OCTOBER 2019

2018 / 2019

Urban Runoff Discharge Annual Monitoring Report

Submitted to:
County of Sacramento
City of Sacramento
City of Citrus Heights
City of Elk Grove
City of Folsom
City of Galt
City of Rancho Cordova

LARRY WALKER ASSOCIATES

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List of Acronyms

BOD	Biochemical Oxygen Demand
CDEC	California Data Exchange Center
CEDEN	California Environmental Data Exchange Network
CSU	California State University at Sacramento
CoC	Chain-of-Custody
COD	Chemical Oxygen Demand
DNQ	Detected but Not Quantified
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
DQEP	Data Quality Evaluation Plan
EC	Electrical Conductivity
EDD	Electronic Data Deliverable
EMC	Event Mean Concentration
EPA	Environmental Protection Agency
LCS	Laboratory Control Spike
LWA	Larry Walker Associates
MDL	Method Detection Limit
MQO	Measurement Quality Objective
MRP	Monitoring and Reporting Program
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MS4	Municipal Separate Storm Sewer System
MST	Microbial Source Tracking
NOA	Notice of Applicability
NPDES	National Pollutant Discharge Elimination System
NWS	National Weather Service
OP	Organophosphate
PAH	Polycyclic Aromatic Hydrocarbon
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RPD	Relative Percent Difference

List of Acronyms, continued

SAP	Sampling & Analysis Plan
SQIP	Stormwater Quality Improvement Plan
SRCSD	Sacramento Regional County Sanitation District
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
TME	Thunder Mountain Enterprises, Inc.
TOC	Total Organic Carbon
TPH	Total Petroleum Hydrocarbon
TPPH	Total Purgeable Petroleum Hydrocarbon
TSS	Total Suspended Solids
USGS	United States Geological Survey

Introduction

The County of Sacramento and the cities of Folsom, Galt, Elk Grove, Rancho Cordova, Citrus Heights, and Sacramento (collectively known as "the Permittees") were granted a Notice of Applicability (NOA) for the Central Valley Regional Water Quality Control Board (Regional Water Board)'s National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) General Permit (MS4 General Permit, NPDES No. CAS0085324, Order No. R5-2016-0040)[1], which regulates stormwater discharge for municipal and county agencies within the Central Valley. The MS4 General Permit refers to the Partnership's previous permit's monitoring plan[2] until a revised monitoring plan is approved by the Regional Water Board as part of the Stormwater Quality Improvement Plan (SQIP). The Partnership's 2016-2019 Annual Work Plan specifies urban runoff discharge monitoring during fiscal year 2018-2019. The monitoring described in this report was performed in compliance with the 3-year Annual Work Plan. To complete the monitoring activities, the Permittees collaborate jointly as the Sacramento Stormwater Quality Partnership (Partnership).

This report describes the following information for the 2018/2019 fiscal year Urban Runoff Discharge Monitoring Program: urban runoff discharge monitoring sites, methods utilized for sample collection and analysis, field activities conducted during the monitoring events, quality assurance/quality control analysis of all laboratory data, and results of all field and laboratory measurements.

The monitoring locations specified in the 2018-2019 Annual Work Plan include three urban runoff discharge monitoring sites: 1) Sump 111, 2) Strong Ranch Slough, and 3) North Natomas Detention Basin No. 4. During the 2018/2019 monitoring year, the Partnership's consultant team led by Larry Walker Associates (LWA), Thunder Mountain Enterprises, Inc. (TME), and Pacific EcoRisk (PER) collected samples at all three sites for four separate events, three wet weather and one dry weather events.

[1] The MS4 General Permit was adopted on June 23, 2016, became effective on October 1, 2016, and will expire on September 30, 2021. The Cities' and County's MS4s are assigned the following General Order Nos.: City of Citrus Heights MS4 (R5-2016-0040-004), City of Elk Grove MS4 (R5-2016-0040-005), City of Folsom MS4 (R5-2016-0040-006), City of Galt MS4 (R5-2016-0040-007), City of Rancho Cordova MS4 (R5-2016-0040-008), City of Sacramento MS4 (R5-2016-0040-009), and County of Sacramento MS4 (R5-2016-0040-010).

[2] The Partnership's Limited Term NPDES permit Order No. R5-2015-0023 refers to the monitoring and reporting program (MRP) requirements of R5-2008-0142.

Summary of Monitoring Sites and Methods

The urban runoff discharge monitoring stations as well as the sample collection and analytical methods utilized during the 2018/2019 monitoring program are described below.

URBAN RUNOFF DISCHARGE MONITORING LOCATIONS

During the 2018/2019 monitoring season, the Partnership's consultant team collected stormwater samples at three urban runoff discharge sites: Sump 111 (UR3), Strong Ranch Slough (UR2S), and North Natomas Detention Basin No. 4 (UR5). The street addresses and coordinates for these sites are shown in **Table 1**, and an overview area map is provided as **Figure 1**. All three sites are equipped with automated samplers. A brief summary of each station is provided in the subsections that follow. More detailed descriptions of all monitoring stations, including site location maps, can be found in the *2018/2019 Urban Discharge Sampling & Analysis Plan (SAP)*[3], included as **Appendix A** to this report.

Table 1. Urban Runoff Discharge Monitoring Site Locations

Site	Address	Latitude	Longitude
Sump 111 (UR3)	798 North 5th Street, Sacramento, CA 95835	38.601237	-121.492729
Strong Ranch Slough (UR2S)	967 Venture Court, Sacramento, CA 95821	38.584985	-121.417627
North Natomas Detention Basin No. 4 (UR5)	5151 Crest Dr. Sacramento, CA 95835	38.667779	-121.506603

[3] *2018/2019 Sacramento Stormwater NPDES Monitoring Urban Discharge Sampling & Analysis Plan*. Prepared for the Sacramento Stormwater Quality Partnership by Larry Walker Associates. October 2018.

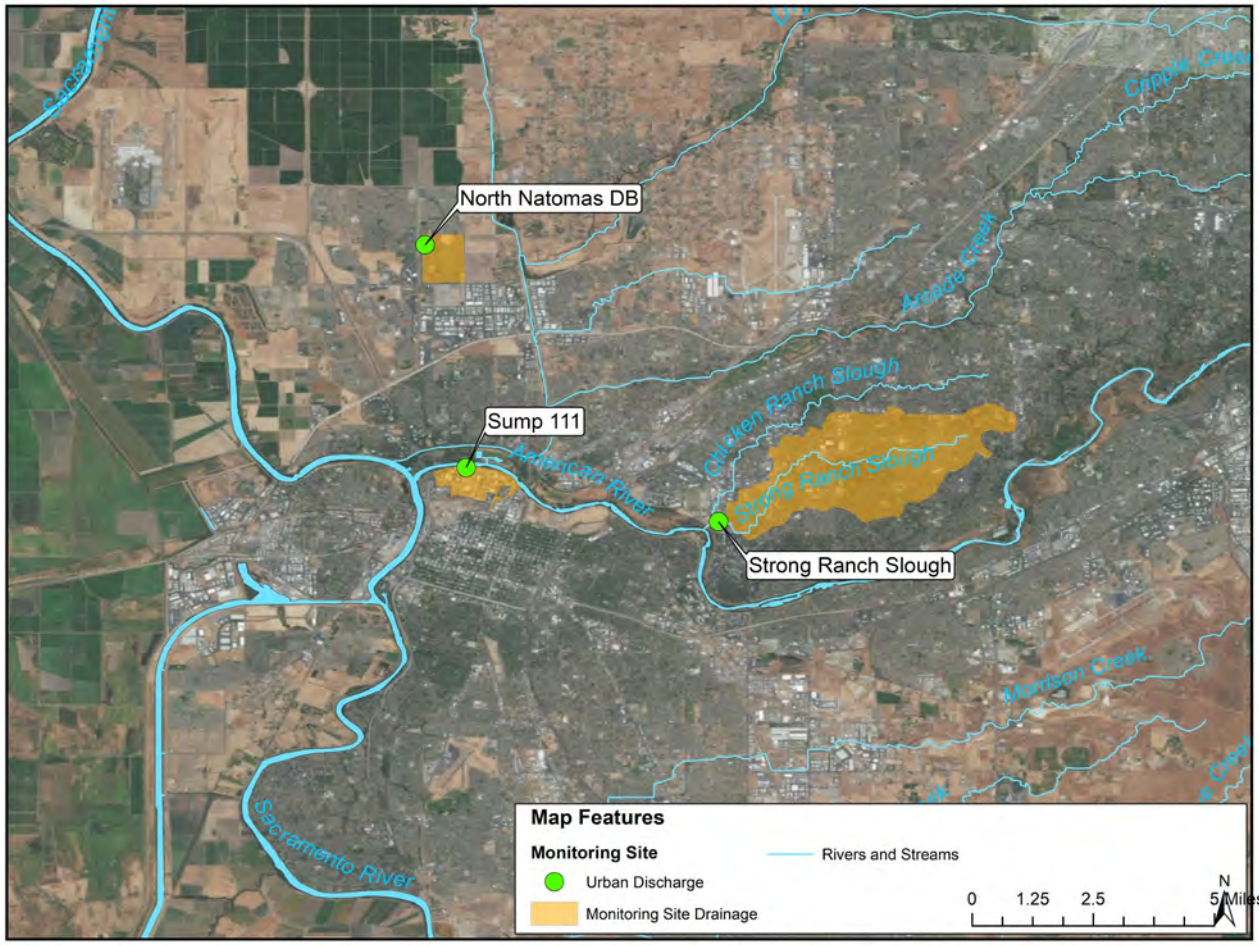

Figure 1. Area Overview and Monitoring Site Locations

Sump 111 (Monitoring Site ID: UR3)

Sump 111 is a wet well collection point for stormwater drained from an industrial and commercial 439-acre area located in the City of Sacramento. Three storm pumps and one summer pump convey water to the American River. The Partnership has collected samples at this location since the 1989/1990 storm season.

Strong Ranch Slough (Monitoring Site ID: UR2S)

Strong Ranch Slough drains a 4,446-acre mixed-use area located in the County of Sacramento. At the sampling point, a trapezoidal channel conveys runoff from Strong Ranch Slough into a holding pond (D5 Basin) before being conveyed to the American River via pump or gravity flow. Stormwater samples have been collected at this location since the 1994/1995 storm season. From the 1989/1990 storm season through the 1993/1994 storm season, samples were collected at a location downstream, above the inlet to the D5 Basin, after Strong Ranch Slough and Chicken Ranch Slough converge.

North Natomas Detention Basin No. 4 (Monitoring Site ID: UR5)

North Natomas Detention Basin No. 4 is a collection point for stormwater drained from a 470-acre area of residential development located in North-West Sacramento, before it is pumped into the East Drainage Canal, which is tributary to the Main Drainage Canal that eventually drains into the Sacramento River, upstream of its confluence with Steelhead Creek (Natomas East Main Drain). The drainage area served by the basin was built according to the Partnership's new development standards. The basin was designed to hold water year-round and provide water quality treatment. As part of the Wet Detention Basin Effectiveness Study[4], this site was monitored at the inlet location of the detention basin from 2008 to 2010 and has been monitored at the outlet location since 2008. The outlet pump station discharge is the focus of this discharge monitoring study. The Partnership has collected samples at this location since the 2007/2008 storm season.

STORM SELECTION

Wet weather events are primarily selected for monitoring by assessing storm forecasts against storm selection criteria determined before the beginning of the monitoring year. Data gaps for antecedent conditions (days since last rainfall, cumulative rainfall to date, etc.) and total event rainfall are considered to target collection of different types of rainfall events. Primarily, seasonal first flush, large events, and longer antecedent dry periods are targeted, though other factors are considered. Secondary considerations in storm selection are the certainty of storm forecasts, the conditions at the monitoring locations (e.g., hazards, non-representative conditions, etc.) and any external coordination conditions (e.g., urban tributary, special studies, etc.). Storm selection criteria are described in the SAP.

[4] Sacramento Stormwater Quality Partnership. *Wet Detention Basin Effectiveness Study*. Prepared by Geosyntec Consultants. August 31, 2010.

SAMPLE COLLECTION SUMMARY

Table 2 summarizes the monitoring events that were conducted for the urban runoff discharge monitoring program during the 2018/2019 monitoring season. Samples were collected at all three sites (UR3, UR2S, and UR5) during three wet weather events (WW63, WW64, and WW65) and one dry weather event (DW29).

Table 2. Summary of 2018/2019 Urban Runoff Discharge Monitoring Activities

Monitoring Stations	Monitoring Events			
	WW63 [1]	**WW64**	**WW65**	**DW29**
	11/29-30/2018	01/05-07/2019	02/02-03/2019	05/07-08/2019
Sump 111 (UR3)	✓	✓	✓	✓
Strong Ranch Slough (UR2S)	✓	✓	✓	✓
North Natomas Detention Basin No. 4 (UR5)	✓	✓	✓	✓

Notes:

[1] This was not a seasonal first flush event that is typically targeted. The seasonal first flush event occurred during the Thanksgiving monitoring exclusion period approximately one week before the first monitored event of the season.

The Partnership's consultant team field crew collected both grab and composite samples (**Table 3**). Flow-proportioned composite samples were collected to characterize runoff for up to twenty-four hours of the entire storm event. Time-proportioned composite samples were collected for a 24-hour period to characterize dry weather urban runoff.

During the wet seasons, the Partnership collected "continuous" sensor measurements at the urban discharge monitoring locations to augment event data as well as to provide information in between monitoring events. These "data sondes" provide real-time access via mobile data links for the collection of field information such as stage, water temperature, and turbidity. These continuous data stations were installed for the 2018/2019 monitoring year at all three sites.

Analytical Methods

Samples were analyzed for the constituents shown in **Table 3**, which contains all required constituents listed in Table B of the Partnership's previous Limited Term NPDES permit's MRP[5]. Field measurements, including dissolved oxygen **(**DO), pH, electrical conductivity (EC), and water temperature were measured in the field during sample collection.

[5] Table B from the Limited Term NPDES permit (Order No. R5-2015-0023) Monitoring and Reporting Program (MRP) was incorporated as part of the 2016-2019 3-year Annual Work Plan.

Table 3. Water Quality Constituents Analyzed in the 2018/2019 Monitoring Year

Lab	Analysis	Method	Sample Type
Field	Dissolved Oxygen, Electrical Conductivity, pH, and Temperature (Water & Air)	Field Probe	Grab/ *In-situ*
Caltest	Alkalinity	SM 2320 B	Composite
Caltest	Biochemical Oxygen Demand (BOD_5)	SM 5210 B	Composite
Caltest	Chemical Oxygen Demand (COD)	EPA 410.4/ SM 5220 D	Composite
Caltest	Dissolved Organic Carbon/Total Organic Carbon (DOC/TOC)	SM 5310 B	Grab
Caltest	Electrical Conductivity (EC)	SM 2510 B	Composite
Caltest	Hardness, as $CaCO_3$	SM 2340 C	Composite
Caltest	Suspended Sediment Concentration (SSC)	ASTM D 3977 B-Filtration	Composite
Caltest	Total Dissolved Solids (TDS)	SM 2540 C	Composite
Caltest	Total Suspended Solids (TSS)	SM 2540 D	Composite
Caltest	Turbidity	EPA 180.1	Composite
Caltest	Nitrate + Nitrite as N	EPA 353.2/ SM4500-NO3 F	Composite
Caltest	Phosphorus as P, Total	SM 4500-P B/F	Composite
Caltest	Total Kjeldahl Nitrogen	SM 4500-NH3 C	Composite
Caltest	Total Petroleum Hydrocarbons (Diesel & Motor Oil)	EPA 8015M	Grab
Caltest	Total Purgeable Petroleum Hydrocarbons (Gasoline)	SW846 5030B/8260B	Grab
Caltest	Metals, Dissolved (Cu, Fe, Pb, Zn)	EPA 200.8	Composite
Caltest	Metals, Total (Cu, Fe, Pb, Zn)	EPA 200.8	Composite
Caltest	Mercury, Total	EPA 1631E	Grab
Caltest	Methylmercury	EPA 1630	Grab
Caltest [1]	Pyrethroid Pesticides + Chlorpyrifos, Diazinon, and Fipronil	EPA 8270M	Composite
PHYSIS	Organophosphate (OP) Pesticides	EPA 625	Composite
PHYSIS	Polycyclic Aromatic Hydrocarbons (PAHs)	EPA 625	Composite
SRCSD [2]	*E. coli* and Fecal Coliform	SM 9221 E/ SM 9221 F	Grab

Notes: Table B from the Limited Term NPDES permit (Order No. R5-2015-0023) MRP was incorporated as part of the 2016-2019 3-year Annual Work Plan.

[1] Analyses for chlorpyrifos and diazinon are also performed by PHYSIS using the EPA 625 method, however, Caltest's method (i.e., EPA 8270M) is considered to be the primary result because of better quantification levels. Secondary samples are considered quality control samples for verification of results.

[2] SRCSD = Sacramento Regional County Sanitation District treatment plant laboratory.

Review of Monitoring Year

Pre-season activities and urban runoff monitoring activities for the 2018/2019 monitoring season are described in the following subsections.

PRE-SEASON ACTIVITIES

Field Crew Training

A field crew training session was held on October 22, 2018 at the TME office located in Sacramento, CA. Primary field crew personnel attended the training session or follow-up one-on-one training, including staff from LWA and TME. Field crews conducted site visits to review safety, access, and sampling protocols. The Quality Assurance Project Plan (QAPP)[6] and SAP were distributed at this training session. The QAPP documents overall project performance standards (e.g., measurement quality objectives) and practices for all Partnership monitoring studies, while the SAP provides site and study specific protocols that complement the QAPP.

Pre-Season Site Assessments

Before the beginning of the monitoring season, the Partnership's consultant team field crews conducted site visits to prepare for the upcoming monitoring events and to ensure safe access at each site. Each monitoring site was inspected for debris. Weed growth in the area was cut back or removed to enable unobstructed site access. Safety and security were assessed. Any concerns were promptly corrected or relayed to the appropriate agency. The field crews also installed tubing, continuous sensors, and fixed or replaced any sampling hardware that required maintenance.

Continuous Sensors

Continuous flow stage meters as well as temperature and turbidity sensors were installed at Sump 111 (UR3), Strong Ranch Slough (UR2S), and North Natomas Detention Basin No. 4 (UR5) monitoring sites. Sensors at all sites were programmed to collect and record measurements every five minutes. Sensors are calibrated before and after deployment and data are adjusted for any drift during deployment.

Field Equipment Preparation

Prior to the beginning of the monitoring season, the field crew inventoried the available field equipment and ordered sample bottles and other items, as necessary. Other field sampling and safety equipment was prepared according to the SAP.

MONITORING ACTIVITIES

During the 2018/2019 reporting year (i.e., July 1, 2018 through June 30, 2019), approximately 26.13 inches (") of rain was observed in Sacramento by the National Weather Service (NWS)

[6] Larry Walker Associates. Sacramento Stormwater Quality Partnership Quality Assurance Project Plan. September 2018.

rain gauge located at the California State University at Sacramento (CSU) station.[7] Historically, the CSU station has been used to report annual precipitation in annual monitoring reports as representative of the larger permitted area, unless site gauges are available. For this monitoring year, rain gauges were installed at each of the three urban discharge monitoring sites. Approximately 28.27", 24.66", and 26.37" of rain was observed at the UR3, UR2S, and UR5 monitoring stations, respectively. The cumulative precipitation observed at each urban runoff discharge station as well as the daily and cumulative precipitation recorded at the CSU station are presented in **Figure 2**. The sequence of monitoring events is noted in **Figure 2**.

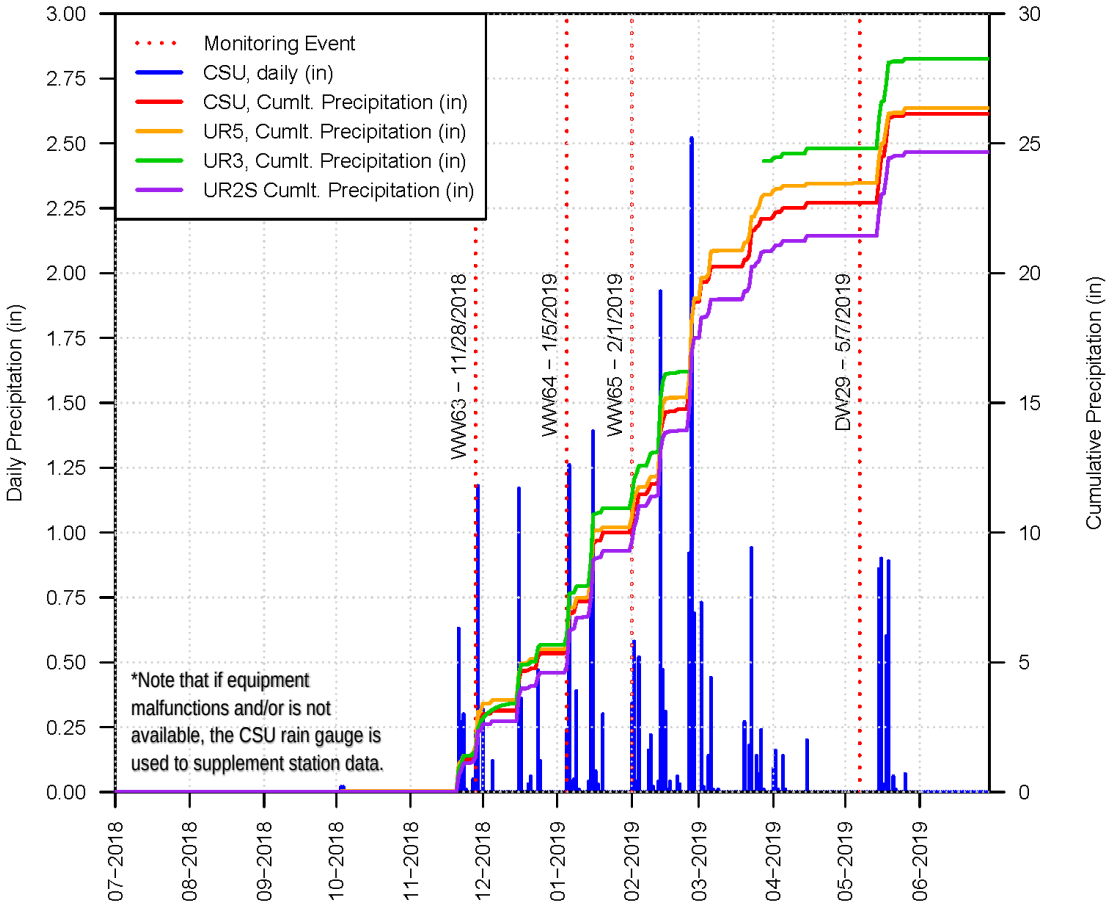

Figure 2. Daily Precipitation Observed at the CSU Station and Cumulative Precipitation Observed at the CSU, UR3, UR2S, and UR5 Stations (July 2018 through June 2019)

[7] https://cdec.water.ca.gov/

Weather Tracking and Event Selection

The tracking of approaching storm systems was primarily accomplished using weather information provided by the Western Weather Group, a weather forecasting contractor. Western Weather Group's forecasts were supplemented by weather and forecast data available on the National Weather Service website.[8] Western Weather Group forecasting services consisted of two components: 1) daily written forecasts provided on Monday through Friday or, by request, on other days, that include probabilities of precipitation and expected precipitation amounts, as well as the expected start and stop times for predicted storms during the succeeding six-day period; and 2) around-the-clock access to Western Weather Group's forecasters for telephone consultation regarding impending storm events.

LWA evaluated rainfall records from each station's rain gauge to identify storm events during the 2018/2019 monitoring year. **Table 4** summarizes the storm events identified since the beginning of the storm season, antecedent dry periods, and antecedent cumulative annual rainfall. Storm events are identified when at least 0.1" of precipitation occurs within a six-hour period and ends when there is a six-hour period with less than 0.1" of precipitation. In this way, some days may contain multiple events. Sample collection can also span multiple events when the hydrographs "overlap". Ideally for future data analysis monitoring events are cleanly defined as single rainfall events, however, event data can be "merged" for future assessments using best professional judgement and appropriate analysis documentation.

Although the Partnership's consultant team targets the first storm of the year that has at least 0.25" of precipitation, a "seasonal first flush" event, to conduct the first wet weather monitoring event, the seasonal first flush event occurred over the Thanksgiving exclusion period. The Partnership considered mobilizing for this storm, but potential holding times and sample completeness variances due to Thanksgiving holiday laboratory closures were considered too significant to mobilize. The Partnership stood down from all storm related activities through the weekend. The Partnership's consultant team tracked the subsequent significant storm during the following week of November 28, 2018 and collected samples during the precipitation event for the first event of the monitoring season.

Following the completion of the first wet weather event at all sites, the Partnership's consultant team began targeting storms that were forecasted to have greater than 0.5" of expected precipitation. The Partnership's consultant team conducted two additional wet weather monitoring events on January 5-7, 2019 and February 2-3, 2019 to complete sampling requirements.

[8] http://www.nws.noaa.gov/

Table 4. Sacramento Area Precipitation Events for July 1, 2018 through June 30, 2019 (based on California State University at Sacramento (CSU) station)

Storm Event Start Date	Storm Event End Date	Total Event Precip. (in.)	Event Duration (hours)	Cumulative Precip. to Date [1] (inch)	Days Since Last Storm Event ≥ 0.1" (days)	Days Since Last Storm Event ≥ 0.25" (days)
11/21/2018 11:00	11/21/2018 23:00	0.63	13	0.04	143.38	143.38
11/22/2018 1:00	11/22/2018 5:00	0.12	5	0.67	0.08	0.08
11/22/2018 21:00	11/23/2018 4:00	0.15	8	0.79	0.67	0.92
11/23/2018 7:00	11/23/2018 13:00	0.1	7	0.99	0.13	1.33
11/23/2018 14:00	11/23/2018 16:00	0.1	3	1.13	0.04	1.63
11/28/2018 20:00	**11/29/2018 9:00**	**1.08**	**14**	**1.3**	**5.17**	**6.88**
11/29/2018 10:00	**11/29/2018 16:00**	**0.31**	**7**	**2.39**	**0.04**	**0.04**
12/1/2018 3:00	12/1/2018 10:00	0.32	8	2.7	1.46	1.46
12/5/2018 3:00	12/5/2018 4:00	0.12	2	3.02	3.71	3.71
12/16/2018 14:00	12/17/2018 4:00	1.53	15	3.14	11.42	15.17
12/24/2018 14:00	12/24/2018 23:00	0.32	10	4.76	7.42	7.42
12/25/2018 0:00	12/25/2018 3:00	0.25	4	5.1	0.04	0.04
1/5/2019 15:00	**1/5/2019 19:00**	**0.14**	**5**	**5.44**	**11.50**	**11.50**
1/6/2019 9:00	**1/7/2019 3:00**	**1.3**	**19**	**5.59**	**0.58**	**12.25**
1/9/2019 16:00	1/9/2019 19:00	0.36	4	6.97	2.54	2.54
1/15/2019 8:00	1/16/2019 2:00	0.8	19	7.4	5.54	5.54
1/16/2019 13:00	1/16/2019 23:00	1.35	11	8.24	0.46	0.46
1/20/2019 7:00	1/20/2019 20:00	0.29	14	9.7	3.33	3.33
2/1/2019 18:00	**2/2/2019 13:00**	**0.87**	**20**	**10**	**11.92**	**11.92**
2/4/2019 12:00	2/4/2019 18:00	0.51	7	10.97	1.96	1.96
2/8/2019 18:00	2/9/2019 2:00	0.16	9	11.48	4.00	4.00
2/9/2019 16:00	2/10/2019 2:00	0.22	11	11.66	0.58	4.92
2/13/2019 0:00	2/14/2019 13:00	2.33	38	11.88	2.92	8.25
2/14/2019 21:00	2/15/2019 8:00	0.3	12	14.21	0.33	0.33
2/15/2019 12:00	2/15/2019 18:00	0.12	7	14.51	0.17	0.17
2/25/2019 14:00	2/27/2019 9:00	3.96	44	14.77	9.83	10.25
2/27/2019 11:00	2/27/2019 18:00	0.17	8	18.73	0.08	0.08
3/2/2019 2:00	3/2/2019 13:00	0.73	12	18.9	2.33	2.71
3/5/2019 8:00	3/5/2019 13:00	0.11	6	19.65	2.79	2.79
3/6/2019 4:00	3/6/2019 8:00	0.31	5	19.79	0.63	3.63
3/6/2019 14:00	3/6/2019 16:00	0.12	3	20.1	0.25	0.25
3/20/2019 1:00	3/20/2019 8:00	0.24	8	20.25	13.33	13.67
3/22/2019 19:00	3/23/2019 8:00	1.1	14	20.54	2.46	16.42
3/25/2019 21:00	3/26/2019 5:00	0.21	9	21.64	2.54	2.54
3/27/2019 13:00	3/27/2019 16:00	0.24	4	21.85	1.33	4.21
4/2/2019 12:00	4/2/2019 15:00	0.15	4	22.2	5.83	10.17
4/5/2019 12:00	4/5/2019 15:00	0.14	4	22.36	2.88	13.17
4/15/2019 16:00	4/15/2019 20:00	0.2	5	22.51	10.04	23.33

Storm Event Start Date	Storm Event End Date	Total Event Precip. (in.)	Event Duration (hours)	Cumulative Precip. to Date [1] (inch)	Days Since Last Storm Event ≥ 0.1" (days)	Days Since Last Storm Event ≥ 0.25" (days)
5/15/2019 14:00	5/16/2019 3:00	1.29	14	22.74	29.75	53.25
5/16/2019 10:00	5/16/2019 14:00	0.39	5	24.03	0.29	0.29
5/18/2019 15:00	5/19/2019 10:00	1.29	20	24.5	2.04	2.04
5/19/2019 17:00	5/19/2019 18:00	0.2	2	25.79	0.29	0.29

Notes:
Bolded text indicates the storm events during which the Partnership's consultant team field crews conducted monitoring activities.
Precipitation data were obtained from the NWS rain gauge located at the California State University at Sacramento (CSU) station. [Source: California Department of Water Resources. California Data Exchange Center (CDEC) Historical Data Selector. https://cdec.water.ca.gov/]
[1] Cumulative precipitation is calculated beginning on July 1, 2018 to the storm event start time.

Water Quality Monitoring Activities

The Partnership's consultant team field crews successfully monitored three wet weather events and one dry weather event during the 2018/2019 monitoring season.

Sampling and Analysis Plan Variances as well as Difficulties Encountered and Their Resolution

No significant problems were encountered during any of the four monitoring events that required data to be rejected or the collection of follow-up samples. All required samples were collected according to procedures outlined in the SAP with any variance described in each summary below. A description of any issues encountered during each monitoring event follows.

Wet Weather Monitoring Event #1 (WW63): November 29-30, 2018

Although the Partnership's consultant team targets the first storm of the year (that has at least 0.25" of precipitation, a "seasonal first flush" event) to conduct the first wet weather monitoring event, the seasonal first flush event occurred over the Thanksgiving exclusion period. The Partnership's consultant team tracked the subsequent significant storm which occurred during the following week of November 28, 2018 and collected samples during the precipitation event for the first event of the monitoring season. It is important to note that preceding this monitoring event, the air quality in the Partnership's area was impacted by smoke from the Camp Fire in Butte County (the deadliest and most destructive wildfire in California history).

During the week prior to the monitoring event, the depth sensor at Strong Ranch Slough stopped functioning. A review of the photos from the camera installed at the site showed an unidentified person in the channel at the sensor and sample intake location during the previous week, as well as a tractor in the channel a few days prior. Field crews repaired the conduit and reinstalled a small portion of tubing that was damaged.

Sampling was initiated at all three sites just past midnight on Thursday November 29th. Grab samples at Strong Ranch Slough were collected at first daylight, three hours after peak flow (this is a safety restriction). Grab samples at the other two sites were sampled near peak flow conditions. The composite at Sump 111 was completed during the dry period on Thursday morning, while those for Strong Ranch Slough and North Natomas Detention Basin No. 4 continued to run until early Friday morning.

There were some technical issues with the composite sampler at Strong Ranch Slough that reduced percent capture. The depth sensor misread, causing failures in cumulative flow volume and some composite samples were not initiated. Although this is not ideal (the peak of the storm was missed), the overall storm capture was still 68.9% which adequately characterizes the event. There were also issues with the composite samplers oversampling at Sump 111 and North Natomas Detention Basin No. 4. The oversampling reduced the storm capture percent at both sites, but the overall composite sample was still representative of the storm.

During this first monitoring event, the field crew did not record a measurement for water temperature, though dissolved oxygen, electrical conductivity, and pH field results were obtained. Continuous readings were collected and are reported here based on the *in-situ* sensors, installed at all three monitoring sites prior to the beginning of the storm season. The field crew recorded temperature measurements during the subsequent three monitoring events at all sites.

Wet Weather Monitoring Event #2 (WW64): January 5-7, 2019

The weekend featured two storms that were at opposite ends of their respective forecast range, which altered the initial sampling plan and required monitoring throughout both Saturday and Sunday. Despite the altered sampling plan, all samples were successful and there were no major issues that affected sample collection.

The January 5, 2019 storm was forecasted to be a significant storm that would meet the 0.50-inch mobilization criteria. A subsequent storm was predicted to bring additional precipitation on Sunday, but mobilization was planned for Saturday since the first storm met criteria and Sunday could serve as a backup in case observed totals on Saturday were low.

Saturday was the initial target for event mobilization, but the morning storm's front provided less than ideal precipitation and significant storm runoff was observed only at Sump 111. Field crews were mobilized to Sump 111 and collected grab samples. Later in the evening, a second round of showers formed over Sacramento, bringing daily precipitation totals to 0.24" at Strong Ranch Slough and 0.36" at North Natomas Detention Basin No. 4 and Sump 111. Saturday evening's showers provided enough runoff to initiate composite collection at North Natomas Detention Basin No. 4 and collect additional sample aliquots at Sump 111. The autosampler was not triggered at Strong Ranch Slough, due to the site's lower precipitation amounts and lack of significant runoff. Sufficient volume from Saturday's storm was collected at Sump 111 and sample collection ended Sunday morning.

Sunday's storm began around late morning and continued for most of the day with moderate to heavy precipitation. Collection of composite samples at Strong Ranch Slough began in the morning and field crews were mobilized midday to collect grab samples at the two remaining sites. The battery at Strong Ranch Slough began to lose power by the late afternoon and field crews installed a fresh battery at the site so that the sampler could run overnight without interruption. The Strong Ranch Slough monitoring site has solar panels that replenish the battery, but the two-day storm and prolonged sample period drained the battery. Collection of composite samples at Strong Ranch Slough and North Natomas Detention Basin No. 4 continued into the night and field crews collected them Monday morning.

Microbial Source Tracking (MST) samples were collected for this event at all three sites and will be discussed in a separate report as a special study. Additionally, the analysis of methylmercury and mercury in the composite sample was recommended to evaluate collection methods and,

thus, both composite and grab sample types were collected and analyzed for this event. Methylmercury grab samples are considered the primary environmental result and methylmercury composite samples are considered quality control samples. The additional analyses are to plan for an eventual shift to better characterize methylmercury in light of its Priority Water Quality Constituent status and the need to assess milestones in the future. Field crews did not encounter any problems that affected the sampling results and all samples were collected and delivered to the laboratories within hold times, except for two bacteria samples. Bacteria samples collected at Strong Ranch Slough and its associated field blank were received by the laboratory past the holding time (samples were dropped off in the overnight refrigerator within holing times). Holding times are evaluated in the QA/QC section of this report.

Wet Weather Monitoring Event #3 (WW65): February 2-3, 2019

Precipitation began Friday evening and continued with light to moderate hourly amounts until early morning on Saturday. There was a break for a few hours, before an additional intense but short band moved through the Sacramento area. The rest of the day on Saturday was mostly dry, except for a few hours of light precipitation around midnight.

Composite sample collection was initiated at all three monitoring stations by late Friday night. Field crews began grab sample collection on Saturday at 2AM and continued with bottle changes, sample collection, and sample delivery for most of the morning. Sample collection at Sump 111 was completed by late Saturday morning, once most of the precipitation had ended. Sample collection at both Strong Ranch Slough and North Natomas Detention Basin No. 4 continued until Sunday morning. A few samples at Strong Ranch Slough during the early portion of the storm were missed due to an error in the flow reading, but it did not affect overall sample completeness. In addition, field crews collected MST samples at all three sites.

Dry Weather Monitoring Event (DW29): May 7-8, 2019

Composite samplers were initiated on Tuesday morning and were completed by mid-morning on Wednesday. Due to connectivity issues with the cellular modems at Strong Ranch Slough and Sump 111, the samplers had to be programmed on-site. This did not affect sample collection and a full volume composite was collected at all three sites.

One issue at North Natomas Detention Basin No. 4 required a one-time variance from the standard SAP protocol. The basin was covered with a tiny green floating plant, that appeared to be duckweed. This has been a regular occurrence that usually begins in springtime and remains until daylight time shortens and storm events decrease detention time. The location of the composite sampler intake avoids most of the plant matter, but a non-negligible quantity was collected in the water column sample. To minimize potential sample bias of near surface floating duckweed, all samples were collected using submerged tubing through a peristaltic pump. Upon receipt at the PER laboratory, the composite sample was passed through a 400 micrometer (µm) nylon screen to remove the plant matter and was collected in a 20-liter glass carboy that was cleaned in accordance with the Partnership study-specific cleaning procedure. The screen was made of nylon mesh and was cleaned following the same procedure prior to use. Once filtered, PER laboratory staff performed sample disposition according to standard SAP protocol.

Hydrologic Parameters and Antecedent Conditions

Hydrologic event parameters and antecedent conditions are summarized for each monitored event in **Table 5** through **Table 8**. Precipitation data for these antecedent conditions were based on observed site data. If equipment malfunctioned or is not available, the CSU rain gauge is used to supplement station data. Flow measurement devices, based on stage-discharge relationships, are installed at all three monitoring locations and are used to characterize flow conditions.

Monitoring event hydrographs that include rainfall, runoff, and sampling conditions are presented in **Figure 3** through **Figure 12**.

Table 5. Hydrologic Parameters and Antecedent Conditions: November 29-30, 2018 (WW63)

	Sump 111 (UR3)	Strong Ranch Slough (UR2S)	North Natomas Detention Basin No. 4 (UR5)
Rainfall [1] /Runoff/Sampling			
Time of first rain	11/28/2018 23:00	11/28/2018 22:00	11/28/2018 22:05
Time of last rain	11/29/2018 9:00	11/29/2018 20:25	11/29/2018 14:55
Total rain (in.)	1.07	1.16	1.58
Start runoff period	11/28/18 23:25	11/28/18 23:35	11/28/18 23:25
End runoff period	11/29/2018 7:45	11/29/18 22:00	12/1/18 1:55
Total volume of captured runoff (kcf) [4]	1,988	4,996	642
Storm capture (%)	79.4	68.9	81.3
Peak flow rate (cfs)	211	226	8 [2]
Grab sample collection time (earliest sample)	11/29/2018 2:30	11/29/2018 7:05	11/29/2018 3:45
Antecedent Conditions [1]			
Date of last precipitation	11/27/2018	11/28/2018	11/27/2018
Days since last precipitation	2 days	1 days	2 days
Date of last storm ≥ 0.1”	11/23/2018	11/23/2018	11/27/2018
Days since last storm ≥ 0.1”	6 days	6 days	2 days
Date of last storm ≥ 0.25”	11/21/2018	11/21/2018	11/21/2018
Days since last storm ≥ 0.25”	8 days	8 days	8 days
Cumulative rainfall, from start of reporting year (July 1) to Time of first rain (in.)	1.48	1.19	1.51
Cumulative rainfall, from start of water year (October 1) to Time of first rain (in.)	1.48	1.19	1.51
Average Storm Duration Values for Runoff Period Calculated from Sensor Data [3]			
Temperature, water (degrees C)	13.7	13.1	13.2
Turbidity (NTU)	37.5	87.8	28.9

Notes:

[1] Precipitation data were obtained from the corresponding rain gauges that were installed at the urban runoff discharge monitoring stations. Previous storm dates were estimated from precipitation measured at the NWS rain gauge located at the California State University at Sacramento (CSU) station. [Source: California Department of Water Resources. California Data Exchange Center (CDEC) Historical Data Selector. https://cdec.water.ca.gov/]

[2] UR5 was designed to hold and treat stormwater runoff year-round. The discharge from this station is limited to the flow rate of the pumps.

[3] Sondes continuously recorded water temperature and turbidity.

[4] Volume of runoff within 24-hours of first rainfall: Sump 111 runoff ends when the pumps and flow stop, Strong Ranch Slough runoff ends when flows return to the baseline or 24-hours after rainfall begins, whichever is first, and North Natomas Detention Basin No. 4 runoff ends when the pumps and flow stop or 24-hours after rainfall begins, whichever is first. Projection judgement exceptions to these operations occur and are documented when sampling lasts longer than 24-hours based or two prevent the “overlap” of multiple events.

