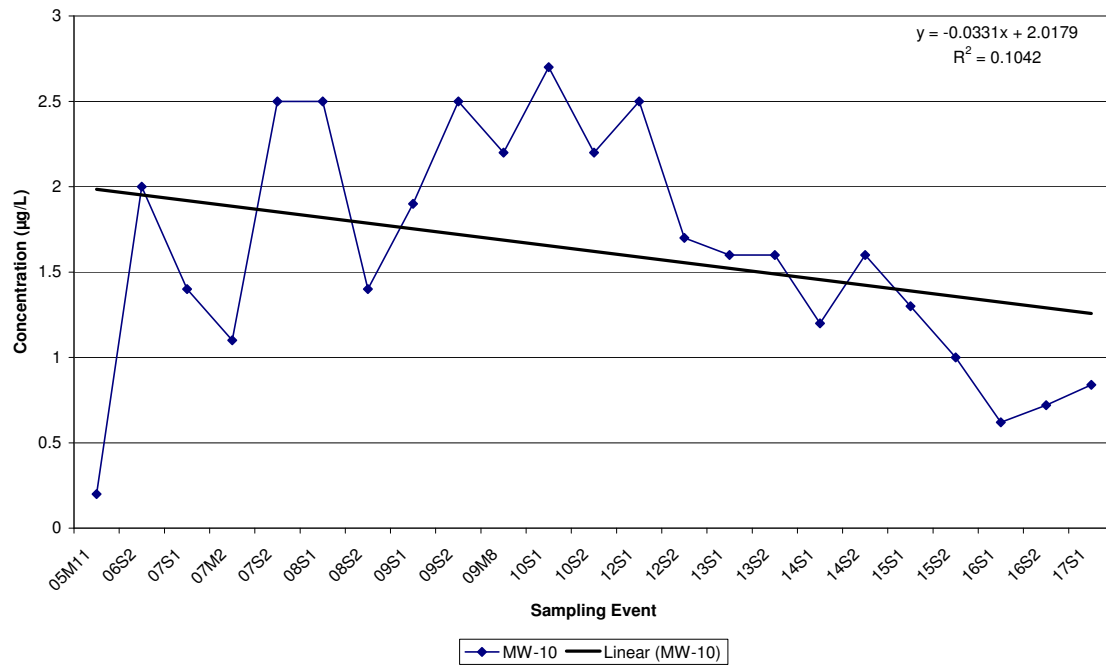
**Citrus County Central Landfill
Historic Benzene in MW-3**



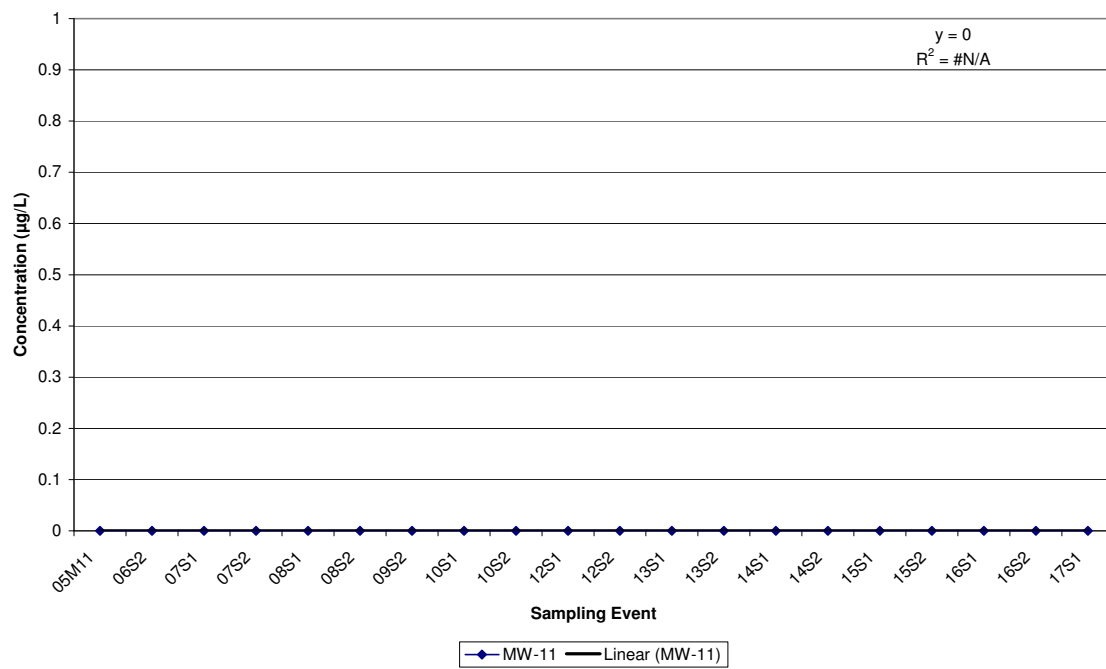
**Citrus County Central Landfill
Historic Benzene in MW-7**



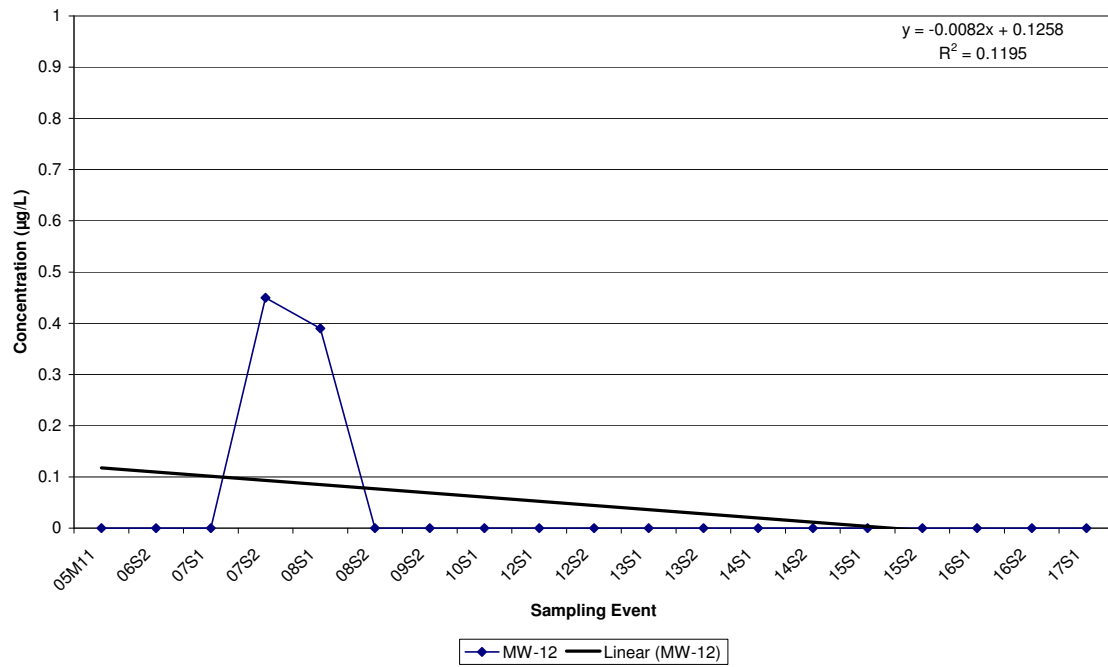
Citrus County Central Landfill
Historic Benzene in MW-10



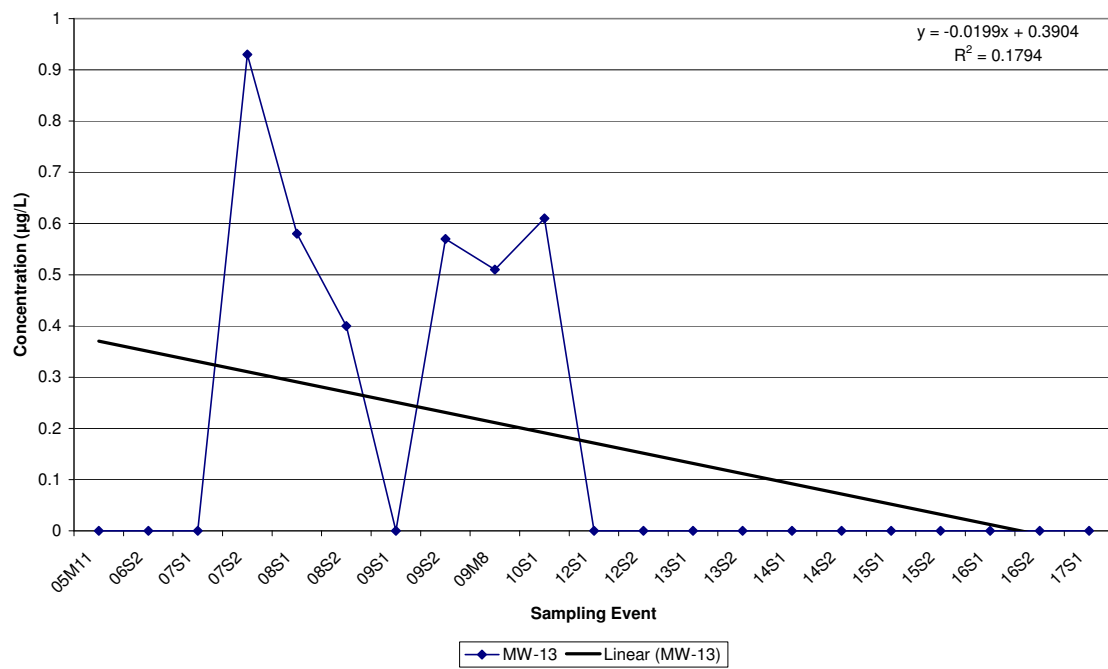
Citrus County Central Landfill
Historic Benzene in MW-11



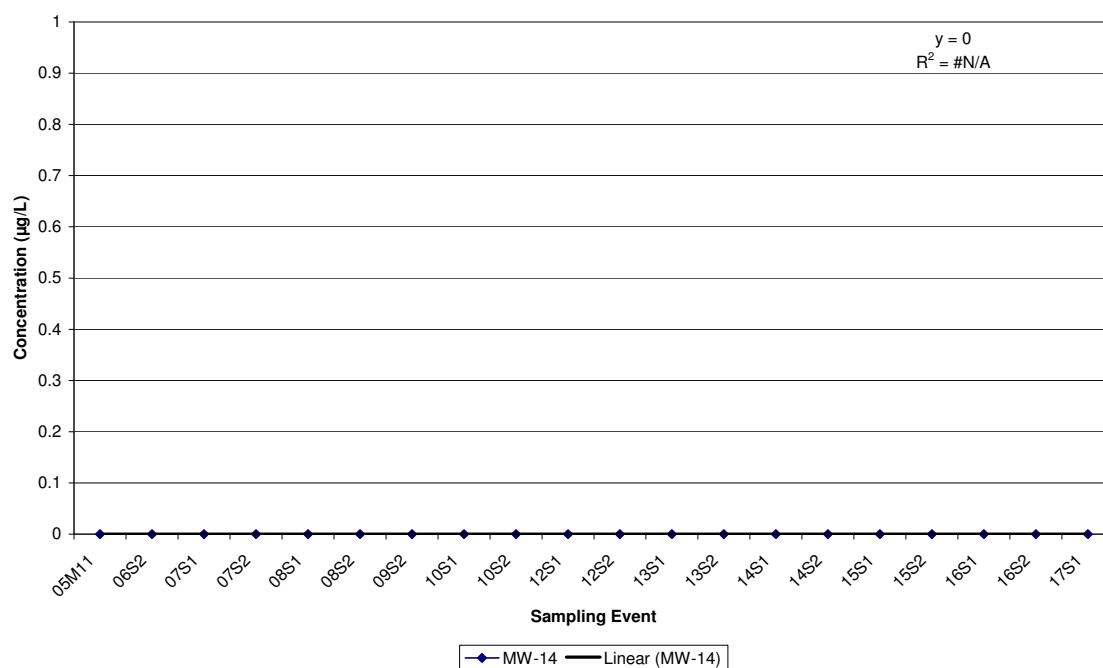
**Citrus County Central Landfill
Historic Benzene in MW-12**



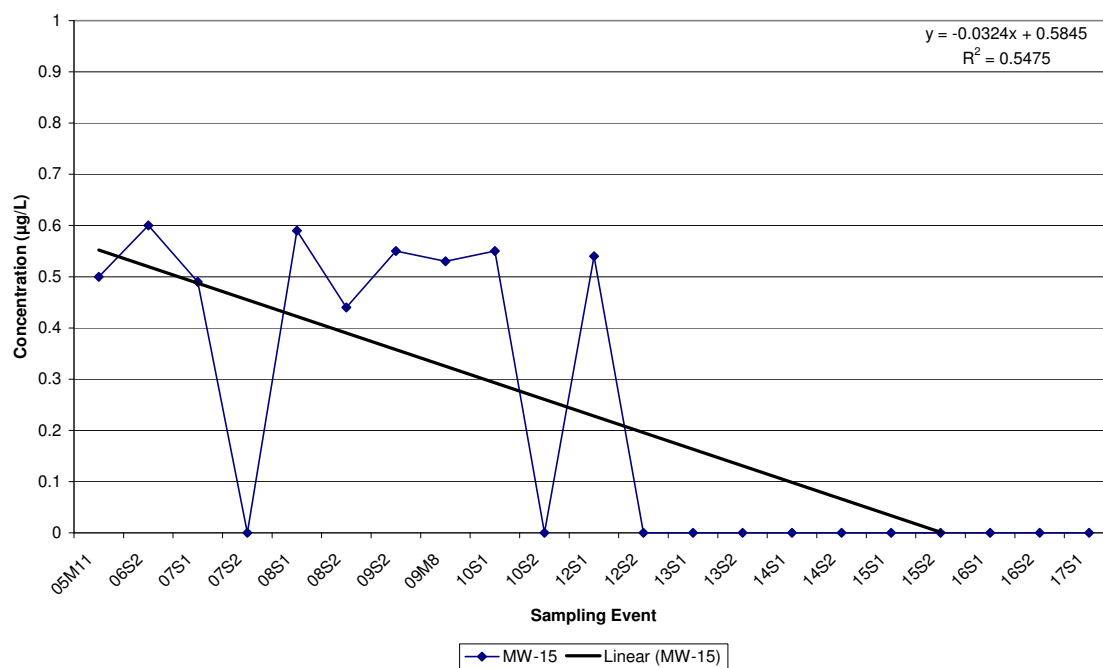
**Citrus County Central Landfill
Historic Benzene in MW-13**



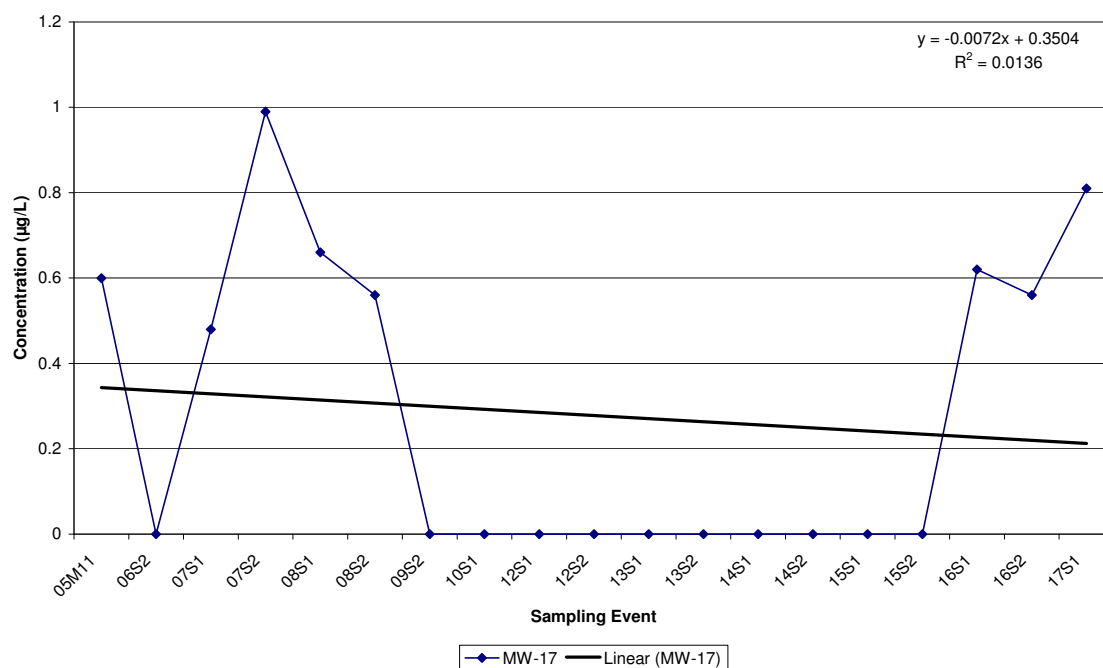
**Citrus County Central Landfill
Historic Benzene in MW-14**



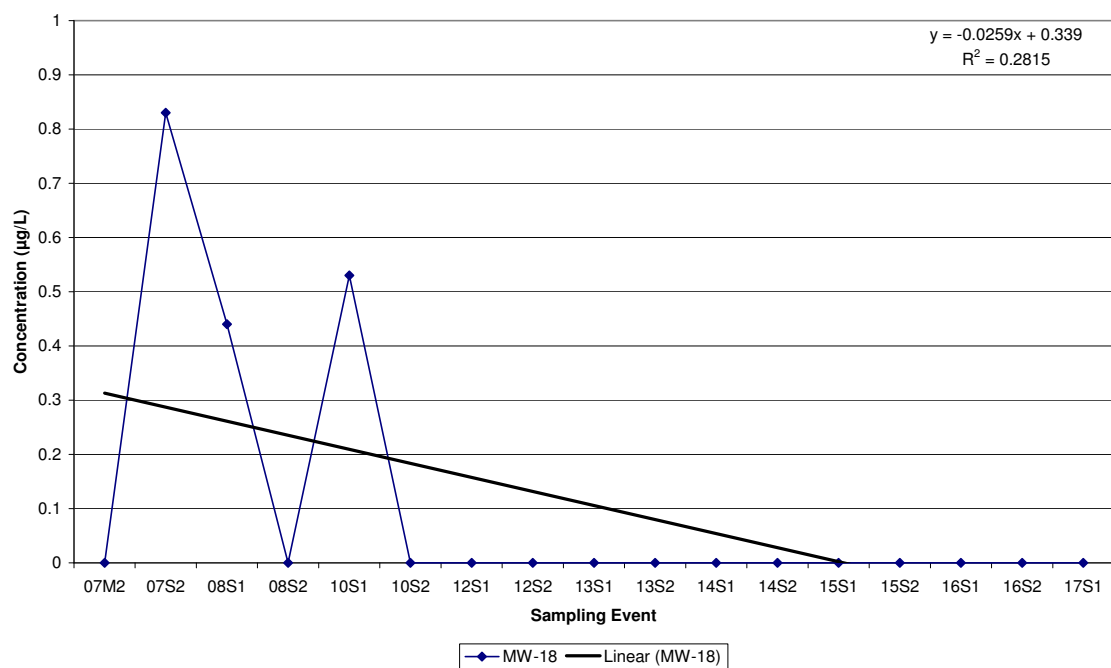
**Citrus County Central Landfill
Historic Benzene in MW-15**



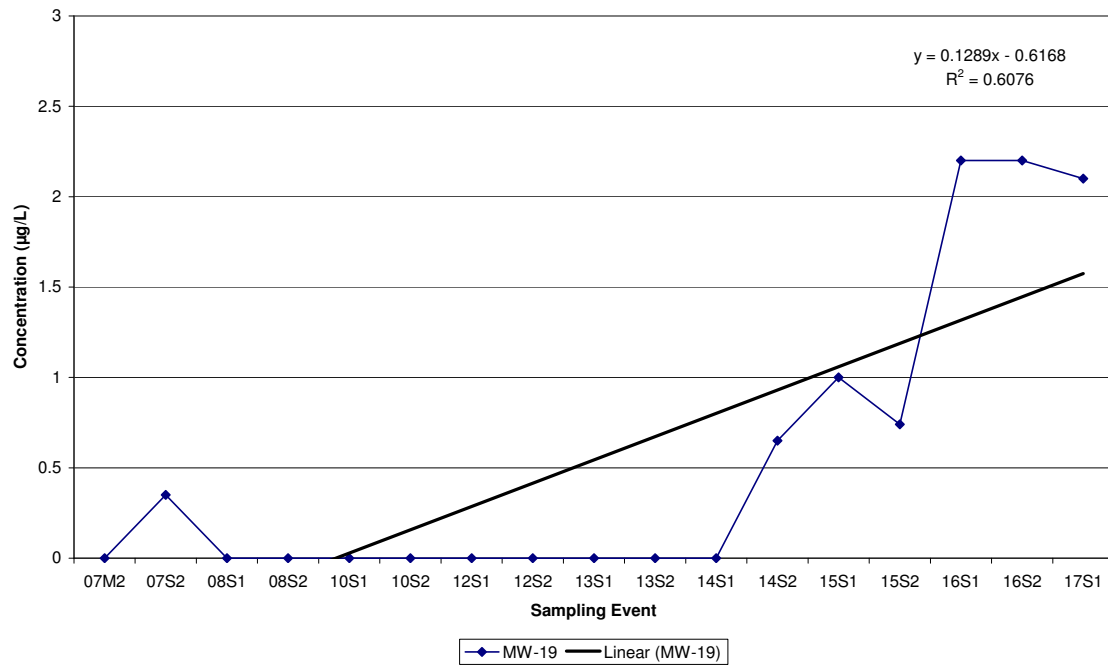
**Citrus County Central Landfill
Historic Benzene in MW-17**