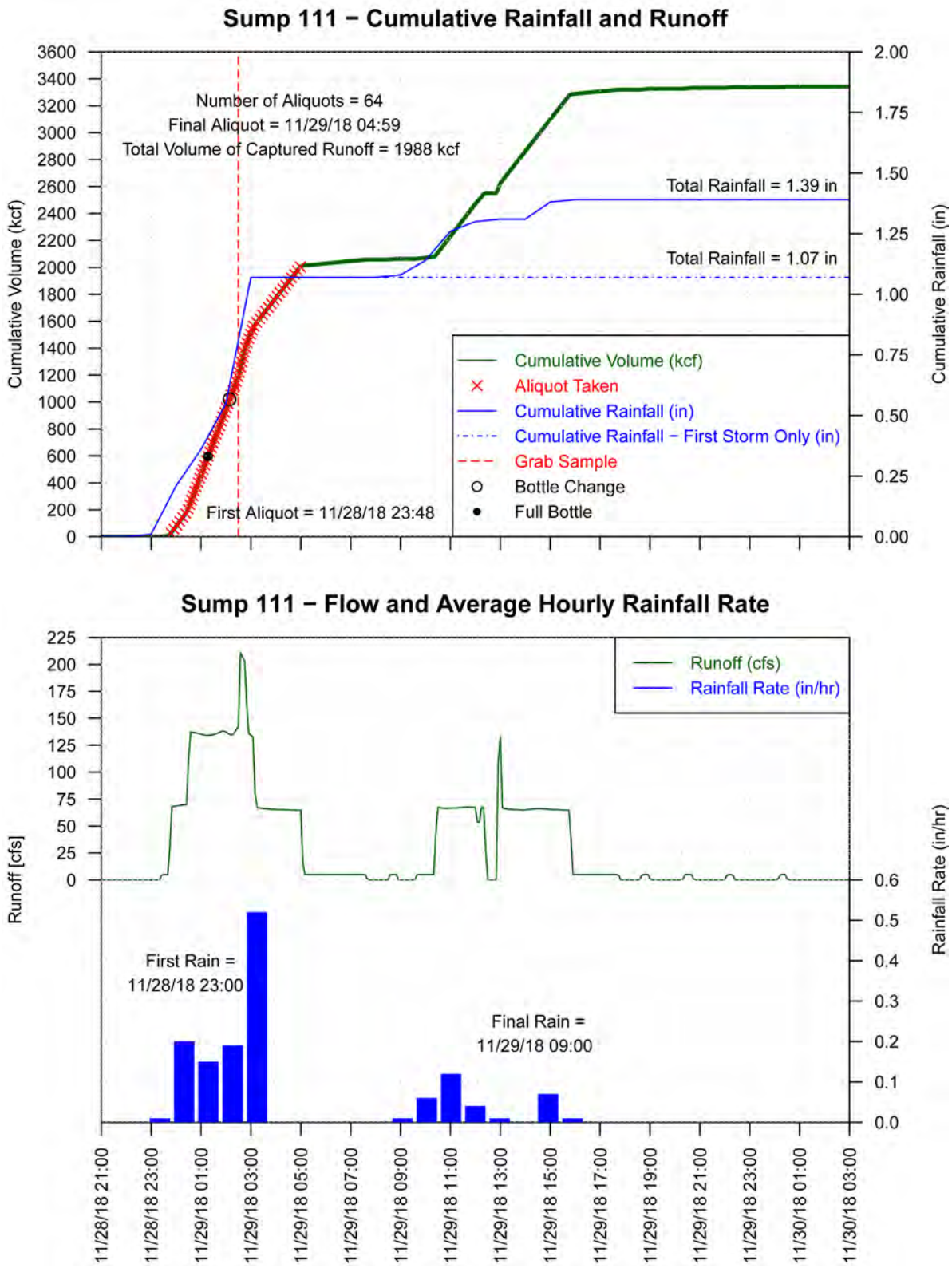

Figure 3. WW63 (November 29-30, 2018) – Sump 111 – Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

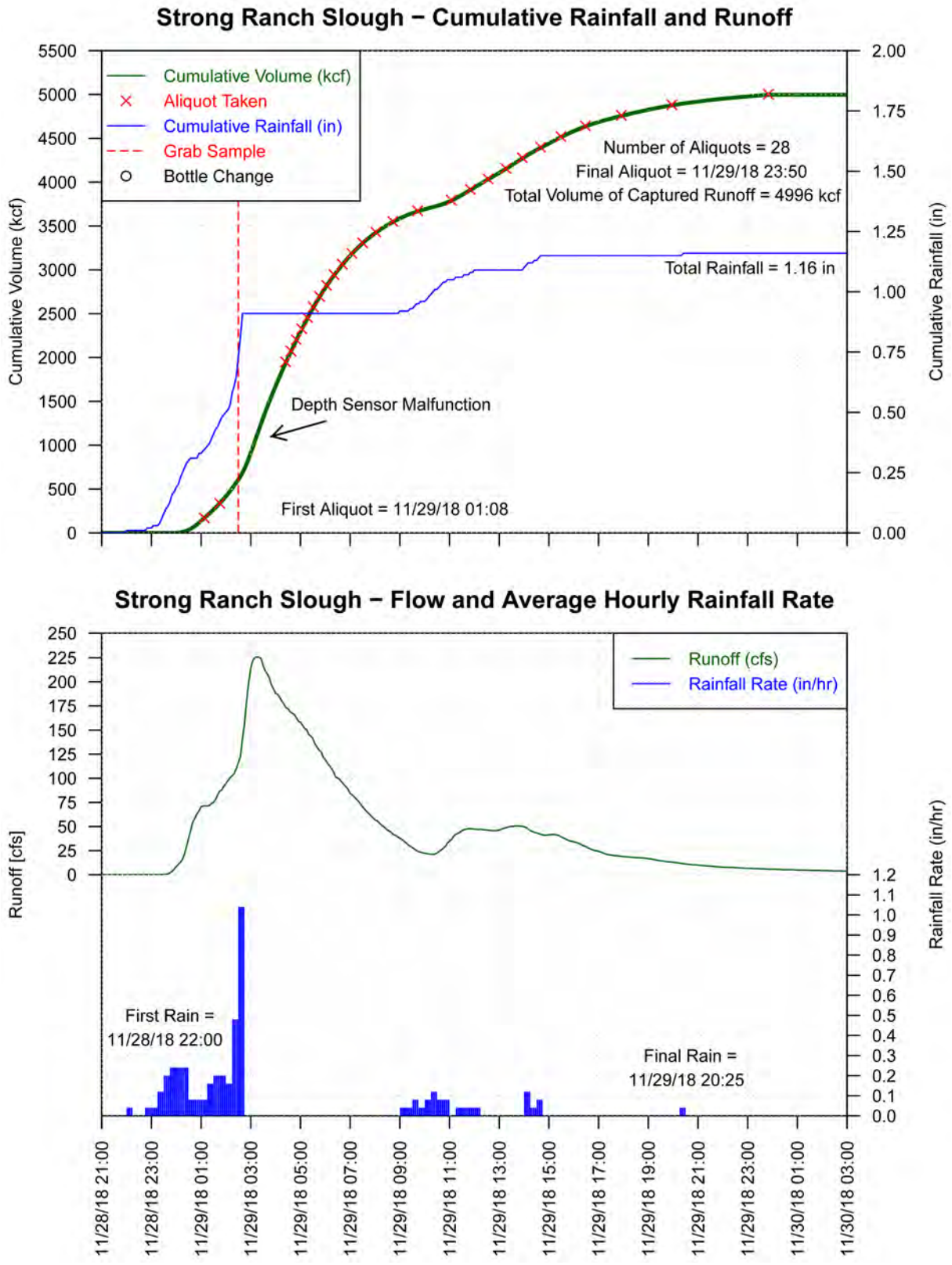

Figure 4. WW63 (November 29-30, 2018) – Strong Ranch Slough – Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

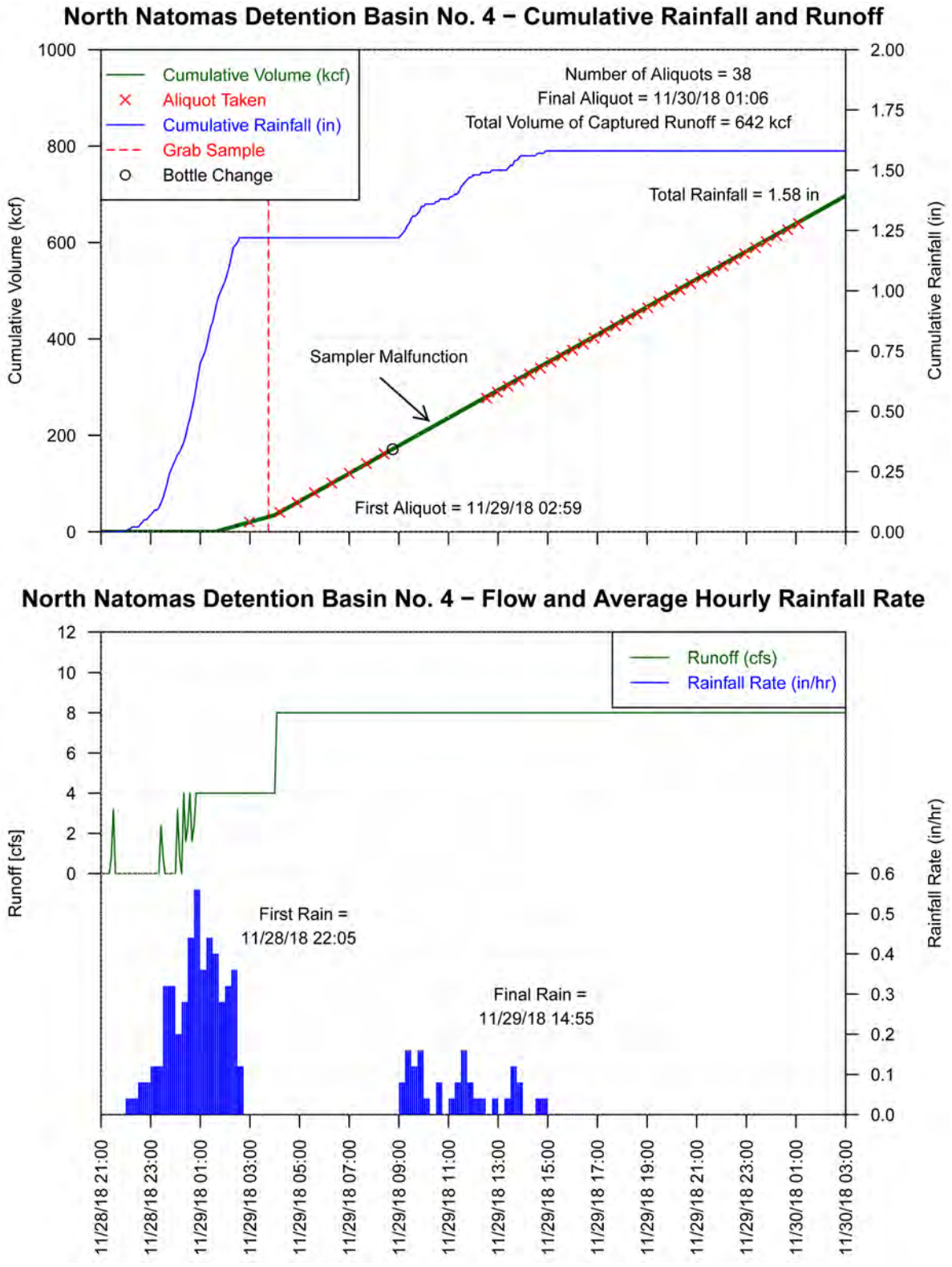

Figure 5. WW63 (November 29-30, 2018) – North Natomas Detention Basin No. 4 - Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

Table 6. Hydrologic Parameters and Antecedent Conditions: January 5-7, 2019 (WW64)

	Sump 111 (UR3)	Strong Ranch Slough (UR2S)	North Natomas Detention Basin No. 4 (UR5)
Rainfall [1] /Runoff/Sampling			
Time of first rain	1/5/2019 9:25	1/6/2019 5:35	1/5/2019 9:30
Time of last rain	1/5/2019 22:45	1/7/2019 2:45	1/7/2019 2:00
Total rain (in.)	0.36	1.01	1.61
Start runoff period	1/5/19 10:10	1/6/19 10:15	01/05/2019 11:05
End runoff period	1/6/19 2:35	1/7/19 5:35	01/08/2019 09:30
Total volume of captured runoff (kcf) [4]	678	4,054	380
Storm capture (%)	100	100	73.5
Peak flow rate (cfs)	67	154	8 [2]
Grab sample collection time	1/5/2019 11:10	1/6/2019 13:45	1/6/2019 15:30
Antecedent Conditions [1]			
Date of last precipitation	12/25/2018	1/5/2019	12/25/2018
Days since last precipitation	11 days	1 day	11 days
Date of last storm ≥ 0.1”	12/24/2018	1/5/2019	12/24/2018
Days since last storm ≥ 0.1”	12 days	1 day	12 days
Date of last storm ≥ 0.25”	12/24/2018	1/5/2019	12/16/2018
Days since last storm ≥ 0.25”	12 days	1 day	20 days
Cumulative rainfall, from start of reporting year (July 1) to Time of first rain (in.)	5.7	4.6	5.5
Cumulative rainfall, from start of water year (October 1) to Time of first rain (in.)	5.7	4.6	5.5
Average Storm Duration Values for Runoff Period Calculated from Sensor Data [3]			
Temperature, water (degrees C)	10.5	9.3	8.7
Turbidity (NTU)	32.3	76.5	23.8

Notes:

[1] Precipitation data were obtained from the corresponding rain gauges that were installed at the urban runoff discharge monitoring stations. Previous storm dates were estimated from precipitation measured at the NWS rain gauge located at the California State University at Sacramento (CSU) station. [Source: California Department of Water Resources. California Data Exchange Center (CDEC) Historical Data Selector. https://cdec.water.ca.gov/]

[2] UR5 was designed to hold and treat stormwater runoff year-round. The discharge from this station is limited to the flow rate of the pumps.

[3] Sondes continuously recorded water temperature and turbidity.

[4] Volume of runoff within 24-hours of first rainfall: Sump 111 runoff ends when the pumps and flow stop, Strong Ranch Slough runoff ends when flows return to the baseline or 24-hours after rainfall begins, whichever is first, and North Natomas Detention Basin No. 4 runoff ends when the pumps and flow stop or 24-hours after rainfall begins, whichever is first. Exceptions of the 24-hour rule exist when sampling lasts longer than 24-hours.

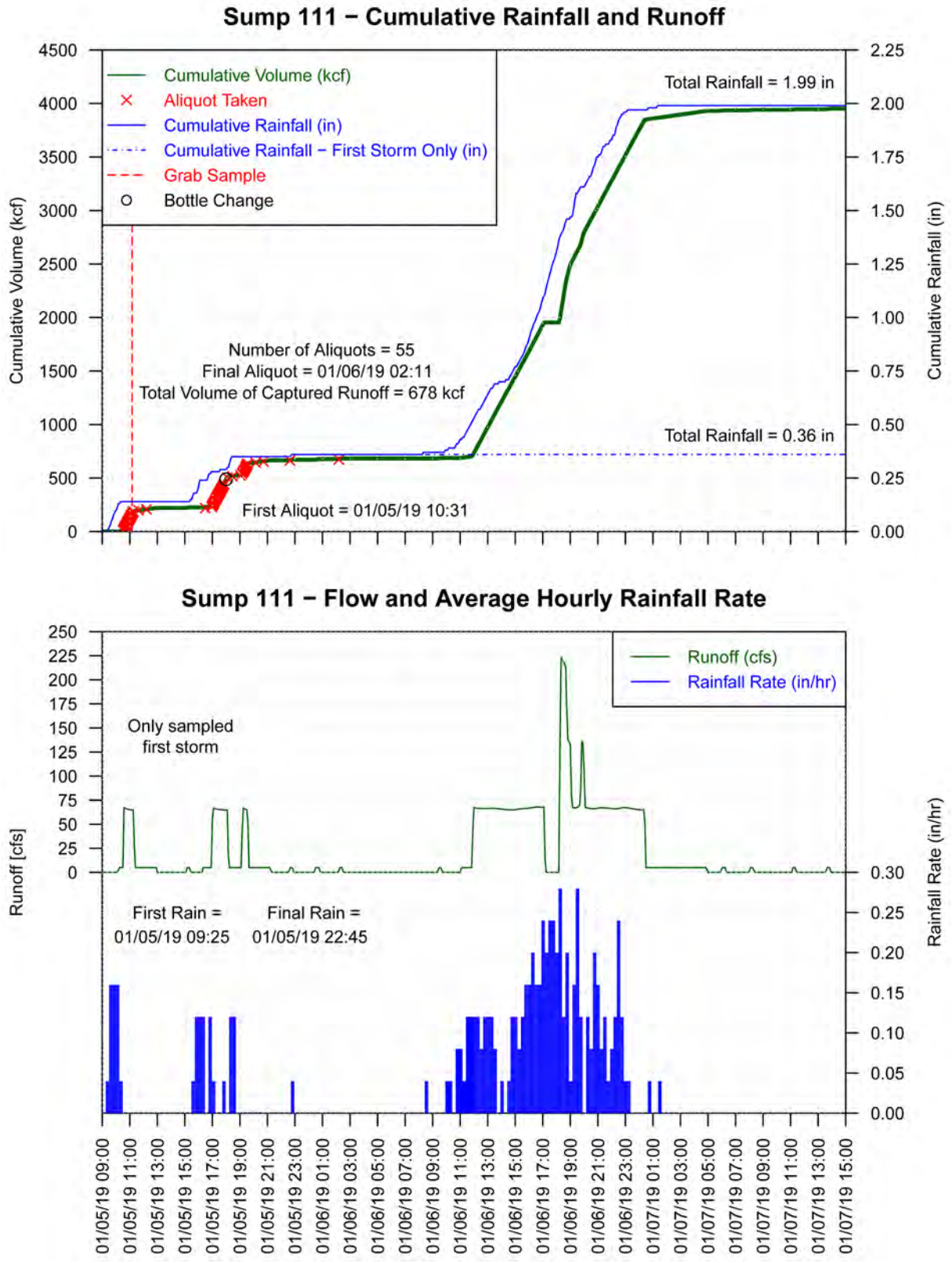

Figure 6. WW64 (January 5-7, 2019) – Sump 111 – Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

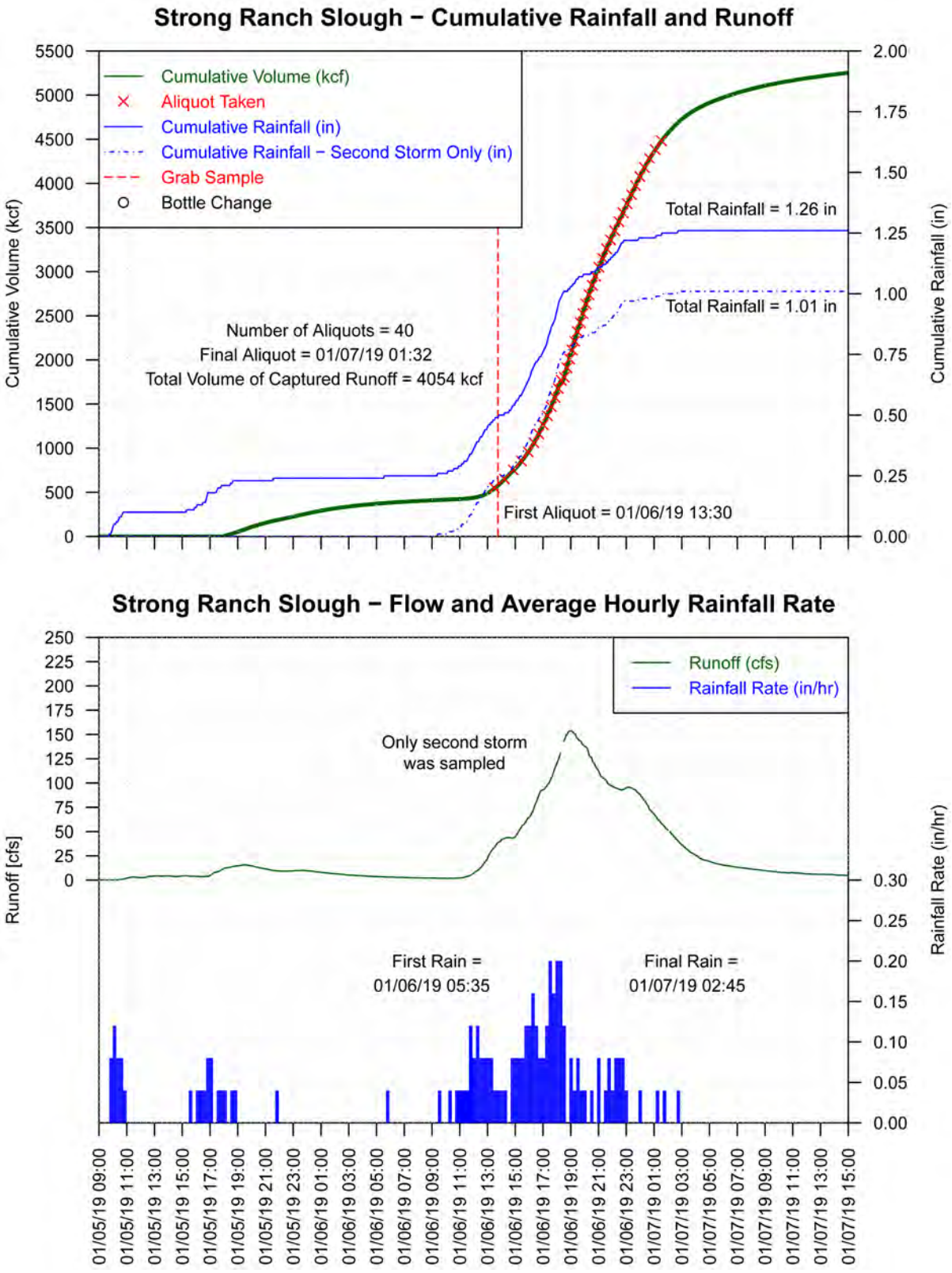

Figure 7. WW64 (January 5-7, 2019) – Strong Ranch Slough – Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

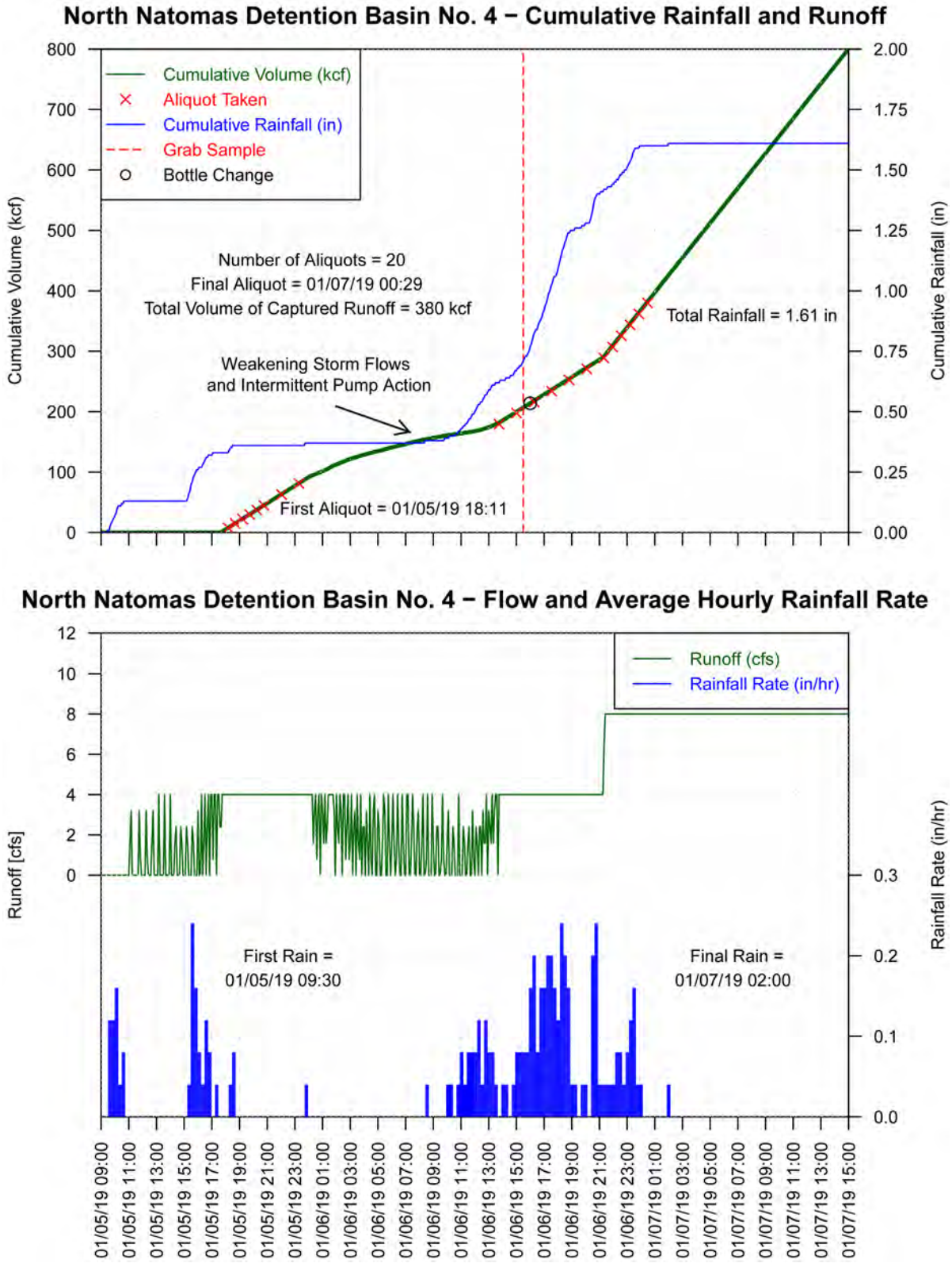

Figure 8. WW64 (January 5-7, 2019) – North Natomas Detention Basin No. 4 - Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

Table 7. Hydrologic Parameters and Antecedent Conditions: February 2-3, 2019 (WW65)

	Sump 111 (UR3)	Strong Ranch Slough (UR2S)	North Natomas Detention Basin No. 4 (UR5)
Rainfall [1] /Runoff/Sampling			
Time of first rain	2/1/2019 17:40	2/1/2019 17:40	2/1/2019 17:45
Time of last rain	2/2/2019 13:00	2/2/2019 11:35	2/2/2019 20:10
Total rain (in.)	1.03	0.82	1.10
Start runoff period	2/1/19 18:40	2/1/19 18:25	02/01/2019 20:10
End runoff period	2/2/19 16:00	2/2/19 17:40	02/02/2019 20:10
Total volume of captured runoff (kcf) [4]	2,084	2,771	315
Storm capture (%)	100	100	100
Peak flow rate (cfs)	138	82	4[2]
Grab sample collection time	2/2/2019 3:00	2/2/2019 7:45	2/2/2019 4:15
Antecedent Conditions [1]			
Date of last precipitation	1/20/2019	1/20/2019	1/20/2019
Days since last precipitation	13 days	13 days	13 days
Date of last storm ≥ 0.1”	1/20/2019	1/20/2019	1/20/2019
Days since last storm ≥ 0.1”	13 days	13 days	13 days
Date of last storm ≥ 0.25”	1/16/2019	1/16/2019	1/16/2019
Days since last storm ≥ 0.25”	17 days	17 days	17 days
Cumulative rainfall, from start of reporting year (July 1) to Time of first rain (in.)	10.95	9.29	10.2
Cumulative rainfall, from start of water year (October 1) to Time of first rain (in.)	10.95	9.29	10.2
Average Storm Duration Values for Runoff Period Calculated from Sensor Data [3]			
Temperature, water (degrees C)	10.9	12.5	11.3
Turbidity (NTU)	22.4	64.8	17.4

Notes:

[1] Precipitation data were obtained from the corresponding rain gauges that were installed at the urban runoff discharge monitoring stations. Previous storm dates were estimated from precipitation measured at the NWS rain gauge located at the California State University at Sacramento (CSU) station. [Source: California Department of Water Resources. California Data Exchange Center (CDEC) Historical Data Selector. https://cdec.water.ca.gov/]

[2] UR5 was designed to hold and treat stormwater runoff year-round. The discharge from this station is limited to the flow rate of the pumps.

[3] Sondes continuously recorded water temperature and turbidity.

[4] Volume of runoff within 24-hours of first rainfall: Sump 111 runoff ends when the pumps and flow stop, Strong Ranch Slough runoff ends when flows return to the baseline or 24-hours after rainfall begins, whichever is first, and North Natomas Detention Basin No. 4 runoff ends when the pumps and flow stop or 24-hours after rainfall begins, whichever is first. Exceptions of the 24-hour rule exist when sampling lasts longer than 24-hours.

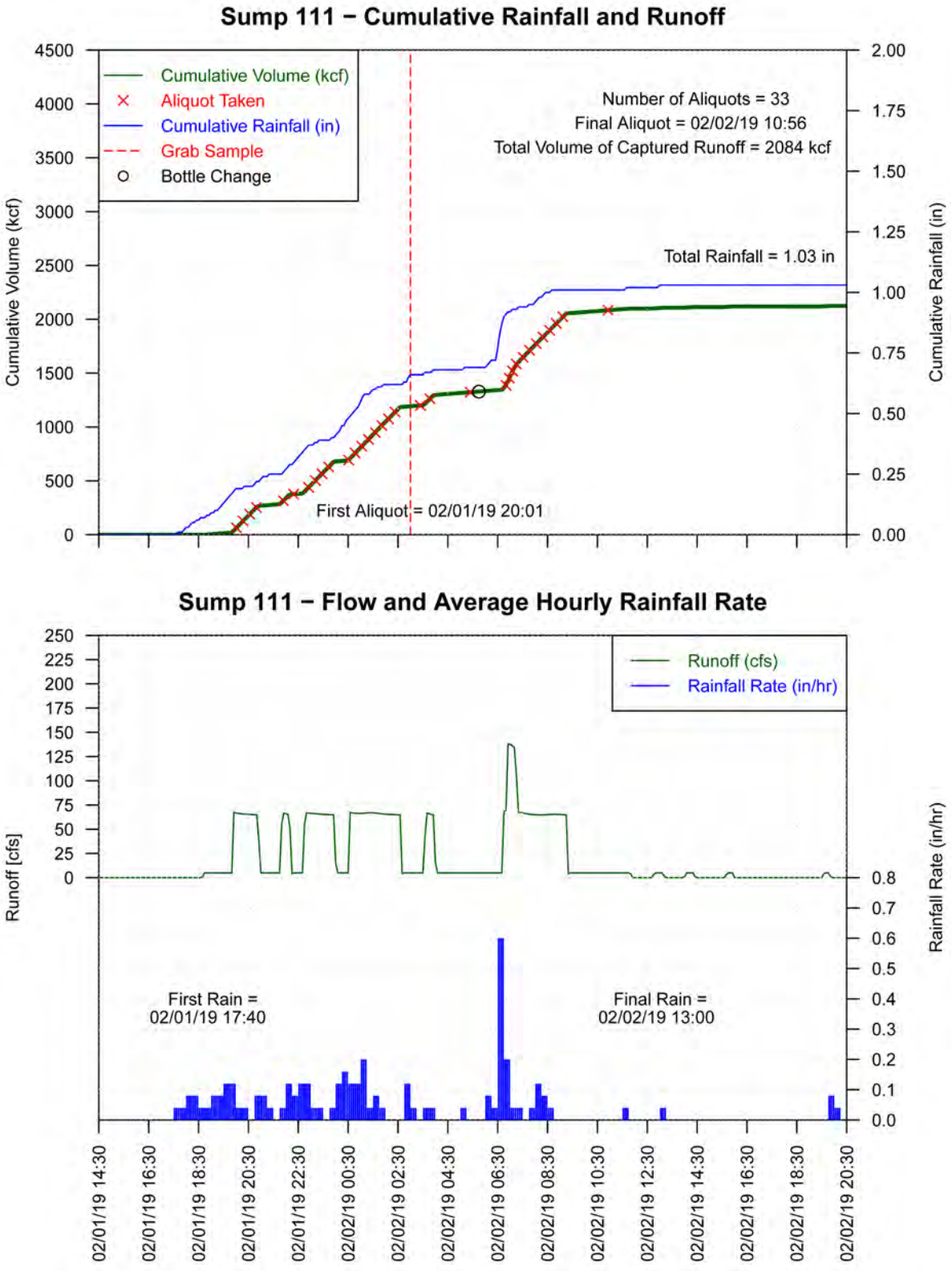

Figure 9. WW65 (February 1-2, 2019) – Sump 111 – Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

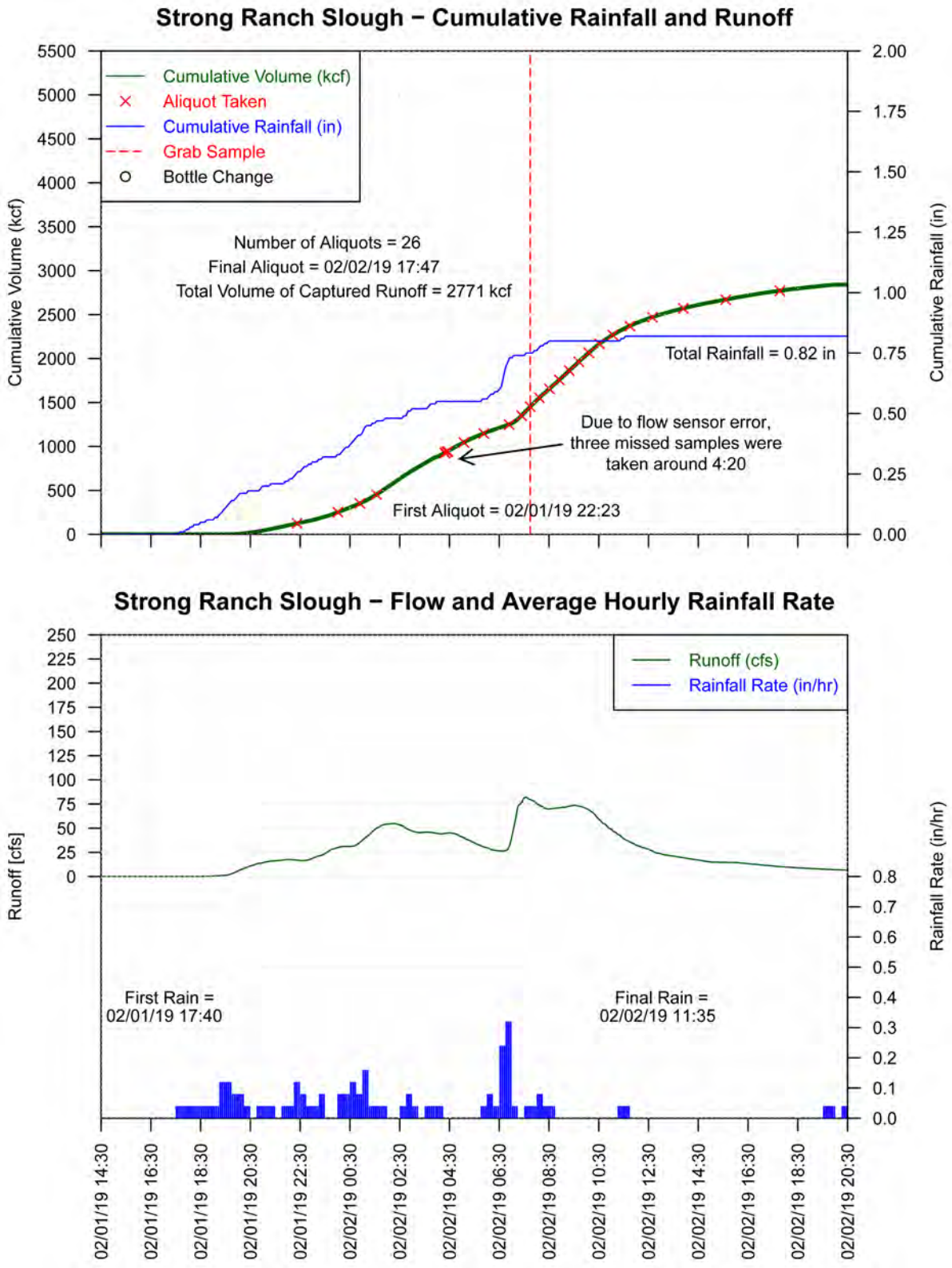

Figure 10. WW65 (February 1-2, 2019) – Strong Ranch Slough – Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

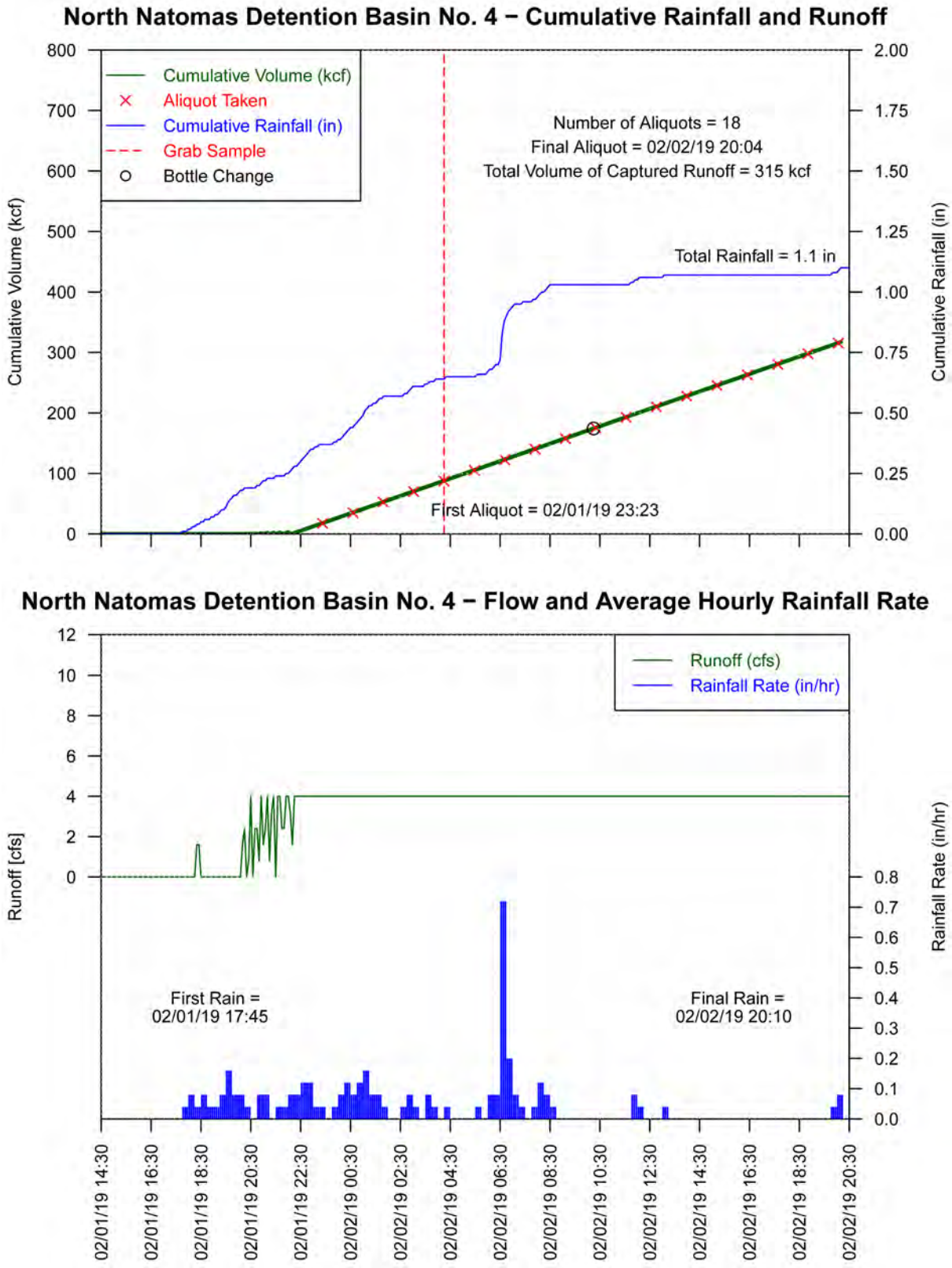

Figure 11. WW65 (February 1-2, 2019) – North Natomas Detention Basin No. 4 - Cumulative Rainfall Runoff, Discharge Flow, and Average Hourly Rainfall Rate

Table 8. Hydrologic Parameters and Antecedent Conditions: May 7-8, 2019 (DW29)

	Sump 111 (UR3)	Strong Ranch Slough (UR2S)	North Natomas Detention Basin No. 4 (UR5)
Rainfall /Sampling			
Flow rate at time of sample (cfs)	0	0.45	1.6
Stage at time of sample (ft.)	5.33	0.10	0.95
Grab sample collection time (earliest sample)	5/7/2019 10:10	5/7/2019 8:40	5/7/2019 11:10
Antecedent Conditions [1]			
Date of last precipitation	4/15/2019	4/15/2019	5/5/2019
Days since last precipitation	22 days	22 days	2 days
Date of last storm ≥ 0.1”	4/15/2019	4/15/2019	4/15/2019
Days since last storm ≥ 0.1”	22 days	22 days	22 days
Date of last storm ≥ 0.25”	03/27/2019	03/27/2019	03/27/2019
Days since last storm ≥ 0.25”	41 days	41 days	41 days
Cumulative rainfall, from start of reporting year (July 1) to Monitoring Event (in.)	24.81	21.43	23.48
Cumulative rainfall, from start of water year (October 1) to Monitoring Event (in.)	24.81	21.43	23.48
Average Event Duration Values Calculated from Sensor Data [2]			
Temperature, water (degrees C)	19.2	[3]	17.4
Turbidity (NTU)	0.85	[3]	2.19

Notes:

[1] Precipitation data were obtained from the corresponding rain gauges that were installed at the urban runoff discharge monitoring stations. Previous storm dates were estimated from precipitation measured at the NWS rain gauge located at the California State University at Sacramento (CSU) station. [Source: California Department of Water Resources. California Data Exchange Center (CDEC) Historical Data Selector. https://cdec.water.ca.gov/]

[2] Sondes continuously recorded water temperature and turbidity.

[3] The turbidity sensor (which also reports the water temperature) was not submerged during dry weather. Typically, continuous turbidity data during dry weather is not obtained since often the water depth is only a couple of inches.

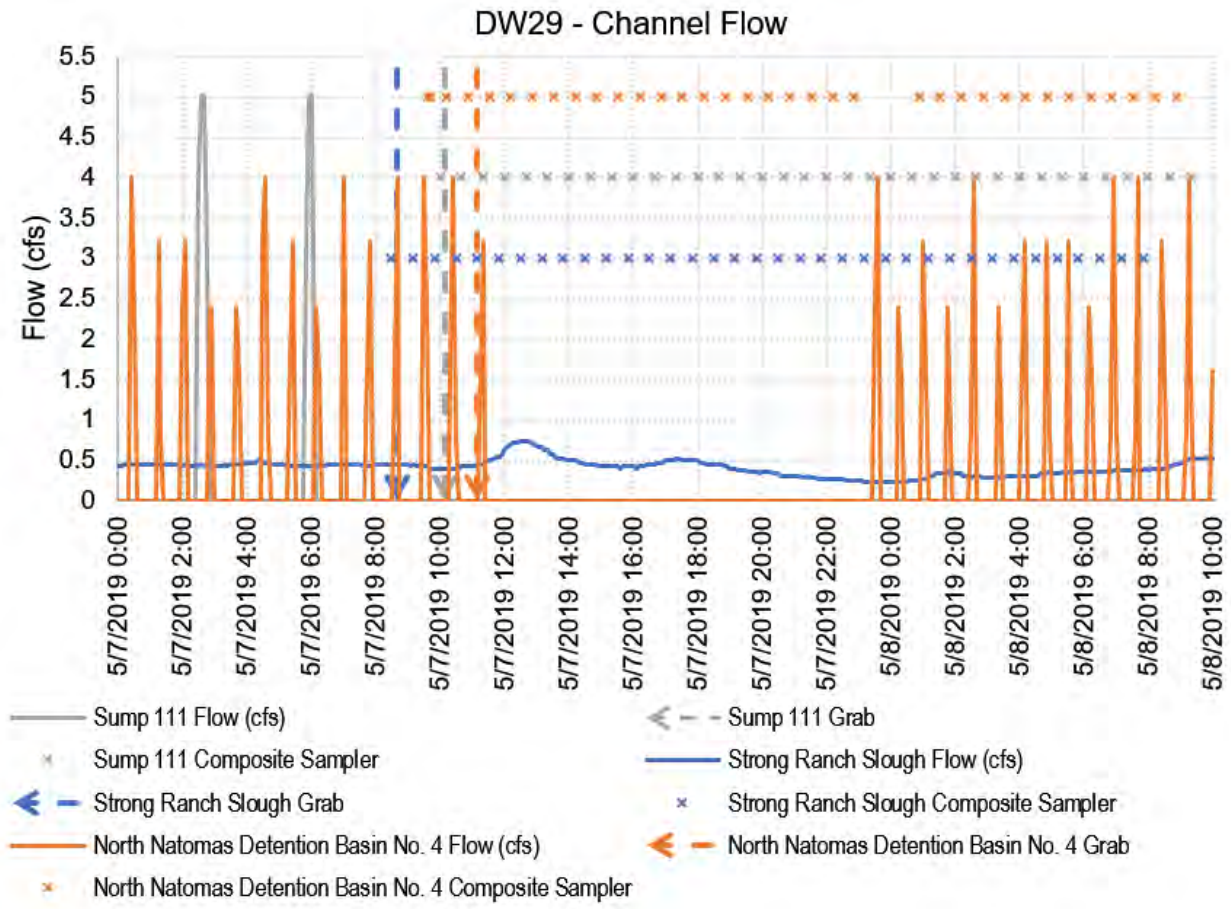

Figure 12. DW29 (May 7, 2019) – Dry Weather Flow and Sample Collection

Analyses Requested and Completed

The urban runoff discharge monitoring environmental and quality control (QC) samples collected during each of the 2018/2019 monitoring events are summarized in **Table 9** through **Table 12**.

Table 9. Wet Weather Event #1: November 29-30, 2018 (WW63) Samples

Lab	Analysis	Site ID		
		UR3	UR2S	UR5
Field	Dissolved Oxygen, Electrical Conductivity, pH, Temperature (water) [1], & Turbidity [2]	F	F	F
Caltest	Alkalinity	R√	R√	R√FD
Caltest	Biochemical Oxygen Demand (5-day)	R√	R√	R√FD
Caltest	Chemical Oxygen Demand	R√	R√	R√FD
Caltest	Dissolved Organic Carbon	R√MS	R√FB	R√FD
Caltest	Total Organic Carbon	R√	R√FB	R√FD
Caltest	Electrical Conductivity	R√	R√	R√FD
Caltest	Hardness, as $CaCO_3$	R√MS	R√FB	R√FD
Caltest	Suspended Sediment Concentration	R√	R√	R√FD
Caltest	Total Dissolved Solids	R√	R√	R√FD
Caltest	Total Suspended Solids	R√	R√	R√FD
Caltest	Turbidity	R√	R√	R√FD
Caltest	Nitrate + Nitrite	R√	R√	R√FD
Caltest	Phosphorus, Total	R√	R√	R√FD
Caltest	Total Kjeldahl Nitrogen	R√	R√	R√FD
Caltest	Total Petroleum Hydrocarbon - Diesel and Motor Oil	R√	R√	R√FD
Caltest	Total Purgeable Petroleum Hydrocarbon - Gasoline	R√	R√	R√FD
Caltest	Metals, Dissolved (Cu, Fe, Pb, Zn) [3]	R√	R√FB	R√
Caltest	Metals, Total (Cu, Fe, Pb, Zn)	R√MS	R√FB	R√FD
Caltest	Mercury, Total	R√MS	R√FB	R√FD
Caltest	Methylmercury	R√MS	R√FB	R√FD
Caltest	Pyrethroids (+Diazinon, Chlorpyrifos, and Fipronil)	R√MS	R√FB	R√FD
PHYSIS	Organophosphate-Pesticides	R√MS,LD	R√FB	R√FD
PHYSIS	Polycyclic Aromatic Hydrocarbons	R√MS,LD	R√FB	R√FD
SRCSD	*Escherichia coli*	R√	R√FB	R√FD
SRCSD	Fecal Coliform	R√	R√FB	R√FD

Notes:
Monitoring site IDs: UR3=Sump 111, UR2S=Strong Ranch Slough, and UR5=North Natomas Detention Basin No. 4.
F = field reading performed.
R = analysis requested on CoC.
√ = laboratory completed and reported this analysis.
FB = Field Blank collected and analyzed for this site.
FD = Field Duplicate collected and analyzed for this site.
LD = Laboratory Duplicate collected and analyzed for this site.
MS = Matrix Spike and Matrix Spike Duplicate collected and analyzed for this site.
[1] During the first monitoring event, the field crew did not record a measurement for temperature, though dissolved oxygen, electrical conductivity, and pH field results were obtained. Refer to Table 5. Hydrologic Parameters and Antecedent Conditions: November 29-30, 2018 (WW63) for information regarding the *in-situ* continuous sensors during this event.
[2] Turbidity as a field measurement is not required per the SAP but was periodically included.
[3] Field filtered within 15 minutes of composite completion.

Table 10. Wet Weather Event #2: January 5-7, 2019 (WW64) Samples

Lab	Analysis	Site ID		
		UR3	UR2S	UR5
Field	Dissolved Oxygen, Electrical Conductivity, pH, Temperature (water), & Turbidity [1]	F	F	F
Caltest	Alkalinity	R√	R√	R√FD
Caltest	Biochemical Oxygen Demand (5-day)	R√	R√	R√FD
Caltest	Chemical Oxygen Demand	R√	R√	R√FD
Caltest	Dissolved Organic Carbon	R√	R√FB	R√FD
Caltest	Total Organic Carbon	R√	R√FB,MS	R√FD
Caltest	Electrical Conductivity	R√	R√	R√FD
Caltest	Hardness, as $CaCO_3$	R√MS	R√FB	R√FD
Caltest	Suspended Sediment Concentration	R√	R√	R√FD
Caltest	Total Dissolved Solids	R√	R√	R√FD
Caltest	Total Suspended Solids	R√	R√	R√FD
Caltest	Turbidity	R√	R√	R√FD
Caltest	Nitrate + Nitrite	R√	R√	R√FD
Caltest	Phosphorus, Total	R√	R√	R√FD
Caltest	Total Kjeldahl Nitrogen	R√	R√	R√FD
Caltest	Total Petroleum Hydrocarbon - Diesel and Motor Oil	R√	R√	R√FD
Caltest	Total Purgeable Petroleum Hydrocarbon - Gasoline	R√	R√	R√FD
Caltest	Metals, Dissolved (Cu, Fe, Pb, Zn) [2]	R√	R√FB	R√
Caltest	Metals, Total (Cu, Fe, Pb, Zn)	R√MS	R√FB	R√FD
Caltest	Mercury, Total [3]	R√MS	R√FB	R√FD
Caltest	Methylmercury [3]	R√MS	R√FB,MS	R√FD
Caltest	Pyrethroids (+Diazinon, Chlorpyrifos, and Fipronil)	R√MS	R√FB	R√FD
PHYSIS	Organophosphate-Pesticides	R√MS,LD	R√FB	R√FD
PHYSIS	Polycyclic Aromatic Hydrocarbons	R√MS,LD	R√FB	R√FD
SRCSD	*Escherichia coli*	R√	R√FB	R√FD
SRCSD	Fecal Coliform	R√	R√FB	R√FD

Notes:
Monitoring site IDs: UR3=Sump 111, UR2S=Strong Ranch Slough, and UR5=North Natomas Detention Basin No. 4.
F = field reading performed.
R = analysis requested on CoC.
√ = laboratory completed and reported this analysis.
FB = Field Blank collected and analyzed for this site.
FD = Field Duplicate collected and analyzed for this site.
LD = Laboratory Duplicate collected and analyzed for this site.
MS = Matrix Spike and Matrix Spike Duplicate collected and analyzed for this site.
[1] Turbidity as a field measurement is not required per the SAP but was periodically included.
[2] Field filtered within 15 minutes of composite completion.
[3] Both composite and grab sample types were collected and analyzed for this event.

Table 11. Wet Weather Event #3: February 2-3, 2019 (WW65) Samples

Lab	Analysis	Site ID		
		UR3	UR2S	UR5
Field	Dissolved Oxygen, Electrical Conductivity, pH, Temperature (water), & Turbidity [1]	F	F	F
Caltest	Alkalinity	R√	R√FD	R√
Caltest	Biochemical Oxygen Demand (5-day)	R√	R√FD	R√
Caltest	Chemical Oxygen Demand	R√	R√FD	R√
Caltest	Dissolved Organic Carbon	R√FB	R√FD,MS	R√
Caltest	Total Organic Carbon	R√FB	R√FD,MS	R√
Caltest	Electrical Conductivity	R√	R√FD	R√
Caltest	Hardness, as $CaCO_3$	R√FB	R√FD	R√MS
Caltest	Suspended Sediment Concentration	R√	R√FD	R√
Caltest	Total Dissolved Solids	R√	R√FD	R√
Caltest	Total Suspended Solids	R√	R√FD	R√
Caltest	Turbidity	R√MS	R√FD	R√
Caltest	Nitrate + Nitrite	R√MS	R√FD	R√
Caltest	Phosphorus, Total	R√	R√FD	R√
Caltest	Total Kjeldahl Nitrogen	R√	R√FD	R√
Caltest	Total Petroleum Hydrocarbon - Diesel and Motor Oil	R√	R√FD	R√
Caltest	Total Purgeable Petroleum Hydrocarbon - Gasoline	R√	R√FD	R√
Caltest	Metals, Dissolved (Cu, Fe, Pb, Zn) [2]	R√FB	R√LD	R√
Caltest	Metals, Total (Cu, Fe, Pb, Zn)	R√FB	R√FD	R√MS
Caltest	Mercury, Total	R√FB	R√FD	R√
Caltest	Methylmercury	R√FB	R√FD,MS	R√
Caltest	Pyrethroids (+Diazinon, Chlorpyrifos, and Fipronil)	R√FB	R√FD	R√MS
PHYSIS	Organophosphate-Pesticides	R√FB	R√FD	R√MS,LD
PHYSIS	Polycyclic Aromatic Hydrocarbons	R√FB	R√FD	R√MS,LD
SRCSD	*Escherichia coli*	R√FB	R√FD	R√
SRCSD	Fecal Coliform	R√FB	R√FD	R√

Notes:
Monitoring site IDs: UR3=Sump 111, UR2S=Strong Ranch Slough, and UR5=North Natomas Detention Basin No. 4.
F = field reading performed.
R = analysis requested on CoC.
√ = laboratory completed and reported this analysis.
FB = Field Blank collected and analyzed for this site.
FD = Field Duplicate collected and analyzed for this site.
LD = Laboratory Duplicate collected and analyzed for this site.
MS = Matrix Spike and Matrix Spike Duplicate collected and analyzed for this site.
[1] Turbidity as a field measurement is not required per the SAP but was periodically included.
[2] Field filtered within 15 minutes of composite completion.

Table 12. Dry Weather Event: May 7-8, 2019 (DW29) Samples

Lab	Analysis	Site ID		
		UR3	UR2S	UR5
Field	Dissolved Oxygen, Electrical Conductivity, pH, Temperature (water), & Turbidity [1]	F	F	F
Caltest	Alkalinity	R√LD	R√	R√
Caltest	Biochemical Oxygen Demand (5-day)	R√LD	R√	R√
Caltest	Chemical Oxygen Demand	R√LD	R√	R√
Caltest	Dissolved Organic Carbon	R√LD,MS	R√	R√FB
Caltest	Total Organic Carbon	R√LD,MS	R√	R√FB
Caltest	Electrical Conductivity	R√LD	R√	R√
Caltest	Hardness, as $CaCO_3$	R√LD	R√MS	R√FB
Caltest	Suspended Sediment Concentration	R√LD	R√	R√
Caltest	Total Dissolved Solids	R√LD	R√	R√
Caltest	Total Suspended Solids	R√LD	R√	R√
Caltest	Turbidity	R√LD	R√	R√
Caltest	Nitrate + Nitrite	R√LD	R√	R√
Caltest	Phosphorus, Total	R√LD	R√	R√
Caltest	Total Kjeldahl Nitrogen	R√LD	R√MS	R√
Caltest	Total Petroleum Hydrocarbon - Diesel and Motor Oil	R√LD	R√	R√
Caltest	Total Purgeable Petroleum Hydrocarbon - Gasoline	R√LD	R√	R√
Caltest	Metals, Dissolved (Cu, Fe, Pb, Zn) [2]	R√LD	R√	R√FB
Caltest	Metals, Total (Cu, Fe, Pb, Zn)	R√LD	R√MS	R√FB
Caltest	Mercury, Total	R√LD	R√MS	R√FB
Caltest	Methylmercury	R√LD	R√MS	R√FB
Caltest	Pyrethroids (+Diazinon, Chlorpyrifos, and Fipronil)	R√LD	R√MS	R√FB
PHYSIS	Organophosphate-Pesticides	R√LD	R√MS	R√FB
PHYSIS	Polycyclic Aromatic Hydrocarbons	R√LD	R√MS	R√FB
SRCSD	*Escherichia coli*	R√FD	R√	R√FB
SRCSD	Fecal Coliform	R√FD	R√	R√FB

Notes:
Monitoring site IDs: UR3=Sump 111, UR2S=Strong Ranch Slough, and UR5=North Natomas Detention Basin No. 4.
F = field reading performed.
R = analysis requested on CoC.
√ = laboratory completed and reported this analysis.
FB = Field Blank collected and analyzed for this site.
FD = Field Duplicate collected and analyzed for this site.
LD = Laboratory Duplicate collected and analyzed for this site.
MS = Matrix Spike and Matrix Spike Duplicate collected and analyzed for this site.
[1] Turbidity as a field measurement is not required per the SAP but was periodically included.
[2] Field filtered within 15 minutes of composite completion.

Quality Assurance/Quality Control

This section presents the results of the Quality Assurance/Quality Control (QA/QC) analyses conducted during the 2018/2019 stormwater monitoring program and an evaluation of the effects of the QA/QC results on the urban runoff data. The 2018/2019 results are evaluated for systematic data quality issues and whether the methods used adequately and consistently characterize urban runoff.

The QA/QC data evaluation assesses contamination, precision, and accuracy. Both a laboratory-initiated assessment (internal QA/QC) and a field-initiated assessment (external QA/QC) are performed. The procedures used in the QA/QC analysis performed for the 2018/2019 monitoring season are detailed in the QAPP. The QAPP has been adapted to conform to the QA/QC requirements set forth in the California Environmental Data Exchange Network (CEDEN) and includes a discussion of each type of QA/QC parameter examined. In addition, the document contains tables of data acceptability or measurement quality objectives (MQOs) for spike recovery, relative percent difference (RPD) between duplicate samples, and holding times. The review process considers both field sampling and laboratory analytical issues.

Laboratory reports are initially screened for missing analytical data (both environmental and QA/QC), holding time violations, discrepancies in analytical methods or detection limits, and any apparent out-of-range environmental results. If the analytical work appears to be missing any requested analysis, the laboratory is asked to complete the missing analysis if it is possible to do so within the specified holding time. When out-of-range results are identified within the analysis method holding time, the sample may be reanalyzed to confirm the results.

The laboratory provides the sample environmental results and the QA/QC results as electronic data deliverables (EDDs). The data are then compiled in a Microsoft Access project database, where the data is subsequently split between environmental and QA/QC results. A special set of database programming tools appends CEDEN qualifiers to the environmental and QA/QC data points where appropriate. A listing of out-of-range QA/QC samples and the resulting data qualifications for the 2018/2019 data is included in **Appendix B** of this report.

SUMMARY OF 2018/2019 QA/QC RESULTS

The results of the QA/QC analysis performed for the 2018/2019 monitoring data are presented in this section. Field-initiated QA/QC samples were collected and analyzed during the 2018-2019 monitoring events as shown in **Table 13**. Lab-initiated QA/QC samples include laboratory (i.e., method) blanks, filter blanks, laboratory control spikes and laboratory control spike duplicates, matrix spikes and matrix spike duplicates, laboratory duplicates, and surrogate analytes.

All QA/QC data for this monitoring year are included in **Appendix D** of this report and in the Sacramento Stormwater Quality Partnership's Microsoft Access project database. The success rates of all QA/QC samples analyzed are summarized by constituent classification and QA/QC analysis type in **Table 14**.

Table 13. 2018-2019 Quality Control Sample Collection Schedule (Field-initiated)

	Monitoring Events			
Monitoring Location	**WW63**	**WW64**	**WW65**	**DW29**
Sump 111	MS/MSD	MS/MSD	Field Blank	Lab/Field Duplicate
Strong Ranch Slough	Field Blank	Field Blank	Field Duplicate	MS/MSD
North Natomas Detention Basin No. 4	Field Duplicate	Field Duplicate	MS/MSD	Field Blank

Success rates for 2018/2019 QA/QC analyses are generally high and comparable with previous years' data. The exceptions and other QA/QC issues of significance are discussed in the following section. Given the qualifications attached to each affected data point in the database for the 2018/2019 monitoring year (**Appendix B** and **Appendix C** of this report), the environmental concentration data are considered to be of sufficiently high quality for future general use. However, the data qualifiers should be used to determine the suitability of particular data for use in a specific application.

Table 14. Summary of Data Evaluation

QA/QC Check	Total Number of Observations	Observations Outside of Acceptability Limits	Success Rate
Conventionals, Nutrients, Bacteriological, and Hydrocarbons			
Holding Time *(sample handling)*	276	2	99%
Field Blanks (contamination) [1]	20	6	***70%***
Laboratory/Method Blanks *(contamination)* [1]	126	2	98%
Filter Blank *(contamination)* [1]	9	0	100%
Laboratory Control Spikes *(accuracy)*	138	0	100%
Matrix Spikes *(accuracy)*	26	1	96%
Field Duplicates *(precision)* [2]	71	2	97%
Laboratory Duplicates *(precision)*	22	1	95%
LCS Duplicates *(precision)*	34	0	100%
Matrix Spike Duplicates *(precision)*	13	0	100%
Metals			
Holding Time *(sample handling)*	126	0	100%
Field Blanks (contamination) [1]	42	8	***81%***
Laboratory/Method Blanks *(contamination)* [1]	59	1	98%
Filter Blank *(contamination)* [1]	5	0	100%
Laboratory Control Spikes *(accuracy)*	59	0	100%
Matrix Spikes *(accuracy)*	46	0	100%
Field Duplicates *(precision)*	18	0	100%
Laboratory Duplicates *(precision)*	14	0	100%
LCS Duplicates *(precision)*	0	---	---
Matrix Spike Duplicates *(precision)*	23	0	100%
Fipronil			
Holding Time *(sample handling)*	48	0	100%
Field Blanks (contamination) [1]	16	2	***88%***
Laboratory/Method Blanks (contamination) [1]	24	1	96%
Laboratory Control Spikes *(accuracy)*	48	0	100%
Matrix Spikes *(accuracy)*	32	0	100%
Field Duplicates (precision)	***12***	***2***	***83%***
Laboratory Duplicates *(precision)*	4	0	100%
LCS Duplicates (precision)	24	6	***75%***
Matrix Spike Duplicates (precision)	***16***	***1***	***94%***
OP Pesticides			
Holding Time *(sample handling)*	264	0	100%
Field Blanks *(contamination)* [1]	88	0	100%
Laboratory/Method Blanks *(contamination)* [1]	112	0	100%
Laboratory Control Spikes *(accuracy)*	224	0	100%

QA/QC Check	Total Number of Observations	Observations Outside of Acceptability Limits	Success Rate
Matrix Spikes (accuracy)	176	11	***94%***
Field Duplicates *(precision)*	66	1	98%
Laboratory Duplicates *(precision)*	82	0	100%
LCS Duplicates *(precision)*	112	5	96%
Matrix Spike Duplicates *(precision)*	88	1	99%
PAHs			
Holding Time *(sample handling)*	300	0	100%
Field Blanks (contamination) [1]	100	15	***85%***
Laboratory/Method Blanks *(contamination)* [1]	125	0	100%
Laboratory Control Spikes *(accuracy)*	250	0	100%
Matrix Spikes (accuracy)	200	0	100%
Field Duplicates (precision)	***75***	***8***	***89%***
Laboratory Duplicates (precision)	***100***	***9***	***91%***
LCS Duplicates *(precision)*	125	0	100%
Matrix Spike Duplicates *(precision)*	100	0	100%
Pyrethroids			
Holding Time *(sample handling)*	132	2	98%
Field Blanks *(contamination)* [1]	44	0	100%
Laboratory/Method Blanks *(contamination)* [1]	65	0	100%
Laboratory Control Spikes *(accuracy)*	130	0	100%
Matrix Spikes *(accuracy)*	86	0	100%
Field Duplicates (precision)	***33***	***5***	***85%***
Laboratory Duplicates *(precision)*	11	0	100%
LCS Duplicates (precision)	65	11	***83%***
Matrix Spike Duplicates *(precision)*	43	0	100%
Surrogates			
Field Blanks *(contamination)*	40	0	100%
Laboratory/Method Blanks *(contamination)*	61	0	100%
Laboratory Control Spikes *(accuracy)*	117	0	100%
Matrix Spikes *(accuracy)*	80	0	100%
Field Duplicates	***36***	***3***	***92%***
Laboratory Duplicates	39	0	100%
LCS Duplicates *(precision)*	56	0	100%
Matrix Spike Duplicates *(precision)*	40	0	100%

Note: Success rates below the specified performance criteria (>95%) have been **bolded**, underlined, and *italicized* in the table.

[1] Each detected environmental sample with a concentration of less than five times the concentration measured in an associated, detected blank is considered to be an upper limit of its true concentration due to blank contamination and is qualified (analyte detected in method, trip, or equipment blank). With regard to a result that is noted to be "detected but not quantified" (i.e., DNQ) to reflect an estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL), the RL is the basis for the multiplier.

[2] Bacteriological environmental and field duplicate results are log-transformed prior to calculation of the RPD.

QA/QC Issues of Significance

The QA/QC analysis process identifies isolated incidents of out-of-range QA/QC performance, but, more importantly, identifies potentially larger trends in laboratory and sampling performance. An important and ongoing component of the QA/QC program is to report and correct these problems as they arise. Classes of constituents that have success rates below 95% for any QA/QC check are considered in more detail below. The 95% threshold is an arbitrary means to identify points of discussion. The identified issues are considered in light of historically known issues, sample specific information, and the overall significance of the data quality issue.

Contamination of Conventionals

Results for six conventional field blanks (dissolved organic carbon (two), total organic carbon (three), and hardness (one)) are greater than the MDL and were qualified as potentially having contamination. None of the associated environmental results required qualification.

Organic carbon contamination can be introduced through the equipment cleaning process when organic solvents must be used to adequately clean for other constituents. Remediation of this historical and known issue is not necessary based on the contamination level compared to the environmental concentration.

Hardness contamination was isolated to one sample and is not considered significant though it is likely due to the sensitivity and overall performance of the method rather than actual contamination. Methods will be evaluated as part of any updates to the QAPP.

Contamination of Metals

Dissolved and total metals (copper, iron, lead, and mercury) were detected above the MDL in the field blanks and quality control samples were qualified as potentially having contamination. The success rate for metals contamination is much higher if only the quantified blank detections are considered (seven of the eight field blank detections are reported as “detected but not quantified” (i.e., DNQ) to reflect an estimated analytical result value detected below the RL and above the MDL.

Because of the unquantifiable indication of contamination, this is not considered a significant issue. Sampling and equipment handling practices will be reviewed to ensure that the field crew is not introducing these contaminates to the samples. Field crews use nitrile or latex gloves when handling any samples. These gloves are powder-free, however, in some cases batches of gloves can be cross-contaminated during manufacturing and contain trace amounts of talc. Metals contamination can also come from vehicles and other sample collection equipment.

Contamination and Precision of Fipronil

Though Fipronil and degradates Fipronil Desulfinyl and Fipronil Sulfide were not detected in any field or method blanks, fipronil sulfone was detected above the MDL in two of four field blanks as well as four of six method blanks. The contamination source has not been identified and will be further assessed in future sample collection to determine if this is a persistent issue. Field blanks can be contaminated in the field or in the laboratory. Only one associated environmental result required qualification.

Both the duplicate and associated environmental result were qualified for which the precision was outside of the acceptable limit.

Contamination and Precision of PAHs

Fifteen PAH results were detected in field blanks at concentrations greater than the MDL and were qualified as potentially having contamination (thirteen of the fifteen field blank detections are reported as "detected but not quantified" (i.e., DNQ) to reflect an estimated analytical result value detected below the RL and above the MDL). Twelve associated environmental results were subsequently qualified. This issue has historically occurred. The low MDLs and overall sensitivity of the method are sensitive to low level contamination from widely present constituent (combustion). Both the duplicate and associated environmental result were qualified for which the precision was outside of the acceptable limit.

Precision of Pyrethroids

Both the duplicate and associated environmental result were qualified for which the precision was outside of the acceptable limit.

Organic Carbon

For two out of twelve instances based on the environmental data, the laboratory reported a higher observed concentration of dissolved organic carbon than the associated total organic carbon result. The difference between the two measurements is less than one reporting limit (i.e., 0.5 mg/L) for one pair and twice the RL (1 mg/L) for the second instance (22 mg/L and 21 mg/L).

Analysis of Results for Dissolved Metals

Since the dissolved metals result for a sample should always be a fraction of the total metals result, a check was performed to determine whether the dissolved metal results should be deemed invalid and rejected. The criterion selected was whether the difference between the dissolved and total metal results for a sample was greater than one reporting limit (RL). This criterion is based on a reasonable expectation for laboratory precision.

All 2018-2019 dissolved metals results are below the corresponding total metals results.

Reporting Limits Achieved

All constituents were analyzed at RLs at or below those specified in the SAP (i.e., Table 14. "Analytes, Methods, Reporting Limits, and Holding Times") or were reported as detected, with a few exceptions. The RLs of some "non-detect" results were higher than those specified in the SAP but the associated MDLs were equal to or below the RLs specified in the SAP for all but eight results (i.e., five BOD and three Permethrin). In some cases, the sample matrix introduces interference and the sample must be diluted, which increases the RL. This is considered acceptable laboratory performance if the constituent is quantified.

Results

Water quality results from each of the sites for all events monitored during the 2018/2019 monitoring year are summarized in **Table 15** through **Table 29**, grouped by monitoring site and by analyte classification. Results that were reported to be "non-detect" (i.e., indicating an analytical result that has not been detected) are shown in a blue color to be less than the associated MDL (or "<RL" if the MDL has not been reported by the laboratory). Time series plots at each monitoring station are presented in **Figure 13** through **Figure 39** for *E. coli* (Bacteriological Indicator), total suspended solids (Conventional), dissolved copper (Metal), total mercury (Metal), chlorpyrifos (Pesticide), diazinon (Pesticide), chrysene (Polycyclic Aromatic Hydrocarbon), bifenthrin (Pyrethroid), and permethrin (Pyrethroid), respectively. These specific constituents were selected as key characterization constituents.

SUMMARY OF MONITORING RESULTS

The results (concentrations of both composite and single grab samples) from monitoring conducted during the four events (WW63, WW64, WW65, and DW29) at Sump 111, Strong Ranch Slough, and North Natomas Detention Basin No. 4 monitoring stations are the best available estimates of event mean concentrations (EMCs). If any data point was flagged during the QA/QC evaluation, the qualification note is included alongside the value in the table. An explanation of each qualifier is provided in a footnote below each table. Detailed analytical results are presented in **Appendix C** (environmental data) and **Appendix D** (QA/QC data) of this report. Summary statistics for the environmental analytical results are provided in **Appendix E**. Laboratory reports, calibration logs, and field logs are included in **Appendix F**.

Table 15. 2018/2019 Results for Bacteriological Indicators, Conventionals, Field Measurements, Nutrients, and Petroleum Hydrocarbons at Sump 111

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
E. coli	MPN/100 mL	54,000	92,000	2,200	4,900
Fecal Coliform	MPN/100 mL	92,000	92,000	2,200	4,900
Alkalinity as CaCO3	mg/L	9[DNQ]	15	10	163
Bicarbonate as CaCO3	mg/L	9[DNQ]	15	10	163
Biochemical Oxygen Demand	mg/L	10	16	13	<5
Carbonate as CaCO3	mg/L	<1.2	<1.2	<1.2	<1.2
Chemical Oxygen Demand	mg/L	68	153	56	<20
Dissolved Organic Carbon	mg/L	5.3	22	3.3	4.2
Dissolved Oxygen (Field)	mg/L	12.8	11.16	10.24	7.72
Electrical Conductivity	µmhos/cm	36	66	36	490
Electrical Conductivity (Field)	µmhos/cm	4	100	158	644
Hardness as CaCO3	mg/L	16	20	11	180
Hydroxide as CaCO3	mg/L	<1.2	<1.2	<1.2	<1.2
pH (Field)	std. units	7.32	6.03	6.05	6.29
Suspended Sediment Conc.	mg/L	45	41	37	<2.0
Temperature, air (Source: CDEC, Station ID CSU)	Deg. F	55	45	54.5	60
Temperature, water (Field)	Deg. C	NS	10.9	13.43	19.31
Total Dissolved Solids	mg/L	13	38	4.0[DNQ]	250
Total Organic Carbon	mg/L	6.0	21	3.5	4.0
Total Suspended Solids	mg/L	44	37	34	<2
Turbidity	NTU	24	37	21	0.15[IL]
Turbidity (Field)	NTU	30	43.3	16.9	10.5
Nitrate + Nitrite as N	mg/L	0.32	0.51	0.25[GB]	4.2[D]
Phosphorus as P	mg/L	0.29	0.37	0.19	0.12
Total Kjeldahl Nitrogen	mg/L	1.2	2.4	1.6	1.4
TPH - Diesel Fuel	µg/L	<35	350	<37	<38
TPH - Motor Oil	µg/L	<68	1,300	<72	<74
TPPH - Gasoline Fuel	µg/L	<20	<20	<20	<20
TPPH quantitated as Gasoline	µg/L	<20	<20	<20	<20

Notes:

Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.

NS = Not Sampled. During the first monitoring event, the field crew did not record a measurement for temperature, though dissolved oxygen, electrical conductivity, and pH field results were obtained. Refer to Table 5. Hydrologic Parameters and Antecedent Conditions: November 29-30, 2018 (WW63) for information regarding the *in-situ* continuous sensors during this event.

TPH = Total Petroleum Hydrocarbon

TPPH = Total Purgeable Petroleum Hydrocarbon

D = Analytes analyzed at a secondary dilution.

DNQ = Detected but not quantified.

GB = Matrix spike recovery not within control limits.

IL = Laboratory replicate RPD exceeds control limit.

Table 16. 2018/2019 Results for Metal Constituents at Sump 111

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Copper, Dissolved	µg/L	6.5	8.0	3.4	3.6
Copper, Total	µg/L	13	16	10	5.2
Iron, Dissolved	mg/L	0.06	0.07	0.03 DNQ	0.05
Iron, Total	mg/L	0.92	1.0	0.72	0.15
Lead, Dissolved	µg/L	0.69	0.60	0.21 DNQ	<0.06
Lead, Total	µg/L	6.7	5.3	4.8	0.14 DNQ
Mercury, Total	ng/L	11	19 [1]	6.3	1.1
Methylmercury	ng/L	0.09	0.18 [1]	0.07	0.07
Zinc, Dissolved	µg/L	46	63	31	10
Zinc, Total	µg/L	97	120	85	11

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
[1] Both composite and grab sample types were collected and analyzed for this event. Results for mercury and methylmercury in the composite samples were reported to be 14 ng/L and 0.15 ng/L, respectively.

Table 17. 2018/2019 Results for Pesticide Constituents at Sump 111

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Bolstar	ng/L	<2	<2	<2	<2
Chlorpyrifos (analyzed by Caltest) [1]	ng/L	7.8	6.1 D,DNQ,IL	2.1 IL	0.5 DNQ
Chlorpyrifos (analyzed by PHYSIS) [1]	ng/L	25.1	<0.5	2.9	0.84 DNQ
Demeton, Total	ng/L	<1 GB,IL	<1	<1	<1
Diazinon (analyzed by Caltest) [1]	ng/L	<0.1	<1 D	<0.1	<0.1
Diazinon (analyzed by PHYSIS) [1]	ng/L	<0.5	<0.5	<0.5	<0.5
Dichlorvos	ng/L	<3	<3	<3	<3
Dimethoate	ng/L	<5 GB	<5	<5	<5
Disulfoton	ng/L	<1	<1	<1	<1
Ethoprop (Ethoprofos)	ng/L	<1	<1	<1	<1
Fenchlorphos (Ronnel)	ng/L	<2	<2	<2	<2
Fensulfothion	ng/L	<1 GB	<1	<1	<1
Fenthion	ng/L	<2	<2	<2	<2
Fipronil	ng/L	4.6	6.4 D,DNQ	2.6 IL	0.7 DNQ
Fipronil Desulfinyl	ng/L	1.8	<5 D	0.7 DNQ,IL	<0.5
Fipronil Sulfide	ng/L	<0.5	<5 D	<0.5 IL	<0.5
Fipronil Sulfone	ng/L	3.5 IL	9.9 D,DNQ	1.9 IL,IP	2.0
Malathion	ng/L	<2.5	<2.5	<2.5	<2.5
Methidathion	ng/L	<5	<5	<5	<5
Methyl Parathion	ng/L	<1	<1	<1	<1
Mevinphos (Phosdrin)	ng/L	<5 IL	<5	<5	<5
Phorate	ng/L	<5	<5	<5	<5
Phosmet	ng/L	<5 GB	<5	<5	<5
Tetrachlorvinphos (Stirofos)	ng/L	<2	<2	<2	<2
Tokuthion (Prothiofos)	ng/L	<3	<3	<3	<3
Trichloronate	ng/L	<1	<1	<1	<1

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
[1] Analyses for chlorpyrifos and diazinon are also performed by PHYSIS using the EPA 625 method, however, Caltest's method (i.e., EPA 8270M) is considered to be the primary result because of better quantification levels. Secondary samples are considered quality control samples for verification of results.

D = Analytes analyzed at a secondary dilution.
DNQ = Detected but not quantified.
IL = Laboratory replicate RPD exceeds control limit.
IP = Analyte detected in method, trip, or equipment blank.
GB = Matrix spike recovery not within control limits.

Table 18. 2018/2019 Results for PAH Constituents at Sump 111

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
1-Methylnaphthalene	ng/L	2.9[DNQ]	6.8	4.36[DNQ]	<1
1-Methylphenanthrene	ng/L	5.64	4[DNQ]	8.48	<1
2,3,5-Trimethylnaphthalene	ng/L	<1	<1	<1	<1
2,6-Dimethylnaphthalene	ng/L	2.5[DNQ]	3.25[DNQ]	<1	<1
2-Methylnaphthalene	ng/L	4.7[DNQ]	9.83	9.05	<1
Acenaphthene	ng/L	<1	7.13	4.61[DNQ,IP]	1.13[DNQ]
Acenaphthylene	ng/L	2.28[DNQ]	3.52[DNQ]	<1	<1
Anthracene	ng/L	4.41[DNQ]	4.91[DNQ]	3.13[DNQ]	<1
Benz(a)anthracene	ng/L	23[IL]	17.8	6.49	<1
Benzo(a)pyrene	ng/L	10.6[IL]	11.1	13.7	<1
Benzo(b)fluoranthene	ng/L	27.7[IL]	24	29.5	<1
Benzo(e)pyrene	ng/L	14.4[IL]	27	31.1	<1
Benzo(g,h,i)perylene	ng/L	15.5[IL]	36.3	51.2	<1
Benzo(k)fluoranthene	ng/L	18.4[IL]	14.3	20	<1
Biphenyl	ng/L	2.37[DNQ]	4.69[DNQ]	4.31[DNQ]	<1
Chrysene	ng/L	43.9	49.5	20	<1
Dibenz(a,h)anthracene	ng/L	<1	5.87	<1	<1
Dibenzothiophene	ng/L	<1	<1	9.49	<1
Fluoranthene	ng/L	39.8[IL]	42.2	40.8	<1
Fluorene	ng/L	3.47[DNQ]	5.07	<1	<1
Indeno(1,2,3-cd)pyrene	ng/L	14.1[IL]	15	<1	<1
Naphthalene	ng/L	7.73	13.4	20.4[IP]	2.18[DNQ]
Perylene	ng/L	<1	55.4	<1	<1
Phenanthrene	ng/L	26.6	30.5	31.8	<1
Pyrene	ng/L	45.9[IL]	54.9	56.1	1.32[DNQ]

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
IL = Laboratory replicate RPD exceeds control limit.
IP = Analyte detected in method, trip, or equipment blank.

Table 19. 2018/2019 Results for Pyrethroid Constituents at Sump 111

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Allethrin	ng/L	<0.1	<1[D]	<0.1[IL]	<0.1
Bifenthrin	ng/L	14	15[D]	5.6[IL]	0.2[DNQ]
Cyfluthrin	ng/L	0.8	<2[D]	2.6[IL]	<0.2
Cypermethrin	ng/L	2.5	3.5[D,DNQ]	1.7[IL]	<0.2
Deltamethrin/Tralomethrin	ng/L	2.5	<2[D]	0.9[DNQ,IL]	<0.2
Esfenvalerate/Fenvalerate	ng/L	0.6[DNQ]	3.7[D,DNQ]	1.6[IL]	<0.2
Fenpropathrin	ng/L	0.4[DNQ]	<2[D]	<0.2[IL]	<0.2
L-Cyhalothrin	ng/L	0.8	<2[D]	0.4[DNQ,IL]	0.4[DNQ]
Permethrin	ng/L	5.8[DNQ]	<20[D]	3.6[DNQ,IL]	<2
Tau-Fluvalinate	ng/L	<0.2	<2[D]	<0.2[IL]	<0.2
Tetramethrin	ng/L	<0.2	<2[D]	<0.2[IL]	<0.2

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
D = Analytes analyzed at a secondary dilution.
DNQ = Detected but not quantified.
IL = Laboratory replicate RPD exceeds control limit.

Table 20. 2018/2019 Results for Bacteriological Indicators, Conventionals, Field Measurements, Nutrients, and Petroleum Hydrocarbons at Strong Ranch Slough

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
E. coli	MPN/100 mL	54,000	11,000[H]	2,700	450
Fecal Coliform	MPN/100 mL	54,000	11,000[H]	7,900	92,000
Alkalinity as CaCO3	mg/L	26	16	23	158
Bicarbonate as CaCO3	mg/L	26	16	23	133
Biochemical Oxygen Demand	mg/L	9	6	<5	<5
Carbonate as CaCO3	mg/L	<1.2	<1.2	<1.2	25
Chemical Oxygen Demand	mg/L	107	48[DNQ]	30[DNQ]	81
Dissolved Organic Carbon	mg/L	9.8	7.2	4.0	15
Dissolved Oxygen (Field)	mg/L	16.3	10.20	9.73	10.68
Electrical Conductivity	µmhos/cm	97	58	69	640
Electrical Conductivity (Field)	µmhos/cm	68	172	53	943
Hardness as CaCO3	mg/L	38	21	24	190
Hydroxide as CaCO3	mg/L	<1.2	<1.2	<1.2	<1.2
pH (Field)	std. units	4.36	6.01	7.34	6.48
Suspended Sediment Conc.	mg/L	110	50	131[FDP]	9.5
Temperature, air (Source: CDEC, Station ID CSU)	Deg. F	54.5	49	52.5	54
Temperature, water (Field)	Deg. C	NS	12.60	13.70	20.34
Total Dissolved Solids	mg/L	61	42	32	410
Total Organic Carbon	mg/L	10	7.8	4.4	16
Total Suspended Solids	mg/L	106	39	52	8
Turbidity	NTU	45[D]	33	32	6.1
Turbidity (Field)	NTU	49	138	40.1	4.72
Nitrate + Nitrite as N	mg/L	0.49	0.41	0.33	0.08[DNQ]
Phosphorus as P	mg/L	0.43	0.29	0.22	0.20
Total Kjeldahl Nitrogen	mg/L	2.0	1.1	0.55[FDP]	2.1
TPH - Diesel Fuel	µg/L	<37	150[DNQ]	<37	<35
TPH - Motor Oil	µg/L	<72	570	<73	<69
TPPH - Gasoline Fuel	µg/L	<20	<20	<20	<20
TPPH quantitated as Gasoline	µg/L	<20	<20	<20	<20

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
NS = Not Sampled. During the first monitoring event, the field crew did not record a measurement for temperature, though dissolved oxygen, electrical conductivity, and pH field results were obtained. Refer to Table 5. Hydrologic Parameters and Antecedent Conditions: November 29-30, 2018 (WW63) for information regarding the *in-situ* continuous sensors during this event.
TPH = Total Petroleum Hydrocarbon
TPPH = Total Purgeable Petroleum Hydrocarbon
D = Analytes analyzed at a secondary dilution.
DNQ = Detected but not quantified.
FDP = Field duplicate RPD not within control limits.
H = Analyte received and analyzed outside of recommended hold time.

Table 21. 2018/2019 Results for Metal Constituents at Strong Ranch Slough

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Copper, Dissolved	µg/L	5.6	3.8	3.7	11
Copper, Total	µg/L	18	13	8.7	13
Iron, Dissolved	mg/L	0.14	0.09	0.08	0.07
Iron, Total	mg/L	2.1	1.2	1.1	0.24
Lead, Dissolved	µg/L	0.88[IP]	0.42	0.35	0.24[DNQ]
Lead, Total	µg/L	11	6.5	5.4	0.89
Mercury, Total	ng/L	14	6.8 [1]	32	4.1
Methylmercury	ng/L	0.20	0.19 [1]	0.19	0.48
Zinc, Dissolved	µg/L	29	23	22	7.5[DNQ]
Zinc, Total	µg/L	110	66	59	18

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
IP = Analyte detected in method, trip, or equipment blank.
[1] Both composite and grab sample types were collected and analyzed for this event. Results for mercury and methylmercury in the composite samples were reported to be 14 ng/L and 0.22 ng/L, respectively.

Table 22. 2018/2019 Results for Pesticide Constituents at Strong Ranch Slough

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Bolstar	ng/L	<2	<2	<2	<2
Chlorpyrifos (analyzed by Caltest) [1]	ng/L	<2 D	<2 D,IL	<0.5 IL	<0.5
Chlorpyrifos (analyzed by PHYSIS) [1]	ng/L	6.17	<0.5	<0.5	<0.5
Demeton, Total	ng/L	<1	<1	<1	<1
Diazinon (analyzed by Caltest) [1]	ng/L	<0.5 D	<0.5 D	<0.1	3.8
Diazinon (analyzed by PHYSIS) [1]	ng/L	<0.5	<0.5	<0.5	<0.5
Dichlorvos	ng/L	<3	<3	<3	<3
Dimethoate	ng/L	<5	<5	<5	<5
Disulfoton	ng/L	<1	<1	<1	<1
Ethoprop (Ethoprofos)	ng/L	<1	<1	<1	<1
Fenchlorphos (Ronnel)	ng/L	<2	<2	<2	<2
Fensulfothion	ng/L	<1 IL	<1	<1	<1 GB
Fenthion	ng/L	<2	<2	<2	<2
Fipronil	ng/L	15 D	12 D	13 D,FDP,IL	0.9 DNQ
Fipronil Desulfinyl	ng/L	3.2 D,DNQ	2.8 D,DNQ	1.8 IL	1.9
Fipronil Sulfide	ng/L	<2 D	<2 D	1.2 IL	<0.5
Fipronil Sulfone	ng/L	11 D,IL	11 D	14 D,FDP,IL	4.6
Malathion	ng/L	<2.5	<2.5	<2.5	<2.5
Methidathion	ng/L	<5	<5	<5	<5
Methyl Parathion	ng/L	<1	<1	<1	<1
Mevinphos (Phosdrin)	ng/L	<5	<5	<5	<5
Phorate	ng/L	<5	<5	<5	<5
Phosmet	ng/L	<5	<5	<5	<5
Tetrachlorvinphos (Stirofos)	ng/L	<2	<2	<2	<2 GB
Tokuthion (Prothiofos)	ng/L	<3	<3	<3	<3
Trichloronate	ng/L	<1	<1	<1	<1

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.

[1] Analyses for chlorpyrifos and diazinon are also performed by PHYSIS using the EPA 625 method, however, Caltest's method (i.e., EPA 8270M) is considered to be the primary result because of better quantification levels. Secondary samples are considered quality control samples for verification of results.

D = Analytes analyzed at a secondary dilution.
FDP = Field duplicate RPD not within control limits.
IL = Laboratory replicate RPD exceeds control limit.
DNQ = Detected but not quantified.
GB = Matrix spike recovery not within control limits.

Table 23. 2018/2019 Results for PAH Constituents at Strong Ranch Slough

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
1-Methylnaphthalene	ng/L	31	3.56[DNQ]	3.03[DNQ]	1.16[DNQ]
1-Methylphenanthrene	ng/L	4.35[DNQ]	3.44[DNQ]	4.25[DNQ]	<1
2,3,5-Trimethylnaphthalene	ng/L	<1	<1	<1	<1
2,6-Dimethylnaphthalene	ng/L	6.67	2.84[DNQ]	<1	<1
2-Methylnaphthalene	ng/L	50.4	6.14[IP]	8.01	1.72[DNQ]
Acenaphthene	ng/L	12.4[IP]	3.4[DNQ,IP]	3.47[DNQ]	2.54[DNQ]
Acenaphthylene	ng/L	3.49[DNQ]	2.72[DNQ]	<1	<1
Anthracene	ng/L	2.28[DNQ]	3.96[DNQ]	2.21[DNQ]	<1
Benz(a)anthracene	ng/L	9.35	14.6	6.51	<1
Benzo(a)pyrene	ng/L	16.3	13.3	12.1	<1
Benzo(b)fluoranthene	ng/L	33.8	19.7[IP]	33.9[FDP]	<1
Benzo(e)pyrene	ng/L	31.6	19.8	26.5[FDP]	<1
Benzo(g,h,i)perylene	ng/L	28.4	22.9	34.4[FDP]	<1
Benzo(k)fluoranthene	ng/L	24.3	15.8	24.3[FDP]	<1
Biphenyl	ng/L	2.58[DNQ]	3.28[DNQ]	<1	1.21[DNQ]
Chrysene	ng/L	8.4	32.4	16.5[FDP]	<1
Dibenz(a,h)anthracene	ng/L	<1	3.83[DNQ,IP]	<1	<1
Dibenzothiophene	ng/L	7.88	<1	<1	<1
Fluoranthene	ng/L	26.5	34.4	38.5[FDP]	2.52[DNQ]
Fluorene	ng/L	4.34[DNQ]	6.13	<1	<1
Indeno(1,2,3-cd)pyrene	ng/L	46.7	15.1	35.2	<1
Naphthalene	ng/L	81	7.74[IP]	6.51	3.38[DNQ]
Perylene	ng/L	<1	41	<1	<1
Phenanthrene	ng/L	23.6[IP]	21[IP]	22.1[FDP]	3.18[DNQ]
Pyrene	ng/L	24.8	33	42.8[FDP]	3.47[DNQ]

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
FDP = Field duplicate RPD not within control limits.
IP = Analyte detected in method, trip, or equipment blank.

Table 24. 2018/2019 Results for Pyrethroid Constituents at Strong Ranch Slough

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Allethrin	ng/L	<0.5[D]	<0.5[D]	<0.1[IL]	<0.1
Bifenthrin	ng/L	19[D]	14[D]	16[FDP,IL]	1.0
Cyfluthrin	ng/L	2.8[D]	1.0[D,DNQ]	0.9[IL]	<0.2
Cypermethrin	ng/L	1.7[D,DNQ]	1.5[D,DNQ]	1.2[FDP,IL]	<0.2
Deltamethrin/Tralomethrin	ng/L	8.3[D]	2.2[D,DNQ]	3.5[FDP,IL]	<0.2
Esfenvalerate/Fenvalerate	ng/L	<1[D]	<1[D]	1.3[IL]	<0.2
Fenpropathrin	ng/L	<1[D]	<1[D]	<0.2[IL]	<0.2
L-Cyhalothrin	ng/L	<1[D,H]	<1[D]	0.7[IL]	<0.2
Permethrin	ng/L	<10[D,H]	<10[D]	2.8[DNQ,IL]	<2
Tau-Fluvalinate	ng/L	<1[D]	<1[D]	<0.2[IL]	<0.2
Tetramethrin	ng/L	<1[D]	<1[D]	<0.2[IL]	<0.2

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
D = Analytes analyzed at a secondary dilution.
DNQ = Detected but not quantified.
FDP = Field duplicate RPD not within control limits.
H = Analyte analyzed outside of recommended hold time.
IL = Laboratory replicate RPD exceeds control limit.

Table 25. 2018/2019 Results for Bacteriological Indicators, Conventionals, Field Measurements, Nutrients, and Petroleum Hydrocarbons at North Natomas Detention Basin No. 4

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
E. coli	MPN/100 mL	92,000	3,300	13,000	210
Fecal Coliform	MPN/100 mL	54,000	4,900	13,000	400
Alkalinity as CaCO3	mg/L	37	46	45	254
Bicarbonate as CaCO3	mg/L	37	46	45	254
Biochemical Oxygen Demand	mg/L	<5	<5	6	6
Carbonate as CaCO3	mg/L	<1.2	<1.2	<1.2	<1.2
Chemical Oxygen Demand	mg/L	25^{DNQ}	57	<20	25^{DNQ}
Dissolved Organic Carbon	mg/L	11	7.1	5.8	6.6
Dissolved Oxygen (Field)	mg/L	8.7	7.97	8.10	4.02
Electrical Conductivity	µmhos/cm	120	130	130	650
Electrical Conductivity (Field)	µmhos/cm	122	336	143	717
Hardness as CaCO3	mg/L	36	42	42	230
Hydroxide as CaCO3	mg/L	<1.2	<1.2	<1.2	<1.2
pH (Field)	std. units	5.51	6.03	6.44	6.29
Suspended Sediment Conc.	mg/L	12	9.4	15	3.6
Temperature, air (Source: CDEC, Station ID CSU)	Deg. F	55	50	55.5	65.5
Temperature, water (Field)	Deg. C	NS	11.85	12.61	22.24
Total Dissolved Solids	mg/L	89	83	57	380
Total Organic Carbon	mg/L	15	8.6	7.3	8.2
Total Suspended Solids	mg/L	10	16	12	3
Turbidity	NTU	9.3	12	9.2	1.8
Turbidity (Field) [1]	NTU	NS	92	19.1	9.19
Nitrate + Nitrite as N	mg/L	0.44	0.28	0.29	0.08^{DNQ}
Phosphorus as P	mg/L	0.31	0.23	0.26	0.49
Total Kjeldahl Nitrogen	mg/L	1.3	1.2	1.5	2.0
TPH - Diesel Fuel	µg/L	<35	<35	<34	<35
TPH - Motor Oil	µg/L	<69	<68	<66	<69
TPPH - Gasoline Fuel	µg/L	<20	<20	<20	<20
TPPH quantitated as Gasoline	µg/L	<20	<20	<20	<20

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
NS = Not Sampled. During the first monitoring event, the field crew did not record a measurement for temperature, though dissolved oxygen, electrical conductivity, and pH field results were obtained. Refer to Table 5. Hydrologic Parameters and Antecedent Conditions: November 29-30, 2018 (WW63) for information regarding the *in-situ* continuous sensors during this event.
TPH = Total Petroleum Hydrocarbon
TPPH = Total Purgeable Petroleum Hydrocarbon
D = Analytes analyzed at a secondary dilution.
DNQ = Detected but not quantified.
[1] Turbidity as a field measurement is not required per the SAP but was periodically included.

Table 26. 2018/2019 Results for Metal Constituents at North Natomas Detention Basin No. 4

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Copper, Dissolved	µg/L	4.0	2.2	2.1	0.27[DNQ]
Copper, Total	µg/L	4.3	3.4	4.0	0.62[IP]
Iron, Dissolved	mg/L	0.10	0.07	0.05	0.07
Iron, Total	mg/L	0.37	0.42	0.40	0.12[IP]
Lead, Dissolved	µg/L	0.18[DNQ]	0.09[DNQ]	<0.06	<0.06
Lead, Total	µg/L	0.45	0.44	0.33	<0.06
Mercury, Total	ng/L	3.6	2.1 [1]	3.4	1.2
Methylmercury	ng/L	0.11	0.08 [1]	0.10	0.70
Zinc, Dissolved	µg/L	19	14	12	1.0[DNQ]
Zinc, Total	µg/L	27	22	25	2.2

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
IP = Analyte detected in method, trip, or equipment blank.
[1] Both composite and grab sample types were collected and analyzed for this event. Results for mercury and methylmercury in the composite samples were reported to be 3.7 ng/L and 0.08 ng/L, respectively.

Table 27. 2018/2019 Results for Pesticide Constituents at North Natomas Detention Basin No. 4

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Bolstar	ng/L	<2	<2	<2	<2
Chlorpyrifos (analyzed by Caltest) [1]	ng/L	2.1	0.5 DNQ,IL	<0.5 IL	<0.5
Chlorpyrifos (analyzed by PHYSIS) [1]	ng/L	1.14 FDP	<0.5	<0.5	<0.5
Demeton, Total	ng/L	<1	<1	<1	<1
Diazinon (analyzed by Caltest) [1]	ng/L	2.7	<0.1	<0.1	<0.1
Diazinon (analyzed by PHYSIS) [1]	ng/L	<0.5	<0.5	<0.5	<0.5
Dichlorvos	ng/L	<3	<3	<3	<3
Dimethoate	ng/L	<5	<5	<5	<5
Disulfoton	ng/L	<1	<1	<1	<1
Ethoprop (Ethoprofos)	ng/L	<1	<1	<1	<1
Fenchlorphos (Ronnel)	ng/L	<2	<2	<2	<2
Fensulfothion	ng/L	<1 IL	<1	<1 GB	<1
Fenthion	ng/L	<2	<2	<2	<2
Fipronil	ng/L	24	9.1	10 IL	3.8
Fipronil Desulfinyl	ng/L	10	4.7	3.8 IL	3.5
Fipronil Sulfide	ng/L	1.9	2.0	1.5 IL	2.4
Fipronil Sulfone	ng/L	20 IL	12	12 IL	14
Malathion	ng/L	<2.5	<2.5	<2.5	<2.5
Methidathion	ng/L	<5	<5	<5	<5
Methyl Parathion	ng/L	<1	<1	<1	<1
Mevinphos (Phosdrin)	ng/L	<5	<5	<5	<5
Phorate	ng/L	<5	<5	<5	<5
Phosmet	ng/L	<5	<5	<5	<5
Tetrachlorvinphos (Stirofos)	ng/L	<2	<2	<2	<2
Tokuthion (Prothiofos)	ng/L	<3	<3	<3	<3
Trichloronate	ng/L	<1	<1	<1	<1

Notes:

Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.

[1] Analyses for chlorpyrifos and diazinon are also performed by PHYSIS using the EPA 625 method, however, Caltest's method (i.e., EPA 8270M) is considered to be the primary result because of better quantification levels. Secondary samples are considered quality control samples for verification of results. D = Analytes analyzed at a secondary dilution.

DNQ = Detected but not quantified. FDP = Field duplicate RPD not within control limits.

GB = Matrix spike recovery not within control limits.

IL = Laboratory replicate RPD exceeds control limit.