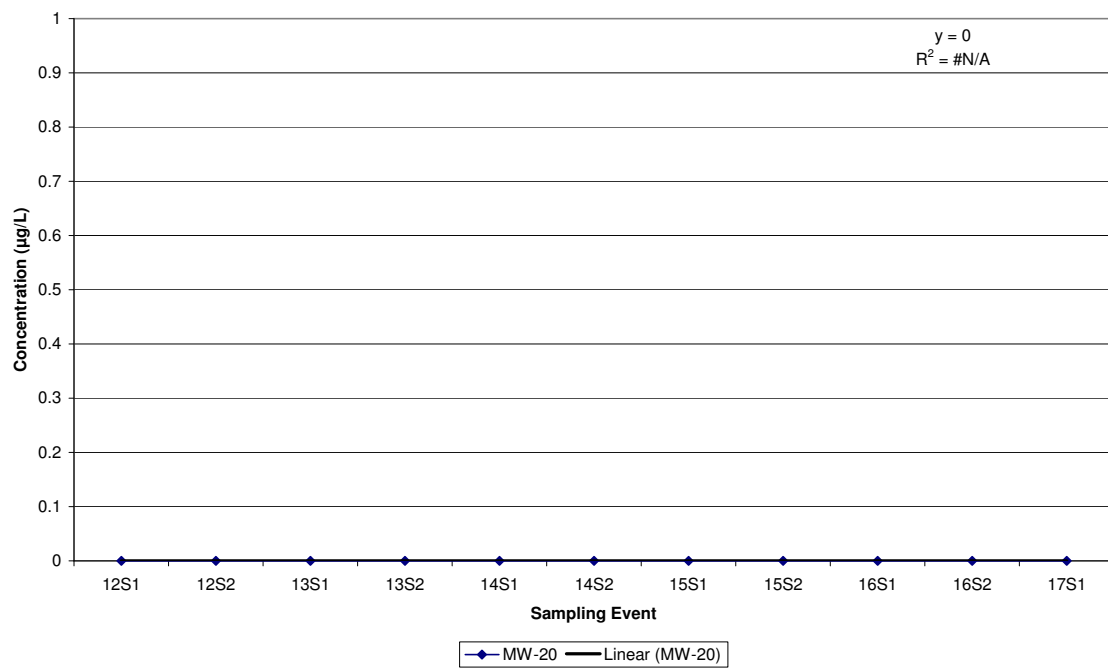
**Citrus County Central Landfill
Historic Benzene in MW-18**



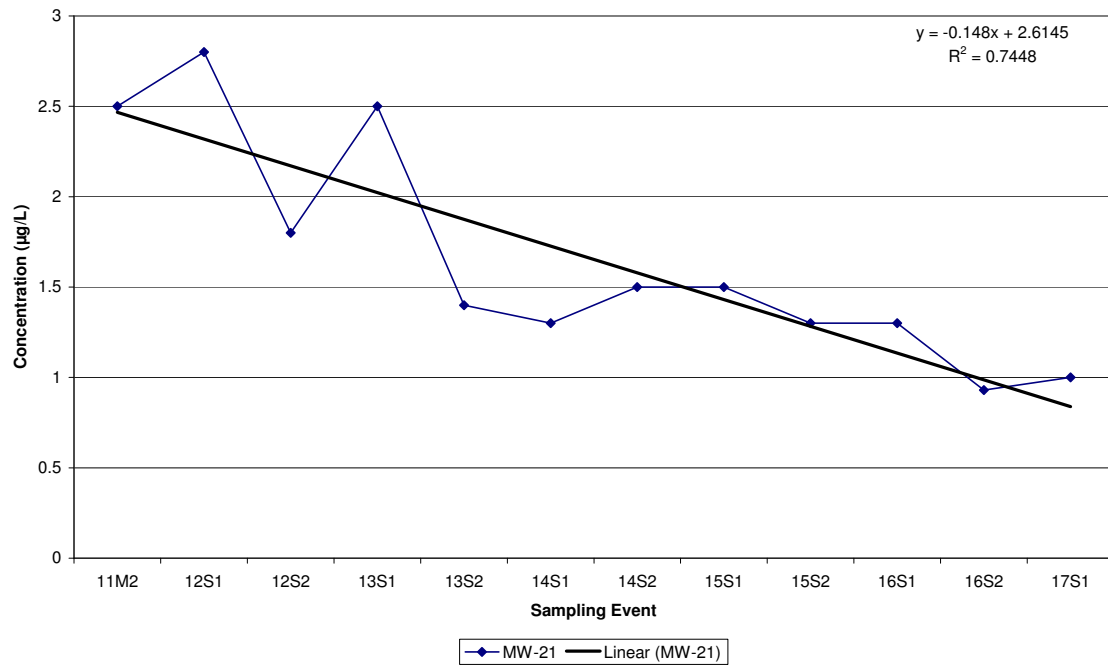
Citrus County Central Landfill
Historic Benzene in MW-19



Citrus County Central Landfill
Historic Benzene in MW-20

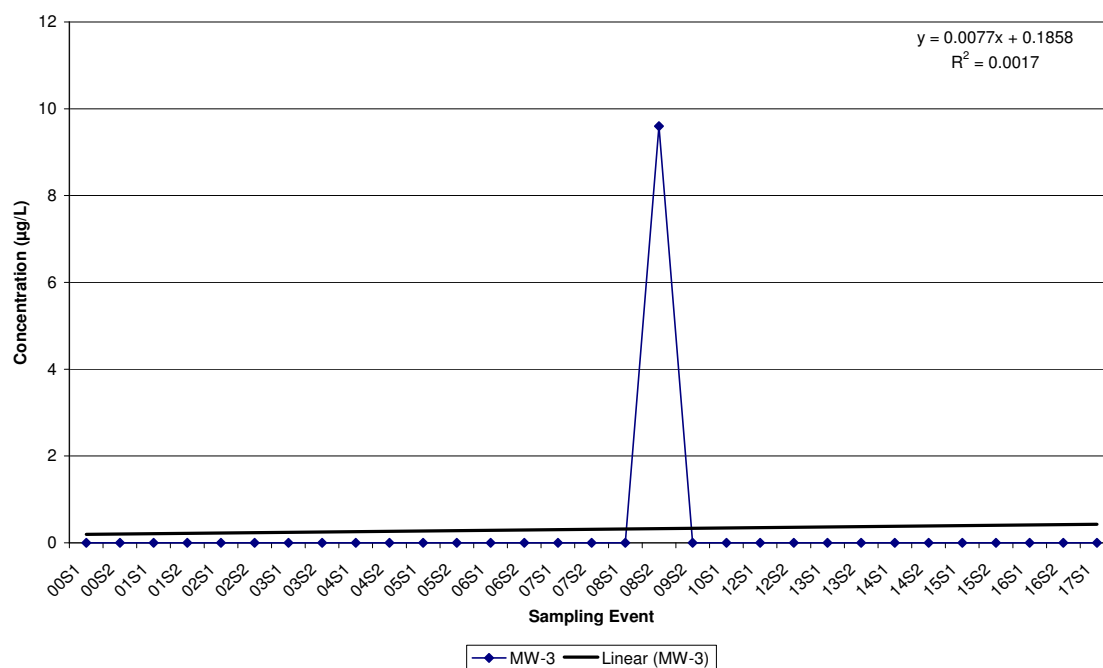


Citrus County Central Landfill
Historic Benzene in MW-21

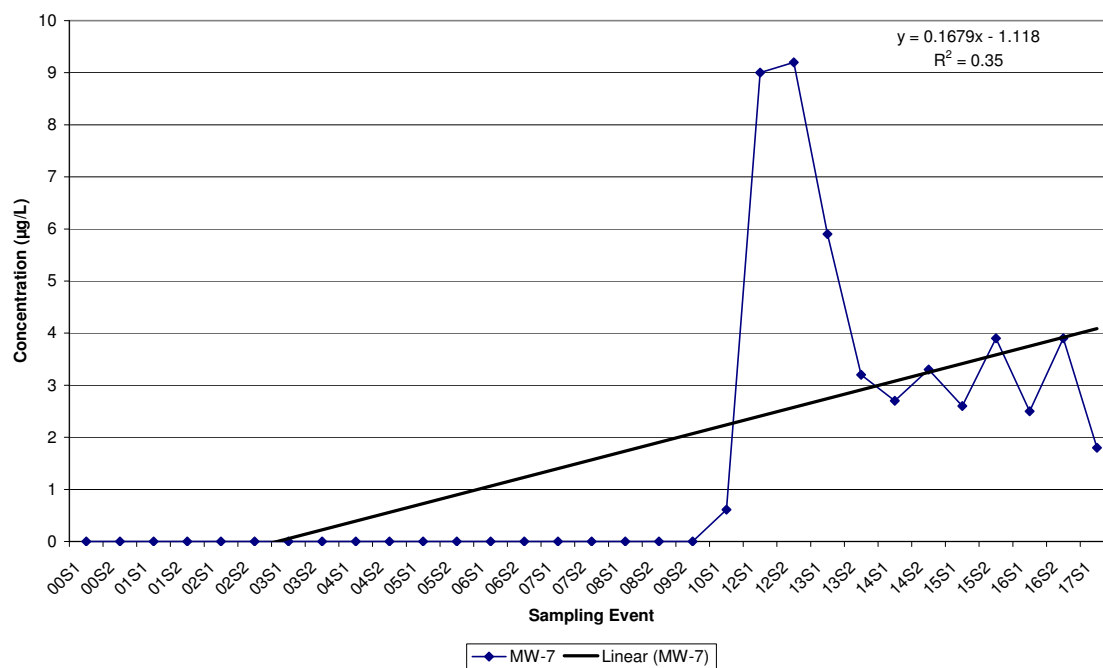


Citrus County Central Landfill
Historical Ethylbenzene Data

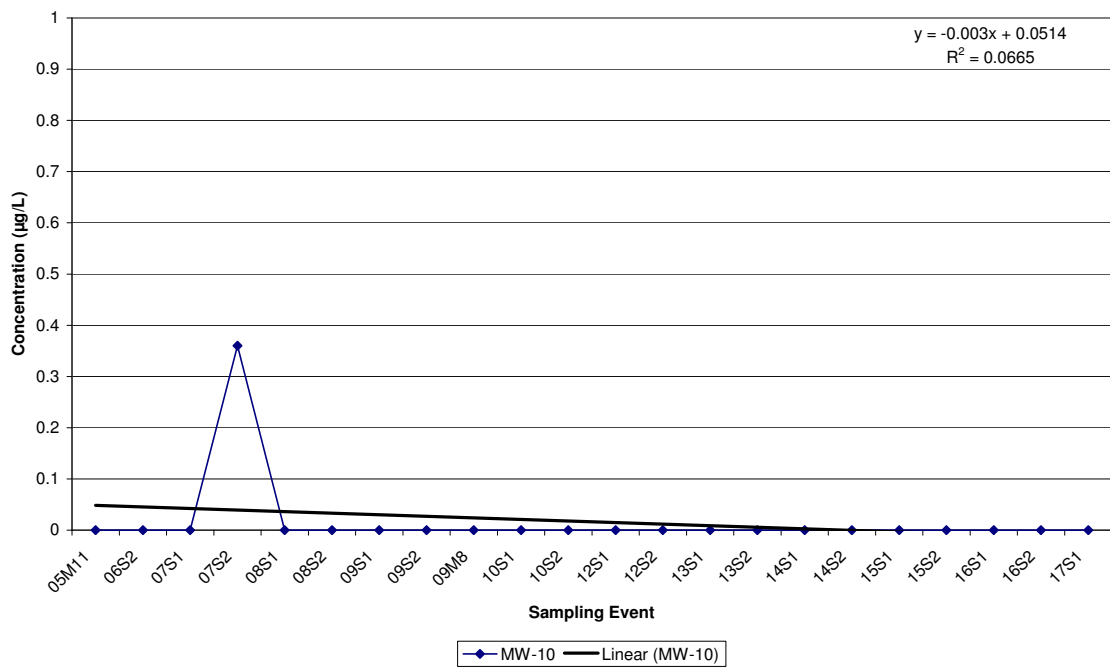
**Citrus County Central Landfill
Historic Ethylbenzene in MW-3**



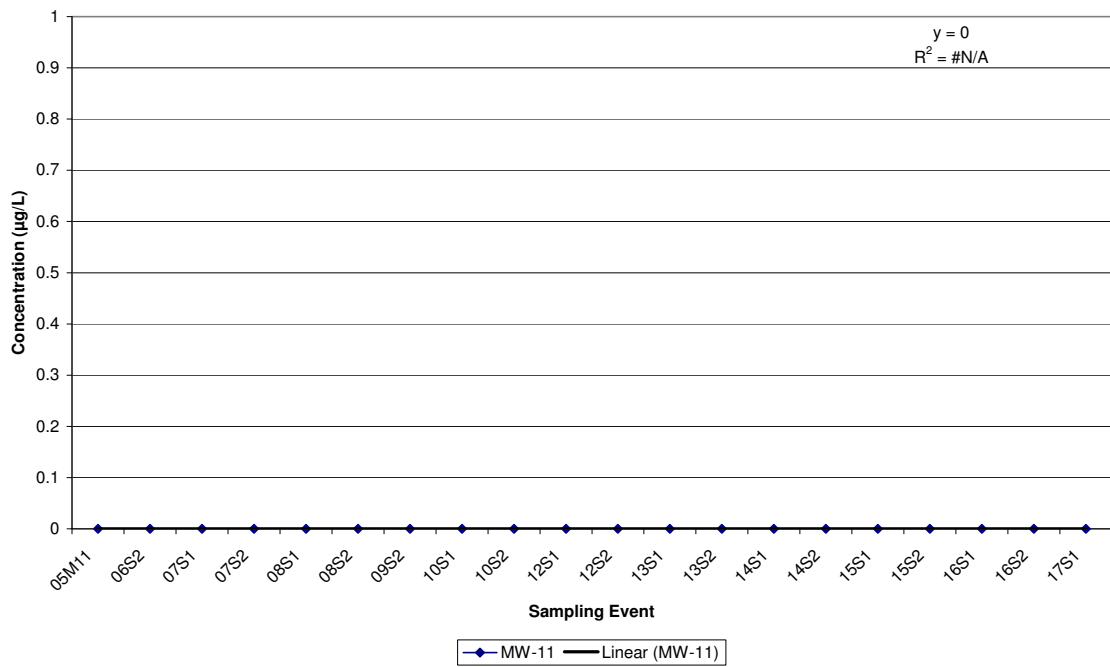
**Citrus County Central Landfill
Historic Ethylbenzene in MW-7**



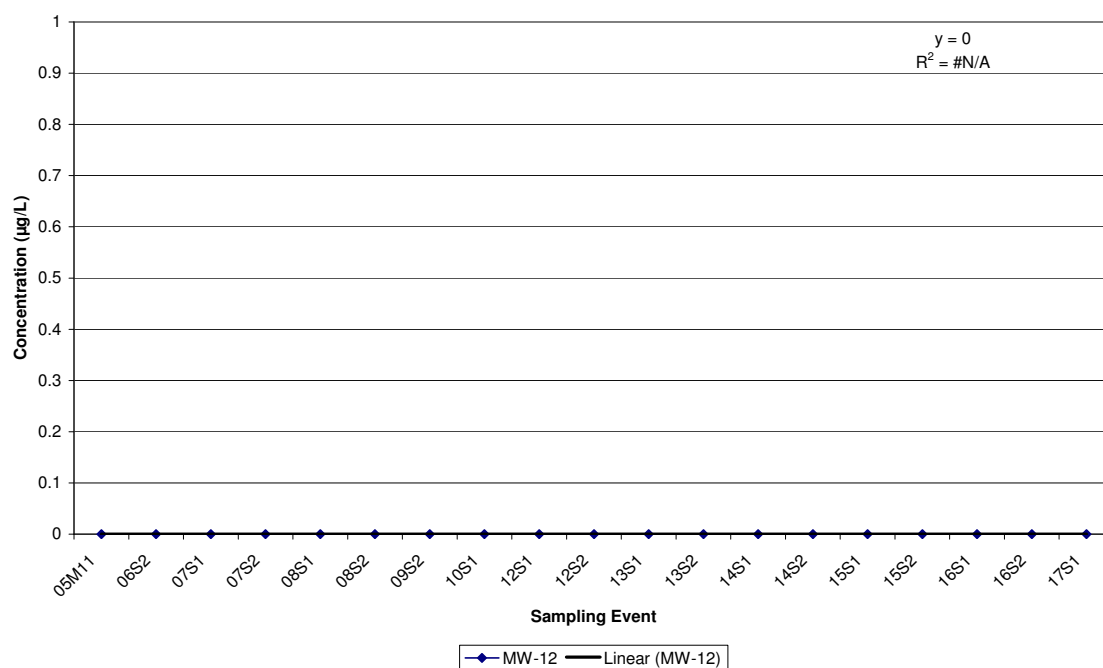
Citrus County Central Landfill
Historic Ethylbenzene in MW-10



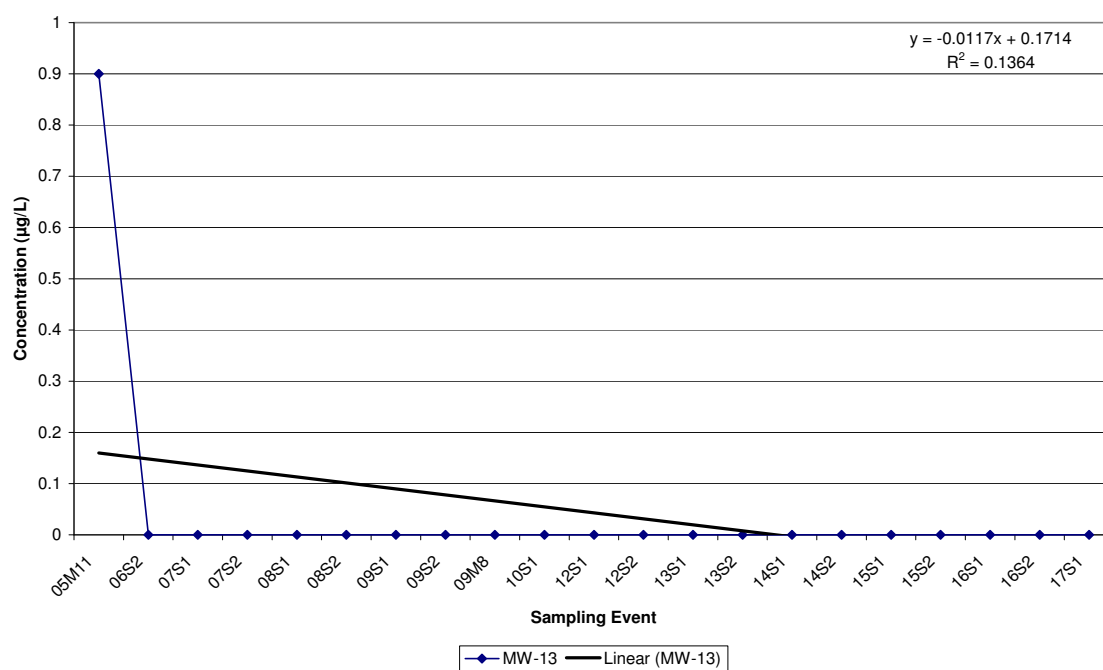
Citrus County Central Landfill
Historic Ethylbenzene in MW-11