Table 28. 2018/2019 Results for PAH Constituents at North Natomas Detention Basin No. 4

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
1-Methylnaphthalene	ng/L	1.37[DNQ]	3.03[DNQ]	3.14[DNQ]	1.25[DNQ]
1-Methylphenanthrene	ng/L	1.26[DNQ]	<1	<1	<1
2,3,5-Trimethylnaphthalene	ng/L	<1	<1	<1	<1
2,6-Dimethylnaphthalene	ng/L	<1	<1	<1	<1
2-Methylnaphthalene	ng/L	2.41[DNQ]	4.18[DNQ]	6.19	1.78[DNQ,IP]
Acenaphthene	ng/L	<1	8	<1	1.45[DNQ]
Acenaphthylene	ng/L	2.74[DNQ]	1.36[DNQ]	<1	<1
Anthracene	ng/L	<1	1.18[DNQ]	<1	<1
Benz(a)anthracene	ng/L	<1	<1	<1	<1
Benzo(a)pyrene	ng/L	<1	1.51[DNQ]	<1	<1
Benzo(b)fluoranthene	ng/L	<1	2.28[DNQ]	<1	<1
Benzo(e)pyrene	ng/L	<1	2.2[DNQ]	<1	<1
Benzo(g,h,i)perylene	ng/L	<1	3.23[DNQ]	<1	<1
Benzo(k)fluoranthene	ng/L	<1	1.36[DNQ]	<1	<1
Biphenyl	ng/L	1.5[DNQ]	1.58[DNQ]	<1	1.49[DNQ]
Chrysene	ng/L	<1	4.69[DNQ]	<1	<1
Dibenz(a,h)anthracene	ng/L	<1	2.54[DNQ]	<1	<1
Dibenzothiophene	ng/L	2.05[DNQ]	<1	<1	<1
Fluoranthene	ng/L	<1	3.91[DNQ]	2.99[DNQ]	<1
Fluorene	ng/L	2.54[DNQ]	5.81	<1	<1
Indeno(1,2,3-cd)pyrene	ng/L	<1	<1	<1	<1
Naphthalene	ng/L	2.79[DNQ]	5.89	2.99[DNQ]	2.89[DNQ,IP]
Perylene	ng/L	<1	14.2	<1	<1
Phenanthrene	ng/L	3.99[DNQ]	4.96[DNQ]	4.48[DNQ]	1.64[DNQ]
Pyrene	ng/L	<1	5.44	5.67	<1

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
IP = Analyte detected in method, trip, or equipment blank.

Table 29. 2018/2019 Results for Pyrethroid Constituents at North Natomas Detention Basin No. 4

Constituent	Unit	Monitoring Event			
		WW63	WW64	WW65	DW29
Allethrin	ng/L	<0.1	<0.1	<0.1[IL]	<0.1
Bifenthrin	ng/L	14	20	10[IL]	0.6
Cyfluthrin	ng/L	2.5[FDP]	1.6	1.1[IL]	<0.2
Cypermethrin	ng/L	0.7	0.6	0.6[IL]	<0.2
Deltamethrin/Tralomethrin	ng/L	4.3	1.9	5.4[IL]	<0.2
Esfenvalerate/Fenvalerate	ng/L	0.4[DNQ]	0.7[DNQ]	1.3[IL]	<0.2
Fenpropathrin	ng/L	<0.2	<0.2	<0.2[IL]	<0.2
L-Cyhalothrin	ng/L	0.4[DNQ]	1.3[FDP]	0.4[DNQ,IL]	<0.2
Permethrin	ng/L	<2	<2	3.3[DNQ,IL]	<2
Tau-Fluvalinate	ng/L	<0.2	<0.2	<0.2[IL]	<0.2
Tetramethrin	ng/L	<0.2	<0.2	<0.2[IL]	<0.2

Notes:
Non-detects are shown as "<MDL" (or "<RL" if the MDL has not been reported by the laboratory) and in blue.
DNQ = Detected but not quantified.
FDP = Field duplicate RPD not within control limits.
IL = Laboratory replicate RPD exceeds control limit.

TIME SERIES PLOTS

Time series plots for nine key representative constituents, *E. coli* (Bacteriological Indicator), total suspended solids (Conventional), dissolved copper (Metal), total mercury (Metal), chlorpyrifos (Pesticide), diazinon (Pesticide), chrysene (Polycyclic Aromatic Hydrocarbon), bifenthrin (Pyrethroid), and permethrin (Pyrethroid), are provided in **Figure 13** through **Figure 39**.

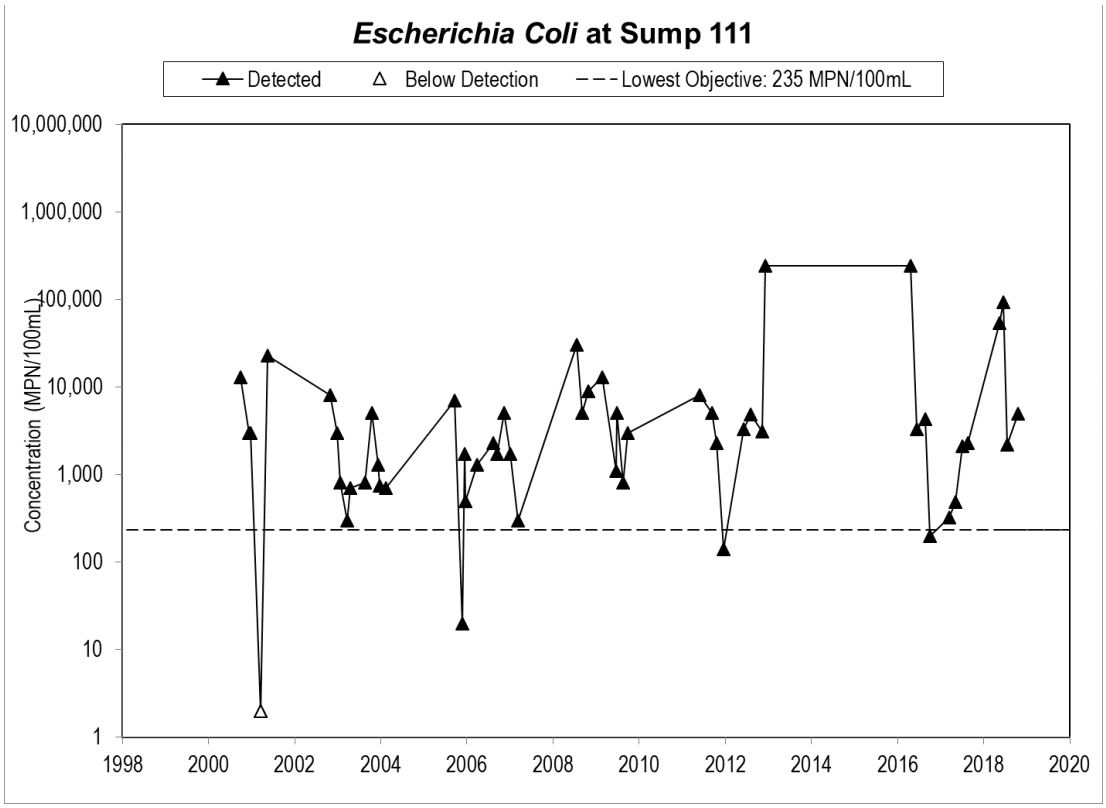

Figure 13. *E. coli* at Sump 111 (2000-2019)

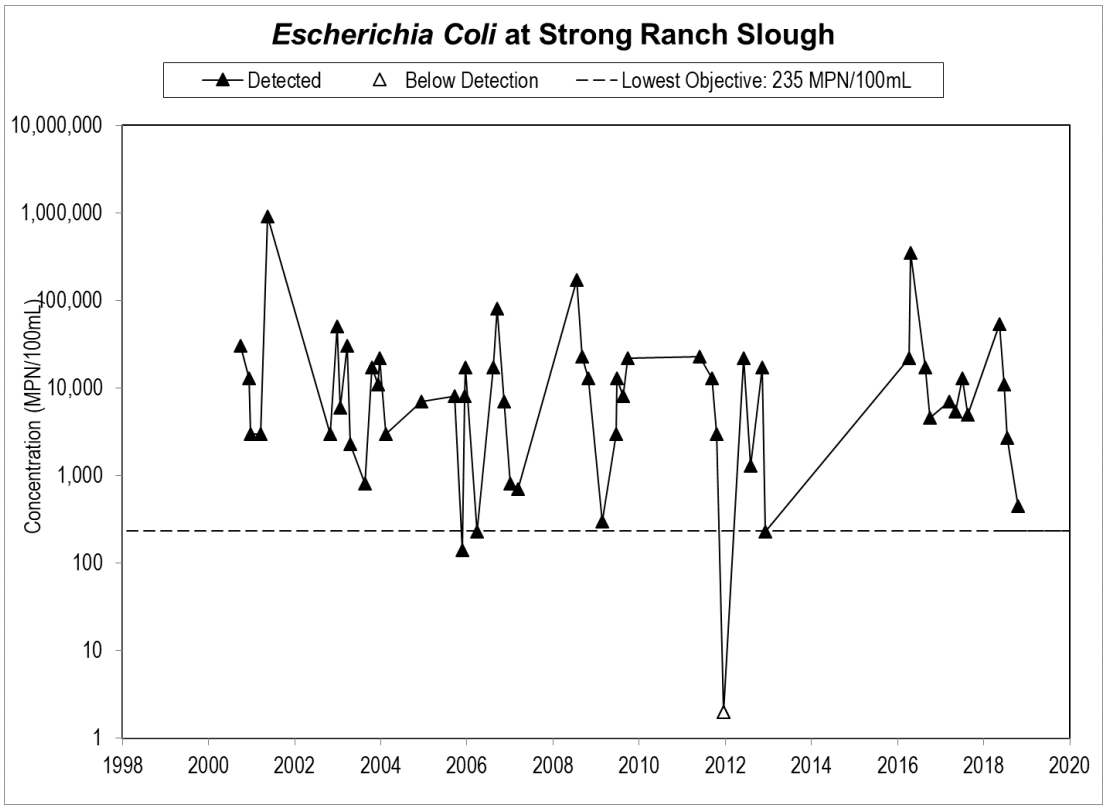

Figure 14. *E. coli* at Strong Ranch Slough (2000-2019)

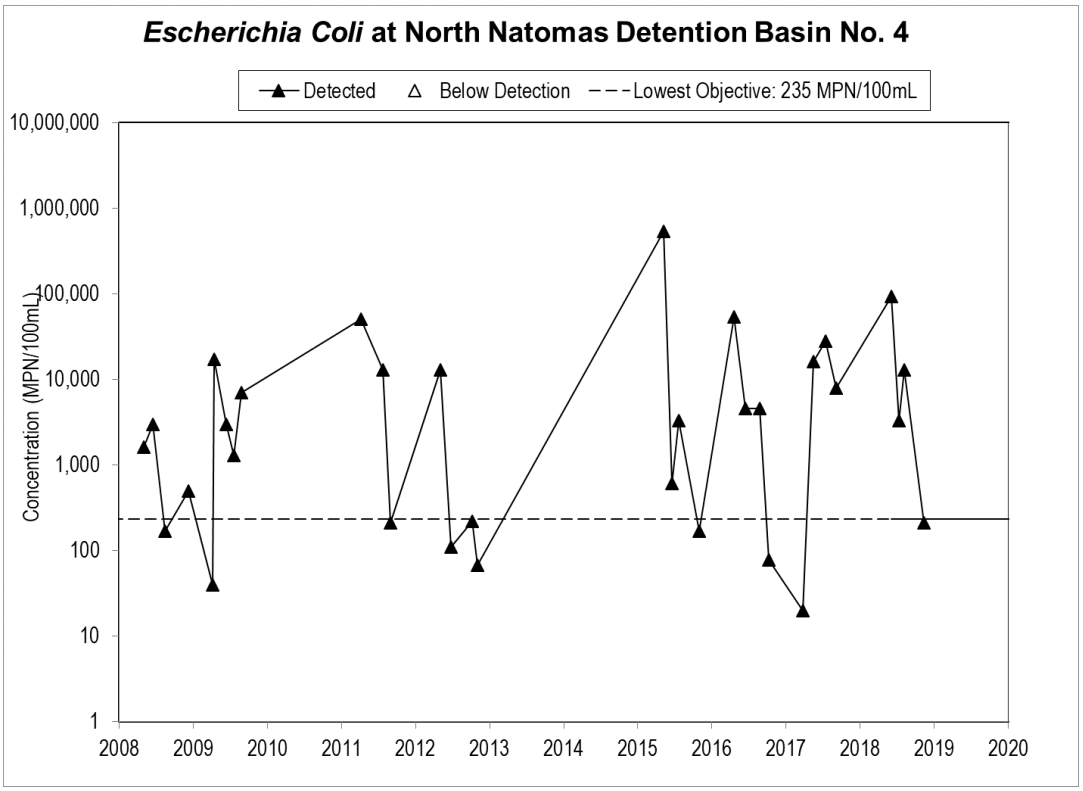

Figure 15. *E. coli* at North Natomas Detention Basin No. 4 (2008-2019)

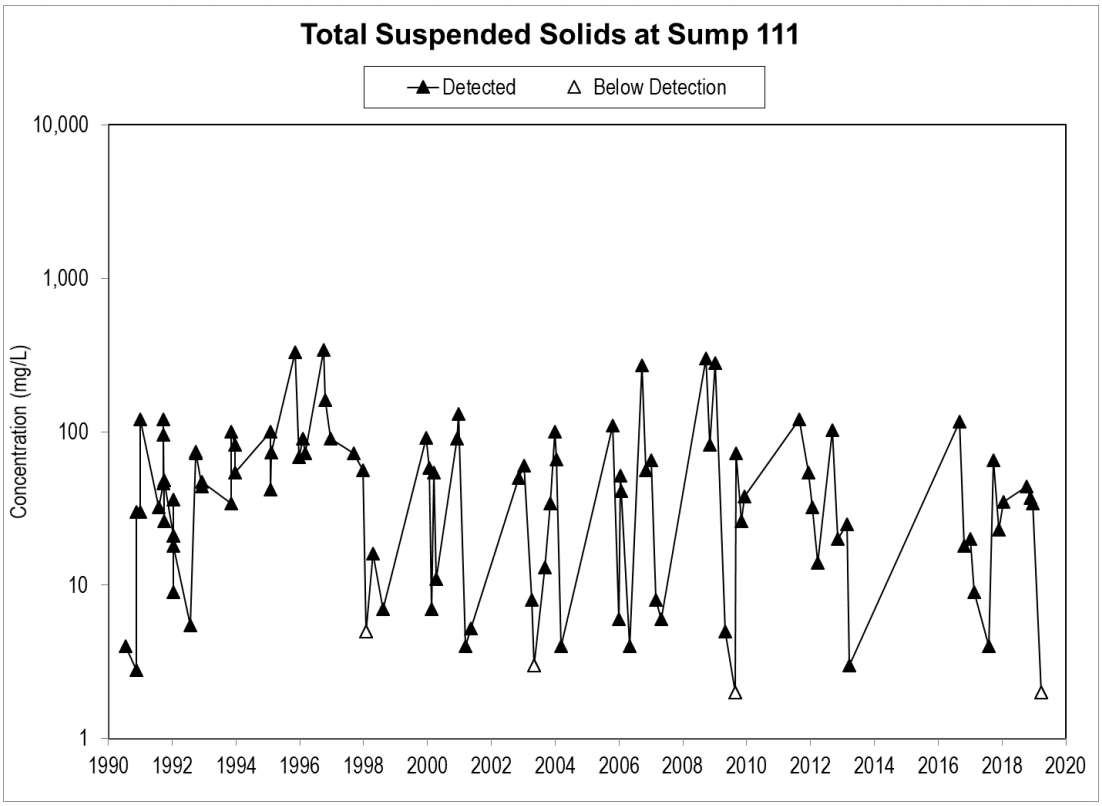

Figure 16. Total Suspended Solids at Sump 111 (1990-2019)

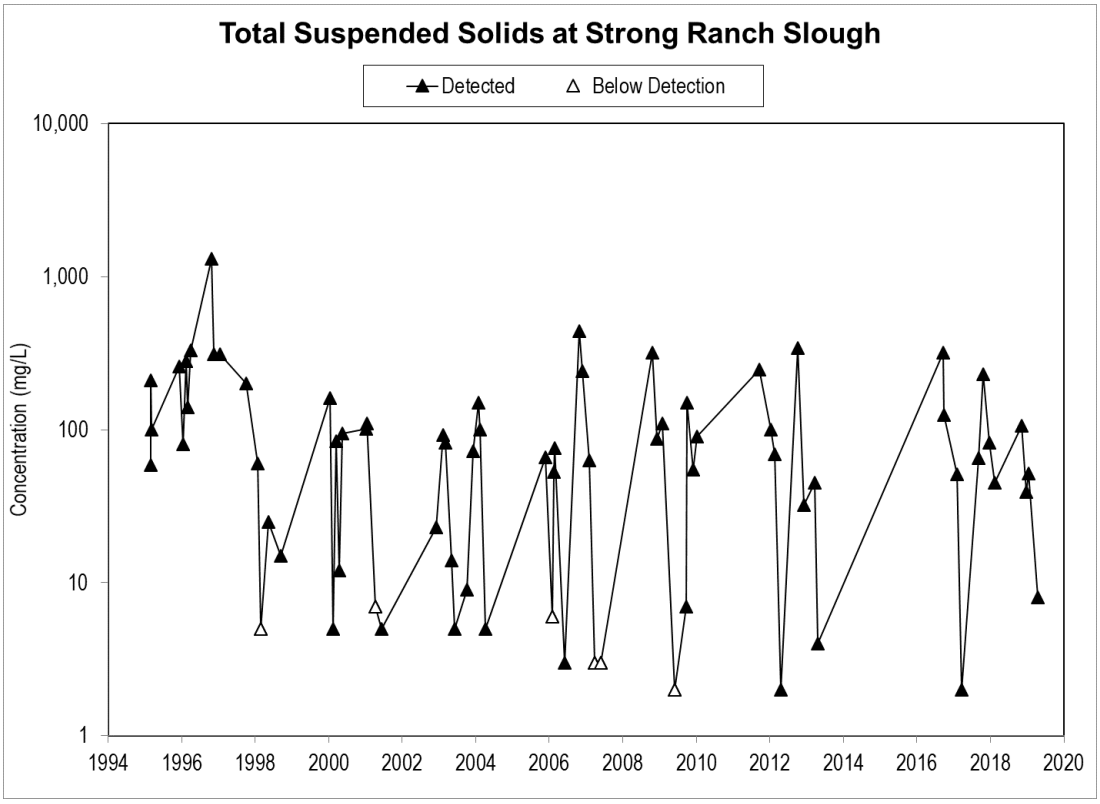

Figure 17. Total Suspended Solids at Strong Ranch Slough (1995-2019)

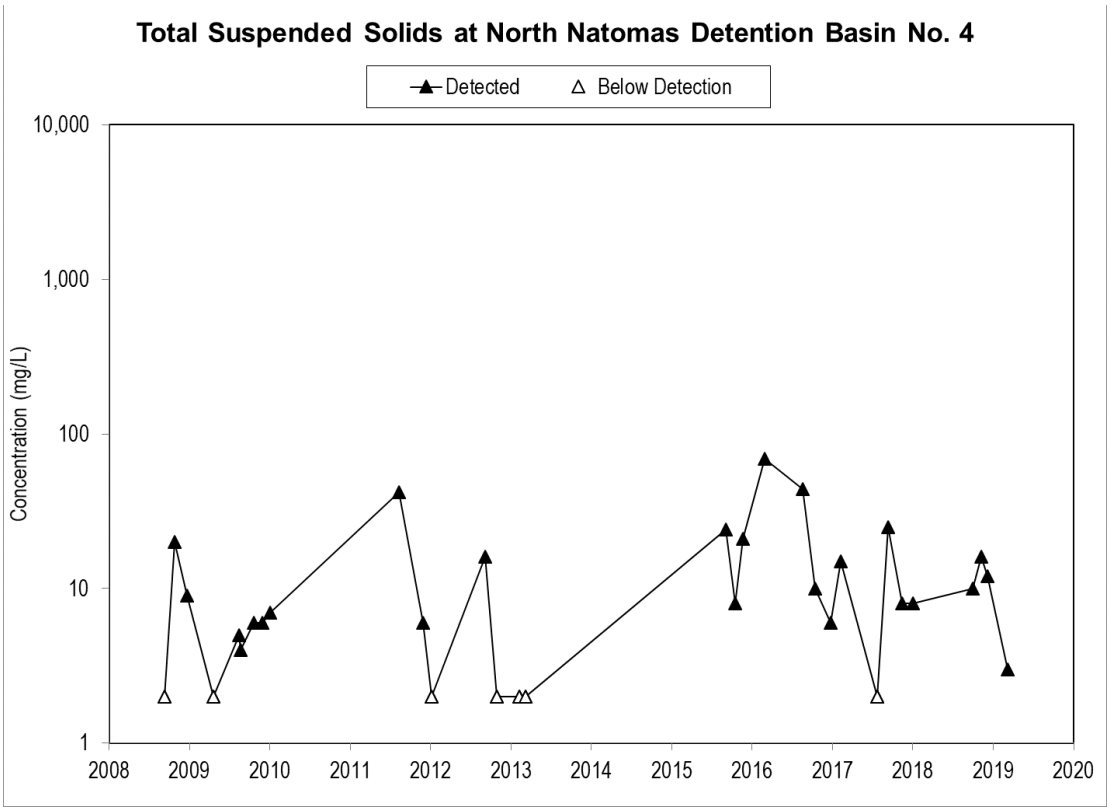

Figure 18. Total Suspended Solids at North Natomas Detention Basin No. 4 (2008-2019)

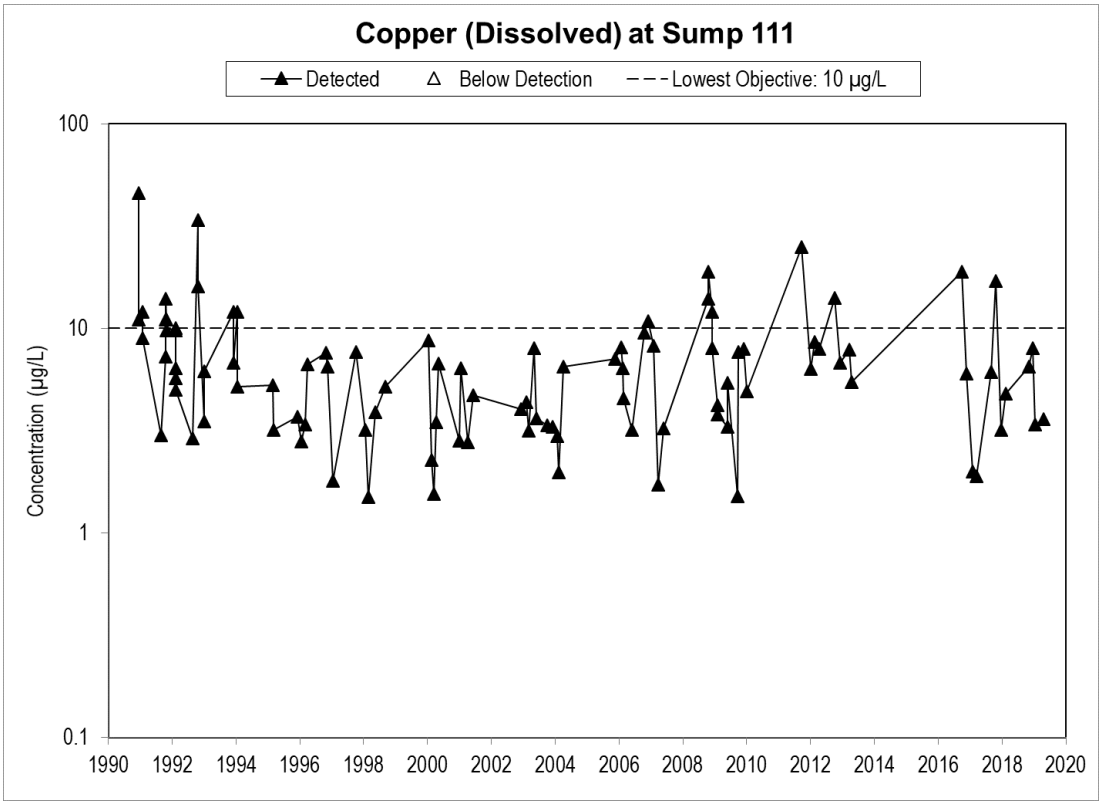

Figure 19. Dissolved Copper at Sump 111 (1990-2019)

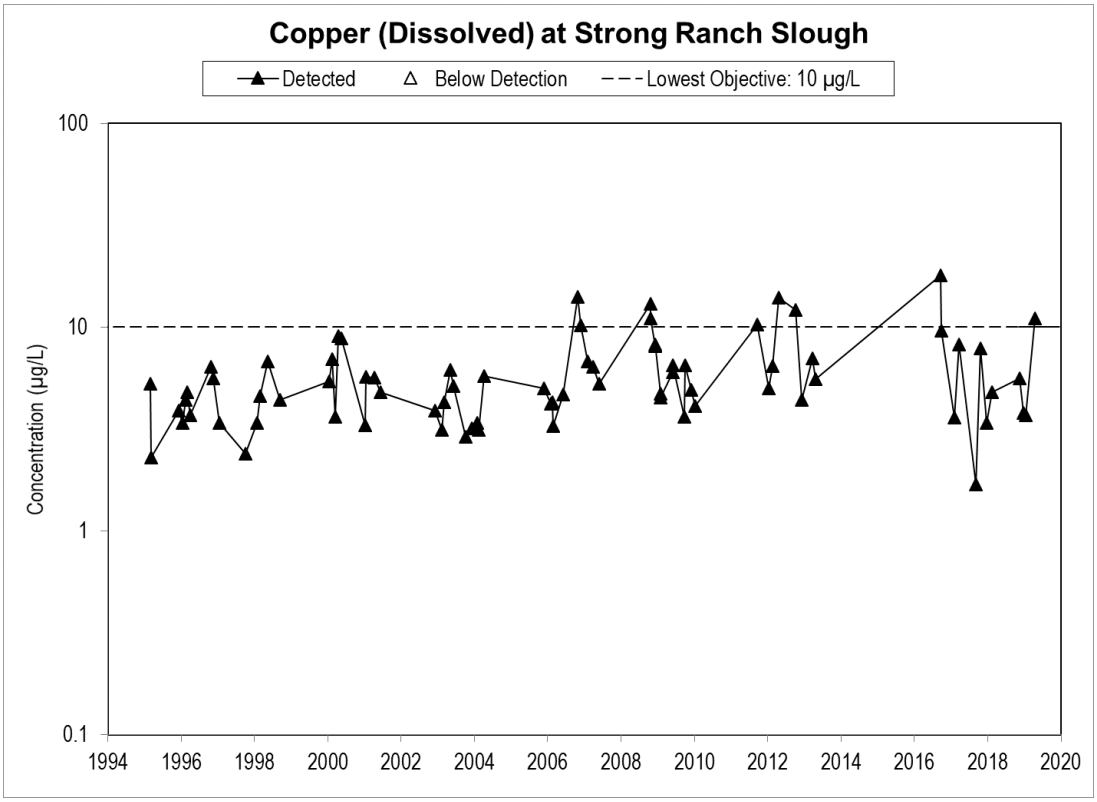

Figure 20. Dissolved Copper at Strong Ranch Slough (1995-2019)

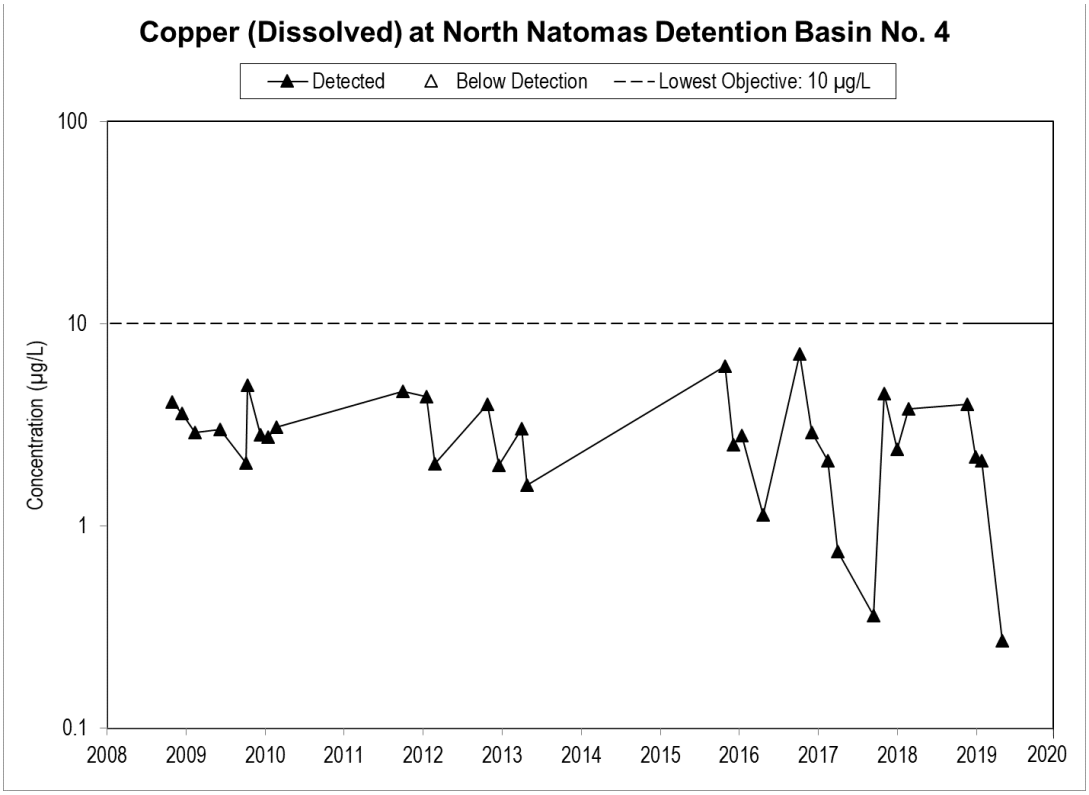

Figure 21. Dissolved Copper at North Natomas Detention Basin No. 4 (2008-2019)

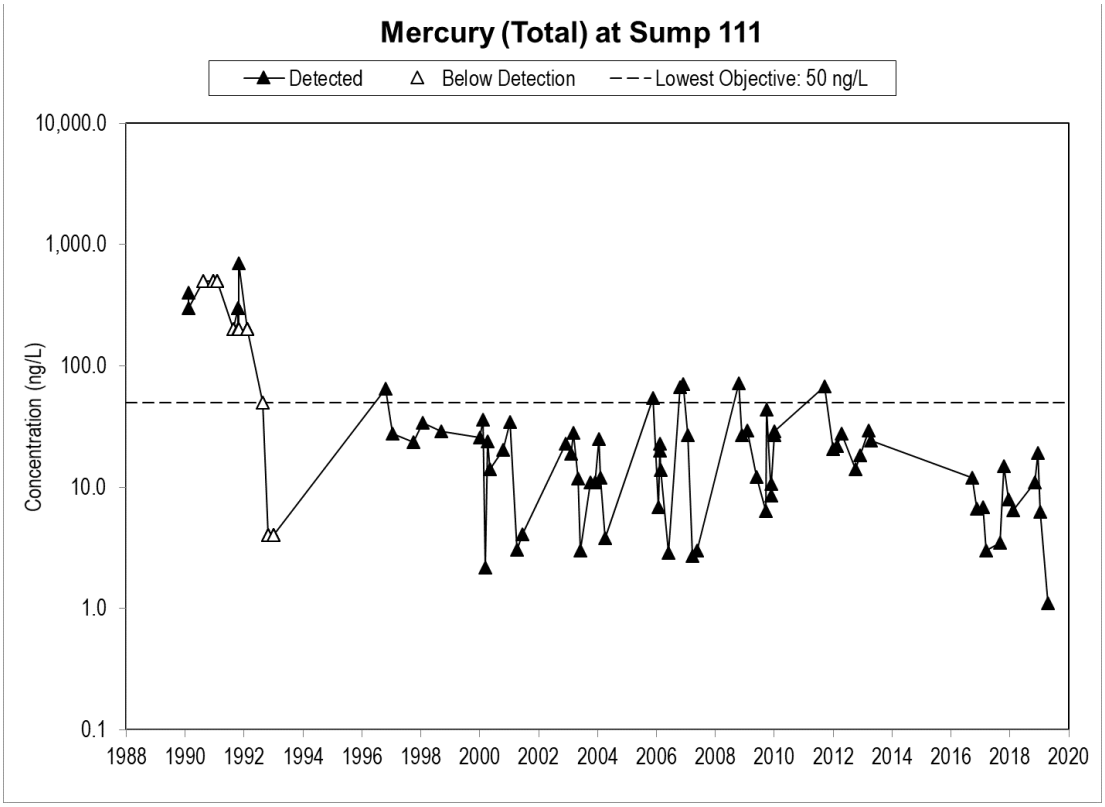

Figure 22. Total Mercury at Sump 111 (1990-2019)

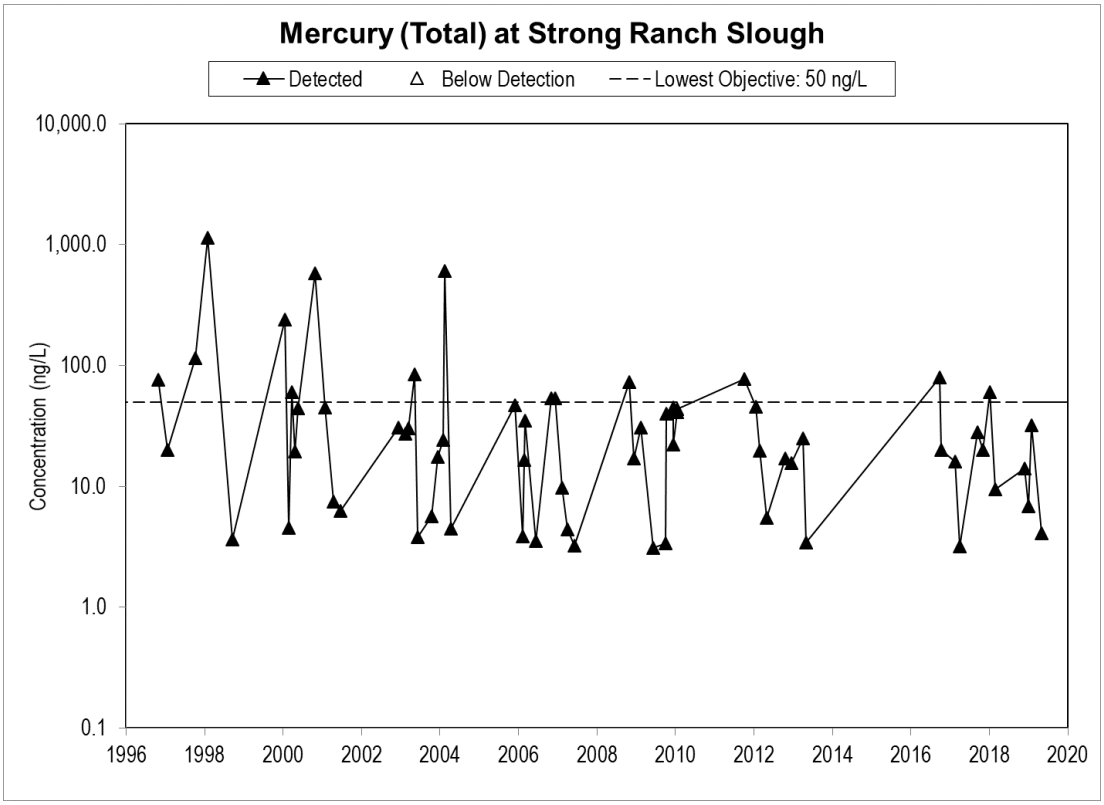

Figure 23. Total Mercury at Strong Ranch Slough (1996-2019)

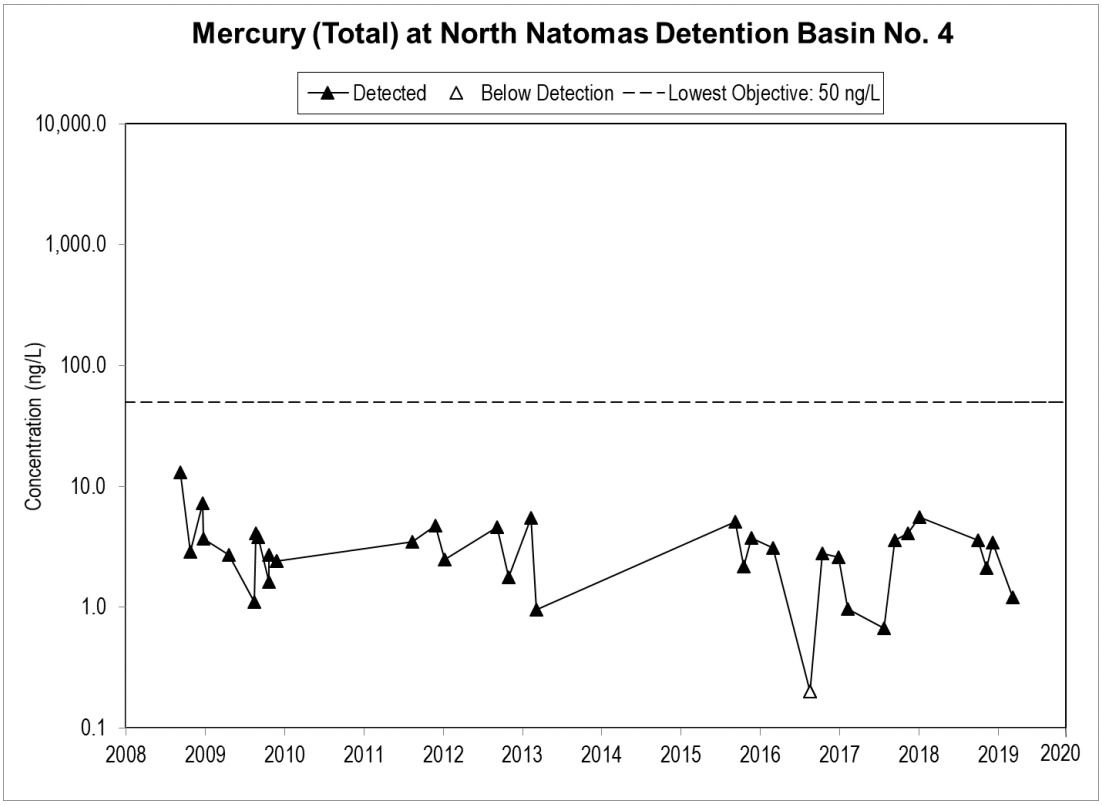

Figure 24. Total Mercury at North Natomas Detention Basin No. 4 (2008-2019)

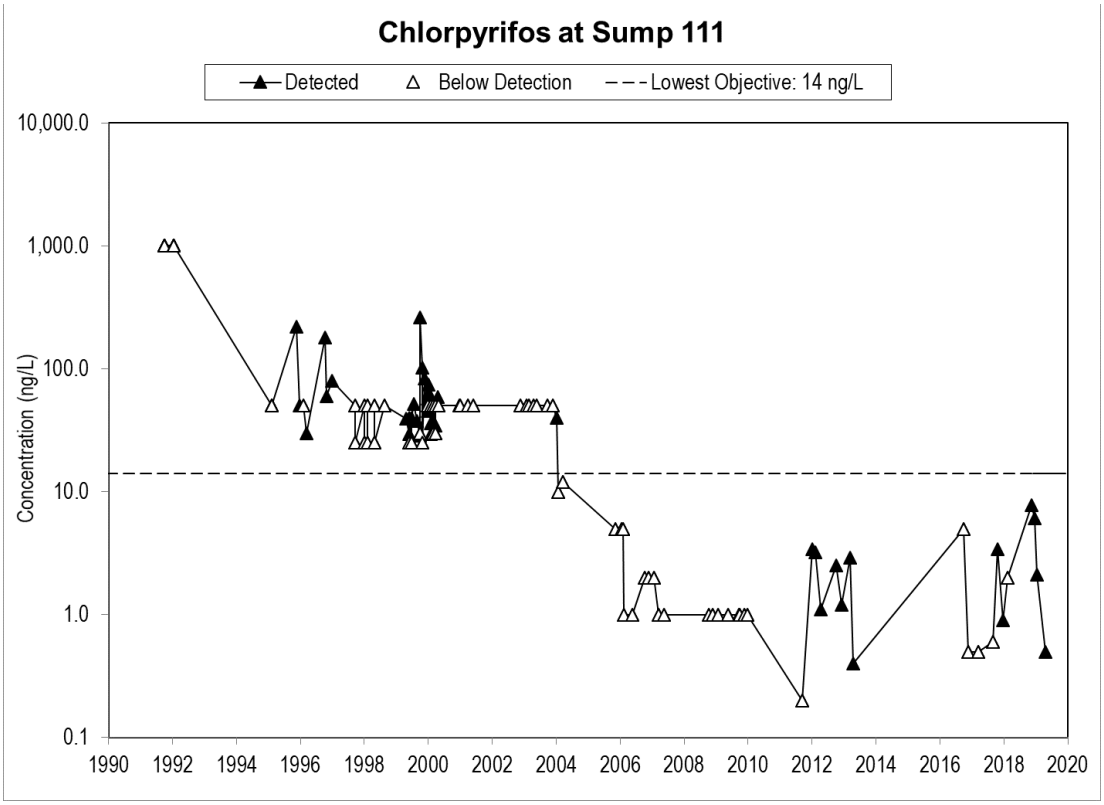

Figure 25. Chlorpyrifos at Sump 111 (1991-2019)

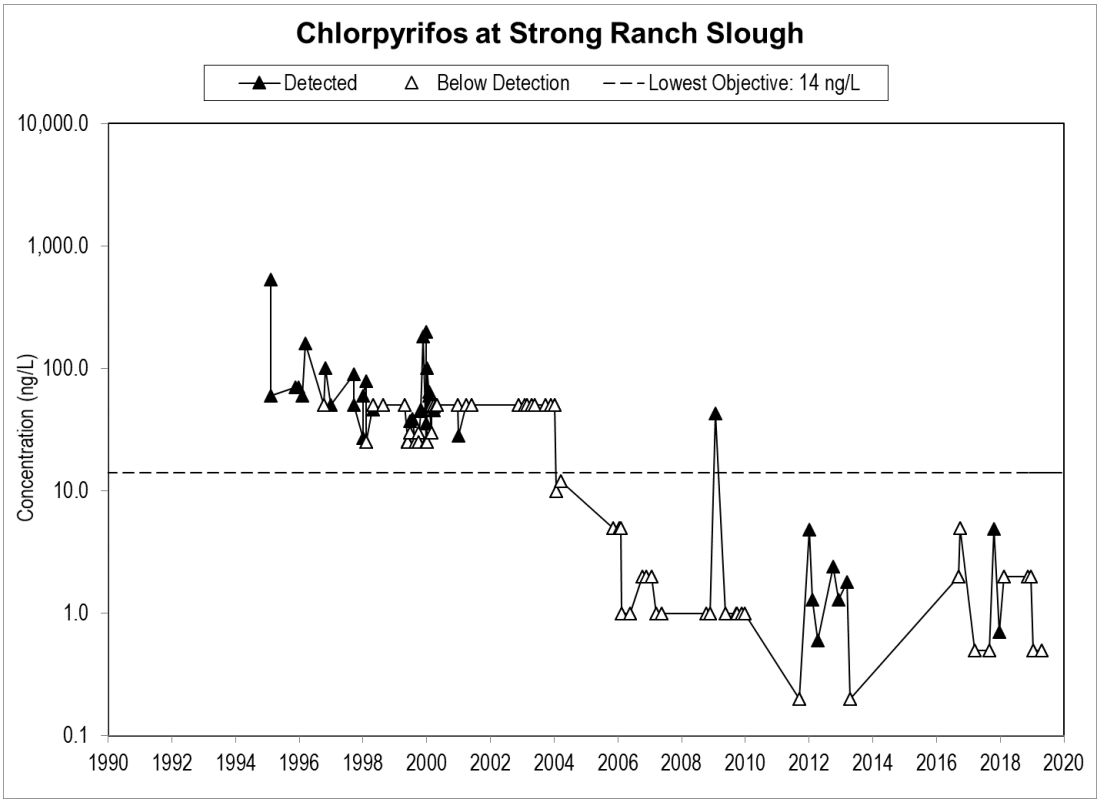

Figure 26. Chlorpyrifos at Strong Ranch Slough (1995-2019)

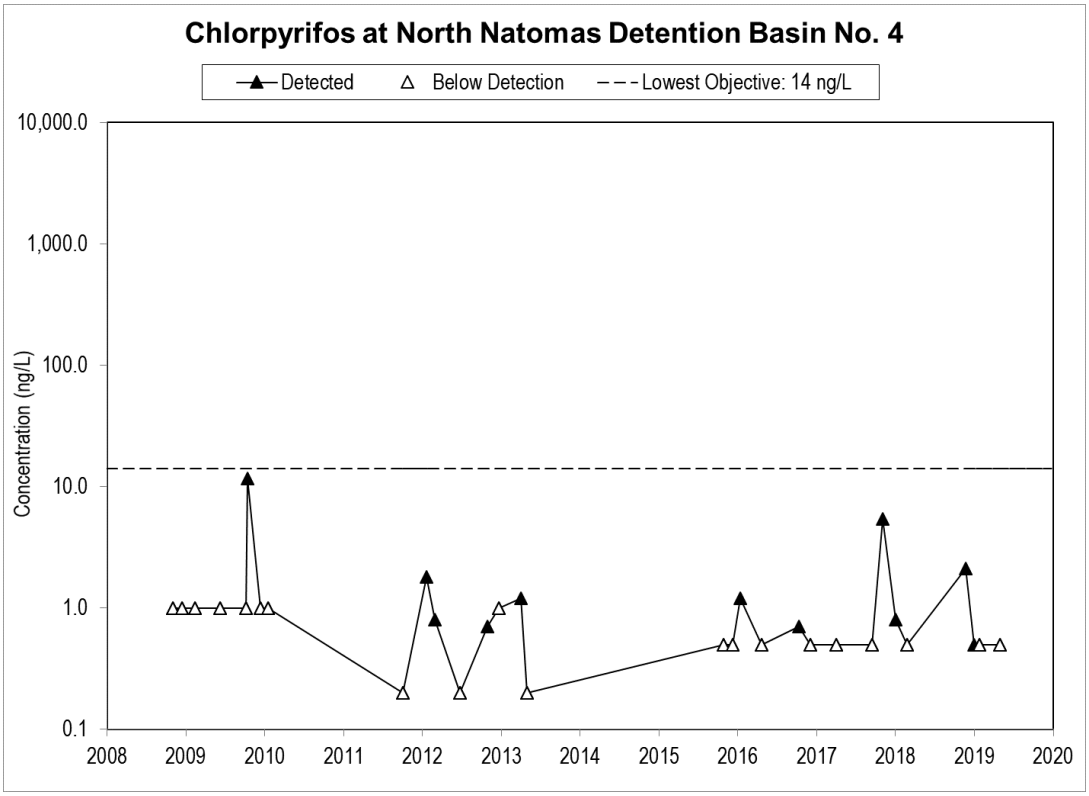

Figure 27. Chlorpyrifos at North Natomas Detention Basin No. 4 (2008-2019)

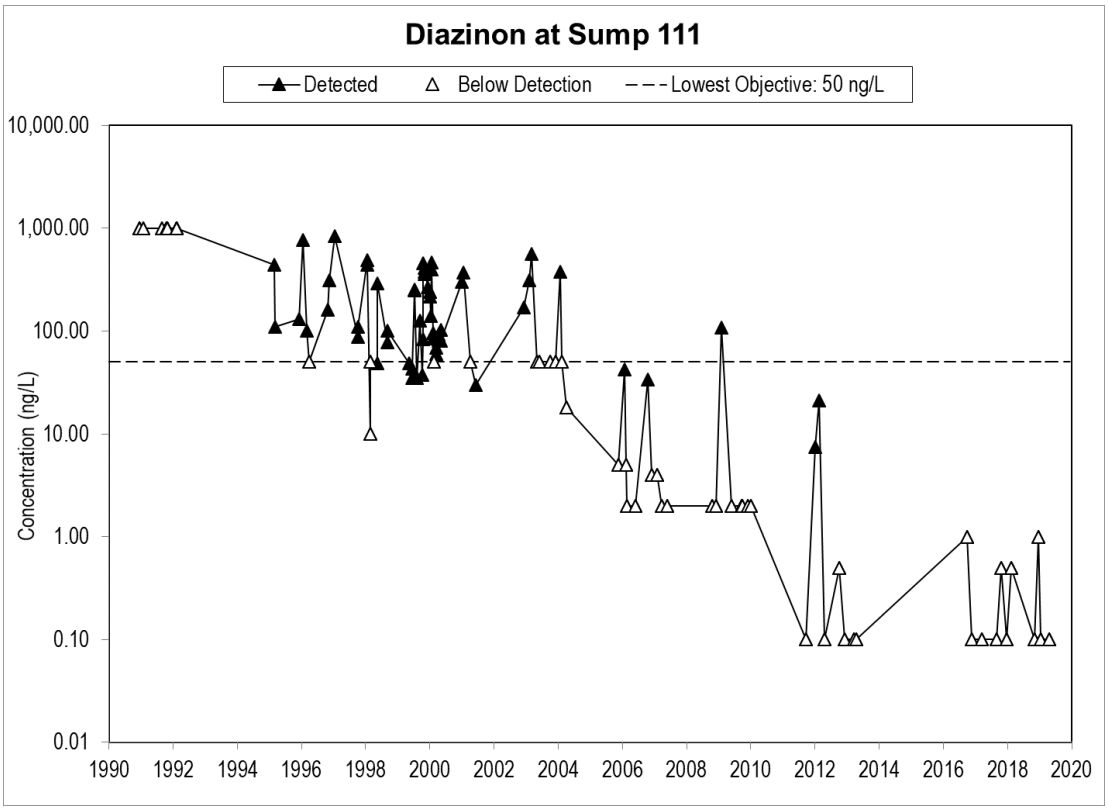

Figure 28 Diazinon at Sump 111 (1990-2019)

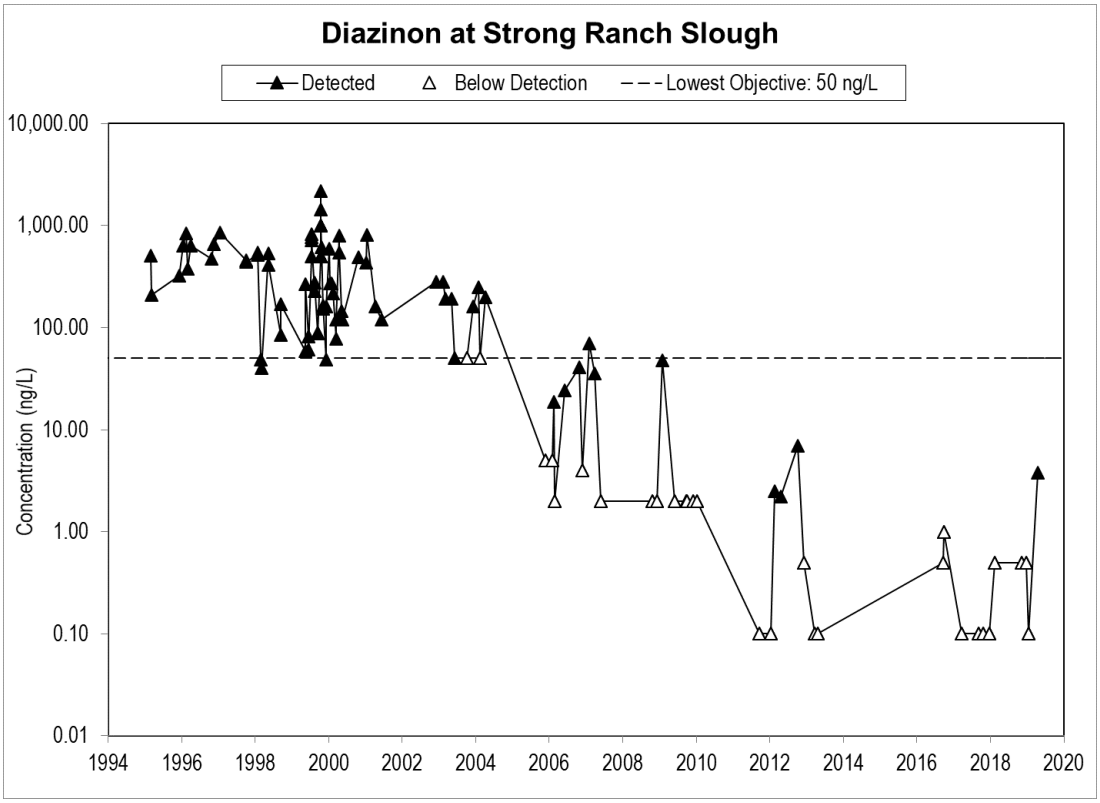

Figure 29. Diazinon at Strong Ranch Slough (1995-2019)

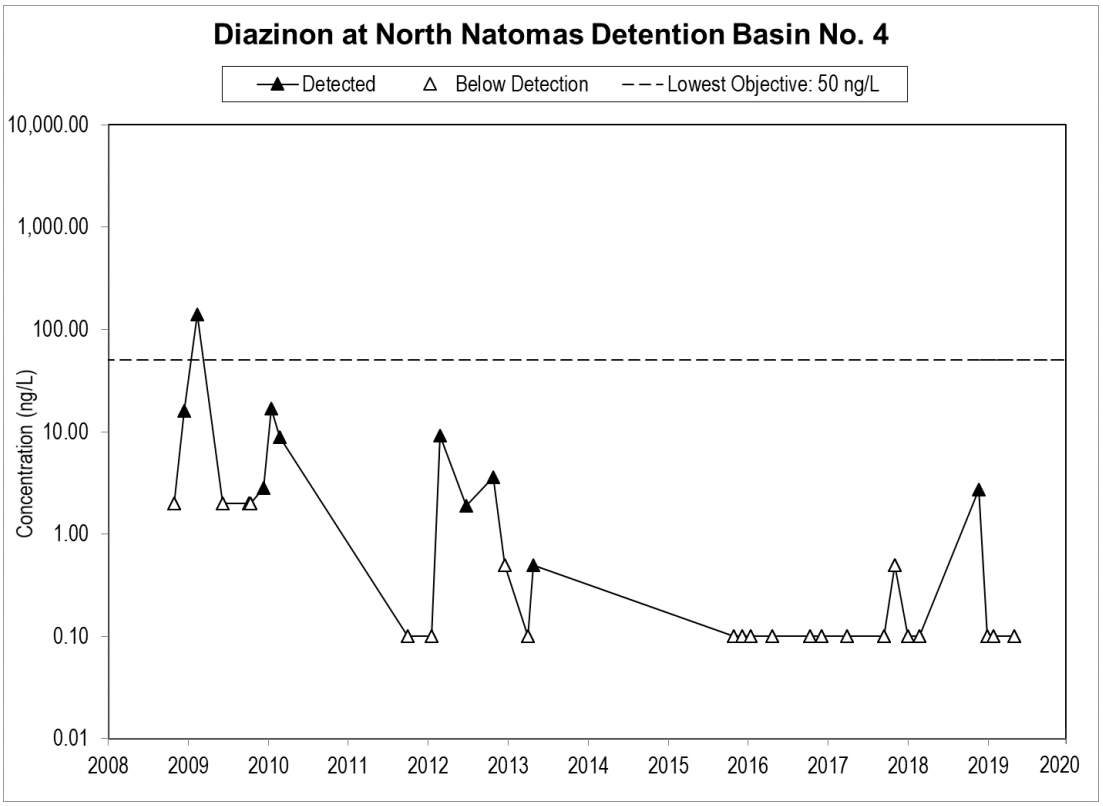

Figure 30. Diazinon at North Natomas Detention Basin No. 4 (2008-2019)

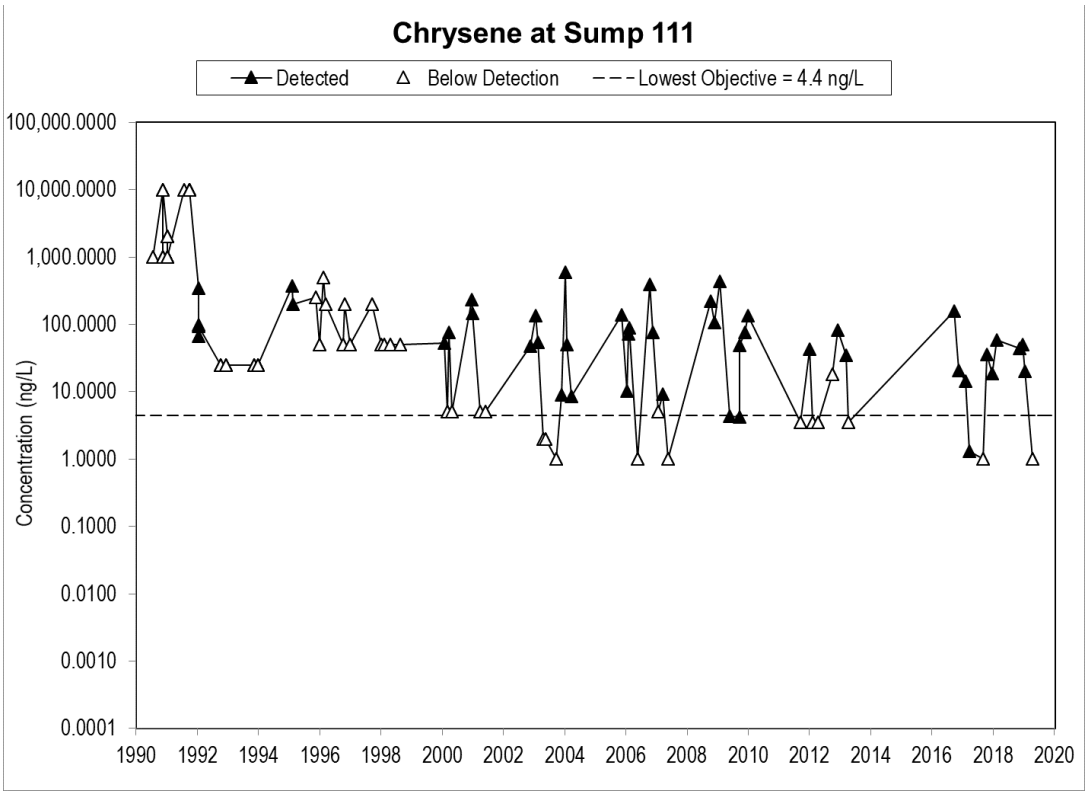

Figure 31. Chrysene at Sump 111 (1990-2019)

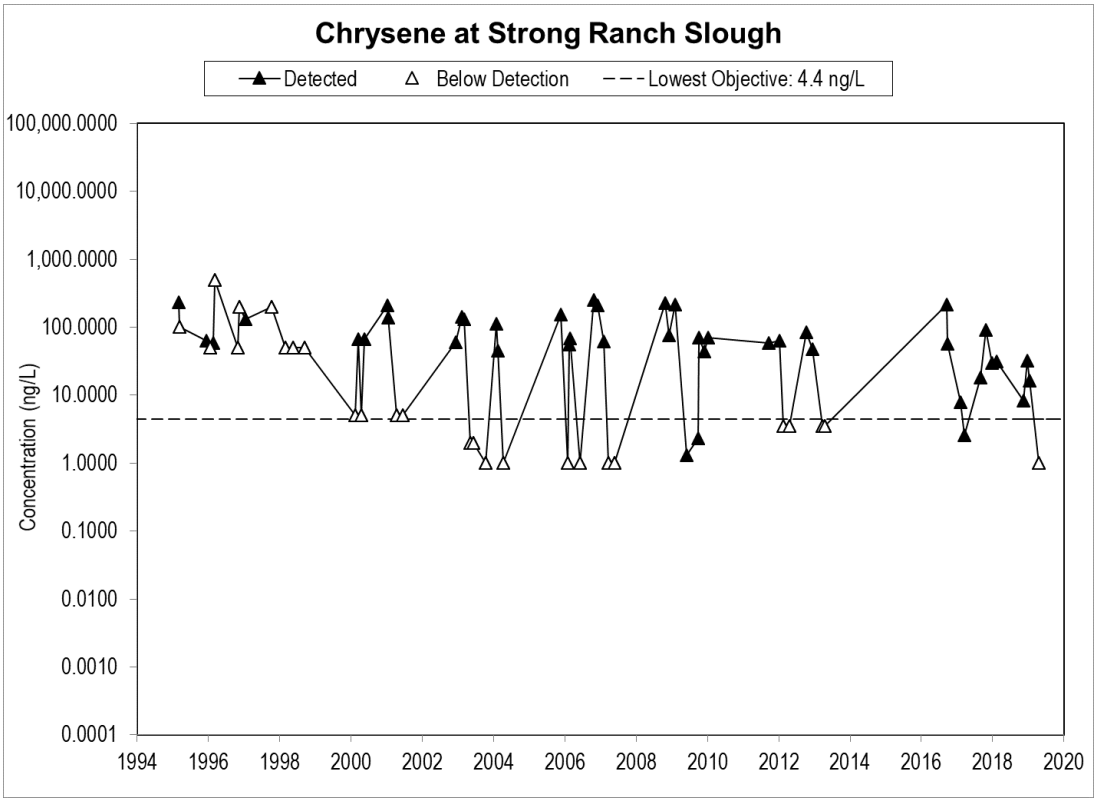

Figure 32. Chrysene at Strong Ranch Slough (1995-2019)

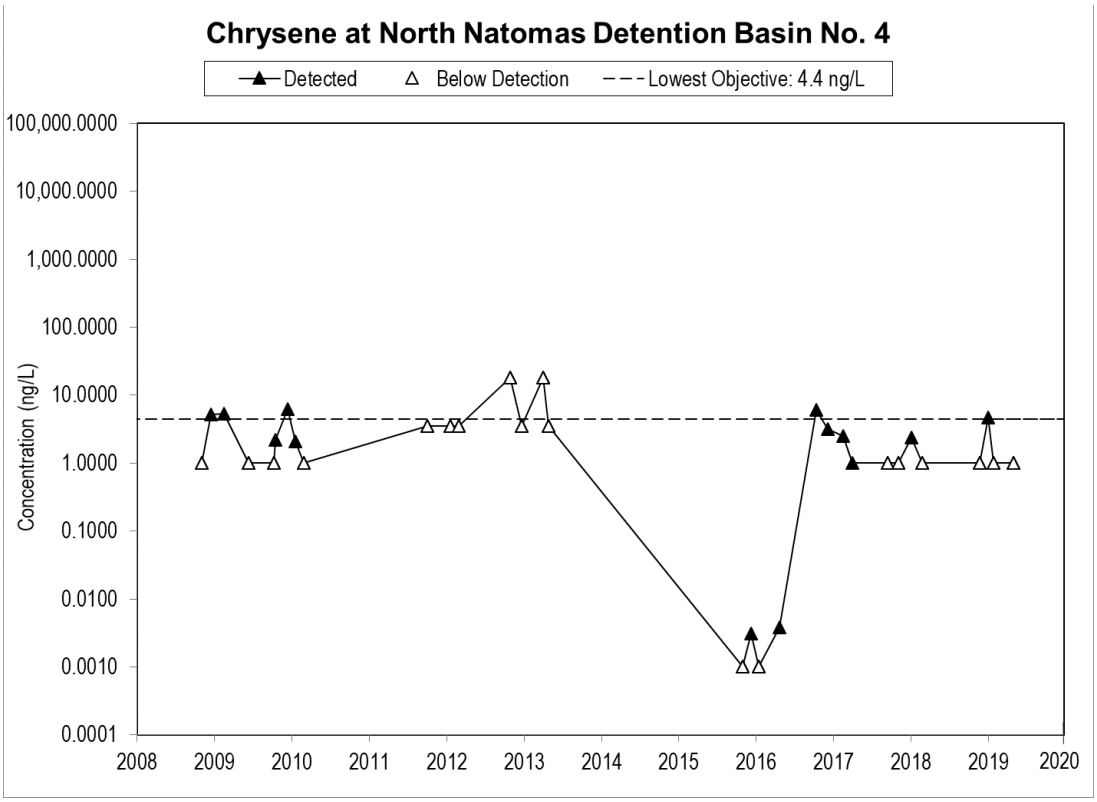

Figure 33. Chrysene at North Natomas Detention Basin No. 4 (2008-2019)

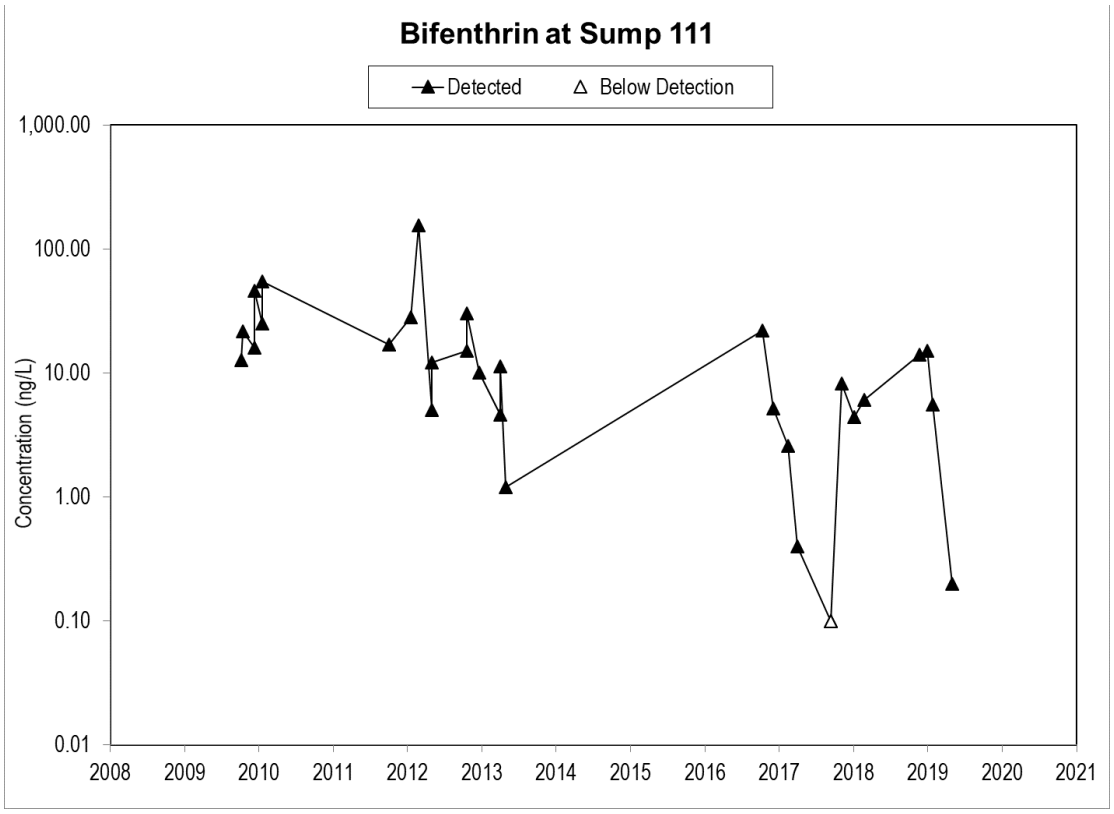

Figure 34. Bifenthrin at Sump 111 (2009-2019)

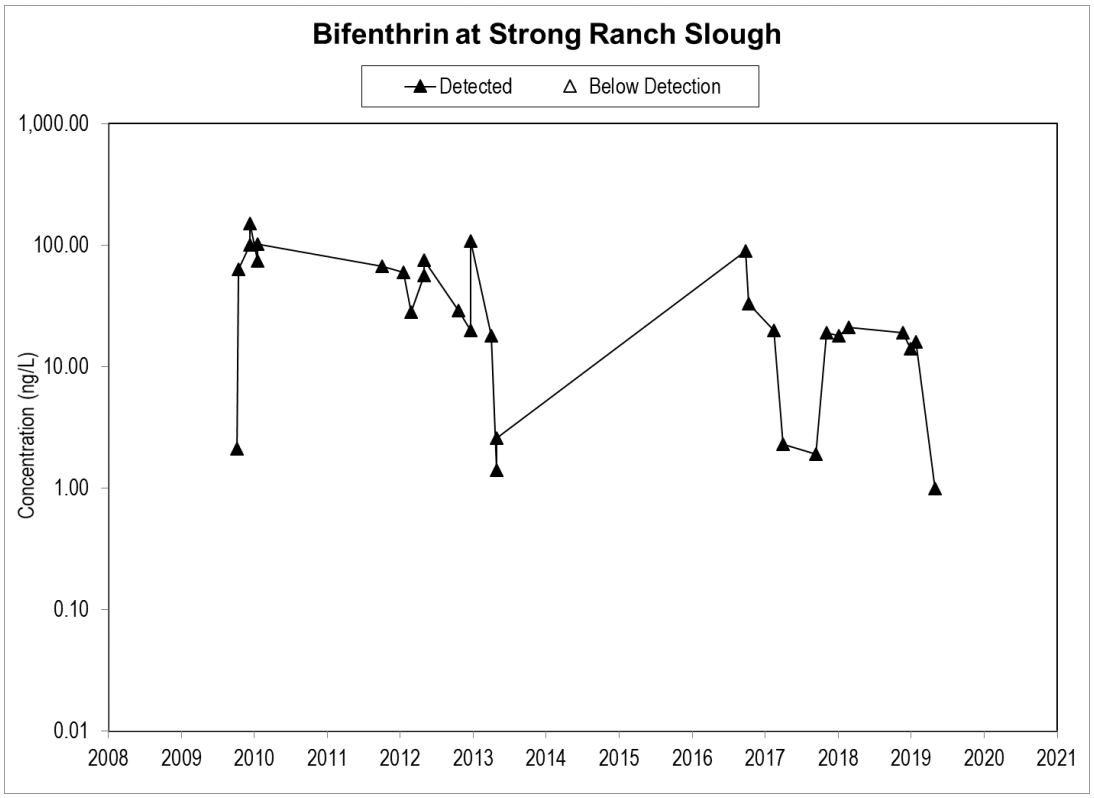

Figure 35. Bifenthrin at Strong Ranch Slough (2009-2019)

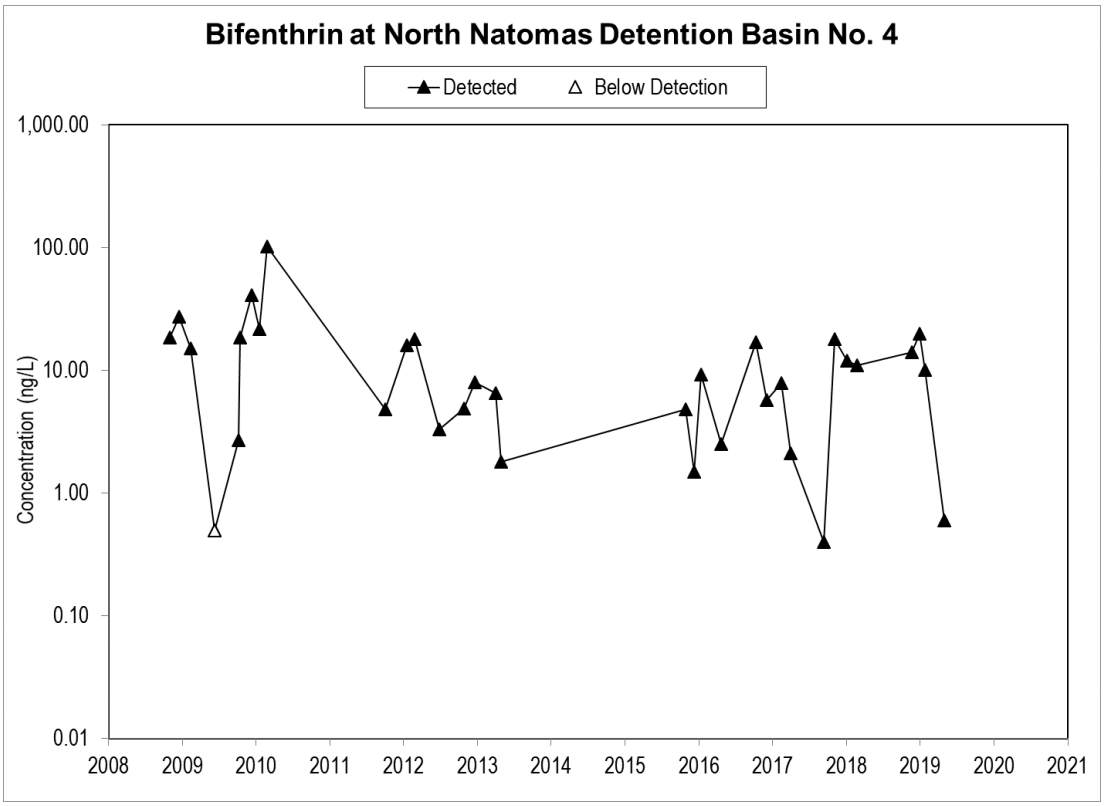

Figure 36. Bifenthrin at North Natomas Detention Basin No. 4 (2008-2019)

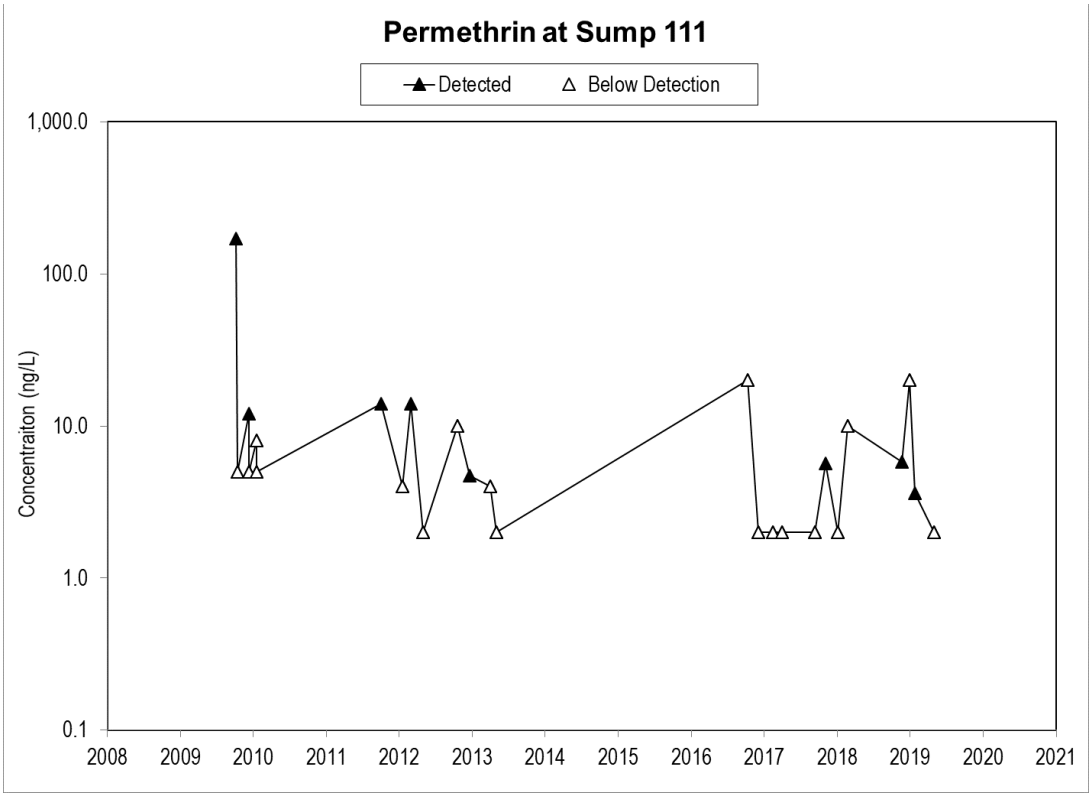

Figure 37. Permethrin at Sump 111 (2009-2019)

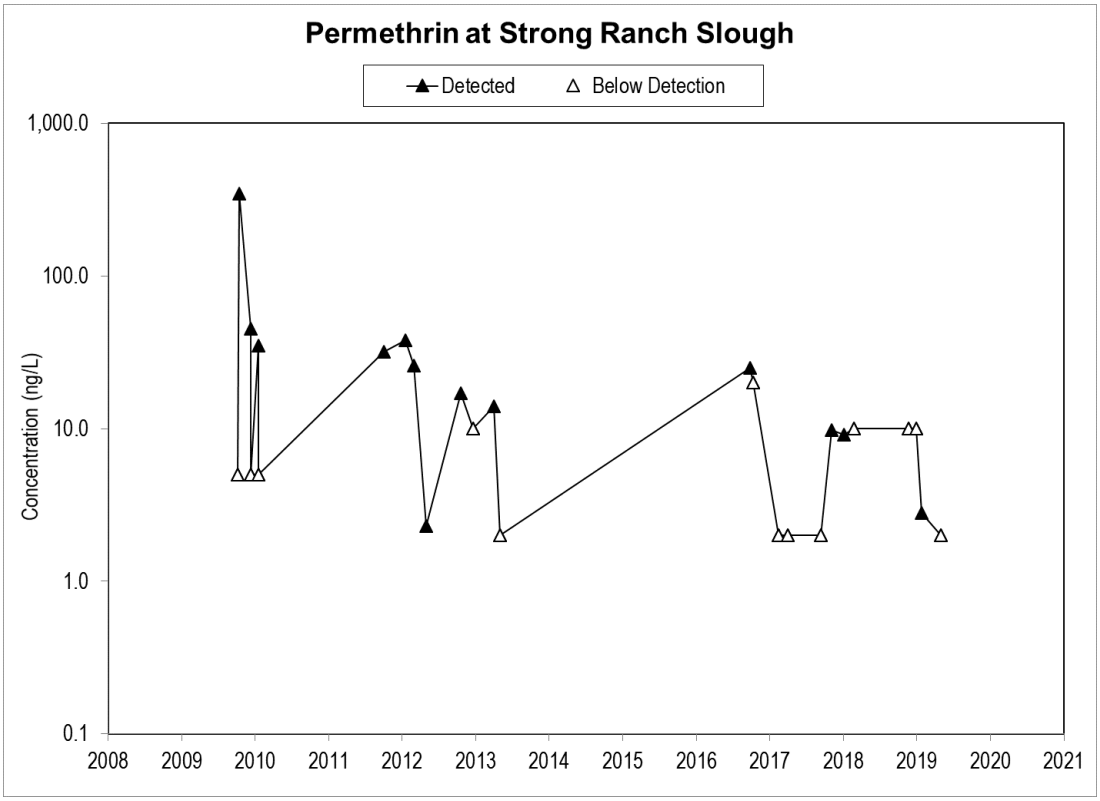

Figure 38. Permethrin at Strong Ranch Slough (2009-2019)

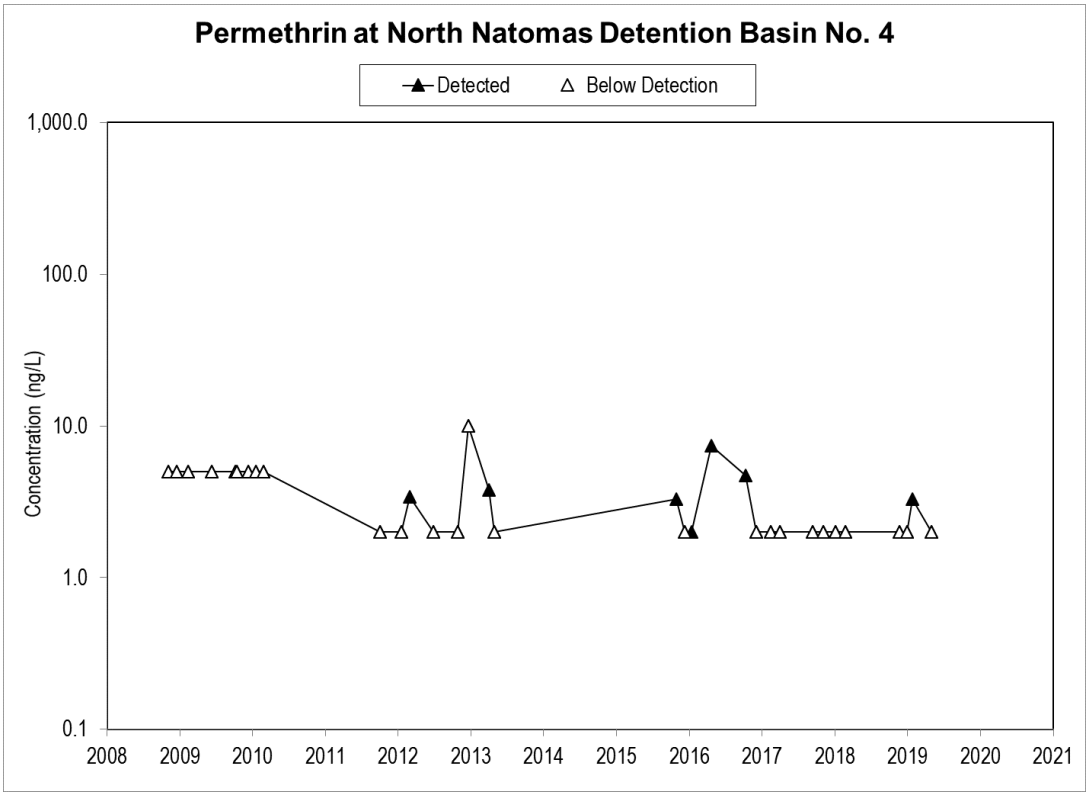

Figure 39. Permethrin at North Natomas Detention Basin No. 4 (2008-2019)

Discussion of Results and Recommendations

Annually, the Partnership's consultant team evaluates data and activities and identifies proactive and remedial changes to subsequent sampling and analysis plans. Detailed data analyses (e.g., trends, loads, etc.) are reported in separate documents that are included in the mid-term and end-term reports, as appropriate and required by the MS4 General Permit requirements.

Recommendations for modifications to the urban runoff discharge monitoring are based on the performance of current methods and goals for the overall program. It is expected that larger changes to the overall monitoring program will be addressed in Monitoring Design Study submitted as part of the Stormwater Quality Improvement Plan (SQIP) for approval by the Regional Water Board. The following issues should be addressed prior to the next monitoring season.

CONTINUOUS DATA COLLECTION WITH DATA SONDES

Data sondes were deployed at all three monitoring stations to better mobilize field crews for grab sample timing, to collect long-term data for averaging stage, temperature, and turbidity and to better understand the "context" of the grab samples over the course of the monitoring period.

The high-resolution data robustly characterize general water quality, and it may be possible to develop some surrogate relationships between the data sonde measurements and the other sampled constituents. The data are also a useful logistical tool as they were effective in better timing field crew mobilization, by allowing the crews to mobilize and collect samples as the hydrograph is increasing. LWA recommends consideration of data sonde deployment in future monitoring years as funding is available and based on the development of the forthcoming SQIP.

CONTAMINATION

Ongoing measures to identify and remedy sources of contamination should continue to be implemented in future monitoring activities. Consideration of contamination may include evaluation of the gloves worn by field crews and equipment cleaning protocols. This may also be deferred to the monitoring planning performed as part of the forthcoming SQIP.

STRONG RANCH SLOUGH FLOW MEASUREMENT

Strong Ranch Slough is a long-term urban runoff characterization station for the unincorporated County areas with pre-1996 mixed-use development. Safety and theft issues have been a historical issue, which resulted in moving the station equipment within the Sacramento Regional County Sanitation District's property (sample collection location did not change). Flow measurement in this channel is complicated by intermittent backflow conditions that could be mitigated with additional flow measurement devices and a more detailed flow measurement evaluation. These flow measurement and station location issues should be considered in the forthcoming SQIP Monitoring Study Design. The current flow measurement approach is sufficient in the interim period. However, it is recommended that more specific protocols be developed to document a consistent approach to flow measurement and sample collection.

References

California Department of Water Resources. California Data Exchange Center Historical Data Selector – Data obtained for the CSU Station (California State University at Sacramento). https://cdec.water.ca.gov/

Central Valley Regional Water Quality Control Board. Order No. R5-2015-0023. National Pollutant Discharge Elimination System (NPDES) No. CAS082597. *Waste Discharge Requirements for the Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, Sacramento, and County of Sacramento. Storm Water Discharges from Municipal Separate Storm Sewer System*. Adopted on April 17, 2015.

Central Valley Regional Water Quality Control Board. Order No. R5-2016-0040. NPDES No. CAS0085324. *NPDES and Waste Discharge Requirements General Permit for Discharges from Municipal Separate Storm Sewer Systems* (MS4 General Permit). Adopted on June 23, 2016. Became effective on October 1, 2016. Expires on September 30, 2021.

Larry Walker Associates. *2018/2019 Sacramento Stormwater NPDES Monitoring Urban Discharge Sampling and Analysis Plan*. October 2018.

Larry Walker Associates. *Sacramento Stormwater Quality Partnership Quality Assurance Project Plan (QAPP)*. September 2018.

Geosyntec. *Wet Detention Basin Effectiveness Study*. Prepared for the Sacramento Stormwater Quality Partnership. August 31, 2010.

Appendix A

OCTOBER 2018 DRAFT

Sacramento Stormwater Quality Partnership

2018/2019 Sacramento Stormwater NPDES Monitoring Urban Runoff Discharge Sampling and Analysis Plan

County of Sacramento

City of Sacramento

City of Citrus Heights

City of Elk Grove

City of Folsom

City of Galt

City of Rancho Cordova

LARRY WALKER ASSOCIATES

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Overview

The Sacramento Stormwater 2018/2019 National Pollutant Discharge Elimination System (NPDES) monitoring program is comprised of several components as required by the Municipal Separate Storm Sewer System (MS4) General Permit (MS4 General Permit, Order No. R5-2016-0040, NPDES No. CAS0085324)[1] which regulates stormwater discharge for municipal and county agencies within the Central Valley, including the County of Sacramento and the cities of Folsom, Galt, Elk Grove, Rancho Cordova, Citrus Heights, and Sacramento (collectively known as the Sacramento Stormwater Quality Partnership). The MS4 General Permit refers to the previous permit's monitoring plan. The Central Valley Regional Water Board approved the 2016-2019 Annual Work Plans, which specify urban runoff discharge monitoring during fiscal year 2018-2019. The monitoring described in this sampling and analysis plan (SAP) will be performed for compliance with the approved proposed 3-year Annual Work Plan.

During the 2018/2019 monitoring season, a Partnership consultant team led by Larry Walker Associates (LWA), Thunder Mountain Enterprises, Inc. (TME), and Pacific EcoRisk (PER) will collect urban discharge monitoring samples at the following three sites: Strong Ranch Slough in Sacramento County as well as the North Natomas Detention Basin No. 4 and Sump 111, both located in the City of Sacramento.
Urban discharge monitoring will occur between October 1, 2018 and June 1, 2019 during three wet weather events and one dry weather event. Monitoring during all four events will include the collection of samples for the complete list of constituents as specified in "Table B" of the NPDES Monitoring and Reporting Program (MRP).

HEALTH AND SAFETY

All LWA employees should review and adhere to the Health and Safety Plan guidelines. Other Sacramento Stormwater Quality Partnership (Partnership) field team consultants should review their own health and safety plans. Field staff should notify the project manager and the consultant health and safety officer of any perceived dangers. Sampling and site visits are not permitted when unsafe conditions occur.

For non-medical incidents, call the police at 916.264.5471 or 916.264.5151 (Emergency number). The following section contains site specific Health and Safety Plan information that should be followed at all times.

SAMPLING SITES

Sampling will be conducted at three urban discharge sites for the 2018/2019 monitoring year. The addresses and coordinates for these sites are shown in **Table 1**, and an overview area map is provided as **Figure 1**. Descriptions of each sampling site are detailed below.

[1] The MS4 General Permit was adopted on June 23, 2016, became effective on October 1, 2016, and will expire on September 30, 2021. The Cities' and County's MS4s are assigned the following General Order Nos.: City of Citrus Heights MS4 (R5-2016-0040-004), City of Elk Grove MS4 (R5-2016-0040-005), City of Folsom MS4 (R5-2016-0040-006), City of Galt MS4 (R5-2016-0040-007), City of Rancho Cordova MS4 (R5-2016-0040-008), City of Sacramento MS4 (R5-2016-0040-009), and County of Sacramento MS4 (R5-2016-0040-010).

Table 1. Monitoring Site Locations

Site	Address	Latitude	Longitude
Strong Ranch Slough (UR2S)	967 Venture Court, Sacramento, CA 95821	38.584985	-121.417627
Sump 111 (UR3)	798 North 5th Street, Sacramento, CA 95835	38.601237	-121.492729
North Natomas Detention Basin No. 4 (UR5)	5151 Crest Dr. Sacramento, CA 95835	38.667779	-121.506603

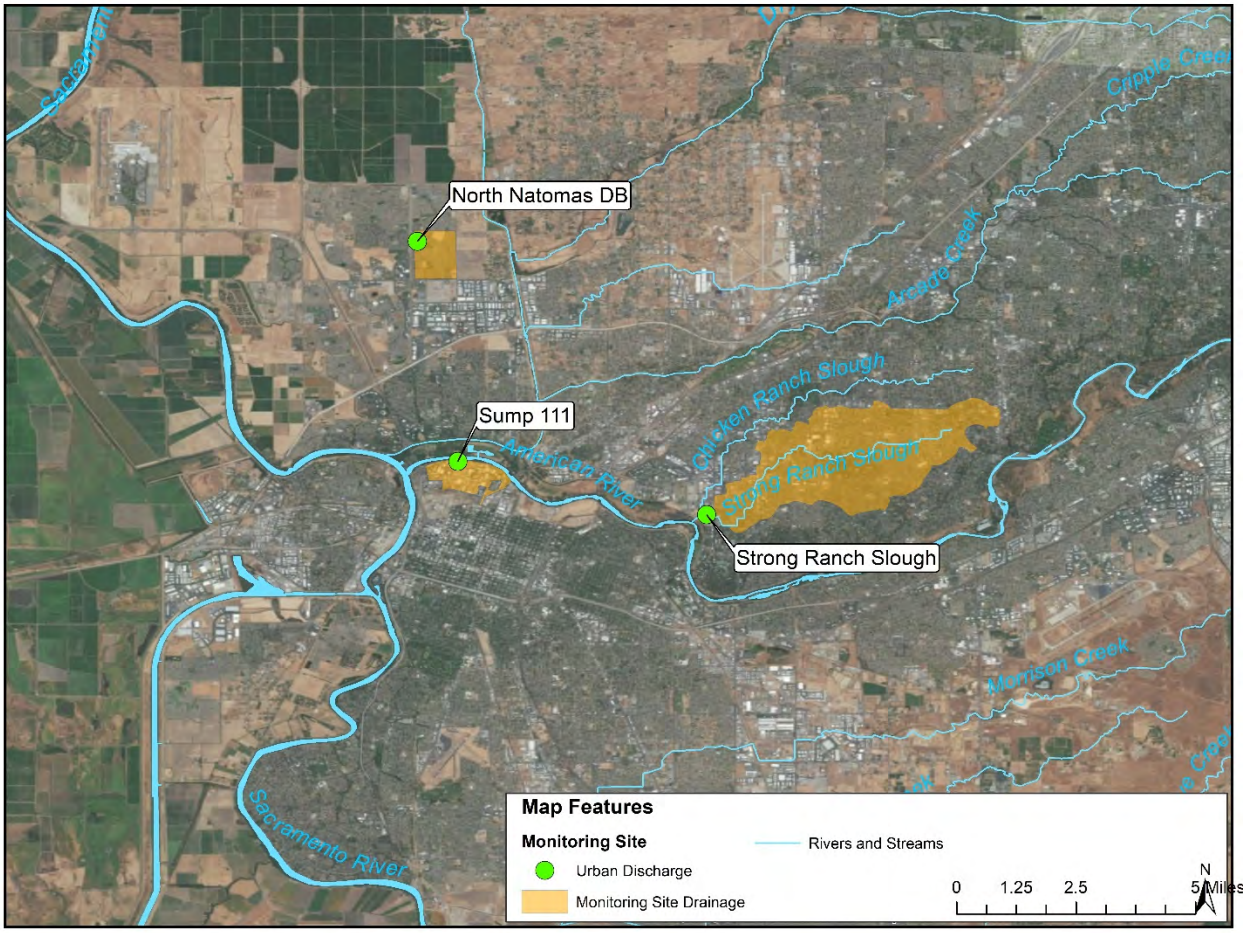

Figure 1. Area Overview and Site Locations

Strong Ranch Slough (Monitoring Site ID: UR2S)

Strong Ranch Slough drains a 4,446 acre mixed-use area of the County of Sacramento. At the sampling point, a trapezoidal channel conveys runoff from Strong Ranch Slough into a holding pond (D5 Basin) before being conveyed to the American River via pump or gravity flow.

Figure 2. Strong Ranch Slough Area Map

Safety

Previously, issues with the transient population and vandalism have occurred at Strong Ranch Slough. If at any point you feel your safety is at risk, leave the area and call the police at 916.874.5115 (Sacramento County Sheriff) or 916.874.5111 (Emergency number). Please be advised of the following:

- Field visits will only occur during the daylight hours.
- Check the immediate area when you arrive at the gate and be aware of your surroundings during sampling.
- Do not enter the channel during storm events.

Access and Notification Requirements

The gate for the Strong Ranch Slough site requires a key. Opening the sampling equipment enclosure also requires the same key. No advance notification is required to access this site.

Sump 111 (Monitoring Site ID: UR3)

Sump 111 is a collection point for stormwater drained from an industrialized 439 acre area of the City of Sacramento. Three storm pumps and one summer pump convey water to the American River.

Figure 3. Sump 111 Area Map

Directions

1. Access to the site is from Richards Boulevard, which can be accessed from I-5 or Highway 160.
2. From either direction, turn north onto North 5th Street.
3. The pump station should be straight ahead, as seen in **Figure 3**.

Safety

For non-medical incidents, call the police at 916.264.5471 (Sacramento Police) or 916.264.5151 (Emergency number). Please be advised of the following:

- Don't fall into the sumps.
- Do not attempt to enter the sumps during a storm for any reason.

- If there is a power failure, stay out of the Motor Control Center (MCC) until after the pumps are restarted. There is a remote possibility of an electrical box explosion when the pumps are started automatically after power is restored.
- You will rarely (if ever) need to enter the MCC in the course of stormwater monitoring. However, if you do need to enter the MCC, there is a light switch located around the corner and to the left as you enter.

In general, be aware of your surroundings, stay together, and keep an eye out for each other.

Access and Notification Requirements

The gate and sampling equipment enclosure for Sump 111 are locked with padlocks. The MCC is locked with a combination lock (combination=0600). Remember to lock the gates behind you when you leave.

Control 12 (916.808.5226) should be notified prior to entering the secured pump station area.

Entering the MCC building will trigger an alarm that notifies police. The need to enter MCC buildings is not anticipated during this stormwater monitoring season. However, in the event that MCC building entry is required, the following notification procedures will be followed:

- During dry weather, Sump 2 shall be notified (916.808.5461) prior to entering and after exiting the MCC building.
- During a storm, Sump 2 shall be notified (916.808.5461) and then Control 12 shall be notified (916.808.5226) prior to entering and after exiting the MCC building.