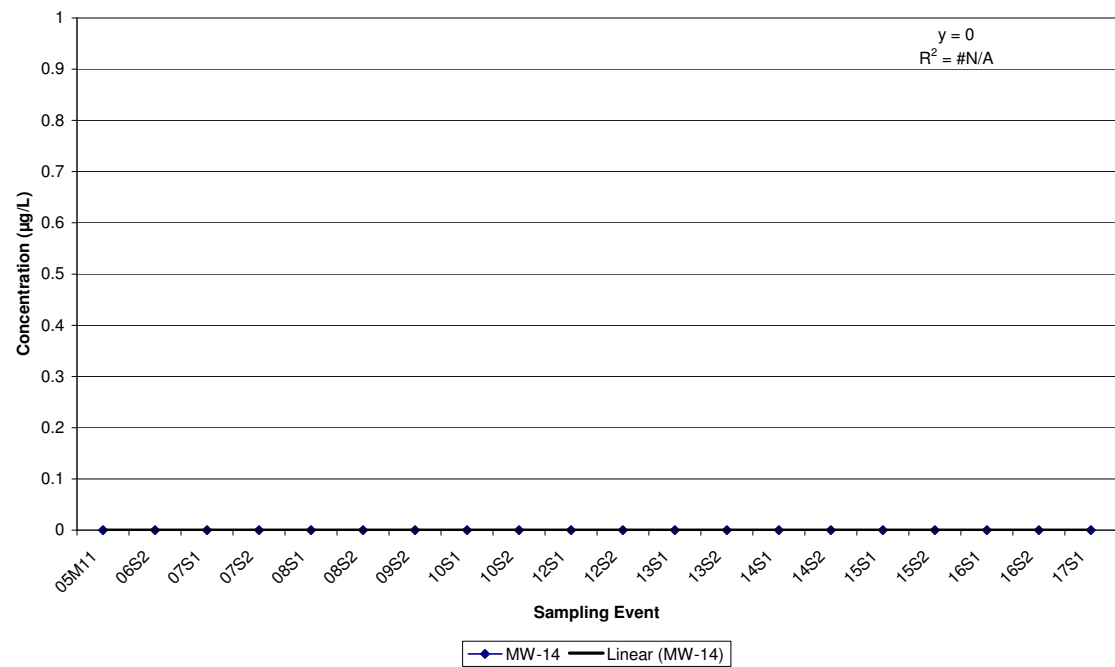
**Citrus County Central Landfill
Historic Ethylbenzene in MW-12**



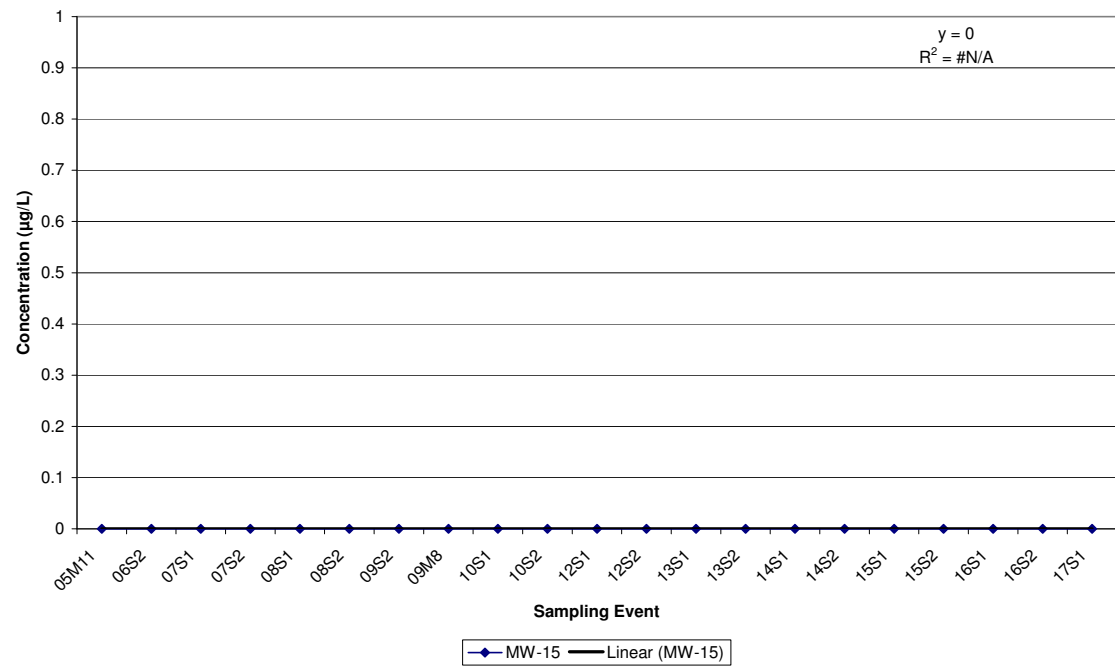
**Citrus County Central Landfill
Historic Ethylbenzene in MW-13**



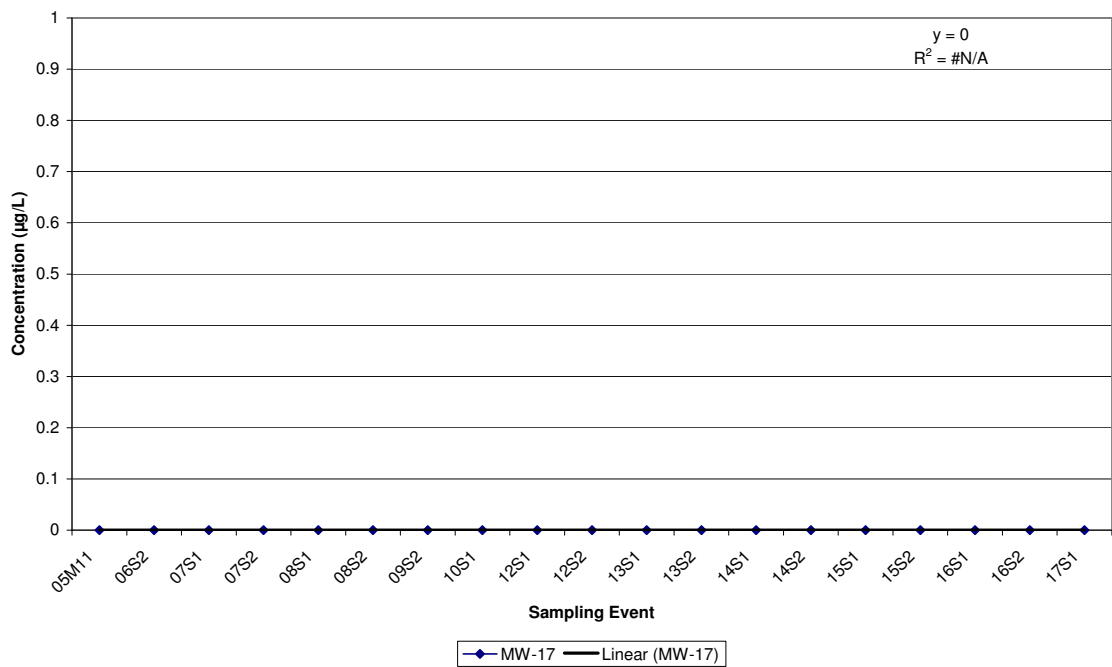
Citrus County Central Landfill
Historic Ethylbenzene in MW-14



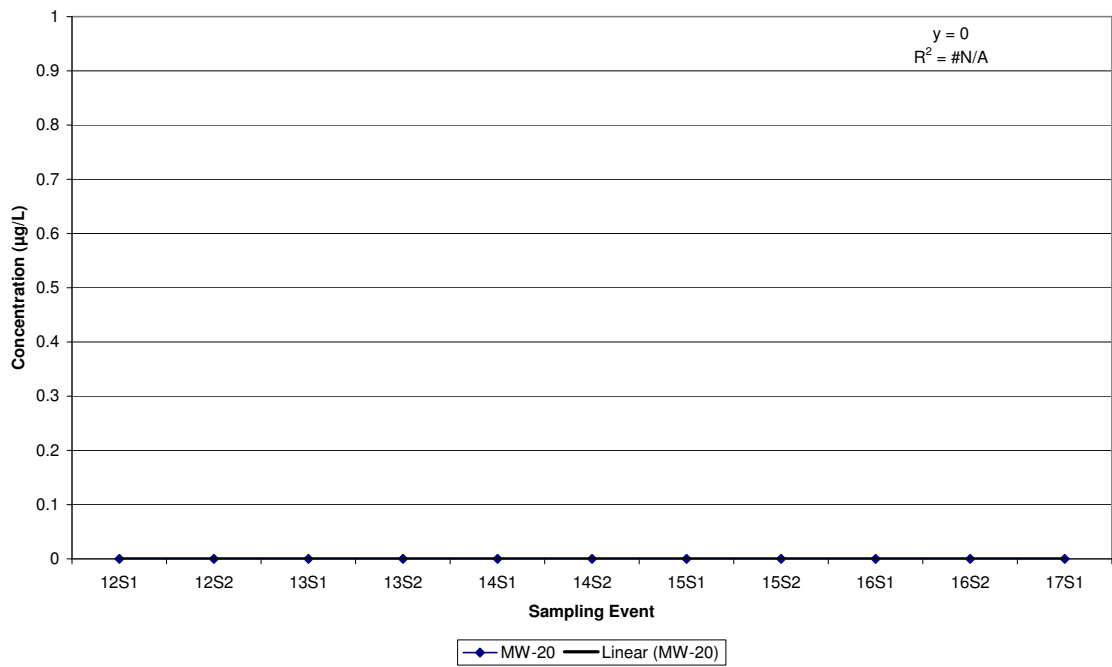
Citrus County Central Landfill
Historic Ethylbenzene in MW-15



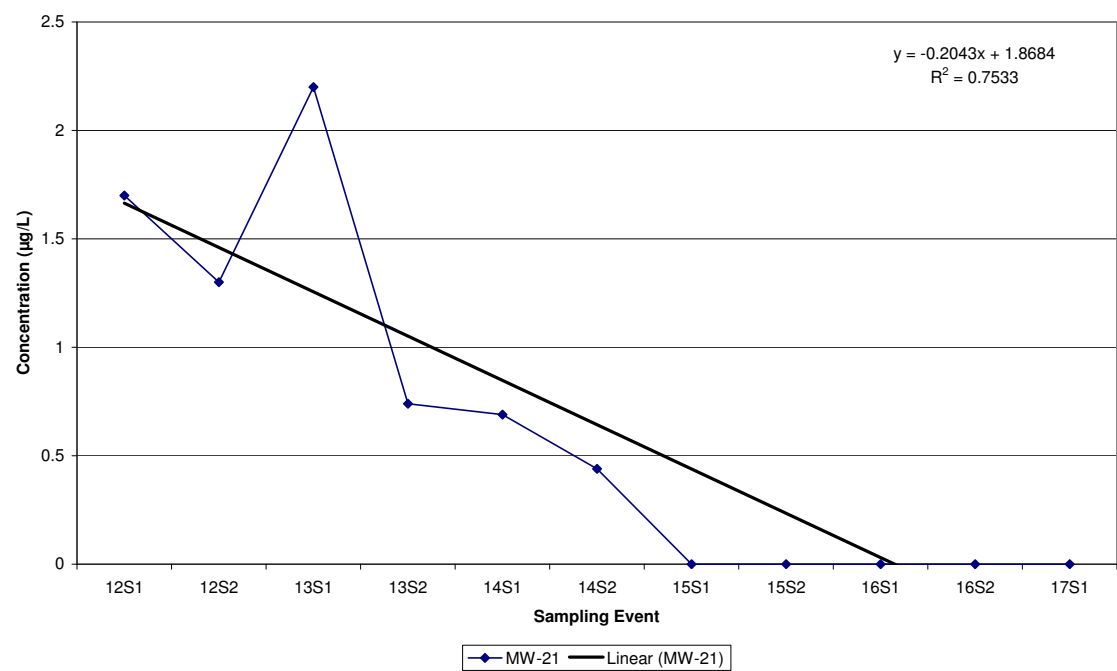
Citrus County Central Landfill
Historic Ethylbenzene in MW-17



Citrus County Central Landfill
Historic Ethylbenzene in MW-20

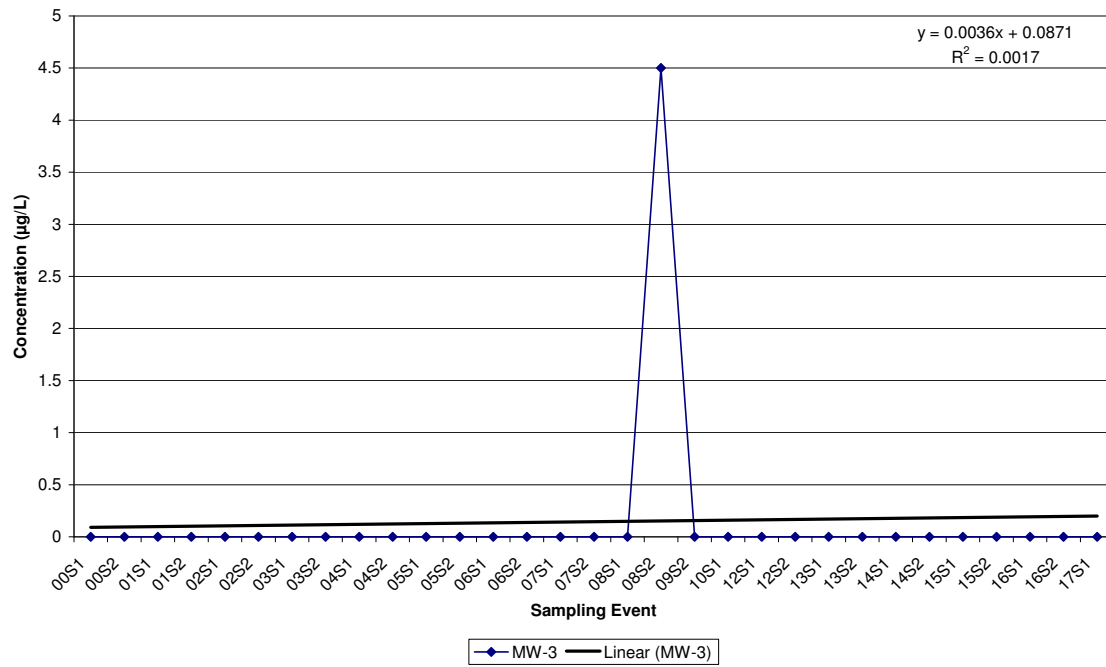


Citrus County Central Landfill
Historic Ethylbenzene in MW-21

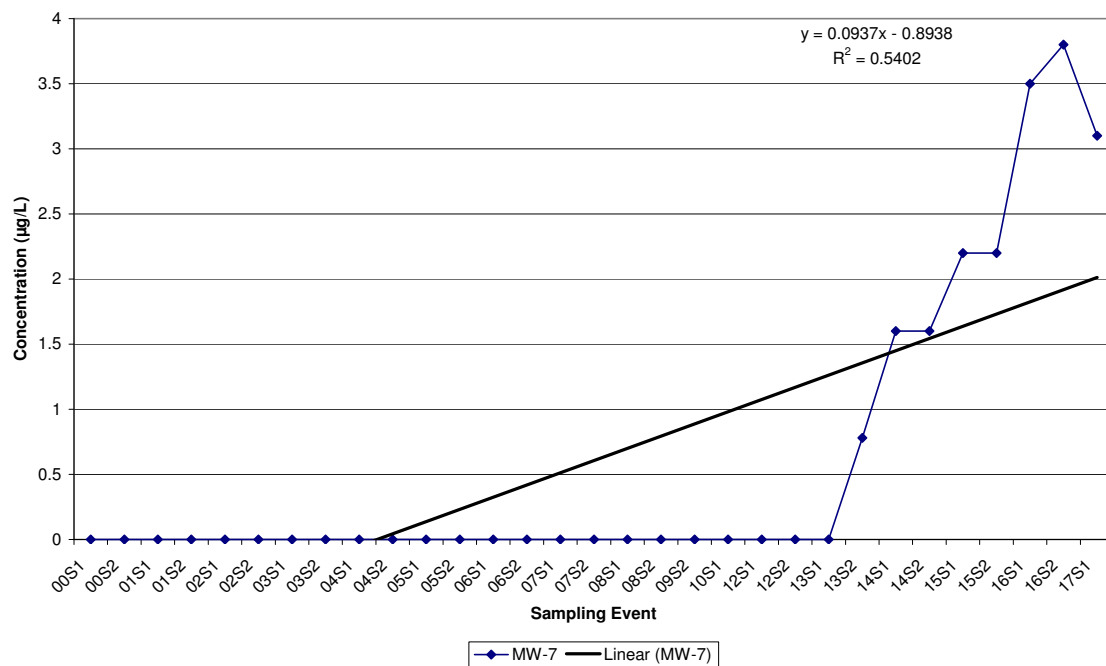


Citrus County Central Landfill
Historical 1,4-Dichlorobenzene Data

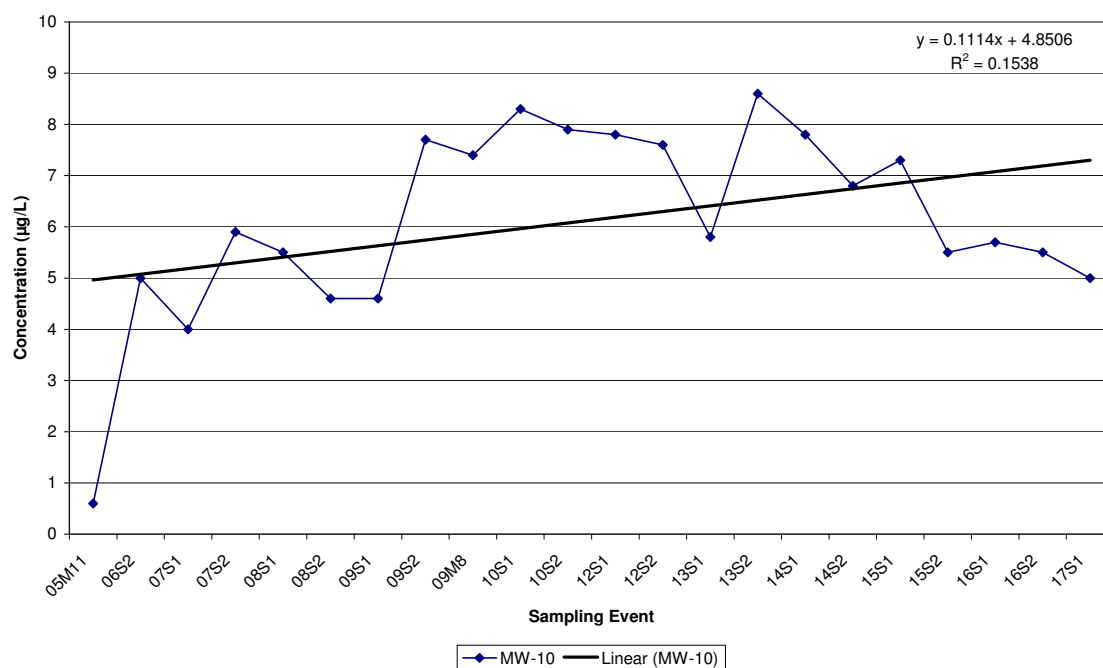
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-3**



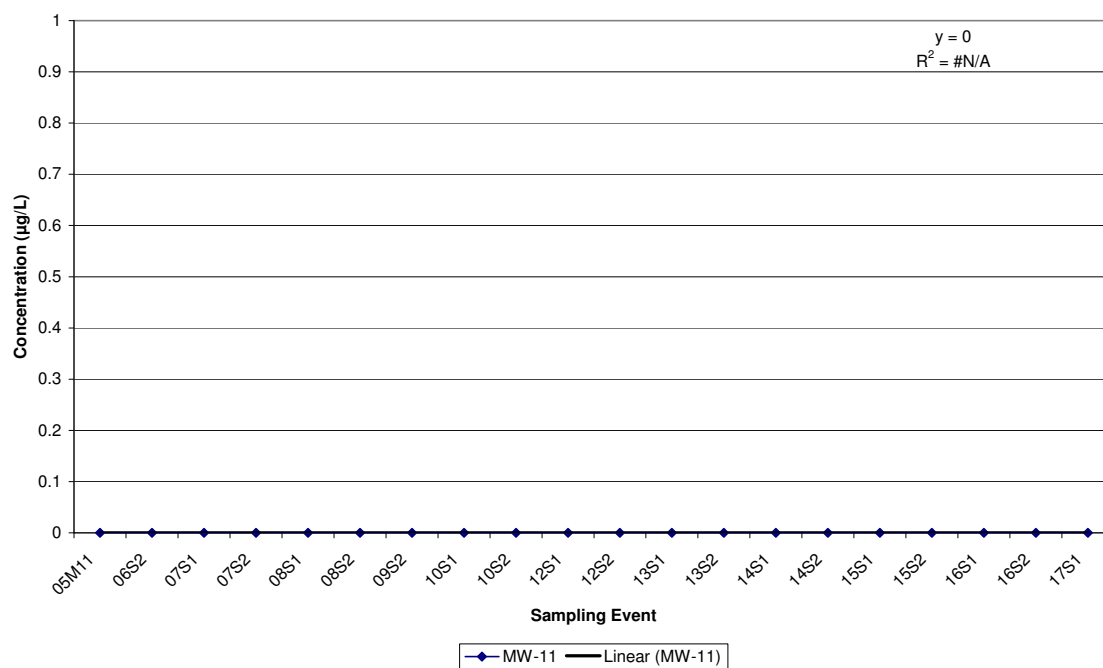
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-7**