North Natomas Detention Basin No. 4 (Monitoring Site ID: UR5)

North Natomas Detention Basin No. 4 is a collection point for stormwater drained from a 470 acre area of residential development in North-West Sacramento, before it is pumped into the East Drainage Canal, which is a tributary to the Main Drainage Canal that eventually drains into the Sacramento River.

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Figure 4. North Natomas Detention Basin No. 4 Area Map

Directions

Access to the site is from Crest Drive.

1. From I-5, take the Del Paso Road exit and head east.
2. Continue on Del Paso Road until you come to Gateway Park Boulevard and take a left.
3. Take another left on North Bend Drive and then a quick right on Crest Drive.
4. Continue for about a half mile until you see the detention basin on your left (**Figure 4**).
5. Turn left to the access gate and use the City key.
6. At the far end of the access road is the pump station for the detention basin.

Access and Notification Requirements

Control 12 (916.808.5226) should be notified prior to entering the secured pump station area. Access to the fenced City outlet pump area is secured with a combination lock (combination=1514) in addition to other padlocks which require a City master key.

SAMPLE COLLECTION SCHEME

The Partnership consultant field crew team will collect samples during three wet weather storm events and one dry weather event. Events will be numbered chronologically starting with Event 1 and are also assigned an overall program number based on the historical event numbers for the Urban Discharge monitoring program.

During each event and at an individual site, the Partnership field crew consultant team will collect grab samples. Composite samples will be collected by utilizing automatic samplers. The sample collection program for the 2018/2019 monitoring year is outlined in **Table 2**. The water column constituent requirements for the MRP and additional monitoring are shown in **Table 3** (composite samples) and **Table 4** (grab samples). The water column field parameters requirements are shown in **Table 5**.

Composite Sample Collection

To obtain the desired volume, each automatic sampler will be programmed so that the sampler will collect at least 12.0 liters, if the predicted precipitation is delivered by the targeted storm. The standard carboy volume used in the refrigerated samplers is 20 liters. In cases where additional volume is needed for quality assurance/quality control (QA/QC) samples or if runoff predictions underestimate observed conditions, the composite volume will be increased accordingly and bottle changes may be necessary.

Automatic sampling at each of the sites will begin after clean composite bottles are installed by field crews, the sampler has been reset, and pre-specified storm (rainfall and flow) criteria have been met.

Sampling can be terminated when either: (a) 24 hours have passed, or (b) the monitoring manager determines that the storm is finished. At Strong Ranch Slough, sampling can also be terminated automatically if the depth in the channel drops below a pre-specified level.

The Partnership consultant field crew team will collect composite samples according to the methods, bottle types, and sample preservation requirements listed in **Table 3**. The Partnership consultant field crew team will split the composite samples directly into prepared sample bottles (i.e., labeled and containing preservation, if necessary).

Grab Sample Collection

One set of grab samples will be taken at each site during each event. It is desired that these grab samples be collected during peak flow. However, due to the difficulty in predicting the time of peak flow, collecting grab samples during peak flow may be problematic. Therefore, to the greatest extent possible, grab samples will be collected during the first portion of the storm event, at a time when flow rates are increasing and precipitation rates are decreasing.

Single grab samples will be collected according to the methods, bottle types, and sample preservation requirements listed in **Table 4**. Field readings will also be collected at this time, according to **Table 5**.

Table 2. Monitoring and Reporting Program (MRP) Sampling Requirements

Constituent List	Event[1]			
	WW63	WW64	WW65	DW29
Field Measurements (see Table 5)	X	X	X	X
MRP Table B Constituents (see Table 3 and Table 4)	X	X	X	X

[1] WW = wet weather, DW = dry weather.

Table 3. Volumes, Analytical Methods, Type, and Preservation by Sample Bottle for MRP Table B (Composite Samples)

Bottle ID	Bottle Type[1]	Primary Lab	Analysis	Optimum Volume	Method	Preservation
C1	2 X 1 L AG	Caltest	Pyrethroid Pesticides + Chlorpyrifos, Diazinon, and Fipronil	1.00 L	NCI-GCMS-SIM	0-6˚C
C2	2 X 500 mL PE	Caltest	Nitrate + Nitrite	0.15 L	EPA 353.2	0-6˚C, H2SO4 to pH <2
			Total Kjeldahl Nitrogen (TKN)	0.15 L	EPA 351.3	
			Phosphorus, total	0.15 L	EPA 365.2	
			Chemical Oxygen Demand (COD)	0.15 L	Hach 8000	
C3	2 x 1 L PE	Caltest	5-day Biochemical Oxygen Demand (BOD_5)	0.25 L	EPA 405.1	0-6˚C
			Alkalinity	0.25 L	SM 2320 B	
			Total Dissolved Solids (TDS)/Total Suspended Solids (TSS)	0.25 L	EPA 160.1/160.2	
			Turbidity	0.10 L	EPA 180.1	
			Electric Conductivity (EC)	0.10 L	EPA 120.1	
C4	500 mL PE	Caltest	Low Level Metals, total (Cu, Pb, Fe & Zn)	0.25 L	EPA 1638/200.8 ICP/MS	0-6˚C, HNO3
			Total Hardness		EPA130.2/SM2340	
C5	250 mL PE	Caltest	Suspended Sediment Concentration (SSC)	0.25 L	ASTM D 3977-97	0-6˚C
C6	500 mL PE	Caltest	Low Level Metals, dissolved (Cu, Pb, Fe & Zn)	0.25 L	EPA 1638/200.8 ICP/MS	0-6˚C, filter[2], preserve ASAP
C7	2 X 1L AG	PHYSIS	Organophosphate (OP)-Pesticides	2.00 L	EPA 625	0-6˚C
			Polynuclear Aromatic Hydrocarbons (PAHs)			

[1] PE = Polyethylene; AG = Amber Glass; CG = Clear Glass.
[2] Sample will be filtered by the field crew within 15 minutes of collection of composite.

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Table 4. Volumes, Analytical Methods, Type, and Preservation by Sample Bottle for MRP Table B (Grab Samples)

Bottle ID	Bottle Type[1]	Primary Lab	Analysis	Optimum Volume	Method	Preservation
G1	500 mL AG	Caltest	Methylmercury	0.30 L	CVAFS	0-6˚C, HCl
G2	500 mL CG	Caltest	Mercury, total	0.30 L	CVAFS	0-6˚C, HCl
G3	3 x 40 mL VOA CG	Caltest	Total Petroleum Hydrocarbons (Gasoline)	0.12 L	EPA 8015M	0-6°C, HCl
C	2 x 1 L AG	Caltest	Total Petroleum Hydrocarbons (Diesel & Motor Oil)	2.00 L	EPA 8015M	0-6°C
F	3 x 40 mL VOA AG	Caltest	Total Organic Carbon (TOC)	0.12 L	EPA 415.1	0-6˚C, HCl to pH <2
G	125 mL AG	Caltest	Dissolved Organic Carbon (DOC)	0.12 L	EPA 415.1	0-6˚C, filter & preserve ASAP
E	100 mL Sterile Plastic	SRCSD	Fecal coliform and *Escherichia coli* (*E.Coli*)	0.375 L	SM 9221 B&E	0-6˚C, $Na_2S_2O_3$

[1] PE = Polyethylene; AG = Amber Glass; CG = Clear Glass.
[2] Sample will be filtered by the field crew within 15 minutes of collection.

Table 5. MRP Required Field Measurements

Water Temperature
pH
Dissolved Oxygen (DO)
Electrical Conductivity (EC)
Air Temperature

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Pre-Season Maintenance and Preparation

Prior to the first targeted storm and immediately following each of the subsequent sampling events, the Partnership consultant field team will complete the following monitoring station maintenance and preparation activities.

UPDATE COMMUNICATION PLAN

The project manager should review and update the organizational and communication plan (**Figure 5**) annually and as necessary.

PRE-SEASON SITE ASSESSMENT AND EQUIPMENT INSTALLATION

Before the beginning of the monitoring season, site visits are necessary to prepare for monitoring. The specific purpose of these visits is to prepare the general area of the site to assure safe access, to install protocol-cleaned tubing, to check the function and performance of the samplers, and to take equipment blank samples at the specified site(s).

Site Assessment

Each monitoring site should be inspected for damage, and site access should be cleared by cutting back or removing weed growth around the site. Safety and security should be generally assessed by checking fences for holes and other damage. Locks should be checked for proper functioning. Any concerns should be promptly corrected or relayed to the appropriate agency maintenance department.

Tubing Replacement

At the beginning of each storm sampling season, the suction tubing and Teflon-coated strainer will be removed from automatic samplers, inspected for damage, cleaned, and reinstalled, during a second site visit, using clean techniques. Protocol-cleaned silicone pump tubing will also be installed during the second visit.

Continuous Flow Stage Meters and Multiparameter Sensors

Continuous flow stage meters and multiparameter sensors measuring temperature and turbidity, will be installed at all three sites. Calibrations will be performed to ensure readings are of sufficient accuracy. The data loggers will be programmed to collect measurements every 5 or 15 minutes during storm events and less frequently at other times to conserve battery life.

FIELD EQUIPMENT PREPARATION

Prior to the beginning of the monitoring season, the field crew should take inventory of field equipment (see **Table 6** and **Table 7** for storm kit and storm mobilization equipment checklists, respectively) and replace items as necessary.

Field crews will also order bottles from the laboratories according to **Table 3** (composite samples) and **Table 4** (grab samples).

Table 6. Storm Kit Equipment List

Headlamps/flashlights (2)
Spare batteries (6)
Spare bottle labels
Pencils (2) and waterproof pens/markers (2)
Diagonal clippers
Electrical tape
Cable ties (assorted sizes)
Utility knife
Zip-lock baggies (assorted sizes)
Powder-free nitrile gloves
Rubber bands, heavy duty
Digital Camera
Cellular phone charger (and/or spare batteries)
Duct tape
First Aid kit

Table 7. Storm Mobilization Equipment List

Storm Kit
Sampling and Analysis Plan
Log books/ Field logs
Clipboard
Deionized (D.I.) water squirt bottles
Chain-of-custody forms (specific to each laboratory)
Sample bottles (include spare bottles)
Intermediate containers
Bailers (at least two or three recommended)
Coolers and ice
Bubble wrap
Blank water (for field blanks)
Cellular phone
Personal rain gear and/or Waders
Any necessary safety gear
Heavy anchor or weight, rope and cable ties
Grab pole with bottle holder attachment
Outdoor thermometer (for atmospheric temperature)
Portable field meters for water temperature, pH, DO and EC
Calibration standards (for re-calibration on site, if needed)
Portable peristaltic pump & batteries
Pump (flexible) tubing (40 in.)
Suction (Teflon) tubing (3 lengths; one for each site)
Teflon coated strainer (3)
Vacuum Filters (4)
Personal flotation devices (life jackets)
Umbrella
Paper towels
Trash bags

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Storm Tracking, Communication, and Mobilization

DECISION TO SAMPLE AND COMMUNICATION

The decision to sample a storm event will be made by the Partnership in consultation with the LWA monitoring manager and the TME monitoring manager. The Monitoring Program will target the first storm event of the season with a forecasted amount greater than 0.25" of precipitation and two additional storm events during the remaining portion of the storm season.

The communication plan (**Figure 5**) is a schematic of the decision-making process. If a key contact is not available, the decision-making will be performed by the next available staff member on the communication plan contact list or according to a pre-approved event-specific plan. It is the responsibility of each individual included in the communication plan to contact the other individuals they are associated with in the plan, and to report to the monitoring manager if they are unable to establish contact. Monitoring management activities will be located in Sacramento or Yolo County. Contact information is shown in the communication plan.

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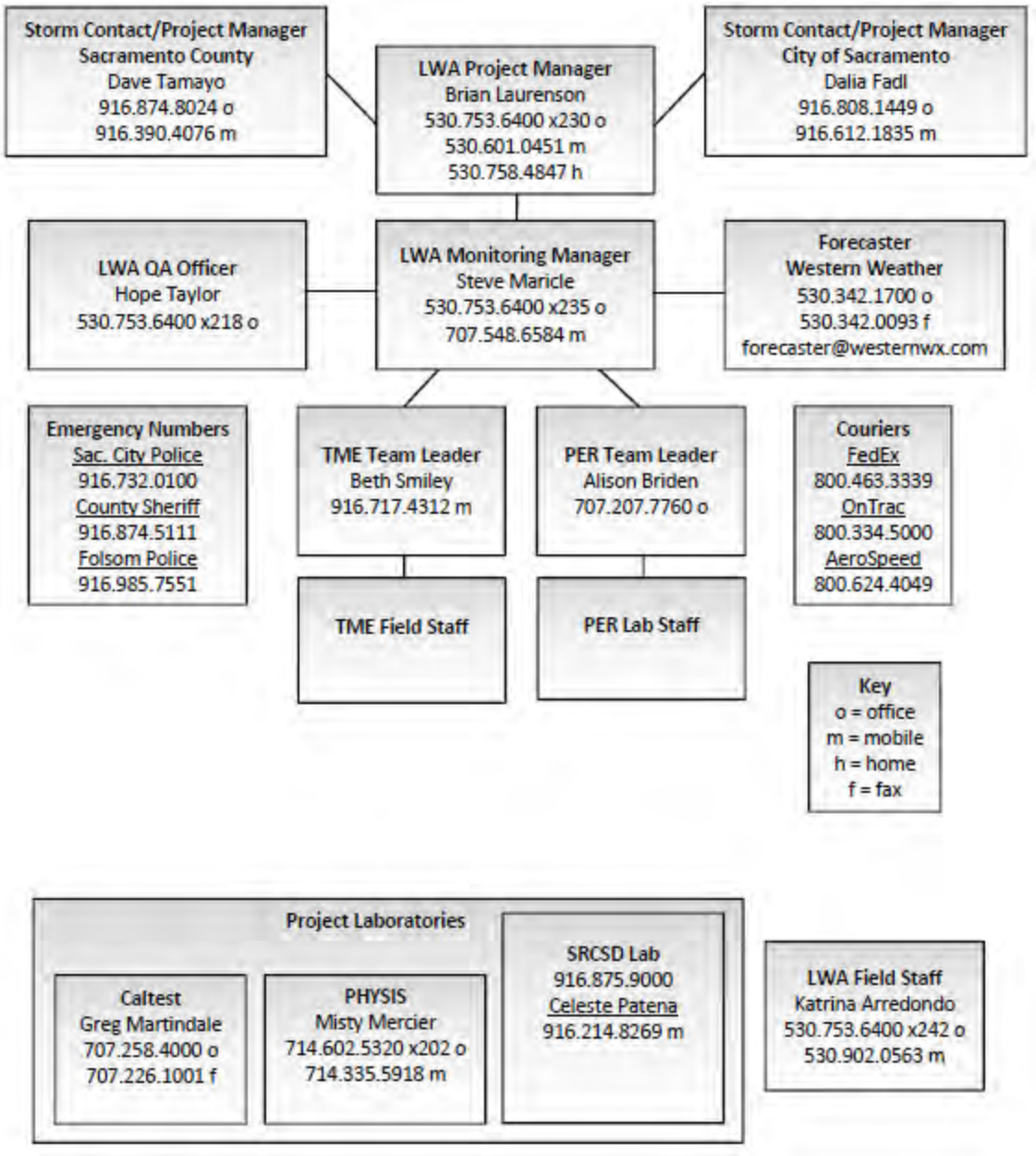

Figure 5. Organization and Communication Plan

STORM ACTION LEVELS

Five action levels are defined for purposes of preparation and mobilization: 1) Chill, 2) Standby, 3) Pre-Alert, 4) Alert, and 5) Go. Two action levels are defined for monitoring shutdown and activity reporting: 1) Cool Down and 2) Post-Alert Email. These action levels and the corresponding conditions and action items are described below and listed in **Table 8**.

Storm Tracking (CHILL and STANDBY)

"CHILL" will be used in email communication when either no storms are expected in the foreseeable future or if a storm does not meet the Partnership's trigger conditions.

"STANDBY" will be used when storms are forecasted in the near future, but at this time they might not be a targetable event. Field crews should continue to monitor the updates by the Monitoring Manager and be prepared if the forecast is upgraded.

Pre-Storm Preparations (PRE-ALERT)

During the "PRE-ALERT" action level, field crews should make sure all equipment, bottles, and vehicles are ready. Each Partnership consultant field team will provide their own vehicles as needed for field crew use during monitoring events.

Storm Sampling Preparation (ALERT)

When the action level changes to "ALERT," the field teams will check each monitoring site for hazardous conditions and issues that would prevent sampling. Crews will clear debris if necessary and alert the monitoring manager to any hazardous conditions that need to be dealt with. Field crews will then install clean or new bottles and replace any tubing that is showing signs of wear. All automatic samplers should be prepped and ready to be initiated.

Mobilization (GO)

The monitoring manager will mobilize the Partnership consultant field teams for coverage of the anticipated monitored storm event and confirm crew status with the TME project manager. Each sampling team will be equipped with one cellular phone or other means of remote communication.

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Table 8. Storm Action Levels

Action Level	*Condition*	*Action*
Chill	No targeted storm expected within the foreseeable future	*Monitoring Manager* • Monitor twice-weekly weather reports *Field crew*: • No impact on activities
Standby	Evaluating storm system	*Monitoring Manager*: • Monitor weather reports every 24 hours • Alert field crew regarding change in action level *Field crew*: • Notify *Monitoring Manager* where you will be and how you can be reached if you leave the area for more than one or two days • Arrange for substitute if needed
Pre-Alert	Target storm expected within the next 72 hours	*Monitoring Manager* • Contact County of Sacramento, City of Sacramento & LWA • Monitor weather reports every 6 hours • Alert field crew/laboratories regarding change in action level via communication plan and verify availability/readiness *Field crew*: • Remain in Sacramento area if possible • Verify availability with *Monitoring Manager* • Prepare for sampling effort
Alert	Target storm expected within the next 24 hours	*Monitoring Manager* • Confer with County of Sacramento, City of Sacramento & LWA • Monitor weather reports as needed • Alert field crew regarding change in action level and probable time of storm via communication plan • Alert laboratory regarding potential incoming samples with critical holding times *Field crew*: • Perform on-site station preparation
Go	Precipitation imminent or has begun during targeted storm.	*Monitoring Manager* • Monitor weather reports as needed • Mobilize field crew for sampling • Mobilize standby bacteria lab analyst *Field crew*: • Mobilize to sample collection stations for sampling, or sampling performance checks • Deliver bacteriological samples to laboratories
Cool Down	Precipitation ceased or sampling requirements completed	*Monitoring Manager* • Demobilize field crew *Field Crew*: • Compile bottles, and ship samples to laboratories • Notify laboratories that samples with critical holding times are ready for pick-up or delivery • Complete notes re: problems and solutions • Prepare for next storm (inventory/order/organize equipment) *Laboratories* • Analyze samples
Post-Alert E-mail	Following storms that reach "Alert" status when either monitoring is called off or field crew activities in the "Cool Down" action level are completed	*Monitoring Manager* • Prepare a brief e-mail to the City of Sacramento and the County of Sacramento stating whether or not the event was monitored

Field Monitoring

Field monitoring will consist of physical grab sample collection at both sites, as well as an automated micro-sampler that will collect pumped samples at various times in the hydrograph. This section contains collection methods for the grabs and the micro-sampler as well as general techniques that will be used by the Partnership for this program.

SAMPLING TECHNIQUES

This section contains protocol for specific sampling techniques that need to be adopted by the Partnership, regardless of the site or monitoring program. Along with the following techniques, stormwater samples should be collected while observing the following rules:

1. No smoking;
2. Never sample near a running vehicle, and do not park vehicles in immediate sample collection area (even non-running vehicles);
3. Avoid allowing rainwater to drip from rain gear into sample bottles;
4. Do not eat or drink during sample collection; and
5. Do not breath, sneeze or cough in the direction of an open sample bottle.

GRAB SAMPLE COLLECTION

A two to three person field crew will mobilize to each sampling site to collect grab samples near the peak flow for the storm event. Grab samples will be collected mid-channel with a grab pole and intermediate sample container. The intermediate container should match the material type of the respective sample container. Please be advised of the following:

- Non-preserved/preserved containers:
    - Any non-preserved container should be **rinsed three times** with sample water before collecting the sample.
    - Samples with preservative will be **filled directly** by the intermediate sample container so as not to lose any of the preservative.
- Gloves will be worn at all times and samples should be carefully collected to minimize potential for contamination.
- Total mercury and methylmercury samples will be collected according to the "clean sample handling" techniques outlined in the section blow.
- Dissolved metals will be field filtered within 15 minutes of sample collection, according to the protocol in the section below.

COMPOSITE SAMPLE COLLECTION

Composite samples will be collected using an automatic sampler as described in the Sample Collection Scheme section.

Clean Sample Handling

"Clean sampling" techniques are required to collect and handle water samples, pump tubing and strainers in a way that results in neither contamination, loss, or change in the chemical form of the analytes of interest. Samples are collected using protocols based on EPA Method 1669, as summarized below:

1. Samples are collected only into pre-cleaned sample bottles;
2. At least two persons, wearing clean, powder-free nitrile gloves at all times, are required on a sampling crew;
3. One person ("dirty hands") touches and opens only the outer bag of all double bagged items (such as sample bottles, tubing, strainers and lids), avoiding touching the inside of the bag;
4. The other person ("clean hands") reaches into the outer bag, opens the inner bag, and removes the clean item (sample bottle, tubing, lid, strainer, etc.);
5. After a grab sample is collected, or when a clean item must be re-bagged, it is done in the opposite order from which it was removed;
6. Clean, powder-free nitrile gloves are changed whenever something not known to be clean has been touched; and
7. For this program, clean techniques must be employed whenever handling the suction tubing, strainers, double bagged aliquot bottles, or mercury and bacteriological grab sample bottles. During sample splitting, the metals bottles are also handled using clean techniques.

Sample Filtration

Metals samples are field filtered immediately after collection. The recommend type of vacuum filter has an intake reservoir (500 mL), an applied vacuum attachment, a permeable membrane (0.45 µm) and a filtrate receiver reservoir. The recommended filtration procedure is as follows, however, based on results of filter blanks, the procedure can be modified to ensure that contamination is negligible (<10% of environmental concentration).

1. The sample is directly poured or pumped into the intake reservoir;
2. The "discharge" end of sample collection pump apparatus pump (flexible) tubing is attached to the filter vacuum valve and the pump is reversed to apply vacuum suction on the filter apparatus. A hand pump can also be used in place of a peristaltic pump;
3. After sufficient filtrate (>300 mL) is collected in the receiver reservoir, the vacuum suction is removed;
4. The receiver reservoir is removed and the filtrate is transferred to the laboratory-provided bottle; and
5. The chain of custody should clearly indicate that the sample was field filtered in the notes and the sample ID so that it can be distinguished from the total recoverable metals sample.

FIELD MEASUREMENTS

Field meters will be maintained throughout the monitoring season and calibrated **within 24 hours** of any potential event. Calibrations results will be logged in a calibration log and included with the event summary.

Field measurements for conductivity, turbidity, dissolved oxygen, temperature, and pH shall be taken at each sampling station, each time the station is sampled. Field measurements shall be made after water quality samples have been collected, using the following procedures:

- The required field measurements shall be taken one time at each sampling station at approximately mid-depth, at a location of significant flow (where feasible).

- Field measurements shall be made from a stable, unobstructed area by attaching the probe to an expandable pole and reaching out if needed.
- The probe shall be lowered to approximately mid-depth, readings stored, then recorded on the field log (see **Appendix A**) prior to leaving the sampling station.

Once field measurements are obtained, the Field Crew Lead will compare the results to water quality objectives (WQOs) provided in **Table 9**. If field readings do not meet these WQOs, the field crew will calibrate the instrument and resample. Both of the results will be logged in the field sheet and the calibration log sheet will be attached.

If at any time the collection of field measurements appears unsafe, DO NOT attempt to sample. Refer to the Health and Safety Plan.

Table 9. Water Quality Objectives for Field Parameters

Constituent	Water Quality Objective
Dissolved Oxygen	>7.0 mg/L
Electrical Conductivity	<700 µS/cm
pH	6.5-8.5 std. units

PRIOR TO LEAVING THE SITE

1. Add ice to all collected sample coolers/carrying buckets;
2. Physically inspect monitoring equipment (tubing, stream gauges, etc.);
3. Rinse and purge sample collection tubing/strainer and store in a clean double-bagged plastic garbage bag;
4. Fill out log sheet;
5. Secure the site; and
6. Contact monitoring manager to report site status.

Quality Control Samples

Quality control samples will be collected during each monitoring event according to the schedule presented in **Table 11**. Rinsate blanks, lab/field duplicate, and matrix spike/matrix spike duplicate analyses for the Monitoring Program will rely on the QA/QC activities described below. Quality control sample results will be used for data evaluation and interpretation. Note that the wet and dry weather monitoring events are combined in **Table 11**.

PRE-STORM BOTTLE AND EQUIPMENT BLANKS

All bottles and lids will be cleaned according to specified procedures.

Rinsate Blanks

Prior to the first monitoring event, equipment rinse blanks will be analyzed for TOC, total recoverable metals, total mercury and methylmercury.

MONITORING EVENT QUALITY CONTROL SAMPLES

The following quality control samples will be analyzed during each monitoring event, and a summary is presented in **Table 10**.

- Field Blank: total recoverable metals, dissolved metals, pesticides, PAHs, TOC, bacteriological, total mercury, and methylmercury analyses.
- Field or Laboratory Duplicate: all MRP constituents.
- Matrix Spike/Matrix Spike Duplicate (MS/MSD): total recoverable metals, dissolved metals, total mercury, methylmercury, PAHs, and pesticides.

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Table 10. Quality Control Samples

	Rinsate Blank	Field Duplicate	Field Blank	MS/MSD
Pyrethroid Pesticides		X	X	X
OP-Pesticides		X	X	X
PAHs		X	X	X
Petroleum Hydrocarbons		X		
TOC	X	X	X	
DOC		X		
Nutrients		X		
Total Metals	X	X	X	X
Total Hardness		X		
Dissolved Metals (Filter Blank)		X	X	X
Methylmercury	X	X	X	X
Total Mercury	X	X	X	X
Conventionals		X		
Fecal coliform and *Escherichia coli*		X	X	

QC SAMPLE COLLECTION SCHEDULE

Field-generated quality control samples (field duplicates and field blanks) will be submitted "blind" to the laboratory. Quality control samples will be collected according to the schedule shown in **Table 11**.

COLLECTION METHODS

Specific collection methods for each quality control sample type are described below.

Field Blank

Grab sample field blanks will be collected immediately prior to the collection of environmental grab samples. The field crew will use the blank water provided by the laboratory and will fill each grab sample container according to standard procedures.

Filter blanks will be collected for dissolved metals. Field crews will pour laboratory supplied blank water into the filter chamber and collect the sample in the same manner as the environmental sample.

Field blanks will be submitted "blind" to the laboratory using the "***Clear Creek***" site name pseudonym. The date and time of sampling should be noted on the log sheet.

Field blanks will be collected at one site for each event.

Field and Laboratory Duplicate

Grab sample field duplicates will be collected immediately following, and in the same manner as, the environmental grab samples.

Field duplicates will be submitted “blind” to the laboratory using the “***Newt Creek***” site name pseudonym. The date and time of sampling should be noted on the log sheet.

Laboratory duplicates are samples that are split by the laboratory. Each half of the split sample is then analyzed and reported by the laboratory. A pair of field duplicates is two samples taken at the same time, in the same manner, and into two unique containers.

Field and laboratory duplicates will be collected as specified in ***Table 11****.*

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Matrix spike analysis involves the introduction of a known spike in the original "matrix" (sample solution) and is a measure of the accuracy of the recovery performance of the laboratory. To perform this analysis, the laboratory generally requires an additional volume of sample. Matrix interference can lead to recovery problems and raised detection limits. Re-analysis is the first corrective action once matrix interference problems are identified, but re-analysis is only possible when sufficient sample volume is available.

Matrix spike duplicate (MSD) analyses are performed to check the precision of the matrix spike recovery. Ideally, triple the normal sample volume is provided to the analytical laboratory for the analysis of a matrix spike and a matrix spike duplicate. Relative Percent Differences (RPDs) are calculated from the matrix spike and matrix spike duplicate percent recoveries.

Matrix spike and matrix spike duplicates will be run at one site for each event.

Table 11. QC Schedule

Site	Event[1]			
	WW63	**WW64**	**WW65**	**DW29**
UR2S	MS/MSD	Field Blank	Field Duplicate	MS/MSD
UR3	Field Duplicate	MS/MSD	Field Blank	Lab Duplicate
UR5	Field Blank	Lab Duplicate	MS/MSD	Field Blank

[1] WW = wet weather; DW = dry weather

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Sample Handling and Shipment

Following collection of each sample, the sample container must be labeled, the chain-of-custody form must be filled out, and the sample must be delivered to the appropriate laboratory. These actions are described below.

LABELS/STATION CODES

Sampling sites shall be designated by the names and site codes listed in **Table 12**.

Table 12. Monitoring Site Identification Codes

Site Code	Site Name
UR2S	Strong Ranch Slough
UR3	Sump 111
UR5	North Natomas Detention Basin No. 4

In addition, quality control samples submitted "blind" to the laboratory should be designated by the pseudonyms and site codes listed in **Table 13**.

Table 13. Quality Control Sample Identification Codes

Site Code	Site Name	QC Sample
UR6	Clear Creek	(field blank)
UR7	Newt Creek	(field duplicate)

SAMPLE ID CONVENTIONS

Sample bottles submitted to laboratories for analysis shall be labeled with the sampling site name, sampling site code, the date of sample collection, and a sample ID devised as follows:

SAC SW *SITE Type XX*

Where: *SITE* = Site code (see above)

Type = Event type (Wet or Dry)

XX = Event number (i.e., 01, 02, 03, or 04)

For example, the sample ID used for a grab sample collected from Strong Ranch Slough during the first event would be "SAC SW UR2S Wet01".

CHAIN-OF-CUSTODY FORMS

Chain-of-custody (COC) forms will be filled out for all samples submitted to each laboratory. Sample date, sample site, and analysis requested shall be noted on each COC. See **Appendix B** for example COC forms. Analytical methods, quantification limits, and holding times for each analyte monitored are presented in **Table 14**.

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Table 14. Analytes, Methods, Reporting Limits, and Holding Times

Constituent	Method	Reporting Limit	Holding Time
Field Measurements			
Date	NA	mm/dd/yyyy	NA
Sample Time	NA	hr:min (24-hour clock)	NA
Weather Conditions	NA	NA	NA
Air Temperature	SM 2550 B	degrees C	NA
Water Temperature	SM 2550 B	degrees C	NA
pH	SM 4500-H+-B	0 – 14	NA
Dissolved Oxygen	SM 4500-O G	Sensitivity to 5 mg/l	NA
Electrical Conductivity (EC)	EPA 120.1	1 µmhos/cm	NA
Turbidity	EPA 180.1	0.1 NTU	48 hrs
Bacteria		*units = MPN/100ml*	
Fecal Coliform	SM9221	<20	6 hours
Escherichia coli (fresh waters)	SM9221	<20	6 hours
General		*units = mg/l, except where noted*	
Total Petroleum Hydrocarbons	EPA 8015M	5	14 days
Total Suspended Solids	EPA 160.2	2	7 days
Total Dissolved Solids	EPA 160.1	2	7 days
Total Organic Carbon	EPA 415.1	1	28 days
Dissolved Organic Carbon	EPA 415.1	1	Filter ASAP
Biochemical Oxygen Demand	EPA 405.1	2	48 hours
Chemical Oxygen Demand	Hach 8000	20 – 900	28 days
Total Kjeldahl Nitrogen	EPA 351.3	0.1	28 days
Alkalinity	SM 2320 B	2	28 days
Nitrate-Nitrite	EPA 353.2	0.1	28 days
Total Phosphorus	STM 4500	0.05	28 days
Total Hardness	EPA 130.2 / SM2340C	2	6 months
Methylmercury	CV-AFS	0.05 ng/l	6 months
Metals		*units = µg/L, except where noted*	
Copper (Dissolved)	EPA 1638/200.8 ICP-MS	0.5	6 months
Copper (Total)	EPA 1638/200.8 ICP-MS	0.5	6 months
Iron (Total)	EPA 1638/200.8 ICP-MS	100	6 months
Lead (Dissolved)	EPA 1638/200.8 ICP-MS	0.5	6 months
Lead (Total)	EPA 1638/200.8 ICP-MS	0.5	6 months
Mercury (Total)	CV-AFS	0.5 ng/l	6 months
Zinc (Dissolved)	EPA 1638/200.8 ICP-MS	1	6 months
Zinc (Total)	EPA 1638/200.8 ICP-MS	1	6 months
Organophosphate Pesticides			
Chlorpyrifos	GCMS-SM by EPA 625m	0.01 µg/l	7/40 days
Diazinon	GCMS-SM by EPA 625m	0.05 µg/l	7/40 days
Malathion	GCMS-SM by EPA 625m	0.05 µg/l	7/40 days
PAHs		*units = µg/L*	
Perylene	GCMS-SM by EPA 625m	0.005	7/40 days
Benz[a]anthracene	GCMS-SM by EPA 625m	0.005	7/40 days

Constituent	Method	Reporting Limit	Holding Time
Chrysene	GCMS-SM by EPA 625m	0.005	7/40 days
Fluorene	GCMS-SM by EPA 625m	0.005	7/40 days
Benzo[b]fluoranthene	GCMS-SM by EPA 625m	0.005	7/40 days
Benzo[e]pyrene	GCMS-SM by EPA 625m	0.005	7/40 days
Benzo[k]fluoranthene	GCMS-SM by EPA 625m	0.005	7/40 days
Benzo[a]pyrene	GCMS-SM by EPA 625m	0.005	7/40 days
Indeno[1,2,3-c,d]pyrene	GCMS-SM by EPA 625m	0.005	7/40 days
Dibenz[a,h]anthracene	GCMS-SM by EPA 625m	0.005	7/40 days
Benzo[g,h,i]perylene	GCMS-SM by EPA 625m	0.005	7/40 days
Pyrene	GCMS-SM by EPA 625m	0.005	7/40 days
Acenaphthylene	GCMS-SM by EPA 625m	0.005	7/40 days
Acenaphthene	GCMS-SM by EPA 625m	0.005	7/40 days
Naphthalene	GCMS-SM by EPA 625m	0.005	7/40 days
2-Methylnaphthalene	GCMS-SM by EPA 625m	0.005	7/40 days
1- Methylnaphthalene	GCMS-SM by EPA 625m	0.005	7/40 days
2,6-Dimethylnaphthalene	GCMS-SM by EPA 625m	0.005	7/40 days
2,3,5-Trimethylnaphthalene	GCMS-SM by EPA 625m	0.005	7/40 days
Fluoranthene	GCMS-SM by EPA 625m	0.005	7/40 days
Phenanthrene	GCMS-SM by EPA 625m	0.005	7/40 days
Anthracene	GCMS-SM by EPA 625m	0.005	7/40 days
1-Methylphenanthrene	GCMS-SM by EPA 625m	0.005	7/40 days
Pyrethroid Pesticides in Water		*units = ng/L*	
Bifenthrin	NCI-GCMS	2	7/40 days[1]
Cyfluthrin	NCI-GCMS	4	7/40 days[1]
Cypermethrin	NCI-GCMS	4	7/40 days[1]
Deltamethrin/Tralomethrin	NCI-GCMS	4	7/40 days[1]
Esfenvalerate/Fenvalerate	NCI-GCMS	2	7/40 days[1]
Fenpropathrin	NCI-GCMS	4	7/40 days[1]
Lambda-cyhalothrin	NCI-GCMS	2	3/40 days[1]
Permethrin	NCI-GCMS	5	3/40 days[1]
Malathion	GCMS-SM by EPA 625m	0.05 µg/l	7/40 days

[1] Michelle L. Hladik, James L. Orlando, and Kathryn M. Kuivila, "Collection of Pyrethroids in Water and Sediment Matrices: Development and Validation of a Standard Operating Procedure" (U.S. Department of the Interior, U.S. Geological Survey, Prepared in cooperation with U.S. Environmental Protection Agency)

TRANSPORT TO LAB

Samples will be hand delivered, sent via FedEx, or couriered to the appropriate laboratory as listed in **Table 3** (composite samples) and **Table 4** (grab samples). Because of the short holding times required by the bacteriological analytical methods (i.e., 6 hours), bacteriological grab samples must be delivered to the Sacramento Regional County Sanitation District (SRCSD) laboratory immediately. BOD should also be delivered to Caltest as soon as possible to meet the 48 hour hold time. Arrangements to transport and receive bacteriological samples at the SRCSD lab should be made by the monitoring manager in advance of collection of these samples to allow the lab to set up the analyses within the holding time. This is especially important when sample collection is expected outside normal business hours.

Bacteriological

Samples for *Escherichia coli* and fecal coliform will be analyzed by the SRCSD lab and should be delivered to the sample submission window at the treatment plant lab with proper chain of custody documentation. The lab can provide sample containers for these analyses, if necessary. Contact information and the laboratory's address are:

SRCSD EL
ATTN: Celeste Patena
8521 Laguna Station Road
Elk Grove, CA 95758

Phone: 916.875.9027 (direct)
916.875.9000 (main)
Fax: 916.875.9069
E-mail: patenac@sacsewer.com

Conventionals, Nutrients, Total Petroleum Hydrocarbons, Organic Carbon, OP Pesticides, Mercury, Methylmercury, Metals, and Pyrethroid Pesticides

Samples for BOD, alkalinity, TDS, TSS, turbidity, electrical conductivity, total phosphorus, TKN, nitrate-nitrite, COD, TPHs, OP pesticides, mercury, methylmercury, metals, pyrethroids, TOC, and DOC are transported to Caltest (Napa, California). Caltest provides courier service and should be contacted in advance to schedule a pick-up.

Alternatively, the samples can be sent via California Overnight to:

CalTest Analytical Laboratory
ATTN: Greg Martindale and Melinda Kelley
1885 N. Kelly Road
Napa, CA 94558

Phone: 707.258.4000
Fax: 707.226.1001

OP Pesticides and PAHs

PHYSIS will serve as the primary lab for OP Pesticides and PAHs and will provide backup analytical support for pyrethroid pesticides. The field crew, with assistance from the monitoring manager, will prepare samples for delivery and will be responsible for shipment.

Ship samples to:

PHYSIS Environmental Laboratories
ATTN: Misty B. Mercier
1904 East Wright Circle
Anaheim, CA 92806

Phone: 714.602.5320 x202
E-mail: mistymercier@physislabs.com

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Appendix A.
Site Checklists and Field Data Forms

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Sump 111 (UR3)

Sump 111 drains the smallest area, but it also drains the fastest due to a large percent of impervious surface. The sampler fills fast and we only take grabs when the pumps are on. The following procedures should be followed during each storm event site visit.

SITE SPECIFIC SAFETY NOTES

- **Be mindful of your surroundings, especially when entering the site**
- **Do not cross the safety barrier surrounding the wet well**

ACCESS NOTES

- Single key unlocks entry gate and shed.
- Lock is daisy-chained.
- Control 12 should be notified when visiting during any period other than a storm event

SITE SPECIFIC SAMPLING PROCEDURES

- ☐ Inspect sampling unit and bottle. Check with monitoring manager to see how many samples should have been taken
- ☐ Take grab samples in wet well using rope and bailer.
    - TOC/DOC
    - TPH Diesel and Gasoline
    - Fecal coliform and e. coli
    - Extra Volume for LWA
    - QAQC (blanks should be run through clean bailer before sampling environmental)
- ☐ Take field measurements using an intermediate container
- ☐ Take total mercury and methylmercury grabs
    - Return to the pump station and notify the monitoring manager that you are taking mercury grabs
    - Pause the sampler (press **Change/Halt**)
    - Pump mercury samples using clean hands/dirty hands
        - Remove tube from carboy
        - Press **Purge** (5 seconds)
        - Press and hold **Pump** until bottle is full
        - Replace tube in carboy
    - Notify monitoring manager when finished with grabs. Monitoring manager might request additional manual grab. If so, press **Take Sample**.
    - When finished press **Resume Program**
- ☐ Make sure screen shows Program Running and wait until sample is collected before leaving site

Strong Ranch Slough (UR2S)

Strong Ranch Slough responds fairly quickly to precipitation but it can take about twice as long as the storm event to fully drain.

SITE SPECIFIC SAFETY NOTES

- **Only visit site during daylight hours. Notify monitoring manager if sampling activities are not complete and it is becoming dark**
- **Always be mindful of your surroundings, especially when entering the site**
- **Bring vehicle into gated area and close and lock gate behind you.**
- **Do not enter the channel during a storm event**
- **Most if not all of the sampling should be performed inside gated area. Notify monitoring manager if any activities need to be performed on the other side.**

ACCESS NOTES

- Single key unlocks entry gate and sampling box.

SITE SPECIFIC SAMPLING PROCEDURES

- ☐ Inspect sampling unit and bottle. Check with monitoring manager to see how many samples should have been taken
- ☐ Take grab samples by pausing the sampler and pumping sampler through the peristaltic pump.
    - TOC/DOC
    - TPH Diesel and Gasoline
    - Fecal coliform and e. coli
    - Total mercury and methylmercury
    - Extra volume for LWA
    - Volume for field measurements
    - QAQC
  - Pause the sampler (press **Change/Halt**)
  - Pump mercury samples using clean hands/dirty hands
    - Remove tube from carboy
    - Press **Purge** (5 seconds)
    - Press and hold **Pump** until bottle is full
    - Replace tube in carboy
  - Notify monitoring manager when finished with grabs. Monitoring manager might request additional manual grab. If so, press **Take Sample**.
  - When finished press **Resume Program**
- ☐ Make sure screen shows Program Running and wait until sample is collected before leaving site

North Natomas Detention Basin No. 4 (UR5)

North Natomas Detention drains slowly and is generally the last site to visit.

SITE SPECIFIC SAFETY NOTES

- **Always be mindful of your surroundings, especially when entering the site**
- **Do not enter the channel if conditions appear unsafe**
- **Most if not all of the sampling should be performed inside gated area. Notify monitoring manager if any activities need to be performed on the other side.**

ACCESS NOTES

- Key to unlock gate at the street
- Combination lock to unlock gate and sampling box (1514)

SITE SPECIFIC SAMPLING PROCEDURES

- ☐ Inspect sampling unit and bottle. Check with monitoring manager to see how many samples should have been taken
- ☐ Take grab samples from the channel by using a grab pole:
    - TOC/DOC
    - TPH Diesel and Gasoline
    - Fecal coliform and e. coli
    - Total mercury and methylmercury
    - Extra volume for LWA
    - QAQC
- ☐ Take field measurements from the channel
    - Pump mercury samples using clean hands/dirty hands
- ☐ Make sure screen shows Program Running and wait until sample is collected

Bottle Change Procedure

- ☐ Notify monitoring manager before changing bottle
- ☐ Press **Change/Halt**
- ☐ Remove tubing from carboy and secure in sanitary glove or bag
- ☐ Place lid on carboy
- ☐ Slowly and safely remove carboy and place it in cooler or bucket
- ☐ Replace with clean carboy and reinsert tube
- ☐ Press Resume Program
- ☐ Make sure screen says **Program Running**
- ☐ Notify monitoring manager
- ☐ Ice carboy with sample

Composite Filter (dissolved metals)

Dissolved metals need to be poured off and filtered upon removal of the last carboy at each site. This needs to be done within 15 minutes from when the carboy took the last sample

- ☐ Notify monitoring manager
- ☐ If more than one carboy, monitoring manager will provide composite amounts. For example, 200 mL from carboy 1 and 300 mL from carboy 2
- ☐ Carefully pour amounts into filter receptacle
- ☐ Turn on vacuum pump.
- ☐ When completed label and place container on ice.

Field Sampling Data Log Sheet

Sacramento Stormwater Monitoring Program

Site: **Strong Ranch Slough** **Site Id:** **UR2S**

Sample Crew: _____ Personnel: _____

Arrival time: _____ Departure Time: _____

Habitat Observations: Circle your observations

Dominate Substrate concrete cobble gravel sand mud unknown other

Site Odor none sulfides sewage petroleum mixed other

Other Presences vascular nonvascular oily sheen foam trash other

Water Odor none sulfides sewage petroleum mixed other

Water Clarity clear (can see bottom) cloudy (>4" vis.) murky (<4" vis.)

Water Color clear brown green grey yellow other

Sky Code clear partly cloudy overcast fog haxy

Current Precipitation none foggy drizzle rain snow

Prec (last 24 hours) unknown <1" >1" none

Wadeable Yes No

Photos	
upstream	☐
downstream	☐
other	

Field Measurements

Time	pH*	EC (µS/cm)	DO (mg/L)	Water Temp (°C)	Air Temp (°C)	Turbidity (NTU)
Range:	6.5-8.5	≤240	≥7	NA	NA	NA
Instrument(s)	_____	_____	_____	_____	_____	_____
Calibration Date(s)	_____	_____	_____	_____	_____	_____

* Recalibrate if pH or DO are outside the specficied range. Record post-calibration results as field measurements

Samples Collected

Sample Location: **Collection Time:**

Analytes	Sample Type	Collection Depth (m)	Bottle Number	Bottle Type	Notes
TPH Diesel and Motor Oil	Grab		2	1L AG	
TPH Gasoline	Grab		3	40 mL VOA w/HCl	
TOC	Grab		3	40 mL VOA w/HCl	
DOC	Grab		1	125 AG	
Methylmercury	Grab		1	500 AG w/HCl	
Mercury, total	Grab		1	500 G w/HCl	
Fecal Coliform and E. coli	Grab		1	100 mL Sterile Plastic	
LWA Extra Volume	Grab		2	1L AG	
Composite	Composite		_____	20L G	
Dissolved Metals	Composite		1	500mL Filter	

Additional Notes or Comments

Field Sampling Data Log Sheet

Sacramento Stormwater Monitoring Program

Site: **Sump 111** **Site Id:** **UR3**

Sample Crew: _____ Personnel: _____

Arrival time: _____ Departure Time: _____

Habitat Observations: Circle your observations

Dominate Substrate	concrete cobble gravel sand mud unknown other
Site Odor	none sulfides sewage petroleum mixed other
Other Presences	vascular nonvascular oily sheen foam trash other
Water Odor	none sulfides sewage petroleum mixed other
Water Clarity	clear (can see bottom) cloudy (>4" vis.) murky (<4" vis.)
Water Color	clear brown green grey yellow other
Sky Code	clear partly cloudy overcast fog haxy
Current Precipitation	none foggy drizzle rain snow
Prec (last 24 hours)	unknown <1" >1" none
Wadeable	Yes No

Photos	
upstream	☐
downstream	☐
other	

Field Measurements

Time	pH*	EC (µS/cm)	DO (mg/L)	Water Temp (°C)	Air Temp (°C)	Turbidity (NTU)
Range:	6.5-8.5	≤240	≥7	NA	NA	NA
Instrument(s)	_____	_____	_____	_____	_____	_____
Calibration Date(s)	_____	_____	_____	_____	_____	_____

* Recalibrate if pH or DO are outside the specficied range. Record post-calibration results as field measurements

Samples Collected

Sample Location: **Collection Time:**

Analytes	Sample Type	Collection Depth (m)	Bottle Number	Bottle Type	Notes
TPH Diesel and Motor Oil	Grab		2	1L AG	FD
TPH Gasoline	Grab		3	40 mL VOA w/HCl	FD
TOC	Grab		3	40 mL VOA w/HCl	FD
DOC	Grab		1	125 AG	FD
Methylmercury	Grab		1	500 AG w/HCl	FD
Mercury, total	Grab		1	500 G w/HCl	FD
Fecal Coliform and E. coli	Grab		1	100 mL Sterile Plastic	FD
LWA Extra Volume	Grab		2	1L AG	FD
Composite	Composite		_____	20L G	FD
Dissolved Metals	Composite		1	500mL Filter	FD

Additional Notes or Comments

Appendix B.
Chain of Custody Forms

DRAFT

LARRY WALKER ASSOCIATES 1480 DREW AVE, DAVIS, CA 95618 TEL: 530.753.6400 FAX: 530.753.7030

CHAIN-OF-CUSTODY RECORD

DATE: **Lab ID:**

DESTINATION LAB:

ADDRESS:

PHONE:

FAX:

SAMPLED BY:

LWA TASK MANAGER:

LWA PROJECT MANAGER:

LARRY WALKER ASSOCIATES

	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container #	Container Type	Container Pres.	REQUESTED ANALYSIS				Grab NOTES
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

SENDER COMMENTS:

RELIQUINSHED BY

Signature:

Print:

Company:

Date: Time:

LABORATORY COMMENTS:

RECEIVED BY [2]

Signature:

Print:

Company:

Date: Time:

Appendix B

Event	Constituent Class	Constituent	Units	Sample Type	Environmental Sample Location	Sample Date	Collection Time	Sample Analysis Date	Result	Envir. Result QualCode	Qualifier	LabResult Comments
WW63	Pyrethroid	Permethrin	ng/L	Integrated	UR2S	11/29/2018	23:50	12/8/2018	<10	ND	H	This sample was not extracted within the Caltest recommended 3 day hold time for this compound.
WW63	Pyrethroid	L-Cyhalothrin	ng/L	Integrated	UR2S	11/29/2018	23:50	12/8/2018	<1	ND	H	This sample was not extracted within the Caltest recommended 3 day hold time for this compound.
WW64	Bacteriological	Fecal Coliform	MPN/100 mL	Grab	UR2S	1/6/2019	13:48	1/6/2019	11,000	=	H	Sample was received outside of method required hold time (dropped off in overnight refrigerator).
WW64	Bacteriological	E. coli	MPN/100 mL	Grab	UR2S	1/6/2019	13:48	1/6/2019	11,000	=	H	Sample was received outside of method required hold time (dropped off in overnight refrigerator).