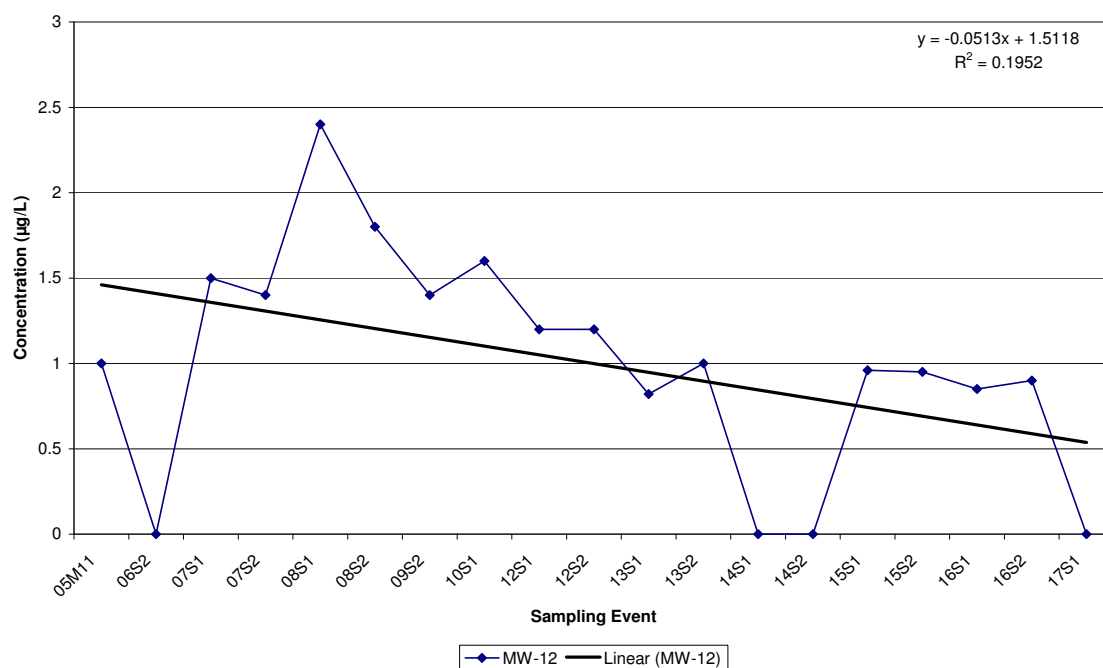
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-10**



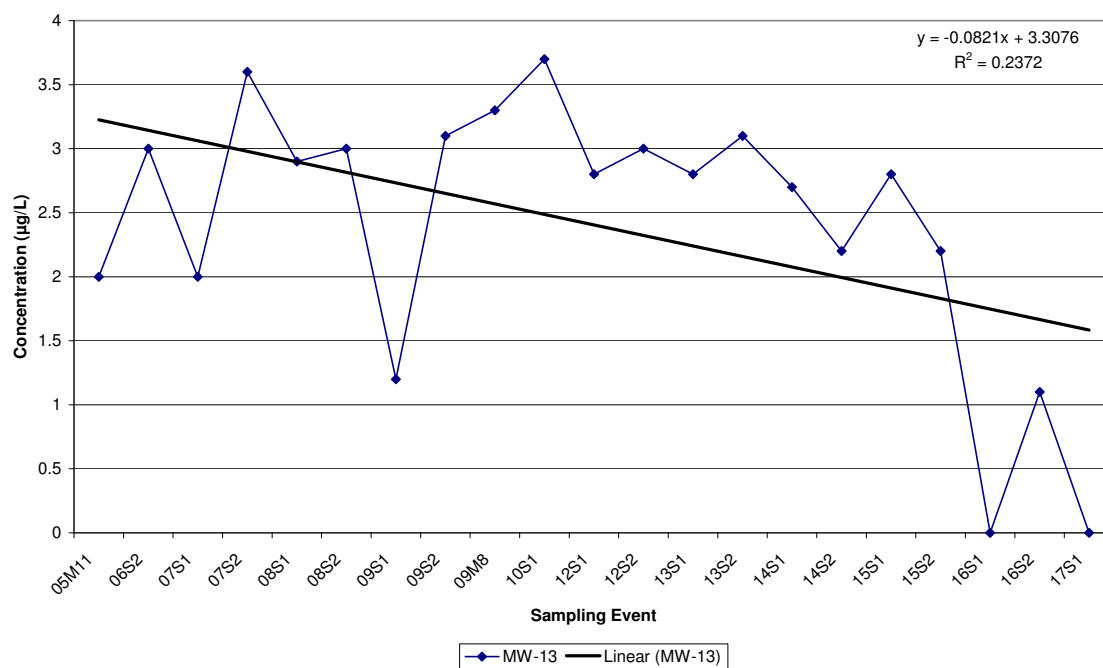
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-11**



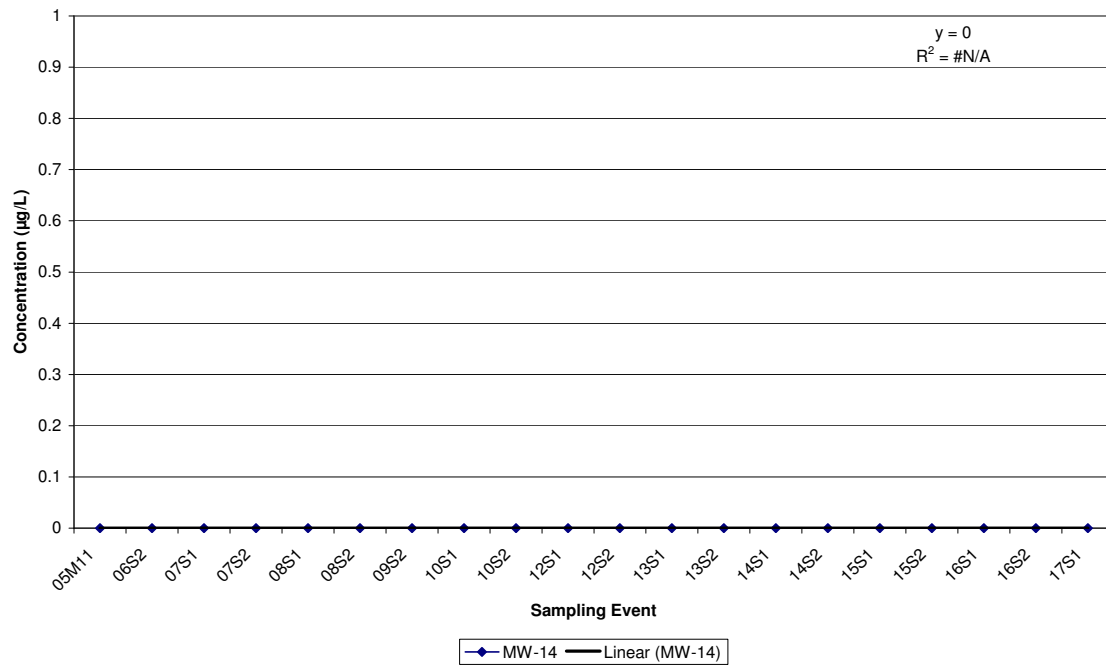
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-12**



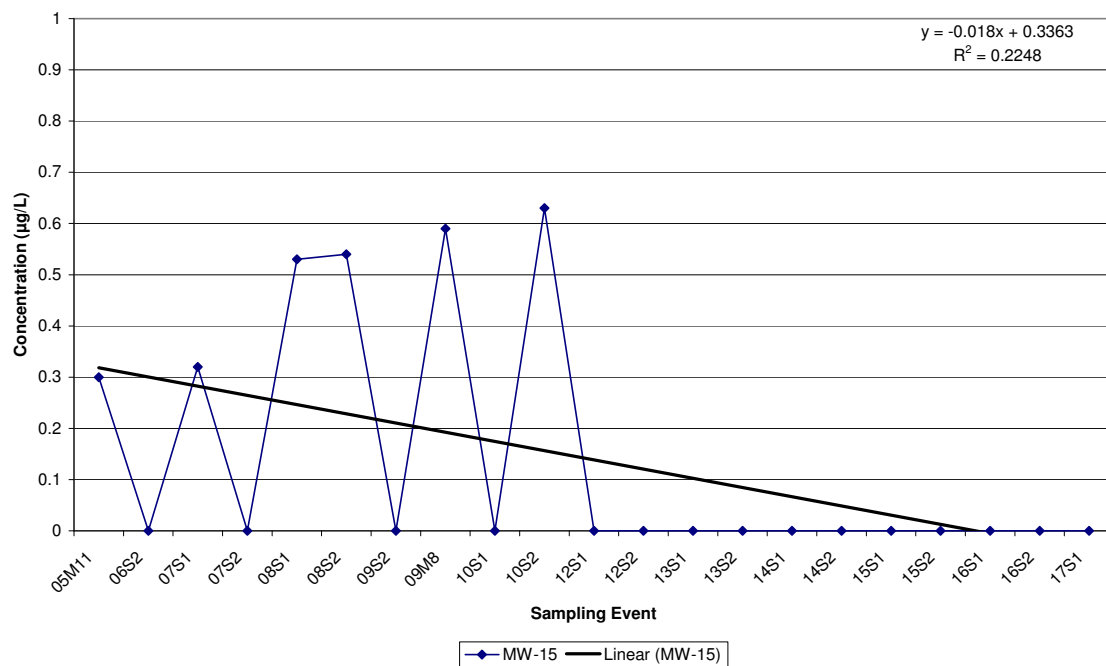
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-13**



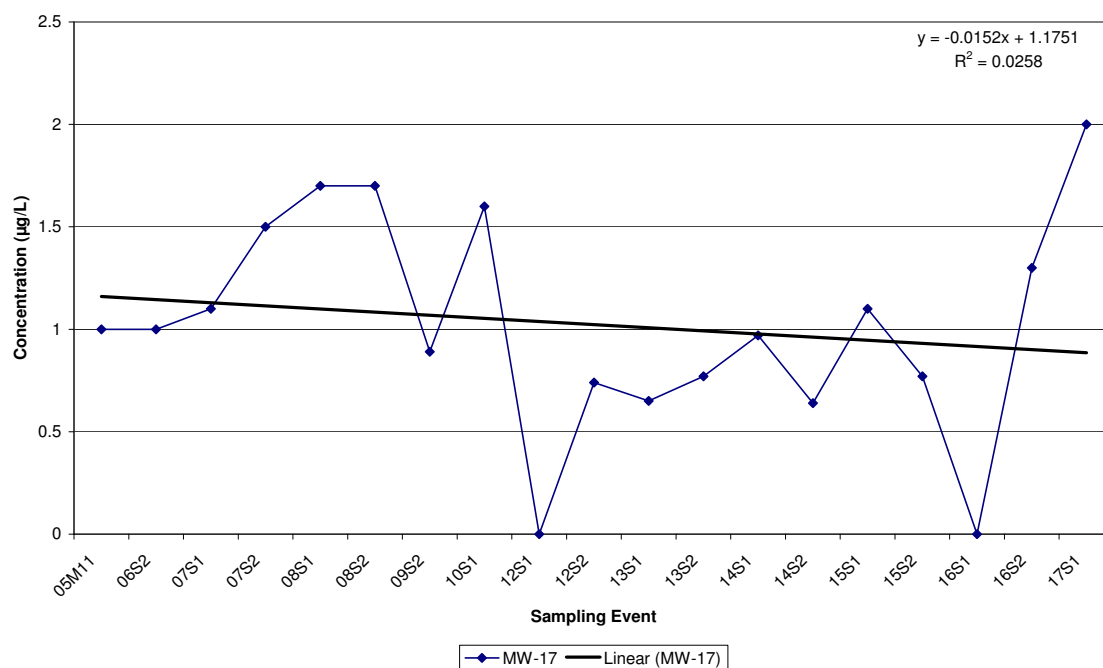
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-14**



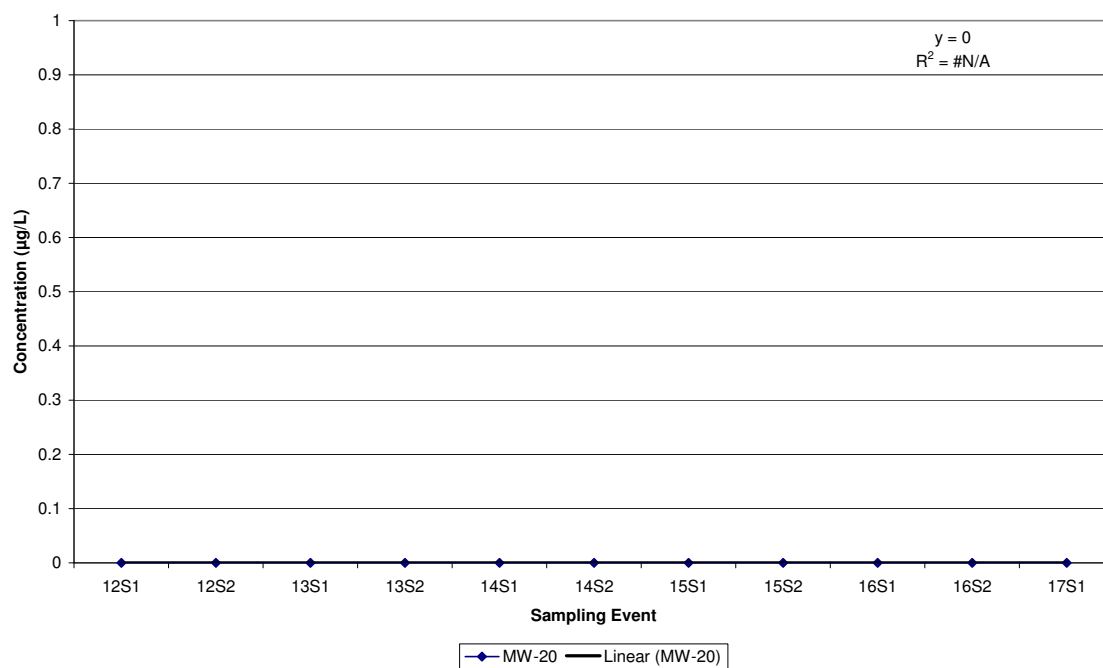
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-15**



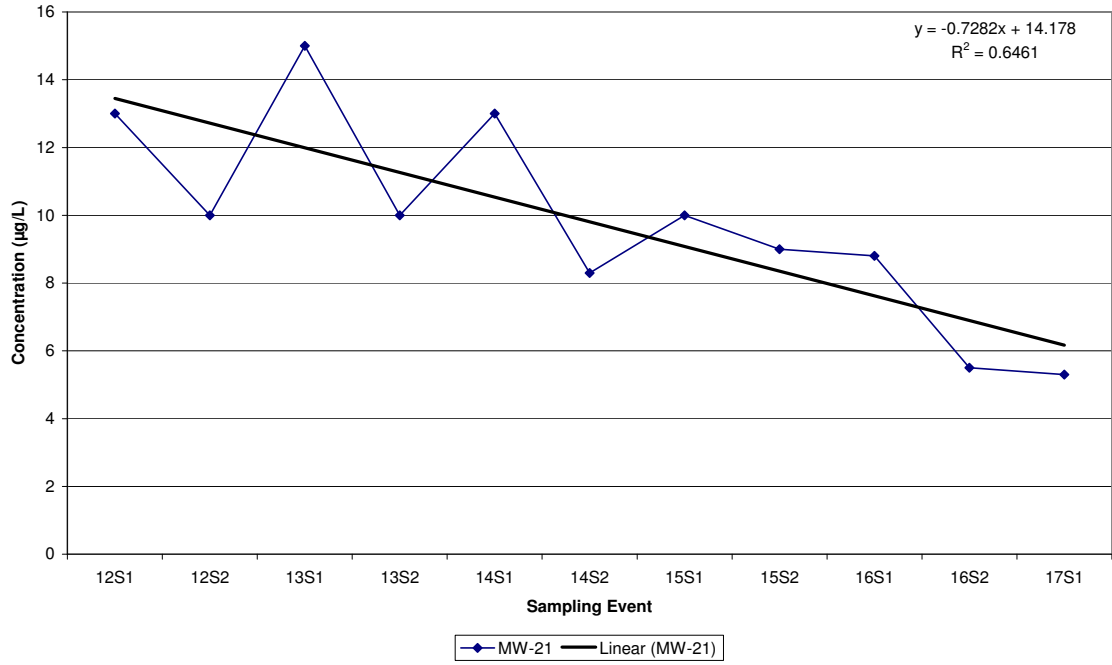
**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-17**



**Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-20**

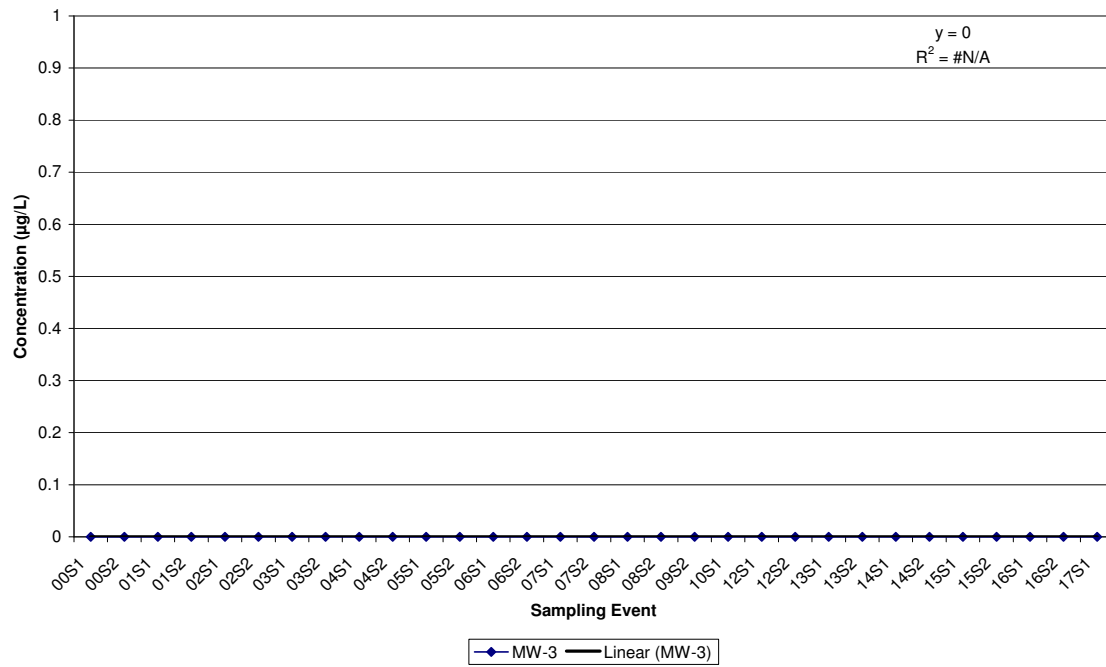


Citrus County Central Landfill
Historic 1,4-Dichlorobenzene in MW-21

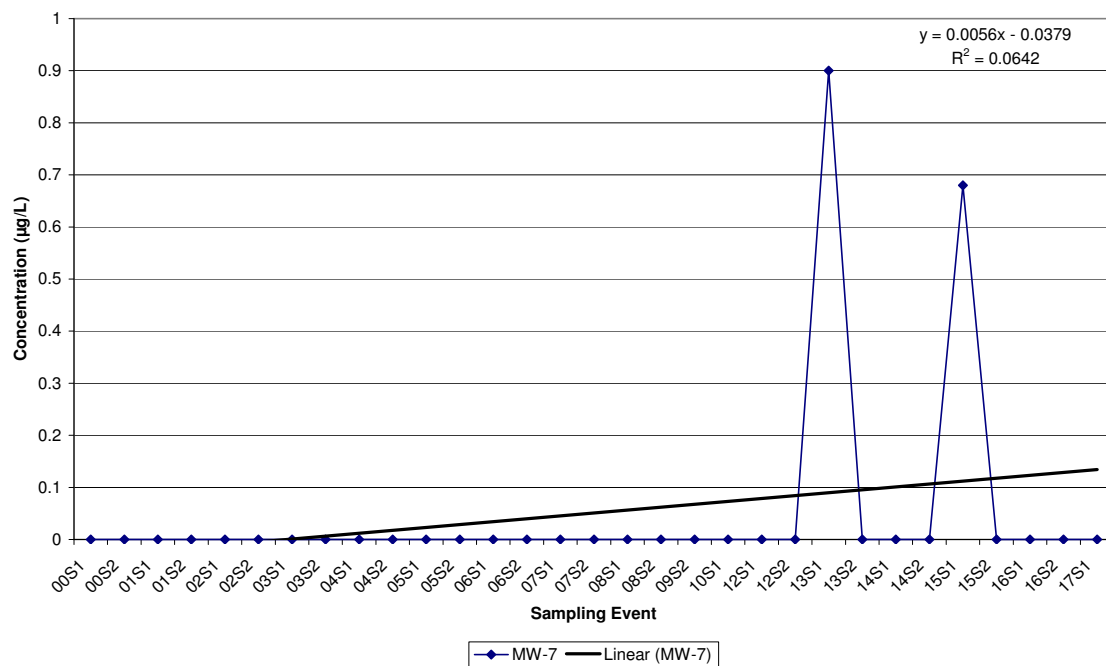


**Citrus County Central Landfill
Historical Vinyl Chloride Data**

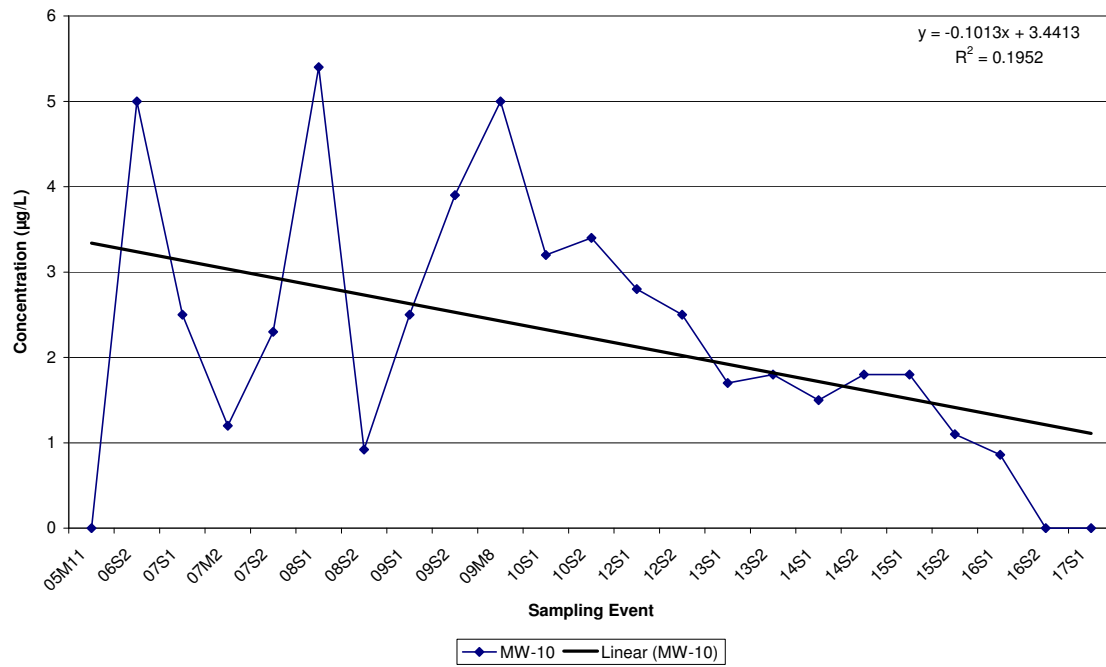
Citrus County Central Landfill
Historic Vinyl chloride in MW-3



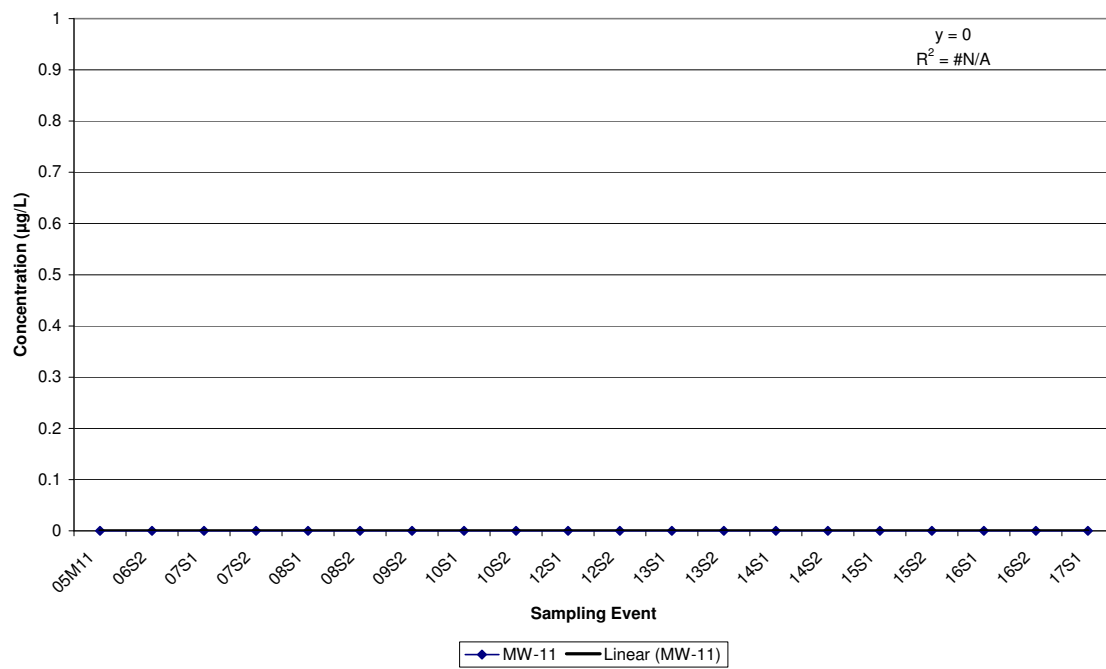
Citrus County Central Landfill
Historic Vinyl chloride in MW-7



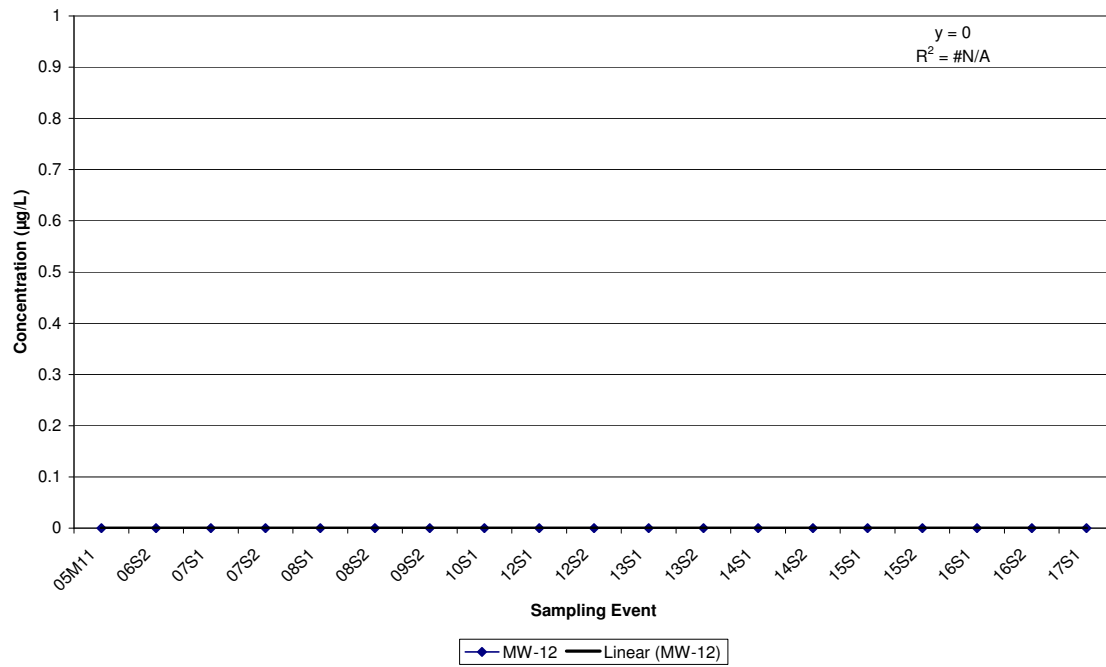
**Citrus County Central Landfill
Historic Vinyl chloride in MW-10**



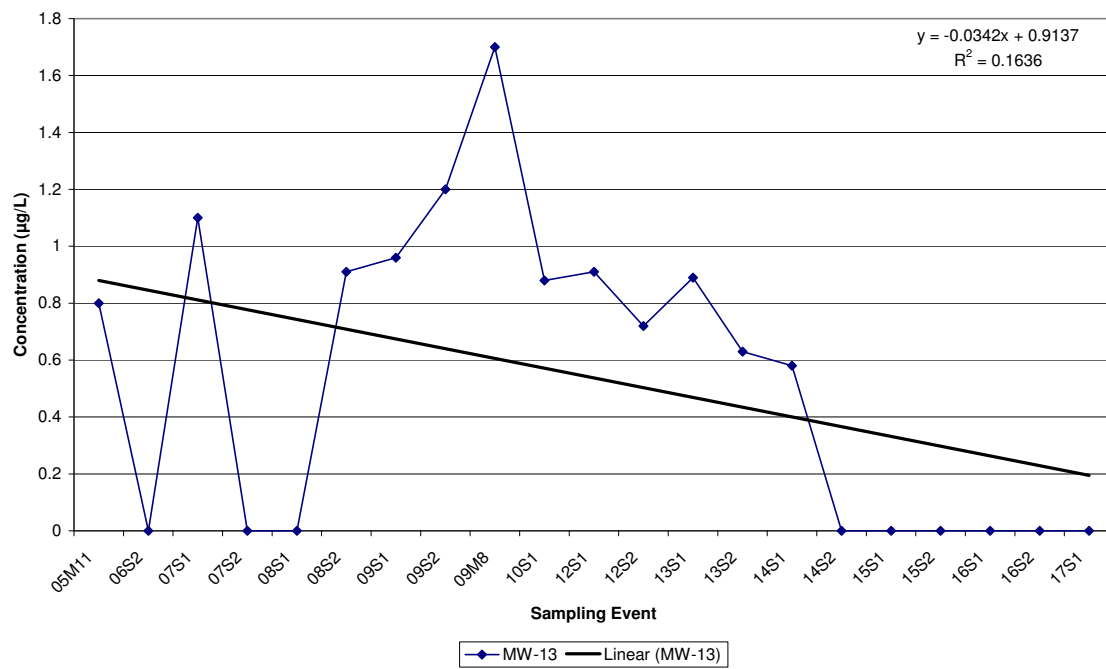
**Citrus County Central Landfill
Historic Vinyl chloride in MW-11**



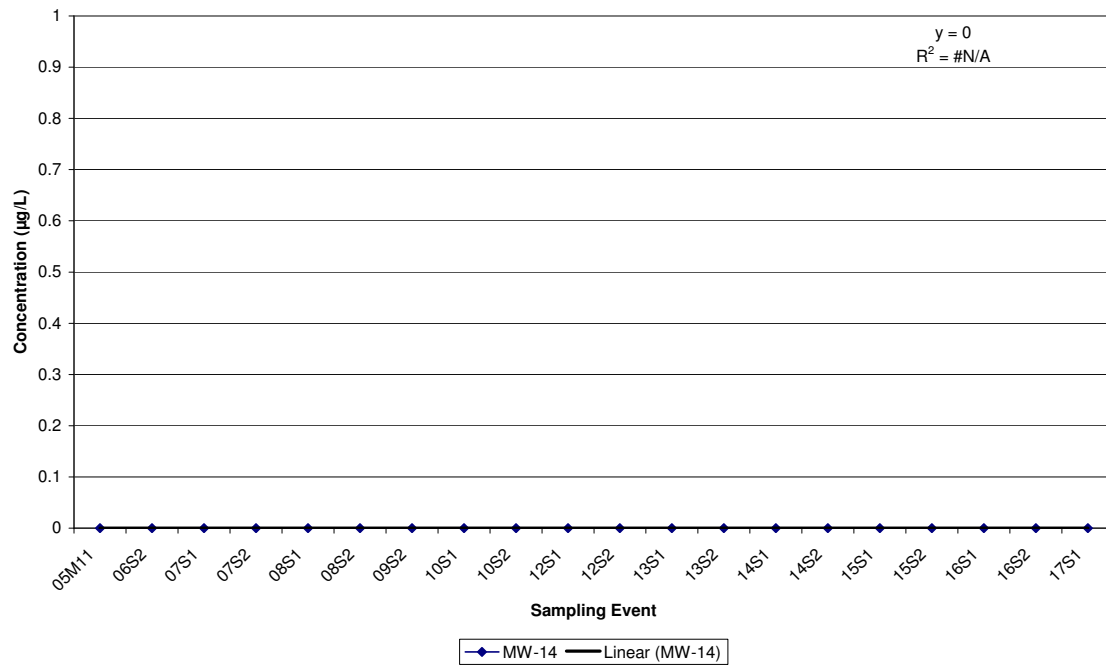
**Citrus County Central Landfill
Historic Vinyl chloride in MW-12**



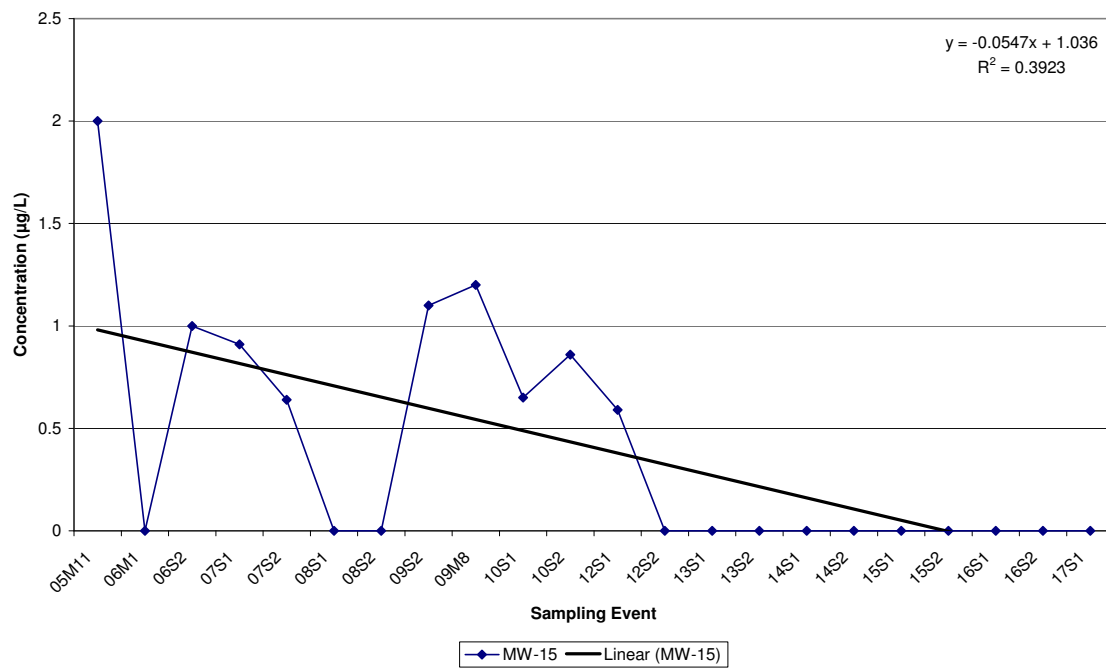
**Citrus County Central Landfill
Historic Vinyl chloride in MW-13**



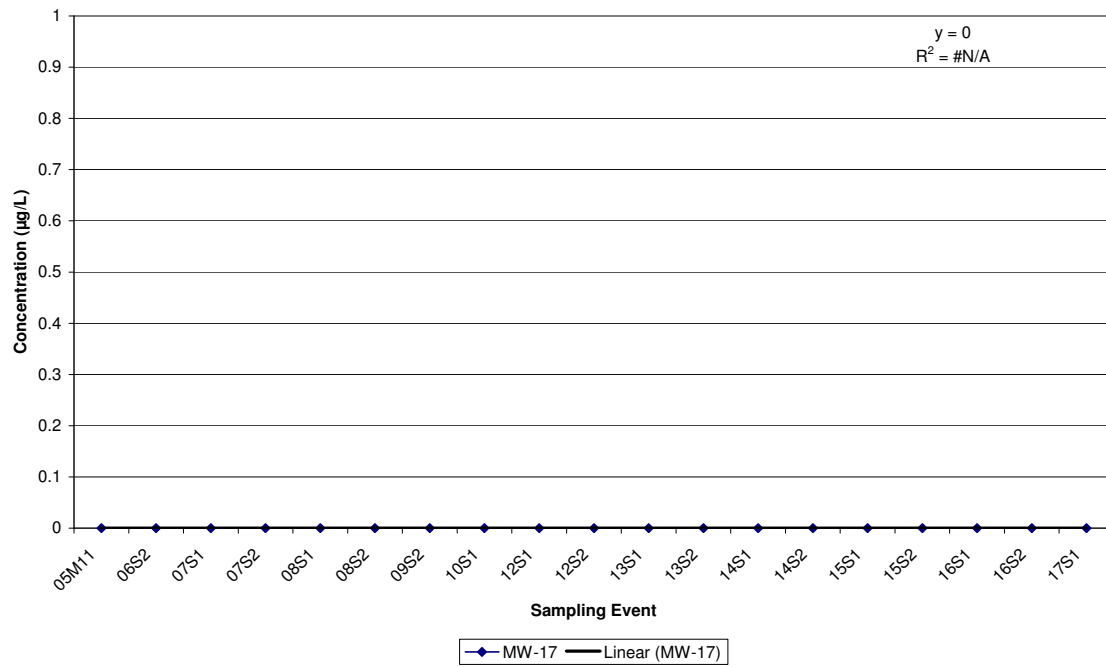
Citrus County Central Landfill
Historic Vinyl chloride in MW-14



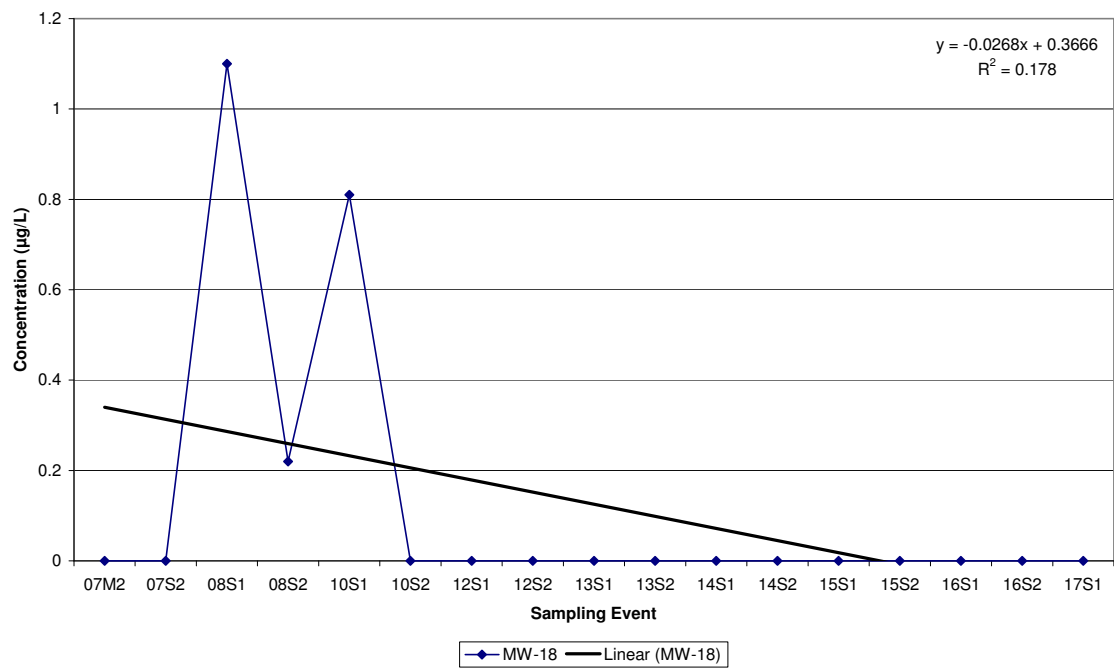
Citrus County Central Landfill
Historic Vinyl chloride in MW-15