Qualification Note:

The environmental sample is qualified as "Estimated. Holding time exceeded." (H) when the analytical method/program prescribed holding time is exceeded.

Appendix B. QA/QC Results - E2 - Contamination

Event	Constituent Class	Constituent	Fraction	Units	QA/QC Type	QA/QC Sample Location	Environmental Sample Location	Blank Result	Blank Result QualCode	Blank Qualifier	Envir. Result	Envir. Result QualCode	Envir. Qualifier
WW64	PAH	2-Methylnaphthalene	None	µg/L	FieldBlank	UR2S	UR2S	0.00108	DNQ	IP	0.00614	=	IP
DW29	PAH	2-Methylnaphthalene	None	µg/L	FieldBlank	UR5	UR5	0.00106	DNQ	IP	0.00178	DNQ	IP
WW63	PAH	Acenaphthene	None	µg/L	FieldBlank	UR2S	UR2S	0.0166	=	IP	0.0124	=	IP
WW64	PAH	Acenaphthene	None	µg/L	FieldBlank	UR2S	UR2S	0.0135	=	IP	0.0034	DNQ	IP
WW65	PAH	Acenaphthene	None	µg/L	FieldBlank	UR3	UR3	0.00488	DNQ	IP	0.00461	DNQ	IP
WW64	PAH	Benzo(b)fluoranthene	None	µg/L	FieldBlank	UR2S	UR2S	0.00113	DNQ	IP	0.0197	=	IP
WW65	Metal	Copper	Total	µg/L	FieldBlank	UR3	UR3	0.19	DNQ	IP	10	=	[a]
DW29	Metal	Copper	Total	µg/L	FieldBlank	UR5	UR5	0.44	DNQ	IP	0.62	=	IP
WW64	PAH	Dibenz(a,h)anthracene	None	µg/L	FieldBlank	UR2S	UR2S	0.00107	DNQ	IP	0.00383	DNQ	IP
WW65	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	FieldBlank	UR3	UR3	0.37	DNQ	IP	3.3	=	[a]
DW29	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	FieldBlank	UR5	UR5	0.58	=	IP	6.6	=	[a]
WW63	Pesticide	Fipronil Sulfone	None	ng/L	FieldBlank	UR2S	UR2S	0.6	DNQ	IP	11	=	[a]
WW65	Pesticide	Fipronil Sulfone	None	ng/L	FieldBlank	UR3	UR3	0.7	DNQ	IP	1.9	=	IP
WW63	Conventional	Hardness as CaCO3	Total	mg/L	FieldBlank	UR2S	UR2S	2	DNQ	IP	38	=	[a]
WW65	Metal	Iron	Dissolved	mg/L	FieldBlank	UR3	UR3	0.008	DNQ	IP	0.03	DNQ	IP
WW65	Metal	Iron	Total	mg/L	FieldBlank	UR3	UR3	0.01	DNQ	IP	0.72	=	[a]
DW29	Metal	Iron	Total	mg/L	FieldBlank	UR5	UR5	0.06	=	IP	0.12	=	IP
WW63	Metal	Lead	Dissolved	µg/L	FieldBlank	UR2S	UR2S	0.08	DNQ	IP	0.88	=	IP
DW29	Metal	Lead	Total	µg/L	FieldBlank	UR5	UR5	0.21	DNQ	IP	<0.06	ND	[b]
WW65	Metal	Mercury	Total	ng/L	FieldBlank	UR3	UR3	0.22	DNQ	IP	6.3	=	[a]
WW63	PAH	Naphthalene	None	µg/L	FieldBlank	UR2S	UR2S	0.0012	DNQ	IP	0.081	=	[a]
WW64	PAH	Naphthalene	None	µg/L	FieldBlank	UR2S	UR2S	0.00162	DNQ	IP	0.00774	=	IP
WW65	PAH	Naphthalene	None	µg/L	FieldBlank	UR3	UR3	0.00104	DNQ	IP	0.0204	=	IP
DW29	PAH	Naphthalene	None	µg/L	FieldBlank	UR5	UR5	0.00142	DNQ	IP	0.00289	DNQ	IP
WW64	PAH	Perylene	None	µg/L	FieldBlank	UR2S	UR2S	0.00159	DNQ	IP	0.041	=	[a]
WW63	PAH	Phenanthrene	None	µg/L	FieldBlank	UR2S	UR2S	0.00214	DNQ	IP	0.0236	=	IP
WW64	PAH	Phenanthrene	None	µg/L	FieldBlank	UR2S	UR2S	0.00198	DNQ	IP	0.021	=	IP
WW65	PAH	Phenanthrene	None	µg/L	FieldBlank	UR3	UR3	0.00155	DNQ	IP	0.0318	=	[a]
WW64	Conventional	Total Organic Carbon	Total	mg/L	FieldBlank	UR2S	UR2S	0.65	=	IP	7.8	=	[a]
WW65	Conventional	Total Organic Carbon	Total	mg/L	FieldBlank	UR3	UR3	0.41	DNQ	IP	3.5	=	[a]
DW29	Conventional	Total Organic Carbon	Total	mg/L	FieldBlank	UR5	UR5	0.84	=	IP	8.2	=	[a]

Qualification Notes:

[a] Contamination is considered insignificant in comparison to associated environmental sample concentration. No contamination-based qualification is appropriate.

[b] Associated environmental sample is reported as "non-detect." No contamination-based qualification is appropriate.

Event	Constituent Class	Constituent	Fraction	Units	QA/QC Type	QA/QC Sample Location	Blank Result	Blank Result QualCode	Blank Qualifier	Environmental Sample Location	Envir. Result	Envir. Result QualCode	Envir. Qualifier
WW63	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	LabBlank	LABQA	0.38	DNQ	IP	UR3	5.3	=	[a]
WW63	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	LabBlank	LABQA	0.38	DNQ	IP	UR2S	9.8	=	[a]
WW63	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	LabBlank	LABQA	0.38	DNQ	IP	UR5	11	=	[a]
WW63	Pesticide	Fipronil Sulfone	None	ng/L	LabBlank	LABQA	0.6	DNQ	IP	UR2S	11	=	[a]
WW63	Pesticide	Fipronil Sulfone	None	ng/L	LabBlank	LABQA	0.6	DNQ	IP	UR5	20	=	[a]
WW65	Metal	Copper	Total	µg/L	LabBlank	LABQA	0.21	DNQ	IP	UR3	10	=	[a]
WW65	Metal	Copper	Total	µg/L	LabBlank	LABQA	0.21	DNQ	IP	UR2S	8.7	=	[a]
WW65	Metal	Copper	Total	µg/L	LabBlank	LABQA	0.21	DNQ	IP	UR5	4	=	[a]
DW29	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	LabBlank	LABQA	0.083	DNQ	IP	UR3	1.4	=	[a]
DW29	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	LabBlank	LABQA	0.083	DNQ	IP	UR2S	2.1	=	[a]
DW29	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	LabBlank	LABQA	0.083	DNQ	IP	UR5	2	=	[a]

Qualification Note:

[a] Contamination is considered insignificant in comparison to associated environmental sample concentration. No contamination-based qualification is appropriate.

Appendix B. QA/QC Results - E4 - Accuracy

Event	Constituent Class	Constituent	QA/QC Type	Replicate	Lab Replicate	Result	Recovery	Lower Control Limit	Upper Control Limit	Qualifier
There were no laboratory control spike recovery problems and, thus, no results were qualified with "EUM."										

Appendix B. QA/QC Results - E5 - Accuracy

Event	Constituent Class	Constituent	QA/QC Type	Environmental Sample Location	Replicate	Lab Replicate	Recovery	Lower Control Limit	Upper Control Limit	Qualifier
WW63	OP Pesticide	Demeton, Total	MS1	UR3	1	2	200	0	156	GB
WW63	OP Pesticide	Dimethoate	MS1	UR3	1	2	189	25	150	GB
WW63	OP Pesticide	Dimethoate	MS1	UR3	1	1	162	25	150	GB
WW63	OP Pesticide	Fensulfothion	MS1	UR3	1	2	208	46	182	GB
WW63	OP Pesticide	Phosmet	MS1	UR3	1	2	193	34	180	GB
WW65	Nutrient	Nitrate + Nitrite as N	MS1	UR3	1	2	88	90	110	GB
WW65	OP Pesticide	Fensulfothion	MS1	UR5	1	2	210	46	182	GB
WW65	OP Pesticide	Fensulfothion	MS1	UR5	1	1	202	46	182	GB
DW29	OP Pesticide	Fensulfothion	MS1	UR2S	1	1	194	46	182	GB
DW29	OP Pesticide	Fensulfothion	MS1	UR2S	1	2	214	46	182	GB
DW29	OP Pesticide	Tetrachlorvinphos (Stirofos)	MS1	UR2S	1	1	216	42	196	GB
DW29	OP Pesticide	Tetrachlorvinphos (Stirofos)	MS1	UR2S	1	2	215	42	196	GB

Qualification Note:

The associated environmental sample is qualified with "GB" due to a matrix spike recovery outside of the control limits.

Event	Constituent Class	Constituent	Units	QC Type	Environmental Sample Location	ENV Result	Envir. Result QualCode	QA/QC Result	QA/QC Result QualCode	Abs Dif	RL	RPD	Qualifier
DW29	Conventional	Turbidity	NTU	LD	UR3	0.15	=	1.8	=	1.65	0.07	169	IL
WW63	PAH	Benzo(e)pyrene	µg/L	LD	UR3	0.014	=	0.038	=	0.0236	0.005	90	IL
WW63	PAH	Benzo(g,h,i)perylene	µg/L	LD	UR3	0.016	=	0.0377	=	0.0222	0.005	84	IL
WW63	PAH	Benzo(k)fluoranthene	µg/L	LD	UR3	0.018	=	0.0401	=	0.0217	0.005	74	IL
WW63	PAH	Benzo(a)pyrene	µg/L	LD	UR3	0.011	=	0.0226	=	0.012	0.005	72	IL
WW63	PAH	Indeno(1,2,3-cd)pyrene	µg/L	LD	UR3	0.014	=	0.0279	=	0.0138	0.005	66	IL
WW63	PAH	Benzo(b)fluoranthene	µg/L	LD	UR3	0.028	=	0.0529	=	0.0252	0.005	63	IL
WW63	PAH	Fluoranthene	µg/L	LD	UR3	0.04	=	0.0712	=	0.0314	0.005	57	IL
WW64	PAH	1-Methylphenanthrene	µg/L	LD	UR3	0.004	DNQ	0.0067	=	0.0027	0.005	50	[a]
WW63	PAH	Benz(a)anthracene	µg/L	LD	UR3	0.023	=	0.0378	=	0.0148	0.005	49	IL
WW63	PAH	Pyrene	µg/L	LD	UR3	0.046	=	0.0683	=	0.0224	0.005	39	IL
WW65	PAH	2-Methylnaphthalene	µg/L	LD	UR5	0.006	=	0.0042	DNQ	0.002	0.005	38	[a]
WW63	PAH	Naphthalene	µg/L	LD	UR3	0.008	=	0.0058	=	0.0019	0.005	29	[a]
WW63	PAH	Acenaphthylene	µg/L	LD	UR3	0.002	DNQ	0.0018	DNQ	0.0005	0.005	26	[a]
WW64	Pyrethroid	L-Cyhalothrin	ng/L	FD	UR5	1.3	=	0.2	DNQ	1.1	0.5	147	FDP
WW65	Conventional	Suspended Sediment Concentration	mg/L	FD	UR2S	131	=	723	=	592	3	139	FDP
WW65	Pyrethroid	Deltamethrin/Tralomethrin	ng/L	FD	UR2S	3.5	=	1.1	=	2.4	1	104	FDP
WW65	Pesticide	Fipronil Sulfone	ng/L	FD	UR2S	14	=	4.5	=	9.5	1	103	FDP
WW65	Pesticide	Fipronil	ng/L	FD	UR2S	13	=	5	=	8	1	89	FDP
WW65	Nutrient	Total Kjeldahl Nitrogen	mg/L	FD	UR2S	0.55	=	1.4	=	0.85	0.1	87	FDP
WW65	Pesticide	Fipronil Sulfide	ng/L	FD	UR2S	1.2	=	0.5	DNQ	0.7	1	82	[a]
WW65	PAH	Benzo(k)fluoranthene	µg/L	FD	UR2S	0.024	=	0.0111	=	0.0132	0.005	75	FDP
WW63	OP Pesticide	Chlorpyrifos	µg/L	FD	UR5	0.001	=	0.0023	=	0.0012	0.001	67	FDP
WW65	Pesticide	Fipronil Desulfinyl	ng/L	FD	UR2S	1.8	=	0.9	DNQ	0.9	1	67	[a]
WW65	Pyrethroid	Cypermethrin	ng/L	FD	UR2S	1.2	=	0.6	=	0.6	0.5	67	FDP
WW65	Pyrethroid	Bifenthrin	ng/L	FD	UR2S	16	=	8.8	=	7.2	0.5	58	FDP
WW65	Surrogate	Tetracosane (Surrogate)	%	FD	UR2S	84	=	47	=	37		57	FDP
WW65	Pyrethroid	L-Cyhalothrin	ng/L	FD	UR2S	0.7	=	0.4	DNQ	0.3	0.5	55	[a]
WW65	PAH	Benzo(b)fluoranthene	µg/L	FD	UR2S	0.034	=	0.0205	=	0.0134	0.005	49	FDP
WW65	Pyrethroid	Esfenvalerate/Fenvalerate	ng/L	FD	UR2S	1.3	=	0.8	DNQ	0.5	1	48	[a]
WW65	PAH	Chrysene	µg/L	FD	UR2S	0.017	=	0.0103	=	0.0062	0.005	46	FDP
WW65	Surrogate	Esfenvalerate-d6 (Surrogate)	%	FD	UR2S	60	=	39	=	21		42	FDP
WW65	PAH	Benzo(g,h,i)perylene	µg/L	FD	UR2S	0.034	=	0.0229	=	0.0115	0.005	40	FDP
WW65	PAH	Fluoranthene	µg/L	FD	UR2S	0.039	=	0.026	=	0.0125	0.005	39	FDP
WW63	Pyrethroid	Cyfluthrin	ng/L	FD	UR5	2.5	=	1.7	=	0.8	0.5	38	FDP
WW64	PAH	Benzo(g,h,i)perylene	µg/L	FD	UR5	0.003	DNQ	0.0047	DNQ	0.0015	0.005	38	[a]
WW64	PAH	Benzo(b)fluoranthene	µg/L	FD	UR5	0.002	DNQ	0.0016	DNQ	0.0007	0.005	34	[a]
WW63	PAH	Naphthalene	µg/L	FD	UR5	0.003	DNQ	0.002	DNQ	0.0008	0.005	34	[a]
WW65	PAH	Phenanthrene	µg/L	FD	UR2S	0.022	=	0.0157	=	0.0064	0.005	34	FDP
WW64	PAH	Fluorene	µg/L	FD	UR5	0.006	=	0.0041	DNQ	0.0017	0.005	34	[a]
WW65	PAH	Benzo(e)pyrene	µg/L	FD	UR2S	0.027	=	0.0194	=	0.0071	0.005	31	FDP
WW63	Conventional	Chemical Oxygen Demand	mg/L	FD	UR5	25	DNQ	34	DNQ	9	50	31	[a]
WW63	Pyrethroid	Esfenvalerate/Fenvalerate	ng/L	FD	UR5	0.4	DNQ	0.3	DNQ	0.1	1	29	[a]

Event	Constituent Class	Constituent	Units	QC Type	Environmental Sample Location	ENV Result	Envir. Result QualCode	QA/QC Result	QA/QC Result QualCode	Abs Dif	RL	RPD	Qualifier
WW63	Pyrethroid	L-Cyhalothrin	ng/L	FD	UR5	0.4	DNQ	0.3	DNQ	0.1	0.5	29	[a]
WW65	Pyrethroid	Cyfluthrin	ng/L	FD	UR2S	0.9	=	1.2	=	0.3	0.5	29	[a]
WW63	Surrogate	Naphthalene-d8 (Surrogate)	%	FD	UR5	82	=	62	=	20		28	FDP
WW63	PAH	Fluorene	µg/L	FD	UR5	0.003	DNQ	0.0033	DNQ	0.0008	0.005	27	[a]
WW65	PAH	Pyrene	µg/L	FD	UR2S	0.043	=	0.0328	=	0.01	0.005	27	FDP

Qualification Notes:

The environmental sample associated with a laboratory duplicate sample is qualified as "not reproducible due to analytical variabilty" (IL) and the environmental sample associated with a field duplicate is qualified as "estimated" (FDP) when the duplicate pair results meet the following conditions:

-The calculated relative percent difference (RPD) is greater than the maximum allowable value (MAV) RPD (25) and
-The numerical difference between the samples is greater than or equal to the reporting limit.

[a] The RPD is greater than the MAV RPD, but the absolute numerical difference between the duplicate pair is less than the RL.

Appendix B. QA/QC Results - E7 - Precision

Event	Constituent Class	Constituent	QA/QC Type	QA/QC Sample Location	Replicate	Lab Replicate	RPD	Qualifier
WW63	Pesticide	Fipronil Sulfone	LCS	LABQA	1	2	39	IL
WW63	Pesticide	Fipronil Sulfone	LCS	LABQA	1	2	39	IL
WW63	OP Pesticide	Fensulfothion	LCS	LABQA	1	2	28	IL
WW63	OP Pesticide	Mevinphos (Phosdrin)	LCS	LABQA	1	2	27	IL
WW64	OP Pesticide	Chlorpyrifos	LCS	LABQA	1	2	28	IL
WW64	OP Pesticide	Chlorpyrifos	LCS	LABQA	1	2	28	IL
WW65	Pyrethroid	Deltamethrin/Tralomethrin	LCS	LABQA	1	2	48	IL
WW65	Pesticide	Fipronil	LCS	LABQA	1	2	44	IL
WW65	OP Pesticide	Chlorpyrifos	LCS	LABQA	1	2	44	IL
WW65	Pyrethroid	Tau-Fluvalinate	LCS	LABQA	1	2	43	IL
WW65	Pesticide	Fipronil Desulfinyl	LCS	LABQA	1	2	43	IL
WW65	Pesticide	Fipronil Sulfide	LCS	LABQA	1	2	43	IL
WW65	Pyrethroid	Bifenthrin	LCS	LABQA	1	2	42	IL
WW65	Pyrethroid	L-Cyhalothrin	LCS	LABQA	1	2	41	IL
WW65	Pyrethroid	Permethrin	LCS	LABQA	1	2	40	IL
WW65	Pyrethroid	Esfenvalerate/Fenvalerate	LCS	LABQA	1	2	40	IL
WW65	Pyrethroid	Fenpropathrin	LCS	LABQA	1	2	39	IL
WW65	Pyrethroid	Tetramethrin	LCS	LABQA	1	2	39	IL
WW65	Pyrethroid	Cypermethrin	LCS	LABQA	1	2	39	IL
WW65	Pyrethroid	Cyfluthrin	LCS	LABQA	1	2	37	IL
WW65	Pesticide	Fipronil Sulfone	LCS	LABQA	1	2	36	IL
WW65	Pyrethroid	Allethrin	LCS	LABQA	1	2	36	IL

Qualification Note:

The associated environmental sample was qualified with "IL" due to the exceedance of the RPD control limit (25) for the laboratory control spike duplicate.

Appendix B. QA/QC Results - E8 - Precision

Event	Constituent Class	Constituent	QA/QC Type	Environmental Sample Location	MS Recovery	MSD Recovery	RPD	Qualifier
WW63	OP Pesticide	Demeton, Total	MS1	UR3	145	200	32	IL
WW65	Pesticide	Fipronil Sulfone	MS1	UR5	45	86	32	IL

Qualification Note:

The associated environmental sample was qualified with "IL" due to the exceedance of the RPD control limit (25) for the matrix spike duplicate.

Appendix C

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.031	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00137	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.0029	DNQ	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00303	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.0068	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00356	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00436	DNQ	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00303	DNQ	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00314	DNQ	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00116	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00125	DNQ	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00435	DNQ	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00126	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00564	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00344	DNQ	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.004	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00848	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00425	DNQ	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.00667	=	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.0025	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.00325	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.00284	DNQ	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.0504	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00241	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.0047	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00614	=	0.001	0.005	IP	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00418	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00983	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00905	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00801	=	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00619	=	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00172	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00178	DNQ	0.001	0.005	IP	PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.0124	=	0.001	0.005	IP	PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.0034	DNQ	0.001	0.005	IP	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.008	=	0.001	0.005		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00713	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00461	DNQ	0.001	0.005	IP	PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00347	DNQ	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00113	DNQ	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00254	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00145	DNQ	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00349	DNQ	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00274	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00228	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00352	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00272	DNQ	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00136	DNQ	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	26	=	1.2	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	37	=	1.2	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	9	DNQ	1.2	10		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	16	=	1.2	10		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	46	=	1.2	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	15	=	1.2	10		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	10	=	1.2	10		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	23	=	1.2	10		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	45	=	1.2	10		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	163	=	1.2	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	158	=	1.2	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	254	=	1.2	10		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	5	<0.5	ND	0.5	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	5	<0.5	ND	0.5	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	10	<1	ND	1	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00228	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00441	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00491	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00396	DNQ	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00118	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00313	DNQ	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00221	DNQ	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.00935	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.023	=	0.001	0.005	IL	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.0178	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.0146	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.00649	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.00651	=	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0163	=	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0106	=	0.001	0.005	IL	PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0133	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.00151	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0111	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0137	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0121	=	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0338	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0277	=	0.001	0.005	IL	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.024	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0197	=	0.001	0.005	IP	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.00228	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0295	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0339	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0316	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0144	=	0.001	0.005	IL	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.027	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0022	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0198	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0265	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0311	=	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0284	=	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0155	=	0.001	0.005	IL	PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0229	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.00323	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0363	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0512	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0344	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0243	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0184	=	0.001	0.005	IL	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0143	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.00136	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0158	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.02	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0243	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	26	=	1.2	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	37	=	1.2	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	9	DNQ	1.2	10		CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW64	UR2S	1/7/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	16	=	1.2	10		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	46	=	1.2	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	15	=	1.2	10		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	10	=	1.2	10		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	23	=	1.2	10		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	45	=	1.2	10		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	163	=	1.2	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	133	=	1.2	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	254	=	1.2	10		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	5	19	=	0.5	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	14	=	0.1	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	14	=	0.1	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	5	14	=	0.5	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	20	=	0.1	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	10	15	=	1	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	5.6	=	0.1	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	16	=	0.1	0.5	FDP,IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	10	=	0.1	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	0.2	DNQ	0.1	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	1	=	0.1	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	0.6	=	0.1	0.5		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.0015	DNQ	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00258	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00237	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00469	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00328	DNQ	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00158	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00431	DNQ	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00121	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00149	DNQ	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	9	=	5	5		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	10	=	5	5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	6	=	5	5		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	16	=	5	5		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	13	=	5	5		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	6	=	5	5		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM 5210 B	Conventional	BOD	None	mg/L	1	6	=	5	5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW65	UR5	2/2/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	25	=	1.2	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	107	=	20	50		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	25	DNQ	20	50		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	68	=	20	50		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	48	DNQ	20	50		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	57	=	20	50		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	153	=	20	50		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	56	=	20	50		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	30	DNQ	20	50		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	81	=	20	50		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	25	DNQ	20	50		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.00114	=	0.0005	0.001	FDP	PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.00617	=	0.0005	0.001		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0251	=	0.0005	0.001		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	5	<0.002	ND	0.002	0.005	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0021	=	0.0005	0.001		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0078	=	0.0005	0.001		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	5	<0.002	ND	0.002	0.005	D,IL	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0005	DNQ	0.0005	0.001	IL	CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	10	0.0061	DNQ	0.005	0.01	D,IL	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0021	=	0.0005	0.001	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001	IL	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0029	=	0.0005	0.001		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0005	DNQ	0.0005	0.001		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.000841	DNQ	0.0005	0.001		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0084	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0439	=	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0495	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0324	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.00469	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.02	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0165	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	5.6	=	0.15	0.5		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	4	=	0.15	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	6.5	=	0.15	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	3.8	=	0.15	0.5		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	2.2	=	0.15	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	8	=	0.15	0.5		CAL
WW65	UR2S	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	3.7	=	0.15	0.5		CAL
WW65	UR5	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	2.1	=	0.15	0.5		CAL
WW65	UR3	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	3.4	=	0.15	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	11	=	0.15	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	0.27	DNQ	0.15	0.5		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	3.6	=	0.15	0.5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	18	=	0.15	0.5		CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	4.3	=	0.15	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	13	=	0.15	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	13	=	0.15	0.5		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	3.4	=	0.15	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	16	=	0.15	0.5		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	10	=	0.15	0.5		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	8.7	=	0.15	0.5		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	4	=	0.15	0.5		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	5.2	=	0.15	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	13	=	0.15	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Copper	Total	µg/L	1	0.62	=	0.15	0.5	IP	CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	5	2.8	=	1	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	2.5	=	0.2	0.5	FDP	CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	0.8	=	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	5	1	DNQ	1	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	1.6	=	0.2	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	10	<2	ND	2	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	2.6	=	0.2	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	0.9	=	0.2	0.5	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	1.1	=	0.2	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	5	1.7	DNQ	1	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	0.7	=	0.2	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	2.5	=	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	5	1.5	DNQ	1	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	0.6	=	0.2	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	10	3.5	DNQ	2	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	1.7	=	0.2	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	1.2	=	0.2	0.5	FDP,IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	0.6	=	0.2	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	5	8.3	=	1	5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	4.3	=	0.2	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	2.5	=	0.2	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	5	2.2	DNQ	1	5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	1.9	=	0.2	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	10	<2	ND	2	10	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	0.9	DNQ	0.2	1	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	3.5	=	0.2	1	FDP,IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	5.4	=	0.2	1	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002	GB,IL	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	5	<0.0005	ND	0.0005	0.0025	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.0027	=	0.0001	0.0005		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	5	<0.0005	ND	0.0005	0.0025	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	10	<0.001	ND	0.001	0.005	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.0038	=	0.0001	0.0005		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.00254	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.00587	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.00383	DNQ	0.001	0.005	IP	PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.00788	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.00205	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.00949	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01	GB	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR3	11/29/2018	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	5.3	=	0.3	0.5		CAL
WW63	UR2S	11/29/2018	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	9.8	=	0.3	0.5		CAL
WW63	UR5	11/29/2018	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	11	=	0.3	0.5		CAL
WW64	UR2S	1/6/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	7.2	=	0.3	0.5		CAL
WW64	UR5	1/6/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	7.1	=	0.3	0.5		CAL
WW64	UR3	1/5/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	22	=	0.3	0.5		CAL
WW65	UR2S	2/2/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	4	=	0.3	0.5		CAL
WW65	UR3	2/2/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	3.3	=	0.3	0.5		CAL
WW65	UR5	2/2/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	5.8	=	0.3	0.5		CAL
DW29	UR3	5/7/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	4.2	=	0.3	0.5		CAL
DW29	UR2S	5/7/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	15	=	0.3	0.5		CAL
DW29	UR5	5/7/2019	Grab	1	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	6.6	=	0.3	0.5		CAL
WW63	UR2S	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	16.3	=	-88	-88		Field Crew
WW63	UR3	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	12.8	=	-88	-88		Field Crew
WW63	UR5	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	8.7	=	-88	-88		Field Crew
WW64	UR2S	1/6/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	10.2	=	-88	-88		Field Crew
WW64	UR3	1/5/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	11.16	=	-88	-88		Field Crew
WW64	UR5	1/6/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	7.97	=	-88	-88		Field Crew
WW65	UR2S	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	9.73	=	-88	-88		Field Crew
WW65	UR3	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	10.24	=	-88	-88		Field Crew
WW65	UR5	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	8.1	=	-88	-88		Field Crew
DW29	UR2S	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	10.68	=	-88	-88		Field Crew
DW29	UR3	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	7.72	=	-88	-88		Field Crew
DW29	UR5	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Dissolved Oxygen	None	mg/L	1	4.02	=	-88	-88		Field Crew
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	54000	=	-88	18		SRCSD
WW63	UR5	11/29/2018	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	92000	=	-88	18		SRCSD
WW63	UR2S	11/29/2018	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	54000	=	-88	18		SRCSD
WW64	UR3	1/5/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	92000	=	-88	18		SRCSD
WW65	UR3	2/2/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	2200	=	-88	18		SRCSD
WW65	UR5	2/2/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	13000	=	-88	18		SRCSD
WW64	UR2S	1/6/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	11000	=	-88	18	H	SRCSD
WW64	UR5	1/6/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	3300	=	-88	18		SRCSD
WW65	UR2S	2/2/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	2700	=	-88	18		SRCSD
DW29	UR3	5/7/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	4900	=	-88	18		SRCSD
DW29	UR2S	5/7/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	450	=	-88	18		SRCSD
DW29	UR5	5/7/2019	Grab	1	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	210	=	-88	18		SRCSD
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	97	=	10	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	120	=	10	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	36	=	10	10		CAL
WW63	UR2S	11/29/2018	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	67.7	=	-88	-88		Field Crew
WW63	UR3	11/29/2018	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	3.81	=	-88	-88		Field Crew
WW63	UR5	11/29/2018	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	122.1	=	-88	-88		Field Crew
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	58	=	10	10		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	130	=	10	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	66	=	10	10		CAL
WW64	UR2S	1/6/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	171.8	=	-88	-88		Field Crew
WW64	UR3	1/5/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	99.8	=	-88	-88		Field Crew
WW64	UR5	1/6/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	336.4	=	-88	-88		Field Crew
WW65	UR3	2/2/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	36	=	10	10		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	69	=	10	10		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	130	=	10	10		CAL
WW65	UR2S	2/2/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	52.7	=	-88	-88		Field Crew

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW65	UR3	2/2/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	158.2	=	-88	-88		Field Crew
WW65	UR5	2/2/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	143.4	=	-88	-88		Field Crew
DW29	UR3	5/8/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	490	=	10	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	640	=	10	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	650	=	10	10		CAL
DW29	UR2S	5/7/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	943.3	=	-88	-88		Field Crew
DW29	UR3	5/7/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	644.3	=	-88	-88		Field Crew
DW29	UR5	5/7/2019	Grab	1	1	FieldMeasure	Conventional	EC	None	µmhos/cm	1	717.4	=	-88	-88		Field Crew
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	5	<1	ND	1	5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	0.4	DNQ	0.2	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	0.6	DNQ	0.2	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	5	<1	ND	1	5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	0.7	DNQ	0.2	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	10	3.7	DNQ	2	10	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	1.6	=	0.2	1	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	1.3	=	0.2	1	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	1.3	=	0.2	1	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	92000	=	-88	18		SRCSD
WW63	UR5	11/29/2018	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	54000	=	-88	18		SRCSD
WW63	UR2S	11/29/2018	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	54000	=	-88	18		SRCSD
WW64	UR3	1/5/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	92000	=	-88	18		SRCSD
WW65	UR3	2/2/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	2200	=	-88	18		SRCSD
WW65	UR5	2/2/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	13000	=	-88	18		SRCSD
WW64	UR2S	1/6/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	11000	=	-88	18	H	SRCSD
WW64	UR5	1/6/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	4900	=	-88	18		SRCSD
WW65	UR2S	2/2/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	7900	=	-88	18		SRCSD
DW29	UR3	5/7/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	4900	=	-88	18		SRCSD
DW29	UR2S	5/7/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	92000	=	-88	18		SRCSD
DW29	UR5	5/7/2019	Grab	1	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	400	=	-88	18		SRCSD
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	0.4	DNQ	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	10	<2	ND	2	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002	IL	PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002	IL	PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002	GB	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002	GB	PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002	GB	PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	5	15	=	2	5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	24	=	0.5	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	4.6	=	0.5	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	5	12	=	2	5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	9.1	=	0.5	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	10	6.4	DNQ	5	10	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	2.6	=	0.5	1	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	5	13	=	2	5	D,FDP,IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	10	=	0.5	1	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	0.7	DNQ	0.5	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	0.9	DNQ	0.5	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	3.8	=	0.5	1		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	5	3.2	DNQ	2	5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	10	=	0.5	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	1.8	=	0.5	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	5	2.8	DNQ	2	5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	4.7	=	0.5	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	10	<5	ND	5	10	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	0.7	DNQ	0.5	1	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	1.8	=	0.5	1	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	3.8	=	0.5	1	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	1.9	=	0.5	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	3.5	=	0.5	1		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	5	<2	ND	2	5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	1.9	=	0.5	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	5	<2	ND	2	5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	2	=	0.5	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	10	<5	ND	5	10	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	1.2	=	0.5	1	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	1.5	=	0.5	1	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	2.4	=	0.5	1		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	5	11	=	2	5	D,IL	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1	IL	CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	3.5	=	0.5	1	IL	CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	5	11	=	2	5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	12	=	0.5	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	10	9.9	DNQ	5	10	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	1.9	=	0.5	1	IP,IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	5	14	=	2	5	D,FDP,IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	12	=	0.5	1	IL,IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	2	=	0.5	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	4.6	=	0.5	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	14	=	0.5	1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0265	=	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0398	=	0.001	0.005	IL	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0422	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.00391	DNQ	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0344	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0408	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0385	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.00299	DNQ	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.00252	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00434	DNQ	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00254	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00347	DNQ	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00507	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00581	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00613	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	38	=	1.7	5		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	36	=	1.7	5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	16	=	1.7	5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	21	=	1.7	5		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	42	=	1.7	5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	20	=	1.7	5		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	11	=	1.7	5		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	24	=	1.7	5		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	42	=	1.7	5		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	180	=	1.7	5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	190	=	1.7	5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	230	=	1.7	5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.0467	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.0141	=	0.001	0.005	IL	PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.0151	=	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.015	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.0352	=	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.14	=	0.005	0.05		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.1	=	0.005	0.05		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.06	=	0.005	0.05		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.09	=	0.005	0.05		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.07	=	0.005	0.05		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.07	=	0.005	0.05		CAL
WW65	UR2S	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.08	=	0.005	0.05		CAL
WW65	UR5	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.05	=	0.005	0.05		CAL
WW65	UR3	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.03	DNQ	0.005	0.05	IP	CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.07	=	0.005	0.05		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.07	=	0.005	0.05		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.05	=	0.005	0.05		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	2.1	=	0.005	0.05		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.37	=	0.005	0.05		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.92	=	0.005	0.05		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	1.2	=	0.005	0.05		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.42	=	0.005	0.05		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	1	=	0.005	0.05		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.72	=	0.005	0.05		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	1.1	=	0.005	0.05		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.4	=	0.005	0.05		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.15	=	0.005	0.05		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.24	=	0.005	0.05		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.12	=	0.005	0.05	IP	CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	5	<1	ND	1	2.5	D,H	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.4	DNQ	0.2	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.8	=	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	1.3	=	0.2	0.5	FDP	CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	10	<2	ND	2	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.4	DNQ	0.2	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.7	=	0.2	0.5	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.4	DNQ	0.2	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.4	DNQ	0.2	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR2S	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.88	=	0.06	0.25	IP	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.18	DNQ	0.06	0.25		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.69	=	0.06	0.25		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.42	=	0.06	0.25		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.09	DNQ	0.06	0.25		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.6	=	0.06	0.25		CAL
WW65	UR2S	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.35	=	0.06	0.25		CAL
WW65	UR5	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL
WW65	UR3	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.21	DNQ	0.06	0.25		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.24	DNQ	0.06	0.25		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	11	=	0.06	0.25		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.45	=	0.06	0.25		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	6.7	=	0.06	0.25		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	6.5	=	0.06	0.25		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.44	=	0.06	0.25		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	5.3	=	0.06	0.25		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	4.8	=	0.06	0.25		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	5.4	=	0.06	0.25		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.33	=	0.06	0.25		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.14	DNQ	0.06	0.25		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.89	=	0.06	0.25		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS
WW63	UR3	11/29/2018	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	11	=	0.2	0.5		CAL
WW63	UR2S	11/29/2018	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	14	=	0.2	0.5		CAL
WW63	UR5	11/29/2018	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	3.6	=	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	14	=	0.2	0.5		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	3.7	=	0.2	0.5		CAL
WW64	UR2S	1/6/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	6.8	=	0.2	0.5		CAL
WW64	UR5	1/6/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	2.1	=	0.2	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	14	=	0.2	0.5		CAL
WW64	UR3	1/5/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	19	=	0.2	0.5		CAL
WW65	UR2S	2/2/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	32	=	0.2	0.5		CAL
WW65	UR3	2/2/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	6.3	=	0.2	0.5		CAL
WW65	UR5	2/2/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	3.4	=	0.2	0.5		CAL
DW29	UR3	5/7/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	1.1	=	0.2	0.5		CAL
DW29	UR2S	5/7/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	4.1	=	0.2	0.5		CAL
DW29	UR5	5/7/2019	Grab	1	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	1.2	=	0.2	0.5		CAL
WW63	UR3	11/29/2018	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.09	=	0.02	0.05		CAL
WW63	UR2S	11/29/2018	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.2	=	0.02	0.05		CAL
WW63	UR5	11/29/2018	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.11	=	0.02	0.05		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.22	=	0.02	0.05		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.08	=	0.02	0.05		CAL
WW64	UR2S	1/6/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.19	=	0.02	0.05		CAL
WW64	UR5	1/6/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.08	=	0.02	0.05		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.15	=	0.02	0.05		CAL
WW64	UR3	1/5/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.18	=	0.02	0.05		CAL
WW65	UR2S	2/2/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.19	=	0.02	0.05		CAL
WW65	UR3	2/2/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.07	=	0.02	0.05		CAL
WW65	UR5	2/2/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.1	=	0.02	0.05		CAL
DW29	UR3	5/7/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.07	=	0.02	0.05		CAL
DW29	UR2S	5/7/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.48	=	0.02	0.05		CAL
DW29	UR5	5/7/2019	Grab	1	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.7	=	0.02	0.05		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01	IL	PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00279	DNQ	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.081	=	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00773	=	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.0134	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00774	=	0.001	0.005	IP	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00589	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.0204	=	0.001	0.005	IP	PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00651	=	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00299	DNQ	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00218	DNQ	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00338	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00289	DNQ	0.001	0.005	IP	PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.49	=	0.07	0.1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.44	=	0.07	0.1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.32	=	0.07	0.1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.41	=	0.07	0.1		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.28	=	0.07	0.1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.51	=	0.07	0.1		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.25	=	0.07	0.1	GB	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.33	=	0.07	0.1		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.29	=	0.07	0.1		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	5	4.2	=	0.35	0.5	D	CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.083	DNQ	0.07	0.1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.083	DNQ	0.07	0.1		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	5	<10	ND	10	25	D,H	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	5.8	DNQ	2	10		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	5	<10	ND	10	25	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	10	<20	ND	20	50	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	3.6	DNQ	2	10	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	2.8	DNQ	2	10	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	3.3	DNQ	2	10	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.0554	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.041	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.0142	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	4.36	=	-88	-88		Field Crew
WW63	UR3	11/29/2018	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	7.32	=	-88	-88		Field Crew
WW63	UR5	11/29/2018	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	5.51	=	-88	-88		Field Crew
WW64	UR2S	1/6/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.01	=	-88	-88		Field Crew

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW64	UR3	1/5/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.03	=	-88	-88		Field Crew
WW64	UR5	1/6/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.03	=	-88	-88		Field Crew
WW65	UR2S	2/2/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	7.34	=	-88	-88		Field Crew
WW65	UR3	2/2/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.05	=	-88	-88		Field Crew
WW65	UR5	2/2/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.44	=	-88	-88		Field Crew
DW29	UR2S	5/7/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.48	=	-88	-88		Field Crew
DW29	UR3	5/7/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.29	=	-88	-88		Field Crew
DW29	UR5	5/7/2019	Grab	1	1	FieldMeasure	Conventional	pH	None	std. units	1	6.29	=	-88	-88		Field Crew
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0236	=	0.001	0.005	IP	PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00399	DNQ	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0266	=	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0305	=	0.001	0.005		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.021	=	0.001	0.005	IP	PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00496	DNQ	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0318	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0221	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00448	DNQ	0.001	0.005		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00318	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00164	DNQ	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01	GB	PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.43	=	0.007	0.01		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.31	=	0.007	0.01		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.29	=	0.007	0.01		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.29	=	0.007	0.01		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.23	=	0.007	0.01		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.37	=	0.007	0.01		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.19	=	0.007	0.01		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.22	=	0.007	0.01		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.26	=	0.007	0.01		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.12	=	0.007	0.01		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.2	=	0.007	0.01		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.49	=	0.007	0.01		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0248	=	0.001	0.005		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0459	=	0.001	0.005	IL	PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.033	=	0.001	0.005		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0549	=	0.001	0.005		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.00544	=	0.001	0.005		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0561	=	0.001	0.005		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0428	=	0.001	0.005	FDP	PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.00567	=	0.001	0.005		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.00132	DNQ	0.001	0.005		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.00347	DNQ	0.001	0.005		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	110	=	2	3		CAL
WW63	UR5	11/30/2018	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	12	=	2	3		CAL
WW63	UR3	11/29/2018	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	45	=	2	3		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	50	=	2	3		CAL
WW64	UR5	1/7/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	9.4	=	2	3		CAL
WW64	UR3	1/5/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	41	=	2	3		CAL
WW65	UR3	2/2/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	37	=	2	3		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	131	=	2	3	FDP	CAL
WW65	UR5	2/2/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	15	=	2	3		CAL
DW29	UR3	5/8/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	9.5	=	2	3		CAL
DW29	UR5	5/8/2019	Integrated	1	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	3.6	=	2	3		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	10	<2	ND	2	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR2S	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	<88	NR	-88	-88		Field Crew
WW63	UR3	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	<88	NR	-88	-88		Field Crew
WW63	UR5	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	<88	NR	-88	-88		Field Crew
WW64	UR2S	1/6/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	12.6	=	-88	-88		Field Crew
WW64	UR3	1/5/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	10.9	=	-88	-88		Field Crew
WW64	UR5	1/6/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	11.85	=	-88	-88		Field Crew
WW65	UR2S	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	13.7	=	-88	-88		Field Crew
WW65	UR3	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	13.43	=	-88	-88		Field Crew
WW65	UR5	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	12.61	=	-88	-88		Field Crew
DW29	UR2S	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	20.34	=	-88	-88		Field Crew
DW29	UR3	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	19.31	=	-88	-88		Field Crew
DW29	UR5	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Temperature	None	Deg C	1	22.24	=	-88	-88		Field Crew
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004	GB	PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	5	<1	ND	1	2.5	D	CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	10	<2	ND	2	5	D	CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5	IL	CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	61	=	4	10		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	89	=	4	10		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	13	=	4	10		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	42	=	4	10		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	83	=	4	10		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	38	=	4	10		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	4	DNQ	4	10		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	32	=	4	10		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	57	=	4	10		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	250	=	4	10		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	410	=	4	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	380	=	4	10		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	2	=	0.07	0.1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.3	=	0.07	0.1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.2	=	0.07	0.1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.1	=	0.07	0.1		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.2	=	0.07	0.1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	2.4	=	0.07	0.1		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.6	=	0.07	0.1		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	0.55	=	0.07	0.1	FDP	CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.5	=	0.07	0.1		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.4	=	0.07	0.1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	2.1	=	0.07	0.1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	2	=	0.07	0.1		CAL
WW63	UR3	11/29/2018	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	6	=	0.3	0.5		CAL
WW63	UR2S	11/29/2018	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL
WW63	UR5	11/29/2018	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	15	=	0.3	0.5		CAL
WW64	UR2S	1/6/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	7.8	=	0.3	0.5		CAL
WW64	UR5	1/6/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	8.6	=	0.3	0.5		CAL
WW64	UR3	1/5/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	21	=	0.3	0.5		CAL
WW65	UR2S	2/2/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	4.4	=	0.3	0.5		CAL
WW65	UR3	2/2/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	3.5	=	0.3	0.5		CAL
WW65	UR5	2/2/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	7.3	=	0.3	0.5		CAL
DW29	UR3	5/7/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	4	=	0.3	0.5		CAL
DW29	UR2S	5/7/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	16	=	0.3	0.5		CAL
DW29	UR5	5/7/2019	Grab	1	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	8.2	=	0.3	0.5		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	106	=	2	3		CAL
WW63	UR5	11/30/2018	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	10	=	2	3		CAL
WW63	UR3	11/29/2018	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	44	=	2	3		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	39	=	2	3		CAL
WW64	UR5	1/7/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	16	=	2	3		CAL
WW64	UR3	1/5/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	37	=	2	3		CAL
WW65	UR3	2/2/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	34	=	2	3		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	52	=	2	3		CAL
WW65	UR5	2/2/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	12	=	2	3		CAL
DW29	UR3	5/8/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	8	=	2	3		CAL
DW29	UR5	5/8/2019	Integrated	1	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	3	=	2	3		CAL
WW63	UR3	11/29/2018	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.031	<35	ND	35	206		CAL
WW63	UR2S	11/29/2018	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.087	<37	ND	37	217		CAL
WW63	UR5	11/29/2018	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.042	<35	ND	35	208		CAL
WW64	UR2S	1/6/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.031	150	DNQ	35	206		CAL
WW64	UR5	1/6/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.031	<35	ND	35	206		CAL
WW64	UR3	1/5/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.099	350	=	37	220		CAL
WW65	UR2S	2/2/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.099	<37	ND	37	220		CAL