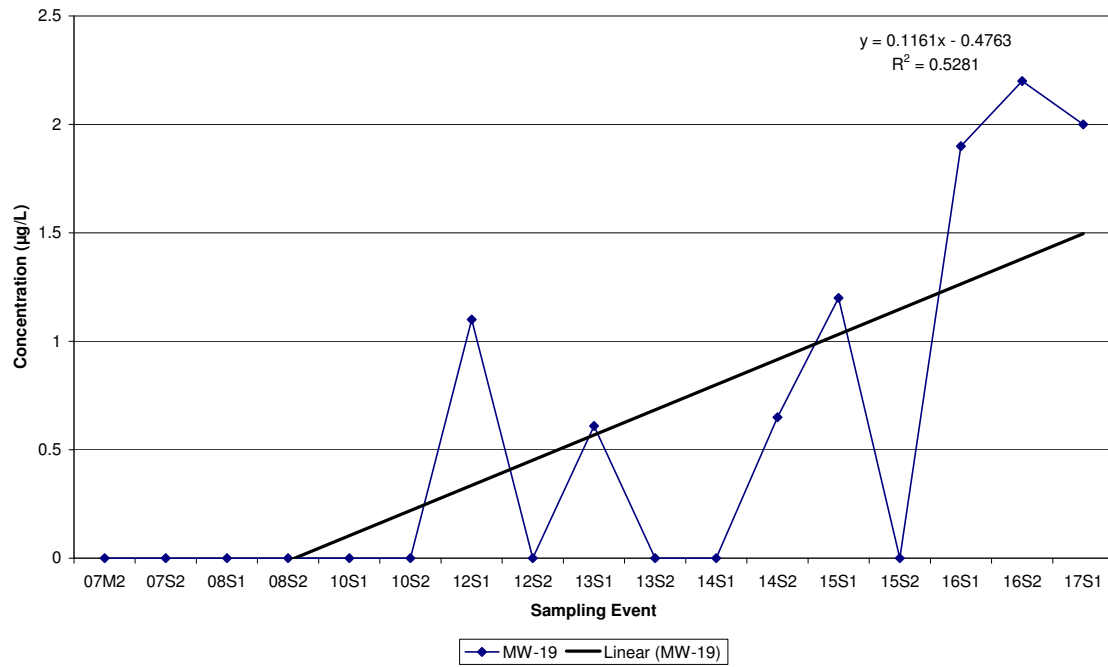
**Citrus County Central Landfill
Historic Vinyl chloride in MW-17**



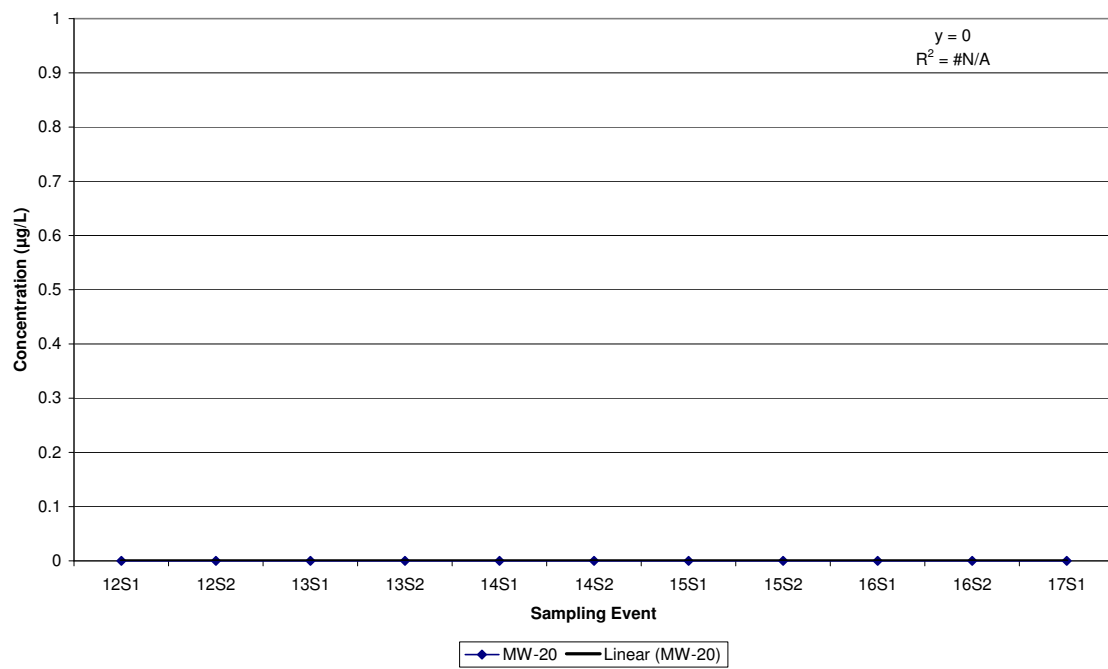
**Citrus County Central Landfill
Historic Vinyl chloride in MW-18**



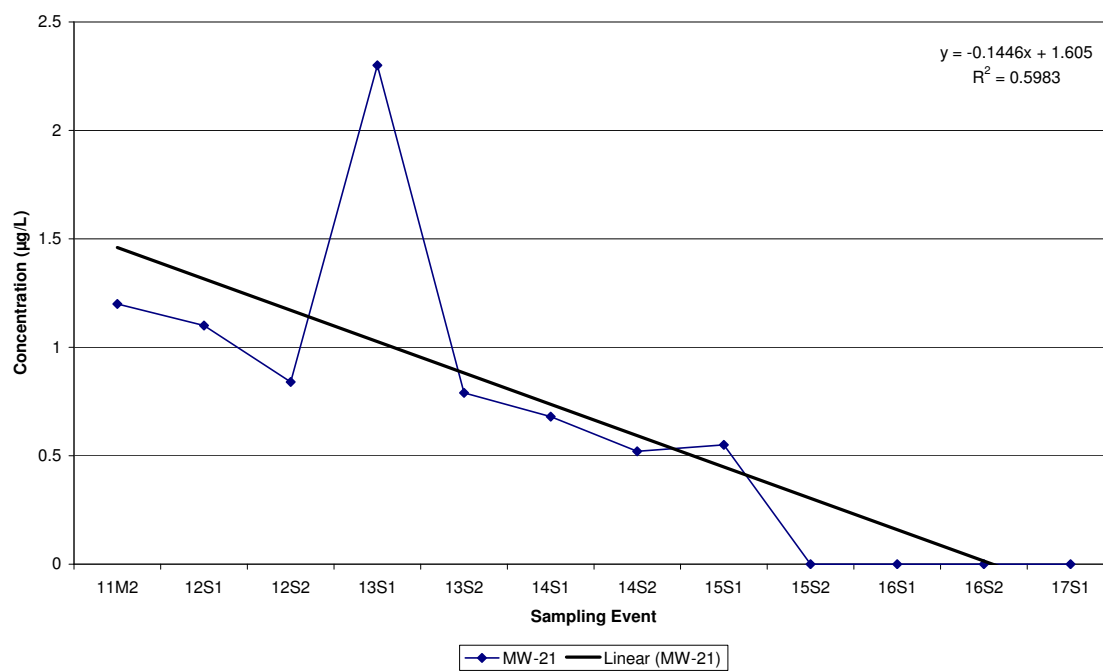
**Citrus County Central Landfill
Historic Vinyl chloride in MW-19**



**Citrus County Central Landfill
Historic Vinyl chloride in MW-20**

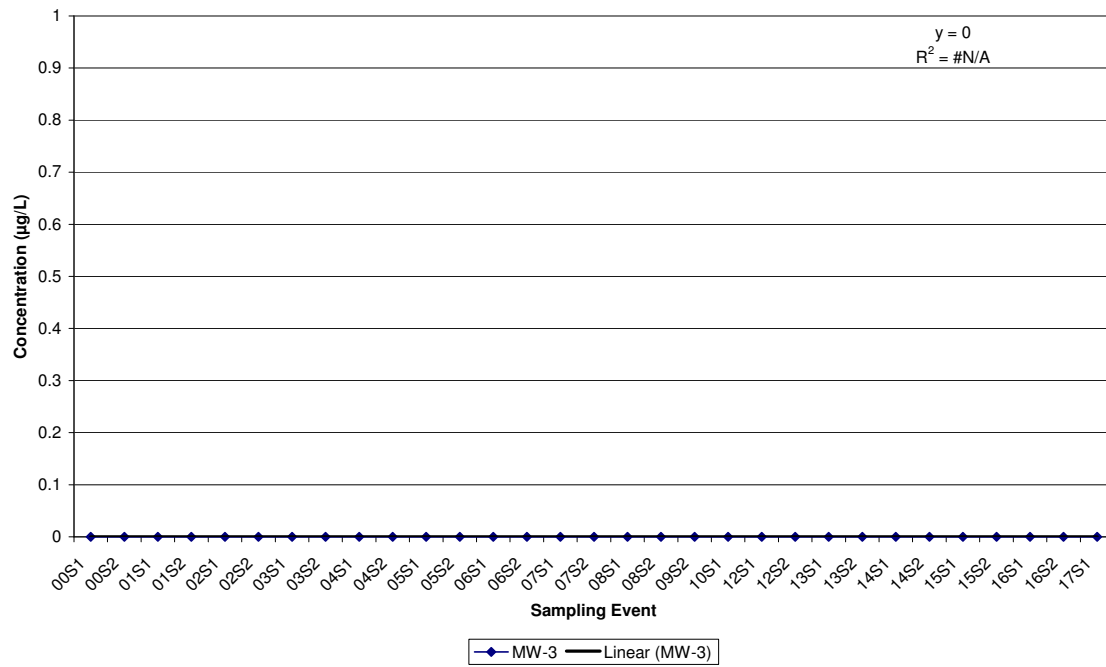


Citrus County Central Landfill
Historic Vinyl chloride in MW-21

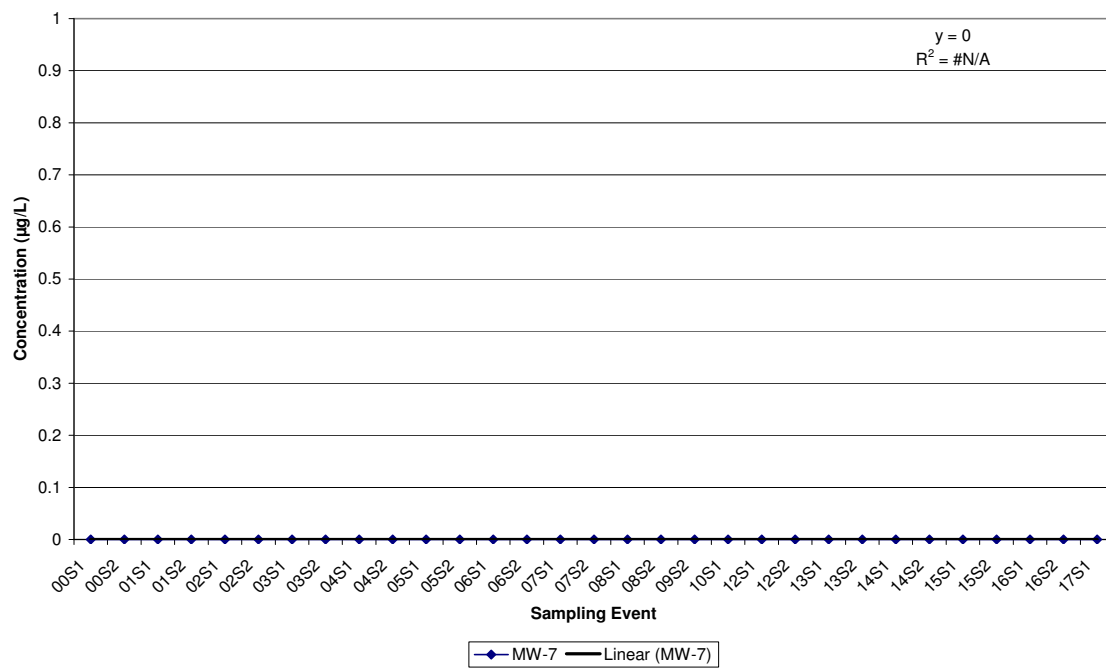


**Citrus County Central Landfill
Historical Dichloromethane Data**

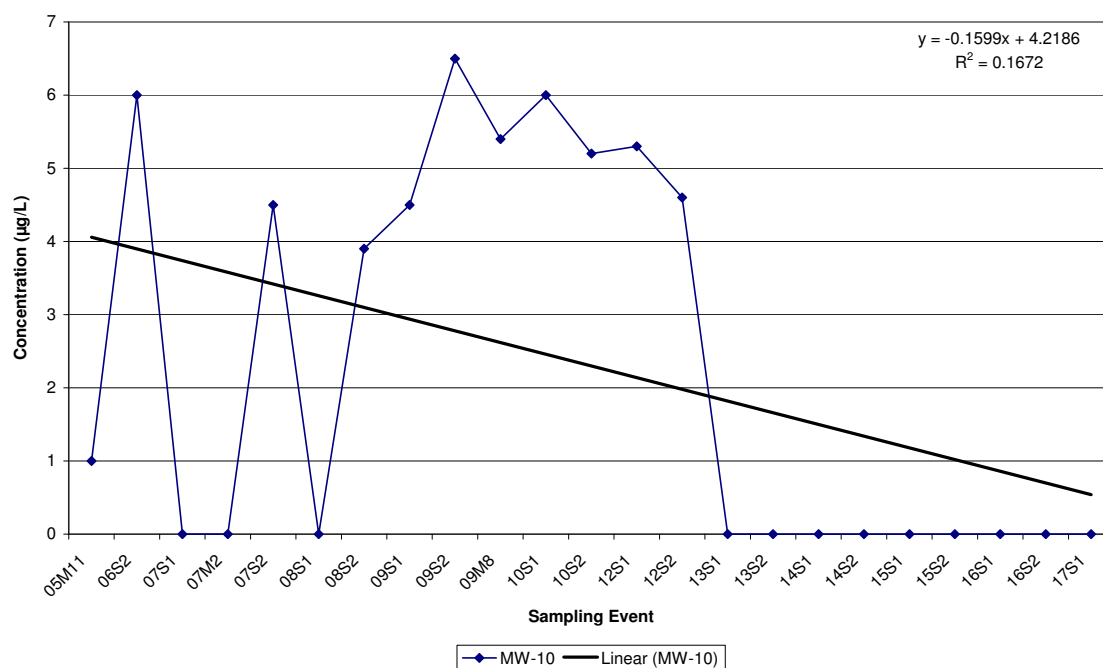
**Citrus County Central Landfill
Historic Methylene chloride in MW-3**



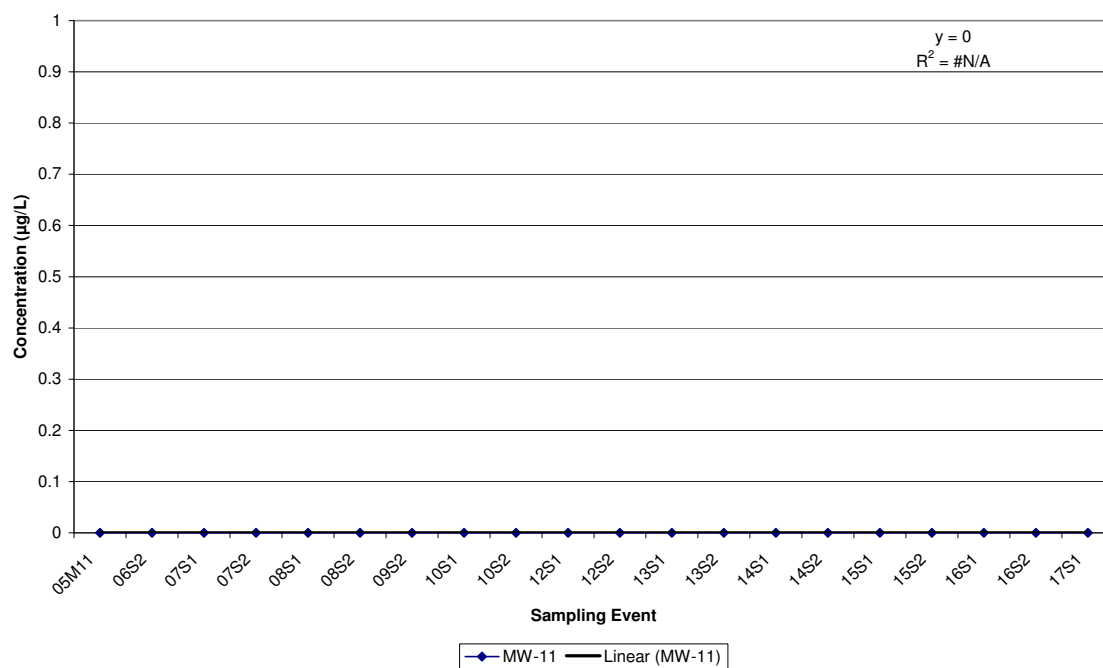
**Citrus County Central Landfill
Historic Methylene chloride in MW-7**



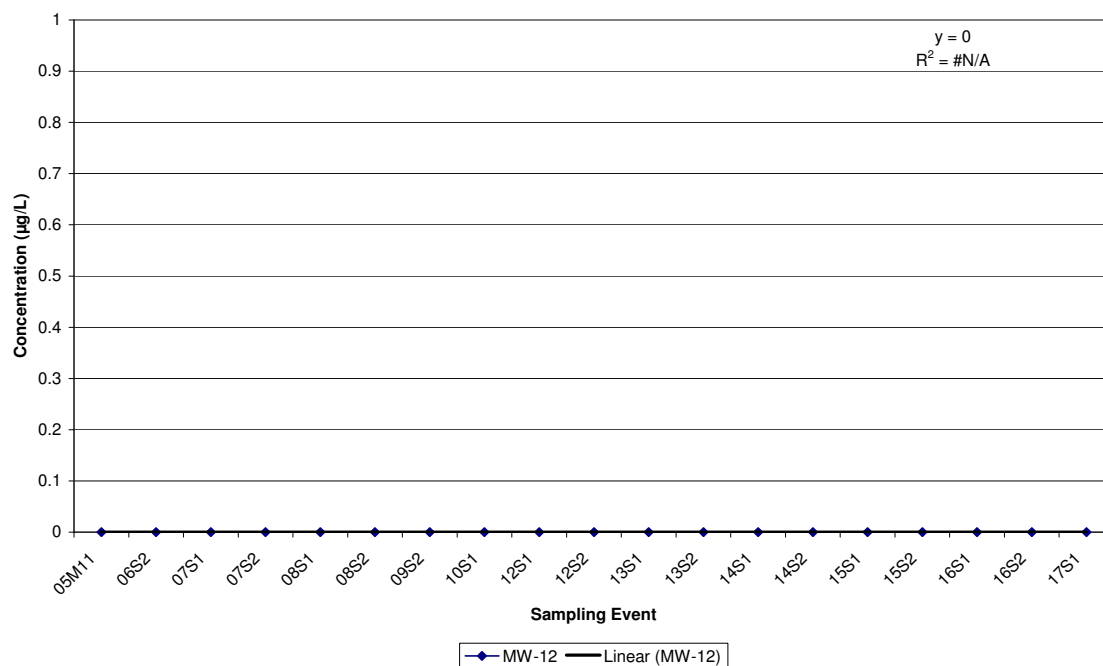
**Citrus County Central Landfill
Historic Methylene chloride in MW-10**



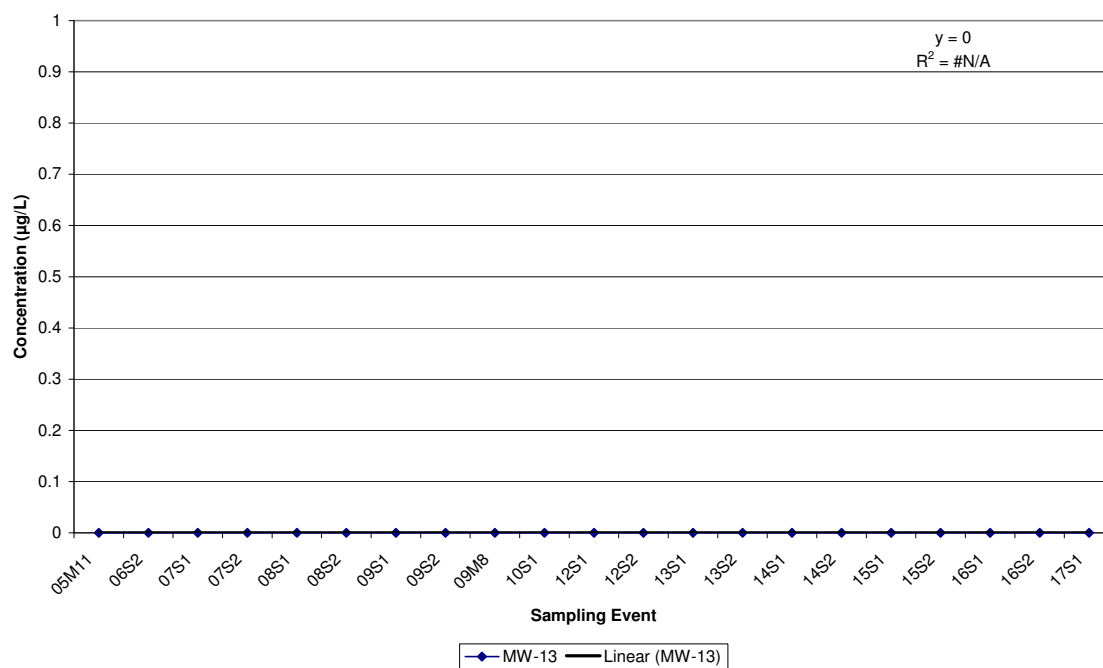
**Citrus County Central Landfill
Historic Methylene chloride in MW-11**



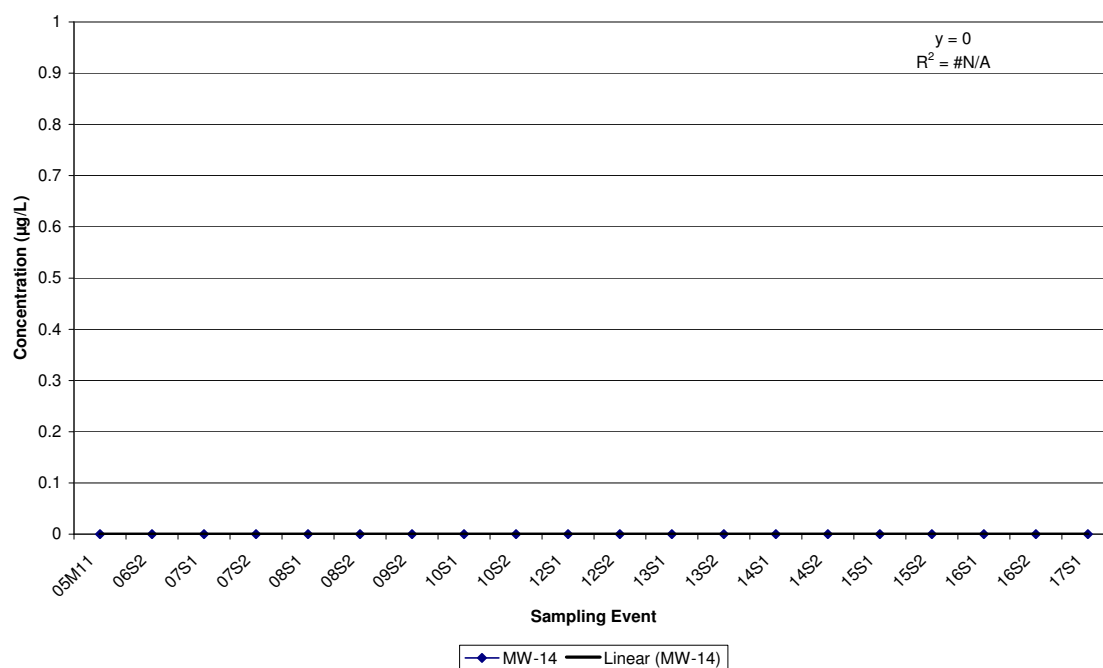
**Citrus County Central Landfill
Historic Methylene chloride in MW-12**



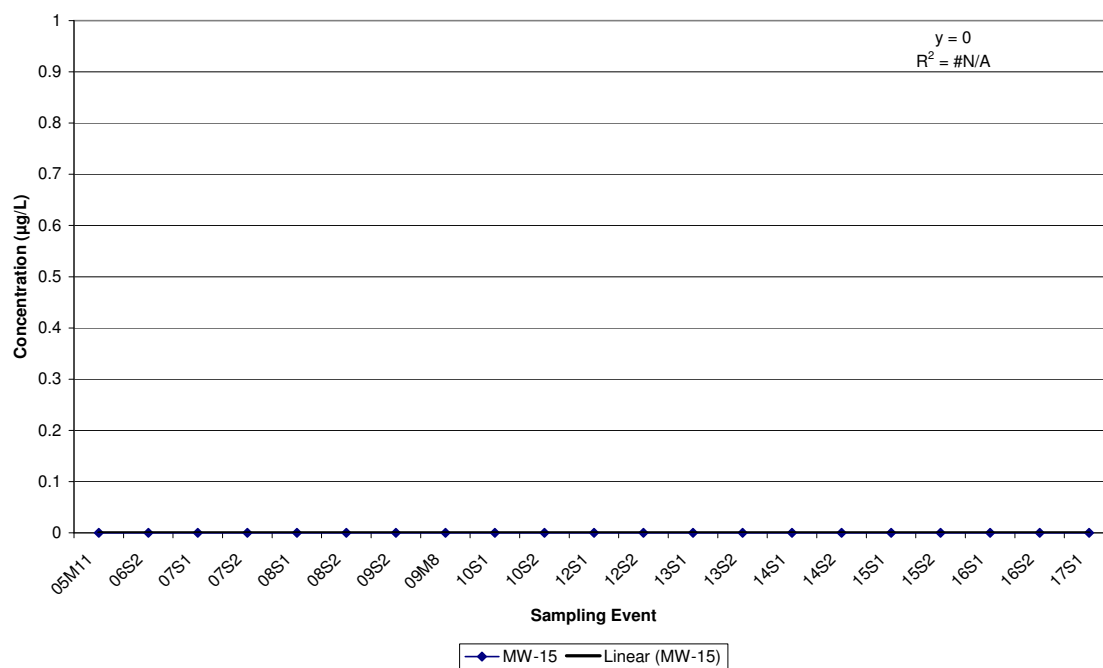
**Citrus County Central Landfill
Historic Methylene chloride in MW-13**



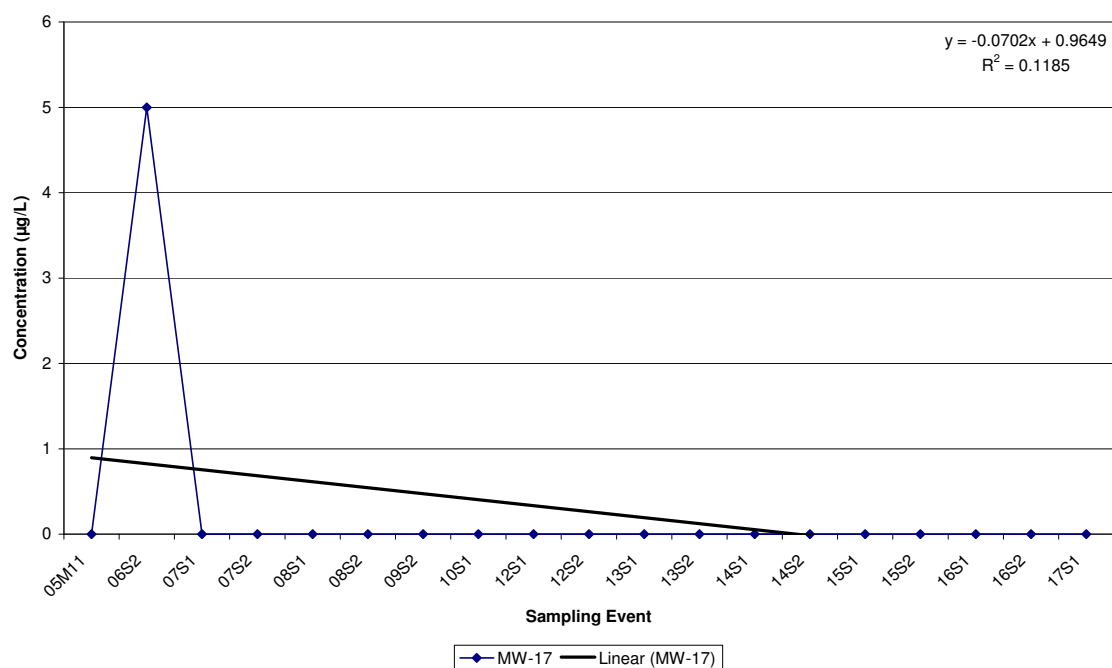
**Citrus County Central Landfill
Historic Methylene chloride in MW-14**



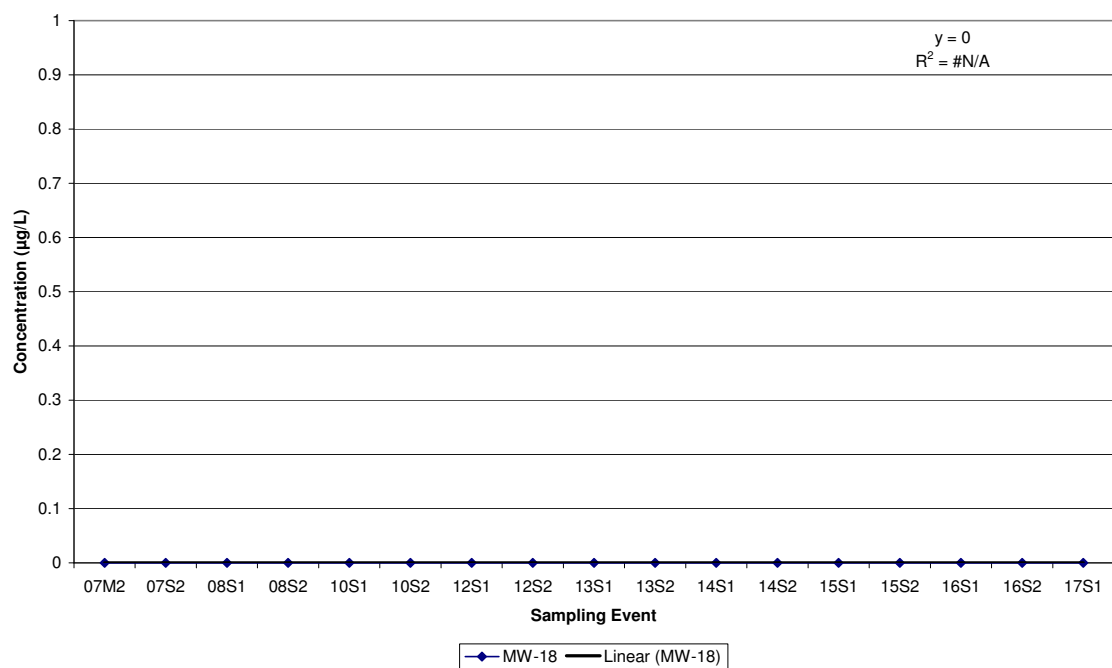
**Citrus County Central Landfill
Historic Methylene chloride in MW-15**



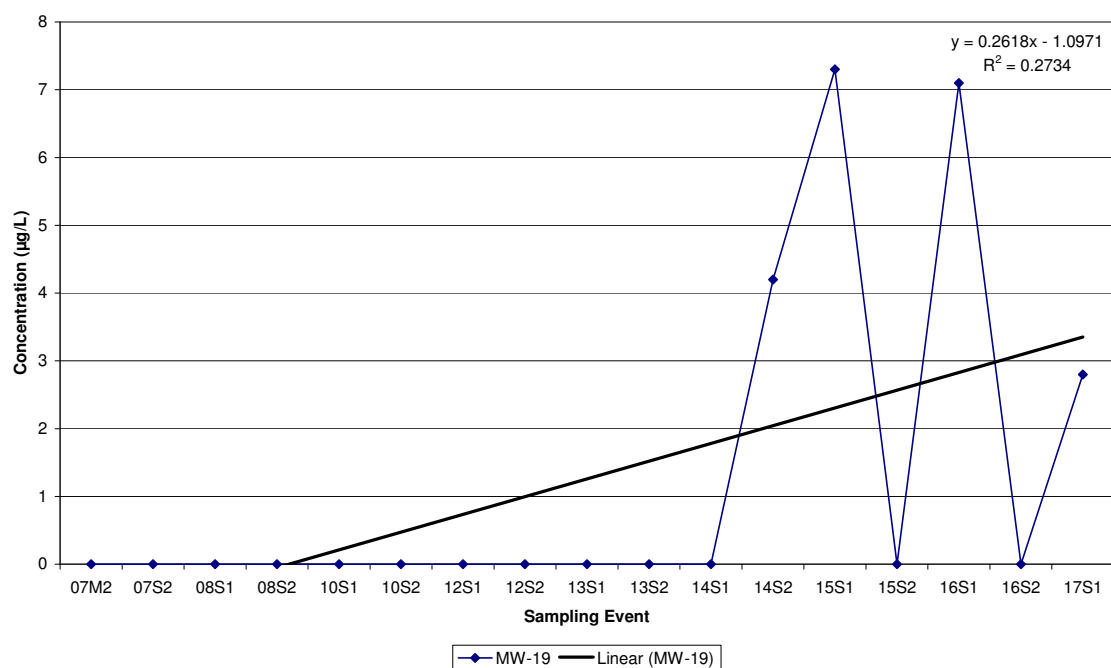
**Citrus County Central Landfill
Historic Methylene chloride in MW-17**



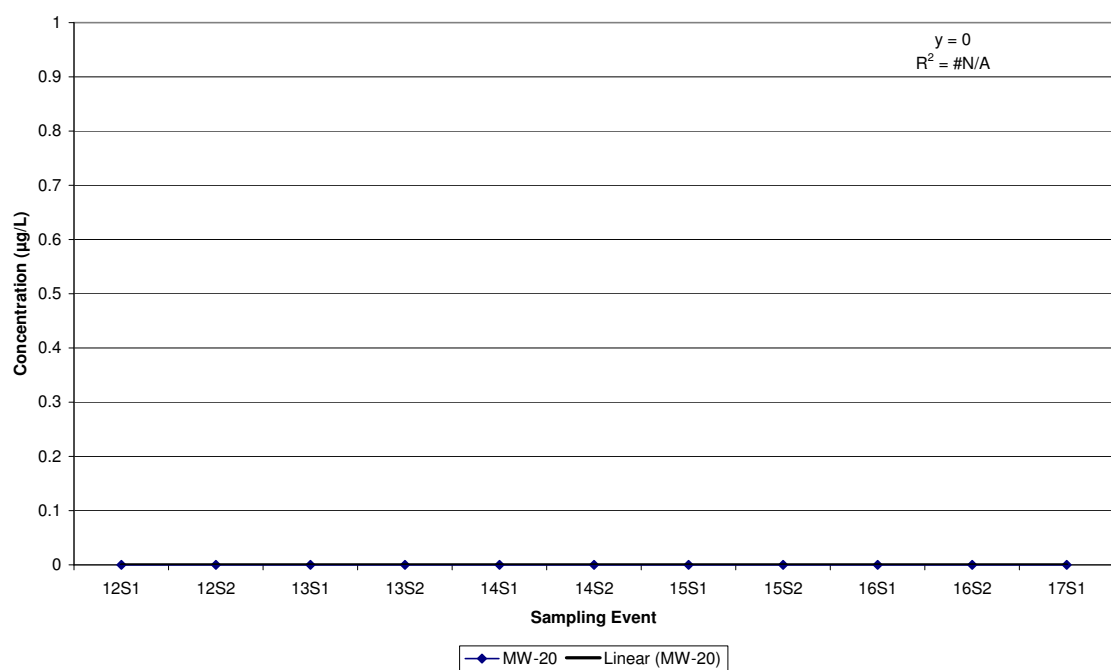
**Citrus County Central Landfill
Historic Methylene chloride in MW-18**



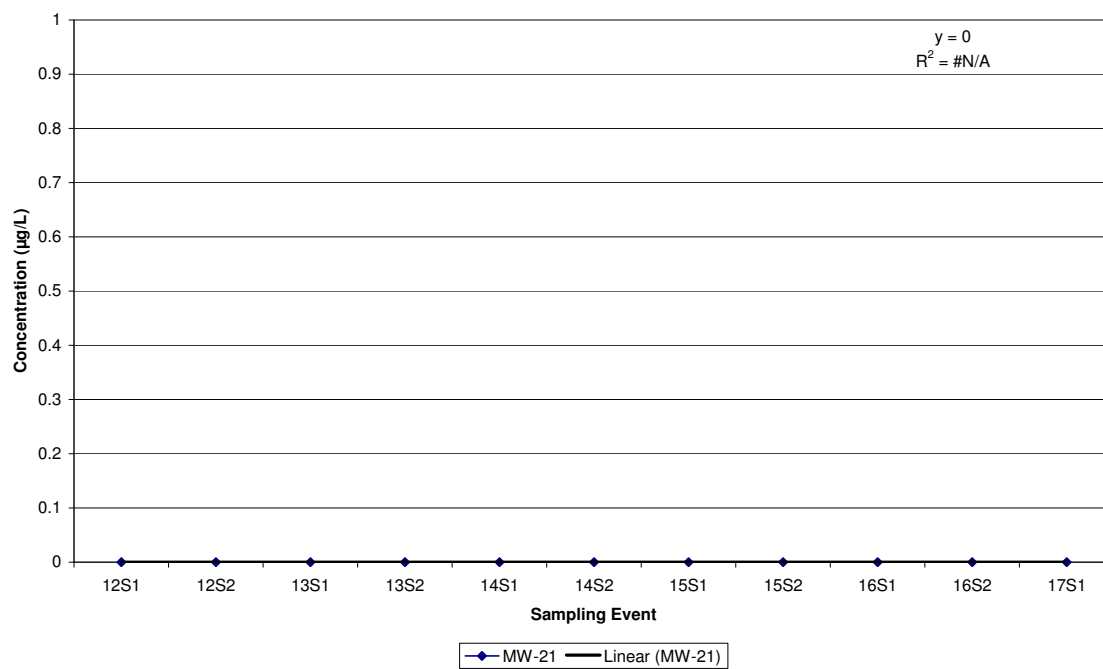
**Citrus County Central Landfill
Historic Methylene chloride in MW-19**



**Citrus County Central Landfill
Historic Methylene chloride in MW-20**

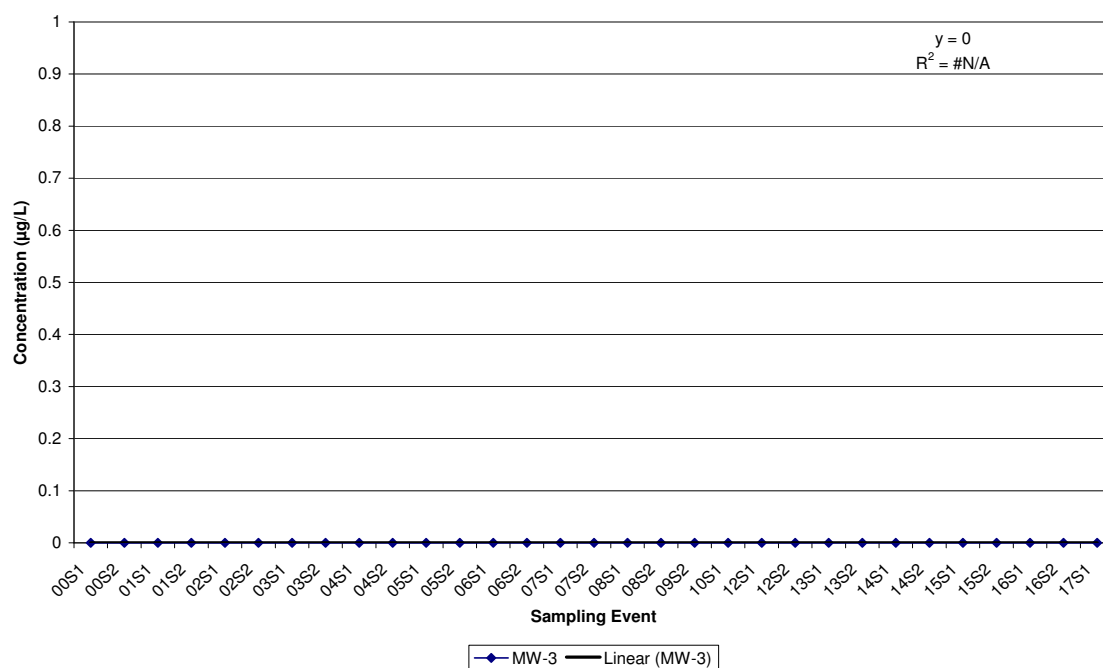


Citrus County Central Landfill
Historic Methylene chloride in MW-21

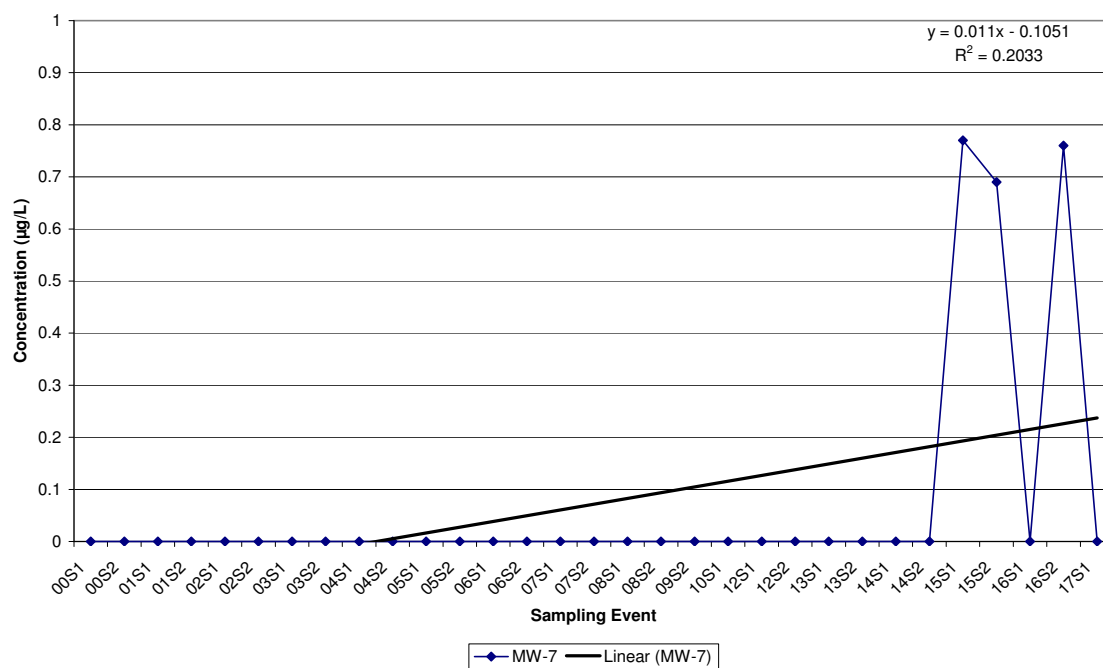


Citrus County Central Landfill
Historical cis-1,2-Dichloroethene Data

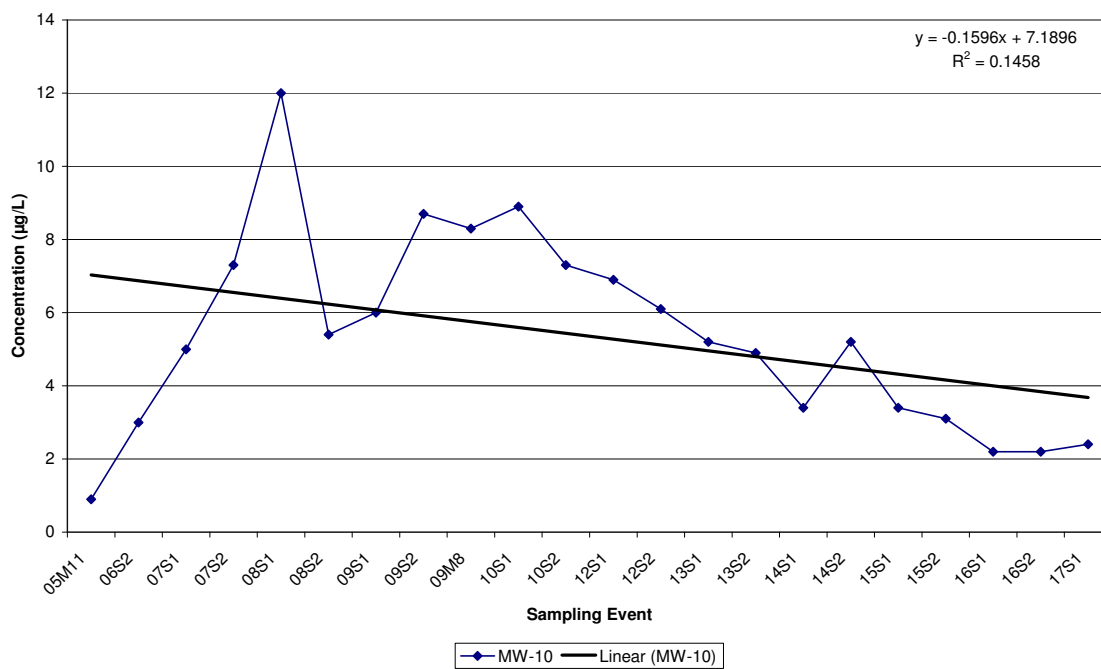
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-3**



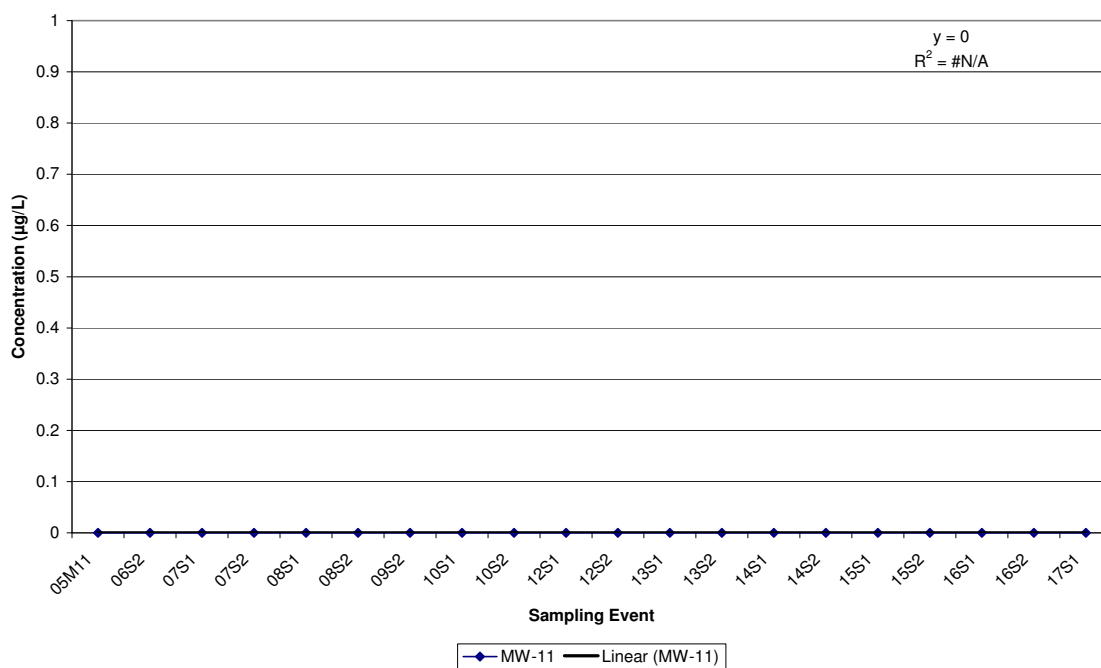
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-7**



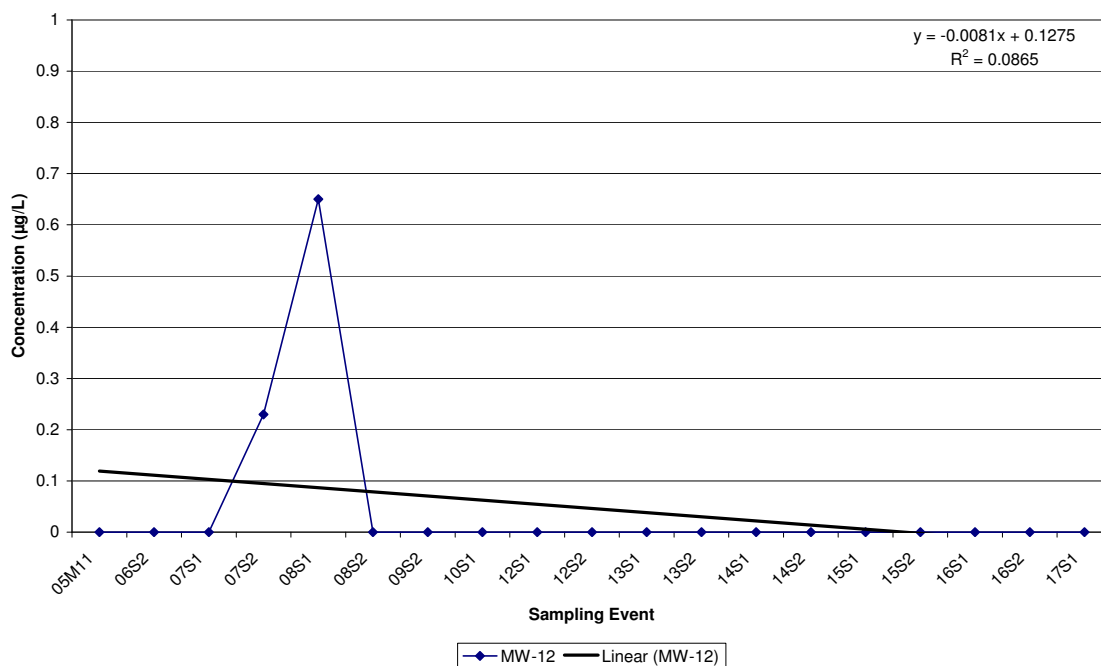
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-10**



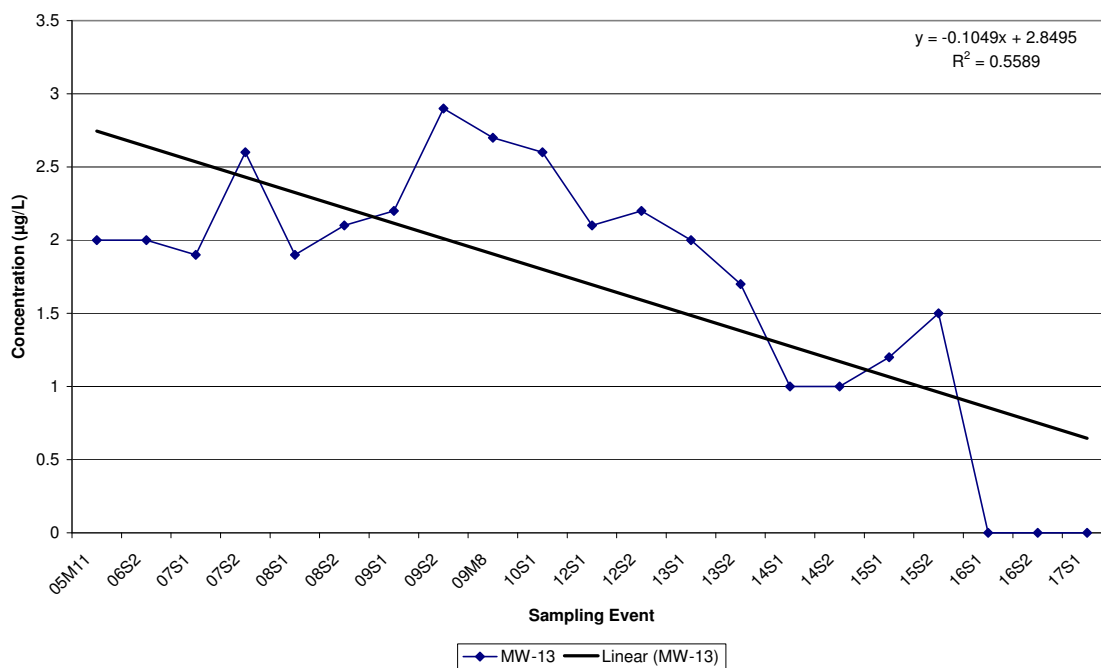
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-11**



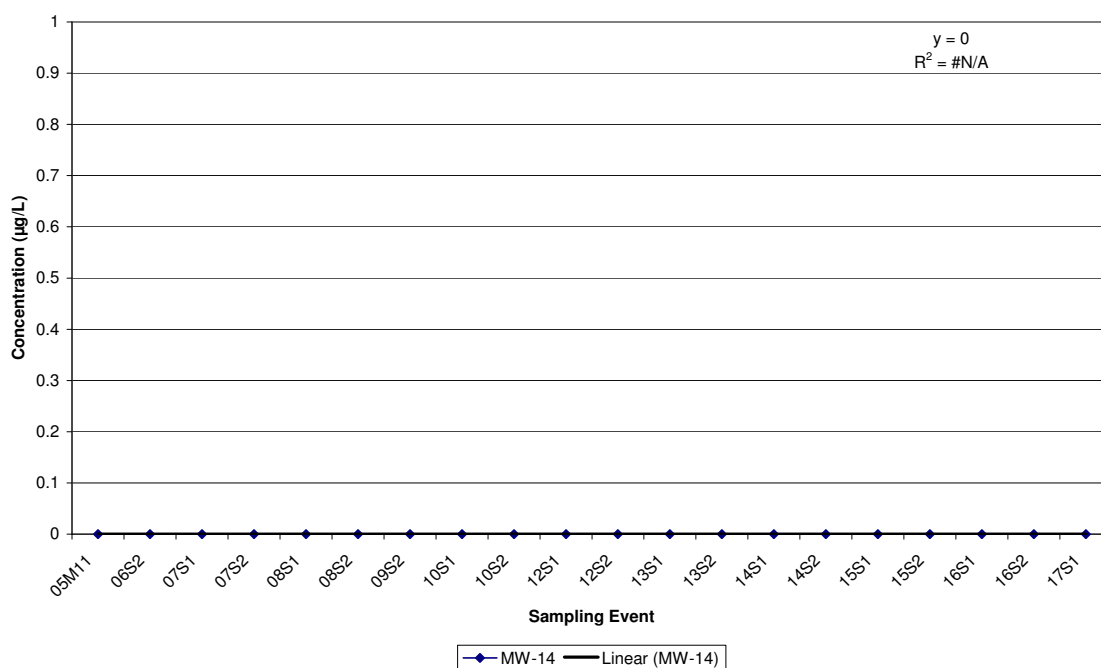
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-12**



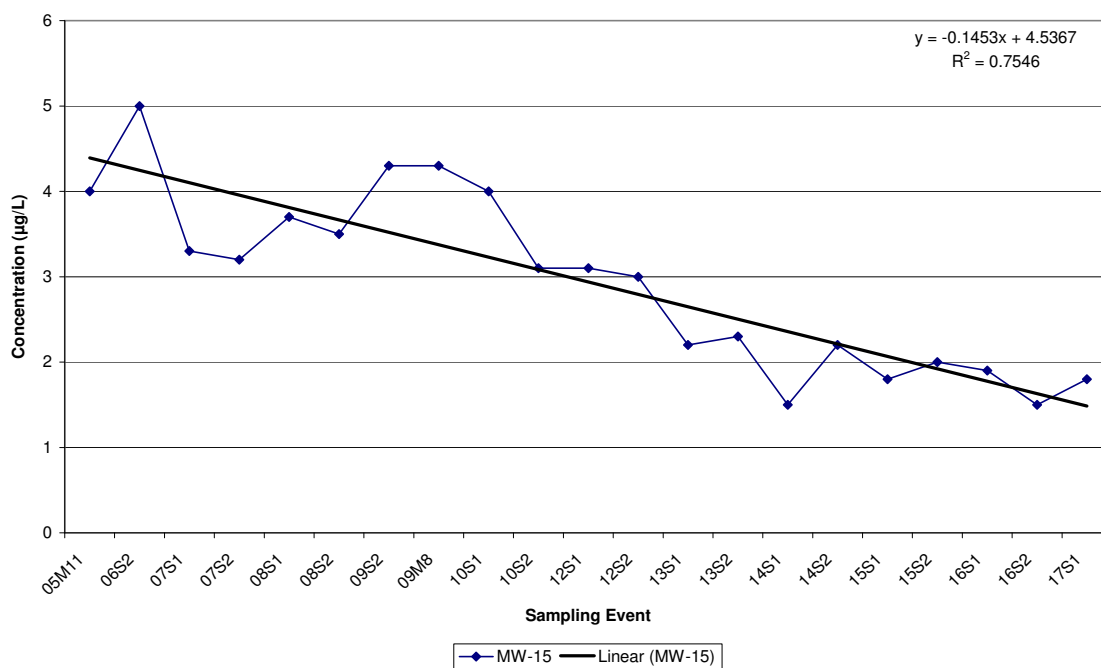
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-13**



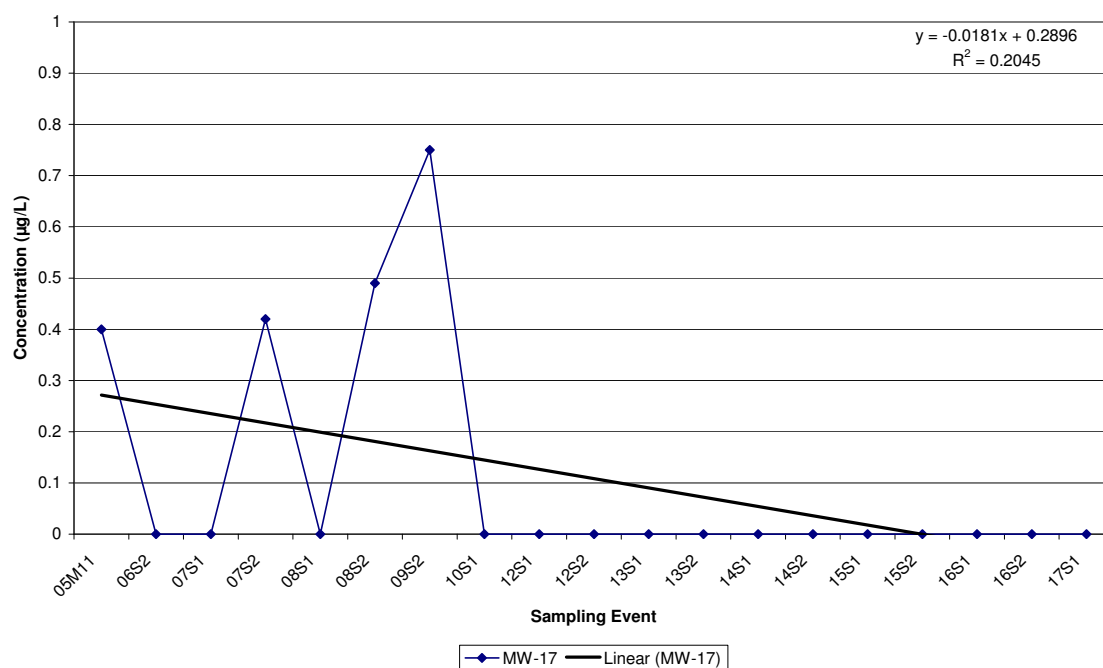
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-14**



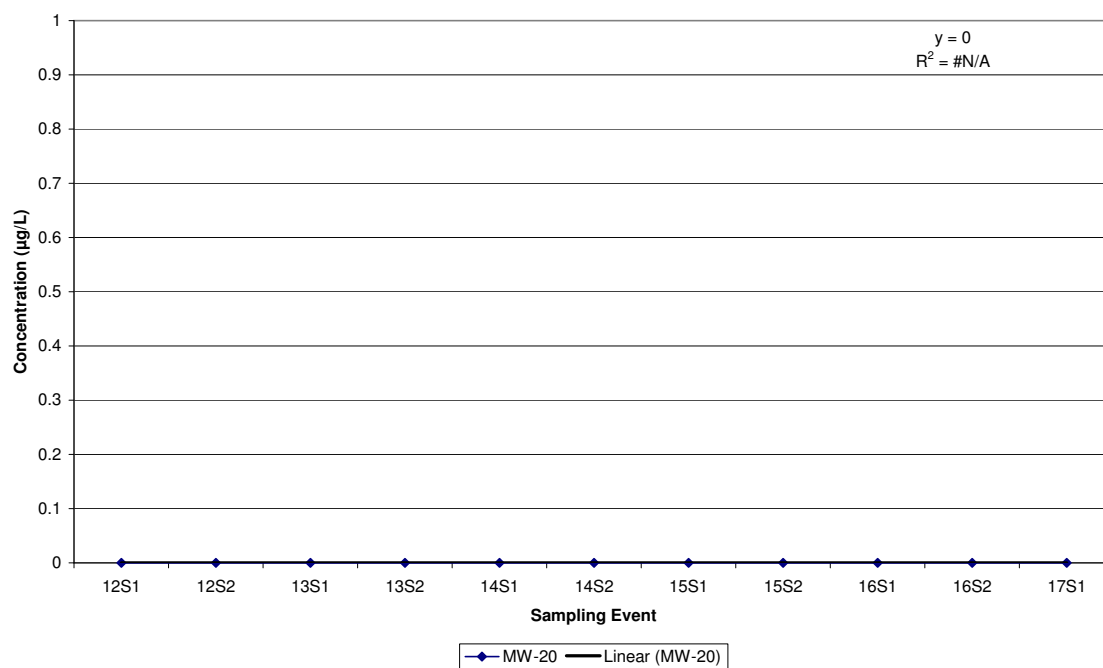
**Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-15**



Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-17



Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-20



Citrus County Central Landfill
Historic cis-1,2-Dichloroethene in MW-21