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW65	UR3	2/2/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.087	<37	ND	37	217		CAL
WW65	UR5	2/2/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1	<34	ND	34	200		CAL
DW29	UR3	5/7/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.124	<38	ND	38	225		CAL
DW29	UR2S	5/7/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.042	<35	ND	35	208		CAL
DW29	UR5	5/7/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Diesel	None	µg/L	1.042	<35	ND	35	208		CAL
WW63	UR3	11/29/2018	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.031	<68	ND	68	516		CAL
WW63	UR2S	11/29/2018	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.087	<72	ND	72	544		CAL
WW63	UR5	11/29/2018	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.042	<69	ND	69	521		CAL
WW64	UR2S	1/6/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.031	570	=	68	516		CAL
WW64	UR5	1/6/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.031	<68	ND	68	516		CAL
WW64	UR3	1/5/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.099	1300	=	73	550		CAL
WW65	UR2S	2/2/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.099	<73	ND	73	550		CAL
WW65	UR3	2/2/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.087	<72	ND	72	544		CAL
WW65	UR5	2/2/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1	<66	ND	66	500		CAL
DW29	UR3	5/7/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.124	<74	ND	74	562		CAL
DW29	UR2S	5/7/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.042	<69	ND	69	521		CAL
DW29	UR5	5/7/2019	Grab	1	1	EPA 8015M	Petroleum Hydrocarbons	TPH - Motor Oil	None	µg/L	1.042	<69	ND	69	521		CAL
WW63	UR3	11/29/2018	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW63	UR2S	11/29/2018	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW63	UR5	11/29/2018	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW64	UR2S	1/6/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW64	UR5	1/6/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW64	UR3	1/5/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW65	UR2S	2/2/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW65	UR3	2/2/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW65	UR5	2/2/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
DW29	UR3	5/7/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
DW29	UR2S	5/7/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
DW29	UR5	5/7/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL
WW63	UR3	11/29/2018	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW63	UR2S	11/29/2018	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW63	UR5	11/29/2018	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW64	UR2S	1/6/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW64	UR5	1/6/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW64	UR3	1/5/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW65	UR2S	2/2/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW65	UR3	2/2/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW65	UR5	2/2/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
DW29	UR3	5/7/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
DW29	UR2S	5/7/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
DW29	UR5	5/7/2019	Grab	1	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR5	11/30/2018	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR3	11/29/2018	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR3	1/5/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW64	UR5	1/7/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR3	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW65	UR5	2/2/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR3	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
DW29	UR5	5/8/2019	Integrated	1	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	2	45	=	0.14	0.14	D	CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	9.3	=	0.07	0.07		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	24	=	0.07	0.07		CAL
WW63	UR2S	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	49	=	-88	-88		Field Crew
WW63	UR3	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	30	=	-88	-88		Field Crew
WW63	UR5	11/29/2018	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	<88	NR	-88	-88		Field Crew
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	33	=	0.07	0.07		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	12	=	0.07	0.07		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	37	=	0.07	0.07		CAL
WW64	UR2S	1/6/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	138	=	-88	-88		Field Crew
WW64	UR3	1/5/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	43.3	=	-88	-88		Field Crew
WW64	UR5	1/6/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	92	=	-88	-88		Field Crew

EventID	Station	SampleDate	SampleType	Replicate	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQualCode	MDL	RL	QACode	LabName
WW65	UR3	2/2/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	21	=	0.07	0.07		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	32	=	0.07	0.07		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	9.2	=	0.07	0.07		CAL
WW65	UR2S	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	40.1	=	-88	-88		Field Crew
WW65	UR3	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	16.9	=	-88	-88		Field Crew
WW65	UR5	2/2/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	19.1	=	-88	-88		Field Crew
DW29	UR3	5/8/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	0.15	=	0.07	0.07	IL	CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	6.1	=	0.07	0.07		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	1.8	=	0.07	0.07		CAL
DW29	UR2S	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	4.72	=	-88	-88		Field Crew
DW29	UR3	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	10.5	=	-88	-88		Field Crew
DW29	UR5	5/7/2019	Grab	1	1	FieldMeasure	Conventional	Turbidity	None	NTU	1	9.19	=	-88	-88		Field Crew
WW63	UR2S	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	29	=	0.7	1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	19	=	0.7	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	46	=	0.7	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	23	=	0.7	1		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	14	=	0.7	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	63	=	0.7	1		CAL
WW65	UR2S	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	22	=	0.7	1		CAL
WW65	UR5	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	12	=	0.7	1		CAL
WW65	UR3	2/3/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	31	=	0.7	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	7.5	DNQ	0.7	10		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	1	DNQ	0.7	10		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	10	=	0.7	10		CAL
WW63	UR2S	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	110	=	0.7	1		CAL
WW63	UR5	11/30/2018	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	27	=	0.7	1		CAL
WW63	UR3	11/29/2018	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	97	=	0.7	1		CAL
WW64	UR2S	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	66	=	0.7	1		CAL
WW64	UR5	1/7/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	22	=	0.7	1		CAL
WW64	UR3	1/5/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	120	=	0.7	1		CAL
WW65	UR3	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	85	=	0.7	1		CAL
WW65	UR2S	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	59	=	0.7	1		CAL
WW65	UR5	2/2/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	25	=	0.7	1		CAL
DW29	UR3	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	11	=	0.7	1		CAL
DW29	UR2S	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	18	=	0.7	1		CAL
DW29	UR5	5/8/2019	Integrated	1	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	2.2	=	0.7	1		CAL

Appendix D

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.32	=	0.001	0.005		PHYSIS	64		49	117
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.349	=	0.001	0.005		PHYSIS	70	9	49	117
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.0012	DNQ	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.493	=	0.001	0.005		PHYSIS	99		49	117
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.461	=	0.001	0.005		PHYSIS	92	7	49	117
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.0033	DNQ	0.001	0.005		PHYSIS		13		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.353	=	0.001	0.005		PHYSIS	64		39	104
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.394	=	0.001	0.005		PHYSIS	72	12	39	104
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.381	=	0.001	0.005		PHYSIS	76		49	117
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.326	=	0.001	0.005		PHYSIS	65	16	49	117
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.372	=	0.001	0.005		PHYSIS	73		39	104
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.362	=	0.001	0.005		PHYSIS	71	3	39	104
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00281	DNQ	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.0073	=	0.001	0.005		PHYSIS		7		
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.485	=	0.001	0.005		PHYSIS	97		49	117
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.465	=	0.001	0.005		PHYSIS	93	4	49	117
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00312	DNQ	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.00271	DNQ	0.001	0.005		PHYSIS		15		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.413	=	0.001	0.005		PHYSIS	75	10	39	104
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.373	=	0.001	0.005		PHYSIS	68		39	104
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.422	=	0.001	0.005		PHYSIS	84		49	117
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.408	=	0.001	0.005		PHYSIS	82	2	49	117
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.422	=	0.001	0.005		PHYSIS	76		39	104
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	0.418	=	0.001	0.005		PHYSIS	74	3	39	104
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	1-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.573	=	0.001	0.005		PHYSIS	115	3	66	127
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.59	=	0.001	0.005		PHYSIS	118		66	127
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.494	=	0.001	0.005		PHYSIS	99		66	127
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95	4	66	127
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.564	=	0.001	0.005		PHYSIS	103	1	62	136
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.563	=	0.001	0.005		PHYSIS	102		62	136
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00576	=	0.001	0.005		PHYSIS		2		
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.41	=	0.001	0.005		PHYSIS	82		66	127
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.514	=	0.001	0.005		PHYSIS	102	0	62	136
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.443	=	0.001	0.005		PHYSIS	89	8	66	127
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00666	=	0.001	0.005		PHYSIS		50		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.515	=	0.001	0.005		PHYSIS	102		62	136
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.585	=	0.001	0.005		PHYSIS	117		66	127
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.581	=	0.001	0.005		PHYSIS	116	1	66	127
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.00418	DNQ	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.67	=	0.001	0.005		PHYSIS	123		62	136
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.673	=	0.001	0.005		PHYSIS	124	1	62	136
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.5	=	0.001	0.005		PHYSIS	100		66	127
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.487	=	0.001	0.005		PHYSIS	97	3	66	127
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.565	=	0.001	0.005		PHYSIS	102		62	136
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	0.598	=	0.001	0.005		PHYSIS	106	4	62	136

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	1-Methylphenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.448	=	0.001	0.005		PHYSIS	90	2	57	120
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.442	=	0.001	0.005		PHYSIS	88		57	120
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.477	=	0.001	0.005		PHYSIS	95		57	120
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.451	=	0.001	0.005		PHYSIS	90	5	57	120
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.472	=	0.001	0.005		PHYSIS	87		47	132
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.504	=	0.001	0.005		PHYSIS	93	7	47	132
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.418	=	0.001	0.005		PHYSIS	84		57	120
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.361	=	0.001	0.005		PHYSIS	72	15	57	120
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.445	=	0.001	0.005		PHYSIS	89	1	47	132
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.451	=	0.001	0.005		PHYSIS	90		47	132
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.469	=	0.001	0.005		PHYSIS	94	5	57	120
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.497	=	0.001	0.005		PHYSIS	99		57	120
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.475	=	0.001	0.005		PHYSIS	87		47	132
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.515	=	0.001	0.005		PHYSIS	95	9	47	132
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.434	=	0.001	0.005		PHYSIS	87		57	120
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.424	=	0.001	0.005		PHYSIS	85	2	57	120
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.479	=	0.001	0.005		PHYSIS	86		47	132
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	0.492	=	0.001	0.005		PHYSIS	88	2	47	132
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	2,3,5-Trimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.4	=	0.001	0.005		PHYSIS	80	4	54	117
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.383	=	0.001	0.005		PHYSIS	77		54	117
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95		54	117
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.4	=	0.001	0.005		PHYSIS	73		37	118
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.00253	DNQ	0.001	0.005		PHYSIS		1		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.447	=	0.001	0.005		PHYSIS	82	12	37	118
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.459	=	0.001	0.005		PHYSIS	92	3	54	117
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.383	=	0.001	0.005		PHYSIS	77	1	54	117
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.0035	DNQ	0.001	0.005		PHYSIS		7		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.404	=	0.001	0.005		PHYSIS	80		37	118
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.0011	DNQ	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.39	=	0.001	0.005		PHYSIS	78		54	117
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.395	=	0.001	0.005		PHYSIS	78	3	37	118
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.472	=	0.001	0.005		PHYSIS	94		54	117
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.451	=	0.001	0.005		PHYSIS	90	4	54	117
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.411	=	0.001	0.005		PHYSIS	76		37	118
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.447	=	0.001	0.005		PHYSIS	82	8	37	118
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.426	=	0.001	0.005		PHYSIS	85		54	117
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.415	=	0.001	0.005		PHYSIS	83	2	54	117
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.446	=	0.001	0.005		PHYSIS	80		37	118

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	0.446	=	0.001	0.005		PHYSIS	79	1	37	118
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	2,6-Dimethylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.352	=	0.001	0.005		PHYSIS	70	6	47	130
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.329	=	0.001	0.005		PHYSIS	66		47	130
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.0023	DNQ	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.47	=	0.001	0.005		PHYSIS	94	5	47	130
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00573	=	0.001	0.005		PHYSIS		20		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.35	=	0.001	0.005		PHYSIS	63		33	113
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.399	=	0.001	0.005		PHYSIS	72	13	33	113
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.495	=	0.001	0.005		PHYSIS	99		47	130
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.314	=	0.001	0.005		PHYSIS	63	13	47	130
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.362	=	0.001	0.005		PHYSIS	72		47	130
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.372	=	0.001	0.005		PHYSIS	72		33	113
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.0107	=	0.001	0.005		PHYSIS		8		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.359	=	0.001	0.005		PHYSIS	70	3	33	113
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00108	DNQ	0.001	0.005	IP	PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00414	DNQ	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95		47	130
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.461	=	0.001	0.005		PHYSIS	92	3	47	130
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00679	=	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.412	=	0.001	0.005		PHYSIS	75	10	33	113
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00423	DNQ	0.001	0.005		PHYSIS		38		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.377	=	0.001	0.005		PHYSIS	68		33	113
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.42	=	0.001	0.005		PHYSIS	84		47	130
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.402	=	0.001	0.005		PHYSIS	80	5	47	130
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00134	DNQ	0.001	0.005		PHYSIS		29		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.419	=	0.001	0.005		PHYSIS	75		33	113
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.419	=	0.001	0.005		PHYSIS	75	0	33	113
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	2-Methylnaphthalene	None	µg/L	1	0.00106	DNQ	0.001	0.005	IP	PHYSIS				
WW63	UR3	11/29/2018	Grab	1	T111164-4167	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	90	=	-88	-88		CAL	90		70	130
WW63	UR2S	11/29/2018	Grab	1	T111164-4167	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	91	=	-88	-88		CAL	91		70	130
WW63	UR5	11/29/2018	Grab	1	T111164-4167	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	91	=	-88	-88		CAL	91		70	130
WW63	UR5	11/29/2018	Grab	2	T111164-4167	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	92	=	-88	-88		CAL	92		70	130
WW63	LABQA	1/1/1950	LabBlank	1	T111164-4167	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	95	=	-88	-88		CAL	95		70	130
WW63	LABQA	1/1/1950	LCS	1	T111164-4167	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	98	=	-88	-88		CAL	98		70	130
WW63	LABQA	1/1/1950	LCS	1	T111164-4167	2	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	99	=	-88	-88		CAL	99	0.5	70	130
WW64	UR2S	1/6/2019	Grab	1	U010229-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	95	=	-88	-88		CAL	95		70	130
WW64	UR5	1/6/2019	Grab	1	U010229-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	94	=	-88	-88		CAL	94		70	130
WW64	UR5	1/6/2019	Grab	2	U010229-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	93	=	-88	-88		CAL	93		70	130
WW64	LABQA	1/1/1950	LabBlank	1	U010229-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	93	=	-88	-88		CAL	93		70	130
WW64	LABQA	1/1/1950	LCS	1	U010229-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	102	=	-88	-88		CAL	102		70	130
WW64	LABQA	1/1/1950	LCS	1	U010229-4196	2	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	101	=	-88	-88		CAL	101	1.2	70	130
WW64	UR3	1/5/2019	Grab	1	U010210-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	94	=	-88	-88		CAL	94		70	130
WW64	LABQA	1/1/1950	LabBlank	1	U010210-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	93	=	-88	-88		CAL	93		70	130
WW64	LABQA	1/1/1950	LCS	1	U010210-4196	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	102	=	-88	-88		CAL	102		70	130
WW64	LABQA	1/1/1950	LCS	1	U010210-4196	2	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	101	=	-88	-88		CAL	101	1.2	70	130
WW65	UR2S	2/2/2019	Grab	1	U020085-4214	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	104	=	-88	-88		CAL	104		70	130
WW65	UR2S	2/2/2019	Grab	2	U020085-4214	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	101	=	-88	-88		CAL	101		70	130
WW65	UR3	2/2/2019	Grab	1	U020085-4214	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	99	=	-88	-88		CAL	99		70	130
WW65	UR5	2/2/2019	Grab	1	U020085-4214	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	99	=	-88	-88		CAL	99		70	130
WW65	LABQA	1/1/1950	LabBlank	1	U020085-4214	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	101	=	-88	-88		CAL	101		70	130
WW65	LABQA	1/1/1950	LCS	1	U020085-4214	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	104	=	-88	-88		CAL	104		70	130
WW65	LABQA	1/1/1950	LCS	1	U020085-4214	2	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	108	=	-88	-88		CAL	108	3.4	70	130
DW29	UR3	5/7/2019	Grab	1	U050327-4300	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	85	=	-88	-88		CAL	85		70	130
DW29	UR2S	5/7/2019	Grab	1	U050327-4300	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	78	=	-88	-88		CAL	78		70	130
DW29	UR5	5/7/2019	Grab	1	U050327-4300	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	85	=	-88	-88		CAL	85		70	130
DW29	UR3	5/7/2019	Grab	1	U050327-4300	2	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	80	=	-88	-88		CAL	80	6	70	130
DW29	LABQA	1/1/1950	LabBlank	1	U050327-4300	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	81	=	-88	-88		CAL	81		70	130
DW29	LABQA	1/1/1950	LCS	1	U050327-4300	1	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	94	=	-88	-88		CAL	94		70	130
DW29	LABQA	1/1/1950	LCS	1	U050327-4300	2	EPA 5030B/8260B	Surrogate	4-Bromofluorobenzene(Surrogate)	None	%	1	91	=	-88	-88		CAL	91	2.4	70	130

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.389	=	0.001	0.005		PHYSIS	78		53	131
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.411	=	0.001	0.005		PHYSIS	82	5	53	131
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.0166	=	0.001	0.005	IP	PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.465	=	0.001	0.005		PHYSIS	93	6	53	131
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.427	=	0.001	0.005		PHYSIS	78		51	116
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.496	=	0.001	0.005		PHYSIS	99		53	131
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.464	=	0.001	0.005		PHYSIS	85	9	51	116
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.336	=	0.001	0.005		PHYSIS	67		53	131
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.335	=	0.001	0.005		PHYSIS	67	0	53	131
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.422	=	0.001	0.005		PHYSIS	83	2	51	116
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00644	=	0.001	0.005		PHYSIS		10		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.0135	=	0.001	0.005	IP	PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00812	=	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.43	=	0.001	0.005		PHYSIS	85		51	116
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.516	=	0.001	0.005		PHYSIS	103		53	131
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95	8	53	131
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.00488	DNQ	0.001	0.005	IP	PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.437	=	0.001	0.005		PHYSIS	80		51	116
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.471	=	0.001	0.005		PHYSIS	87	8	51	116
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.439	=	0.001	0.005		PHYSIS	88		53	131
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.425	=	0.001	0.005		PHYSIS	85	3	53	131
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.0012	DNQ	0.001	0.005		PHYSIS		6		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.45	=	0.001	0.005		PHYSIS	81		51	116
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Acenaphthene	None	µg/L	1	0.451	=	0.001	0.005		PHYSIS	80	1	51	116
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Acenaphthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	75	=	-88	-88		PHYSIS	75		65	113
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86	1	65	113
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85		65	113
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		45	118
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		45	118
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		45	118
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		45	118
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90	7	65	113
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89		65	113
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	72	=	-88	-88		PHYSIS	72		45	118
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	81	=	-88	-88		PHYSIS	81		45	118
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	84	=	-88	-88		PHYSIS	84	4	45	118
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		65	113
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80	11	45	118
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	109	=	-88	-88		PHYSIS	109		65	113
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	65	=	-88	-88		PHYSIS	65		65	113
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85	25	65	113
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		45	118
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99	4	45	118
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103	0	45	118
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		45	118
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		45	118
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		45	118
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103		45	118
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		45	118
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	6	45	118
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		45	118
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		45	118
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90	0	45	118
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	81	=	-88	-88		PHYSIS	81		65	113
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	106	=	-88	-88		PHYSIS	106		65	113
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	8	65	113
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	88	=	-88	-88		PHYSIS	88		45	118

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		45	118
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	81	=	-88	-88		PHYSIS	81		45	118
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		45	118
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		65	113
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		65	113
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92	2	65	113
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		45	118
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86	6	45	118
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	88	=	-88	-88		PHYSIS	88		45	118
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	1	45	118
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85		45	118
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		45	118
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	Acenaphthene-d10 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87		45	118
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.414	=	0.001	0.005		PHYSIS	83	4	43	140
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.398	=	0.001	0.005		PHYSIS	80		43	140
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.452	=	0.001	0.005		PHYSIS	90	4	43	140
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.469	=	0.001	0.005		PHYSIS	94		43	140
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.426	=	0.001	0.005		PHYSIS	78		53	127
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.473	=	0.001	0.005		PHYSIS	87	11	53	127
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00176	DNQ	0.001	0.005		PHYSIS		26		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.401	=	0.001	0.005		PHYSIS	80	2	53	127
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.396	=	0.001	0.005		PHYSIS	79	3	43	140
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.387	=	0.001	0.005		PHYSIS	77		43	140
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.412	=	0.001	0.005		PHYSIS	82		53	127
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00123	DNQ	0.001	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.00343	DNQ	0.001	0.005		PHYSIS		3		
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.471	=	0.001	0.005		PHYSIS	94		43	140
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.45	=	0.001	0.005		PHYSIS	90	4	43	140
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.462	=	0.001	0.005		PHYSIS	85	9	53	127
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.422	=	0.001	0.005		PHYSIS	78		53	127
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.421	=	0.001	0.005		PHYSIS	84		43	140
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.409	=	0.001	0.005		PHYSIS	82	2	43	140
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.447	=	0.001	0.005		PHYSIS	80		53	127
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	0.458	=	0.001	0.005		PHYSIS	81	1	53	127
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Acenaphthylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	T111212-3111	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	37	=	1.2	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-3111	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-3111	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-3110	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-3110	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW64	UR5	1/7/2019	Integrated	2	U010275-3122	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	47	=	1.2	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-3122	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-3122	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-3122	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-3122	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-3135	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	23	=	1.2	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-3135	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-3135	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	95	=	1.3	10		CAL	95		80	120
DW29	UR3	5/8/2019	Integrated	1	U050419-3174	2	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	169	=	1.2	10		CAL		4		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-3174	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-3174	1	SM 2320 B	Conventional	Alkalinity as CaCO3	Total	mg/L	1	95	=	1.3	10		CAL	95		80	120
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	14	=	0.1	0.5		CAL	71		30	130

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	15	=	0.1	0.5		CAL	75	5.5	30	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	16	=	0.1	0.5		CAL	79		30	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	18	=	0.1	0.5		CAL	92	15	30	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	17	=	0.1	0.5		CAL	86		21	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	17	=	0.1	0.5		CAL	84	2.9	21	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	15	=	0.1	0.5		CAL	74		30	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	19	=	0.1	0.5		CAL	93	23	30	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	15	=	0.1	0.5		CAL	74		30	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	19	=	0.1	0.5		CAL	93	23	30	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	10	23	=	1	5	D	CAL	115		21	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	10	19	=	1	5	D	CAL	96	18	21	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	11	=	0.1	0.5		CAL	54		30	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	16	=	0.1	0.5	IL	CAL	78	36	30	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	12	=	0.1	0.5		CAL	60		21	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	11	=	0.1	0.5		CAL	57	5.1	21	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	12	=	0.1	0.5		CAL	61		30	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	12	=	0.1	0.5		CAL	58	5	30	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	11	=	0.1	0.5		CAL	55		21	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Allethrin	None	ng/L	1	11	=	0.1	0.5		CAL	56	1.8	21	130
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.461	=	0.001	0.005		PHYSIS	92	2	58	135
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.468	=	0.001	0.005		PHYSIS	94		58	135
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.455	=	0.001	0.005		PHYSIS	91	4	58	135
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95		58	135
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.518	=	0.001	0.005		PHYSIS	94		60	126
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.0042	DNQ	0.001	0.005		PHYSIS		5		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.512	=	0.001	0.005		PHYSIS	93	1	60	126
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00539	=	0.001	0.005		PHYSIS		9		
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.426	=	0.001	0.005		PHYSIS	85	2	58	135
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.413	=	0.001	0.005		PHYSIS	83		58	135
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.474	=	0.001	0.005		PHYSIS	94		60	126
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.475	=	0.001	0.005		PHYSIS	94	0	60	126
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.502	=	0.001	0.005		PHYSIS	100		58	135
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.513	=	0.001	0.005		PHYSIS	103	3	58	135
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.00195	DNQ	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.541	=	0.001	0.005		PHYSIS	99		60	126
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.538	=	0.001	0.005		PHYSIS	99	0	60	126
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.486	=	0.001	0.005		PHYSIS	97		58	135
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.471	=	0.001	0.005		PHYSIS	94	3	58	135
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Anthracene	None	µg/L	1	0.511	=	0.001	0.005		PHYSIS	92		60	126
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Anthracene	None	µg/L	1	0.542	=	0.001	0.005		PHYSIS	96	4	60	126
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.647	=	0.001	0.005		PHYSIS	129	2	55	145
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.659	=	0.001	0.005		PHYSIS	132		55	145
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.696	=	0.001	0.005		PHYSIS	122		51	165
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.533	=	0.001	0.005		PHYSIS	107		55	145
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.524	=	0.001	0.005		PHYSIS	105	2	55	145
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.0378	=	0.001	0.005	IL	PHYSIS		49		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.696	=	0.001	0.005		PHYSIS	122	0	51	165
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.311	=	0.001	0.005		PHYSIS	62		55	145
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.339	=	0.001	0.005		PHYSIS	68	9	55	145
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.668	=	0.001	0.005		PHYSIS	130		51	165
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.0216	=	0.001	0.005		PHYSIS		19		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.758	=	0.001	0.005		PHYSIS	148	13	51	165
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.614	=	0.001	0.005		PHYSIS	123		55	145
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.604	=	0.001	0.005		PHYSIS	121	2	55	145
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.0051	=	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.771	=	0.001	0.005		PHYSIS	142	1	51	165
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.76	=	0.001	0.005		PHYSIS	140		51	165
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.48	=	0.001	0.005		PHYSIS	96		55	145
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.47	=	0.001	0.005		PHYSIS	94	2	55	145
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.637	=	0.001	0.005		PHYSIS	115		51	165
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	0.673	=	0.001	0.005		PHYSIS	120	4	51	165
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Benz(a)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.471	=	0.001	0.005		PHYSIS	94		51	143
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.469	=	0.001	0.005		PHYSIS	94	0	51	143
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.496	=	0.001	0.005		PHYSIS	99	5	51	143
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.518	=	0.001	0.005		PHYSIS	104		51	143
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.468	=	0.001	0.005		PHYSIS	83	8	24	170
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.437	=	0.001	0.005		PHYSIS	77		24	170
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0226	=	0.001	0.005	IL	PHYSIS		72		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.482	=	0.001	0.005		PHYSIS	94	1	24	170
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.37	=	0.001	0.005		PHYSIS	74		51	143
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.452	=	0.001	0.005		PHYSIS	90	20	51	143
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.479	=	0.001	0.005		PHYSIS	93		24	170
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.0141	=	0.001	0.005		PHYSIS		24		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.503	=	0.001	0.005		PHYSIS	101	1	51	143
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.51	=	0.001	0.005		PHYSIS	102		51	143
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.00975	=	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.567	=	0.001	0.005		PHYSIS	104	6	24	170
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.599	=	0.001	0.005		PHYSIS	110		24	170
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.472	=	0.001	0.005		PHYSIS	94		51	143
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.463	=	0.001	0.005		PHYSIS	93	1	51	143
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.541	=	0.001	0.005		PHYSIS	97		24	170
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	0.569	=	0.001	0.005		PHYSIS	101	4	24	170
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Benzo(a)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.559	=	0.001	0.005		PHYSIS	112	2	46	165
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.571	=	0.001	0.005		PHYSIS	114		46	165
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.406	=	0.001	0.005		PHYSIS	81	0	46	165
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.403	=	0.001	0.005		PHYSIS	81		46	165
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.721	=	0.001	0.005		PHYSIS	125	6	38	158
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0529	=	0.001	0.005	IL	PHYSIS		63		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.683	=	0.001	0.005		PHYSIS	118		38	158
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.294	=	0.001	0.005		PHYSIS	59	13	46	165
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.262	=	0.001	0.005		PHYSIS	52		46	165
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.566	=	0.001	0.005		PHYSIS	108		38	158
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.587	=	0.001	0.005		PHYSIS	112	4	38	158
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0267	=	0.001	0.005		PHYSIS		11		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.00113	DNQ	0.001	0.005	IP	PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.00161	DNQ	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.512	=	0.001	0.005		PHYSIS	102		46	165
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.515	=	0.001	0.005		PHYSIS	103	1	46	165
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.716	=	0.001	0.005		PHYSIS	132		38	158
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.71	=	0.001	0.005		PHYSIS	131	1	38	158
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.0205	=	0.001	0.005	FDP	PHYSIS		49.3		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.44	=	0.001	0.005		PHYSIS	88		46	165
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.424	=	0.001	0.005		PHYSIS	85	3	46	165
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.573	=	0.001	0.005		PHYSIS	103		38	158
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	0.617	=	0.001	0.005		PHYSIS	110	7	38	158
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Benzo(b)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.521	=	0.001	0.005		PHYSIS	104	3	42	152
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.536	=	0.001	0.005		PHYSIS	107		42	152
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.441	=	0.001	0.005		PHYSIS	88		42	152
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.408	=	0.001	0.005		PHYSIS	82	7	42	152
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.619	=	0.001	0.005		PHYSIS	109	1	26	157
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.038	=	0.001	0.005	IL	PHYSIS		90		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.616	=	0.001	0.005		PHYSIS	108		26	157
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.335	=	0.001	0.005		PHYSIS	67	8	42	152
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.311	=	0.001	0.005		PHYSIS	62		42	152
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.48	=	0.001	0.005		PHYSIS	90		26	157
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.49	=	0.001	0.005		PHYSIS	92	2	26	157
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.00192	DNQ	0.001	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.029	=	0.001	0.005		PHYSIS		7		
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.48	=	0.001	0.005		PHYSIS	96		42	152
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.498	=	0.001	0.005		PHYSIS	100	4	42	152
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.0194	=	0.001	0.005	FDP	PHYSIS		31		
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.64	=	0.001	0.005		PHYSIS	118		26	157
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.613	=	0.001	0.005		PHYSIS	113	4	26	157
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.445	=	0.001	0.005		PHYSIS	89		42	152
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.432	=	0.001	0.005		PHYSIS	86	3	42	152
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.558	=	0.001	0.005		PHYSIS	100		26	157
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	0.586	=	0.001	0.005		PHYSIS	104	4	26	157
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Benzo(e)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.472	=	0.001	0.005		PHYSIS	94	1	63	133
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.473	=	0.001	0.005		PHYSIS	95		63	133
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.453	=	0.001	0.005		PHYSIS	91	3	63	133
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0377	=	0.001	0.005	IL	PHYSIS		84		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.523	=	0.001	0.005		PHYSIS	91	10	57	133
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.474	=	0.001	0.005		PHYSIS	82		57	133
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.468	=	0.001	0.005		PHYSIS	94		63	133
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.397	=	0.001	0.005		PHYSIS	79		63	133
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.406	=	0.001	0.005		PHYSIS	81	2	63	133
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.493	=	0.001	0.005		PHYSIS	91	3	57	133
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.478	=	0.001	0.005		PHYSIS	88		57	133
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0381	=	0.001	0.005		PHYSIS		5		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.00473	DNQ	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.503	=	0.001	0.005		PHYSIS	101		63	133
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.508	=	0.001	0.005		PHYSIS	102	1	63	133
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.0229	=	0.001	0.005	FDP	PHYSIS		40		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.543	=	0.001	0.005		PHYSIS	100		57	133
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.563	=	0.001	0.005		PHYSIS	103	3	57	133
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95		63	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.466	=	0.001	0.005		PHYSIS	93	2	63	133
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.531	=	0.001	0.005		PHYSIS	96		57	133
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	0.57	=	0.001	0.005		PHYSIS	101	5	57	133
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Benzo(g,h,i)perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.484	=	0.001	0.005		PHYSIS	97	3	56	145
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.502	=	0.001	0.005		PHYSIS	100		56	145
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.459	=	0.001	0.005		PHYSIS	92		56	145
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.406	=	0.001	0.005		PHYSIS	81	13	56	145
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.527	=	0.001	0.005		PHYSIS	92	4	27	167
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0401	=	0.001	0.005	IL	PHYSIS		74		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.551	=	0.001	0.005		PHYSIS	96		27	167
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.368	=	0.001	0.005		PHYSIS	74		56	145
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.394	=	0.001	0.005		PHYSIS	79	7	56	145
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.528	=	0.001	0.005		PHYSIS	103	4	27	167
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.511	=	0.001	0.005		PHYSIS	99		27	167
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0158	=	0.001	0.005		PHYSIS		10		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.00111	DNQ	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.499	=	0.001	0.005		PHYSIS	100		56	145
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.52	=	0.001	0.005		PHYSIS	104	4	56	145
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.0111	=	0.001	0.005	FDP	PHYSIS		75		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.66	=	0.001	0.005		PHYSIS	121		27	167
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.635	=	0.001	0.005		PHYSIS	117	3	27	167
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.483	=	0.001	0.005		PHYSIS	97		56	145
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.467	=	0.001	0.005		PHYSIS	93	4	56	145
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.577	=	0.001	0.005		PHYSIS	104		27	167
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	0.611	=	0.001	0.005		PHYSIS	109	5	27	167
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Benzo(k)fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR5	11/30/2018	Integrated	2	T111212-3111	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	37	=	1.2	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-3111	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-3111	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-3110	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-3110	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW64	UR5	1/7/2019	Integrated	2	U010275-3122	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	47	=	1.2	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-3122	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-3122	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-3122	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-3122	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	96	=	1.3	10		CAL	96		80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-3135	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	23	=	1.2	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-3135	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-3135	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	95	=	1.3	10		CAL	95		80	120
DW29	UR3	5/8/2019	Integrated	1	U050419-3174	2	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	169	=	1.2	10		CAL		4		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-3174	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-3174	1	SM 2320 B	Conventional	Bicarbonate as CaCO3	Total	mg/L	1	95	=	1.3	10		CAL	95		80	120
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	13	=	0.1	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	18	=	0.1	0.5		CAL	89		44	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	18	=	0.1	0.5		CAL	92	3.3	44	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	17	=	0.1	0.5		CAL	85		44	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	20	=	0.1	0.5		CAL	98	14	44	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	30	=	0.1	0.5		CAL	78		29	139
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	32	=	0.1	0.5		CAL	93	9.7	29	139
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	21	=	0.1	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	18	=	0.1	0.5		CAL	93		44	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	21	=	0.1	0.5		CAL	107	14	44	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	18	=	0.1	0.5		CAL	93		44	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	21	=	0.1	0.5		CAL	107	14	44	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	10	30	=	1	5	D	CAL	76		29	139
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	10	28	=	1	5	D	CAL	67	5.8	29	139
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	8.8	=	0.1	0.5	FDP	CAL		58		
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	13	=	0.1	0.5		CAL	65		44	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	20	=	0.1	0.5	IL	CAL	99	42	44	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	26	=	0.1	0.5		CAL	79		29	139
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	26	=	0.1	0.5		CAL	78	0.8	29	139
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	<0.1	ND	0.1	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	13	=	0.1	0.5		CAL	65		44	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	13	=	0.1	0.5		CAL	66	0.8	44	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	12	=	0.1	0.5		CAL	58		29	139
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Bifenthrin	None	ng/L	1	12	=	0.1	0.5		CAL	55	4.9	29	139
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.391	=	0.001	0.005		PHYSIS	78	5	56	119
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.371	=	0.001	0.005		PHYSIS	74		56	119
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00156	DNQ	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.499	=	0.001	0.005		PHYSIS	100		56	119
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.479	=	0.001	0.005		PHYSIS	96	4	56	119
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.421	=	0.001	0.005		PHYSIS	77	10	41	111
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.385	=	0.001	0.005		PHYSIS	70		41	111
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00242	DNQ	0.001	0.005		PHYSIS		2		
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.415	=	0.001	0.005		PHYSIS	83		56	119
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.388	=	0.001	0.005		PHYSIS	77		41	111
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00524	=	0.001	0.005		PHYSIS		11		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.381	=	0.001	0.005		PHYSIS	75	3	41	111

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00165	DNQ	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.398	=	0.001	0.005		PHYSIS	80	4	56	119
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.474	=	0.001	0.005		PHYSIS	95	5	56	119
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.498	=	0.001	0.005		PHYSIS	100		56	119
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.00257	DNQ	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.436	=	0.001	0.005		PHYSIS	80	8	41	111
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.404	=	0.001	0.005		PHYSIS	74		41	111
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.439	=	0.001	0.005		PHYSIS	88		56	119
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.425	=	0.001	0.005		PHYSIS	85	3	56	119
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.001	DNQ	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.445	=	0.001	0.005		PHYSIS	80		41	111
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Biphenyl	None	µg/L	1	0.444	=	0.001	0.005		PHYSIS	79	1	41	111
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Biphenyl	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	T111212-11468	1	SM 5210 B	Conventional	BOD	None	mg/L	1	7	=	5	5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-11468	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-11468	1	SM 5210 B	Conventional	BOD	None	mg/L	1	172	=	5	5		CAL	87		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111178-11462	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-11462	1	SM 5210 B	Conventional	BOD	None	mg/L	1	171	=	5	5		CAL	86		85	115
WW64	UR5	1/7/2019	Integrated	2	U010275-11542	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-11542	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-11542	1	SM 5210 B	Conventional	BOD	None	mg/L	1	186	=	5	5		CAL	94		85	115
WW64	LABQA	1/1/1950	LabBlank	1	U010259-11541	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-11541	1	SM 5210 B	Conventional	BOD	None	mg/L	1	174	=	5	5		CAL	88		85	115
WW65	UR2S	2/2/2019	Integrated	2	U020098-11596	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-11596	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-11596	1	SM 5210 B	Conventional	BOD	None	mg/L	1	182	=	5	5		CAL	92		85	115
DW29	UR3	5/8/2019	Integrated	1	U050419-11783	2	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-11783	1	SM 5210 B	Conventional	BOD	None	mg/L	1	<5	ND	5	5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-11783	1	SM 5210 B	Conventional	BOD	None	mg/L	1	174	=	5	5		CAL	88		85	115
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.521	=	0.002	0.004		PHYSIS	104		46	147
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.501	=	0.002	0.004		PHYSIS	100	4	46	147
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.462	=	0.002	0.004		PHYSIS	92		46	147
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.444	=	0.002	0.004		PHYSIS	89	3	46	147
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.835	=	0.002	0.004		PHYSIS	153		36	173
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.937	=	0.002	0.004		PHYSIS	172	12	36	173
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.425	=	0.002	0.004		PHYSIS	85		36	173
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.416	=	0.002	0.004		PHYSIS	83	2	36	173
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.443	=	0.002	0.004		PHYSIS	89		46	147
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.471	=	0.002	0.004		PHYSIS	94	5	46	147
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.532	=	0.002	0.004		PHYSIS	106	1	46	147
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.537	=	0.002	0.004		PHYSIS	107		46	147
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.723	=	0.002	0.004		PHYSIS	133		36	173
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.741	=	0.002	0.004		PHYSIS	136	2	36	173
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.451	=	0.002	0.004		PHYSIS	90		46	147
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.429	=	0.002	0.004		PHYSIS	86	5	46	147
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.753	=	0.002	0.004		PHYSIS	135		36	173
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	0.778	=	0.002	0.004		PHYSIS	138	2	36	173
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Bolstar	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR5	11/30/2018	Integrated	2	T111212-3111	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-3111	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111178-3110	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-3122	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-3122	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010259-3122	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW65	UR2S	2/2/2019	Integrated	2	U020098-3135	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-3135	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-3174	2	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-3174	1	SM20-2320 B	Conventional	Carbonate as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-20084	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	34	DNQ	20	50		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-20084	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-20084	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	287	=	20	50		CAL	96		90	110
WW63	LABQA	1/1/1950	LabBlank	1	T111178-20075	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-20075	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	326	=	20	50		CAL	109		90	110
WW64	UR5	1/7/2019	Integrated	2	U010275-20221	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	56	=	20	50		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-20221	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-20221	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	328	=	20	50		CAL	109		90	110
WW64	LABQA	1/1/1950	LabBlank	1	U010259-20214	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-20214	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	322	=	20	50		CAL	107		90	110
WW65	UR2S	2/2/2019	Integrated	2	U020098-20328	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-20328	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-20328	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	326	=	20	50		CAL	109		90	110
DW29	UR3	5/8/2019	Integrated	1	U050419-20693	2	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-20693	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	<20	ND	20	50		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-20693	1	EPA 410.4 / SM5220D	Conventional	Chemical Oxygen Demand	None	mg/L	1	292	=	20	50		CAL	97		90	110
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.446	=	0.0005	0.001		PHYSIS	89		75	120
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.425	=	0.0005	0.001		PHYSIS	85	5	75	120
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.00229	=	0.0005	0.001	FDP	PHYSIS		67.1		
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.453	=	0.0005	0.001		PHYSIS	91	2	75	120
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0242	=	0.0005	0.001		PHYSIS		4		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.705	=	0.0005	0.001		PHYSIS	125		36	150
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.463	=	0.0005	0.001		PHYSIS	93		75	120
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.736	=	0.0005	0.001		PHYSIS	131	5	36	150
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0017	=	0.0005	0.001		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.016	=	0.0005	0.001		CAL	82		25	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.019	=	0.0005	0.001		CAL	95	15	25	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.018	=	0.0005	0.001		CAL	91		25	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.023	=	0.0005	0.001		CAL	114	23	25	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.02	=	0.0005	0.001		CAL	61		10	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.02	=	0.0005	0.001		CAL	60	1	10	130
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.441	=	0.0005	0.001		PHYSIS	88		75	120
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.458	=	0.0005	0.001		PHYSIS	92	4	75	120
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.356	=	0.0005	0.001		PHYSIS	71	4	36	150
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.369	=	0.0005	0.001		PHYSIS	74		36	150
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.0006	DNQ	0.0005	0.001		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.016	=	0.0005	0.001		CAL	80		25	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.021	=	0.0005	0.001	IL	CAL	106	28	25	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.016	=	0.0005	0.001		CAL	80		25	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.021	=	0.0005	0.001	IL	CAL	106	28	25	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	10	0.03	=	0.005	0.01	D	CAL	122		10	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	10	0.029	=	0.005	0.01	D	CAL	113	6.4	10	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.012	=	0.0005	0.001		CAL	60		25	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.019	=	0.0005	0.001	IL	CAL	94	44	25	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.015	=	0.0005	0.001		CAL	76		10	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.016	=	0.0005	0.001		CAL	79	4.5	10	130
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.4	=	0.0005	0.001		PHYSIS	80		75	120
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.392	=	0.0005	0.001		PHYSIS	78	3	75	120
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.505	=	0.0005	0.001		PHYSIS	93		36	150
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.52	=	0.0005	0.001		PHYSIS	96	3	36	150
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS		0		
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.013	=	0.0005	0.001		CAL	67		25	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.013	=	0.0005	0.001		CAL	66	2.3	25	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.011	=	0.0005	0.001		CAL	54		10	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.011	=	0.0005	0.001		CAL	56	4.6	10	130
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.478	=	0.0005	0.001		PHYSIS	96		75	120
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.448	=	0.0005	0.001		PHYSIS	90	6	75	120
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.00103	=	0.0005	0.001		PHYSIS		20		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.645	=	0.0005	0.001		PHYSIS	116		36	150
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	0.616	=	0.0005	0.001		PHYSIS	110	5	36	150
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Chlorpyrifos	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.467	=	0.001	0.005		PHYSIS	93		56	141
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.461	=	0.001	0.005		PHYSIS	92	1	56	141
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.515	=	0.001	0.005		PHYSIS	103		56	141
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0541	=	0.001	0.005		PHYSIS		21		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.571	=	0.001	0.005		PHYSIS	96		58	136
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.566	=	0.001	0.005		PHYSIS	95	1	58	136
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.504	=	0.001	0.005		PHYSIS	101	2	56	141
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.375	=	0.001	0.005		PHYSIS	75	1	56	141
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0519	=	0.001	0.005		PHYSIS		5		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.589	=	0.001	0.005		PHYSIS	108		58	136
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.00513	=	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.371	=	0.001	0.005		PHYSIS	74		56	141
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.666	=	0.001	0.005		PHYSIS	123	13	58	136
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.614	=	0.001	0.005		PHYSIS	123		56	141
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.599	=	0.001	0.005		PHYSIS	120	2	56	141
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.0103	=	0.001	0.005	FDP	PHYSIS		46		
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.68	=	0.001	0.005		PHYSIS	125	0	58	136
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.679	=	0.001	0.005		PHYSIS	125		58	136
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.514	=	0.001	0.005		PHYSIS	103		56	141
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.507	=	0.001	0.005		PHYSIS	101	2	56	141
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Chrysene	None	µg/L	1	0.575	=	0.001	0.005		PHYSIS	103		58	136
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Chrysene	None	µg/L	1	0.601	=	0.001	0.005		PHYSIS	107	4	58	136
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Chrysene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		60	139
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95	7	60	139
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	115	=	-88	-88		PHYSIS	115		60	139
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	132	=	-88	-88		PHYSIS	132		36	142
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105		36	142
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107		36	142

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	131	=	-88	-88		PHYSIS	131		36	142
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		36	142
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105		60	139
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85		60	139
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		36	142
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74	15	36	142
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95	2	36	142
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99	6	60	139
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80		60	139
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85	2	60	139
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	131	=	-88	-88		PHYSIS	131	1	36	142
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	112	=	-88	-88		PHYSIS	112		36	142
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	108	=	-88	-88		PHYSIS	108		36	142
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	132	=	-88	-88		PHYSIS	132		36	142
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	113	=	-88	-88		PHYSIS	113		36	142
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	116	=	-88	-88		PHYSIS	116		36	142
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	83	=	-88	-88		PHYSIS	83		60	139
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	129	=	-88	-88		PHYSIS	129	14	36	142
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	124	=	-88	-88		PHYSIS	124		36	142
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	119	=	-88	-88		PHYSIS	119		60	139
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	128	=	-88	-88		PHYSIS	128	0	60	139
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	128	=	-88	-88		PHYSIS	128		60	139
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	56	=	-88	-88		PHYSIS	56		36	142
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	76	=	-88	-88		PHYSIS	76		36	142
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	59	=	-88	-88		PHYSIS	59		36	142
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	57	=	-88	-88		PHYSIS	57		36	142
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	130	=	-88	-88		PHYSIS	130	1	36	142
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	111	=	-88	-88		PHYSIS	111		36	142
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	129	=	-88	-88		PHYSIS	129		36	142
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	130	=	-88	-88		PHYSIS	130	16	36	142
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105		60	139
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	116	=	-88	-88		PHYSIS	116		60	139
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	114	=	-88	-88		PHYSIS	114	2	60	139
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	109	=	-88	-88		PHYSIS	109		36	142
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105	4	36	142
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	110	=	-88	-88		PHYSIS	110		36	142
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	115	=	-88	-88		PHYSIS	115	4	36	142
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	115	=	-88	-88		PHYSIS	115		36	142
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		36	142
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	Chrysene-d12 (Surrogate)	None	%	1	106	=	-88	-88		PHYSIS	106		36	142
WW63	UR2S	11/30/2018	FieldBlank	1	T111210-9310	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111210-9310	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111210-9310	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	19	=	0.15	0.5		CAL	94		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9299	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9299	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	19	=		0.5		CAL	94		85	115
WW64	UR2S	1/7/2019	FieldBlank	1	U010230-9338	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010230-9338	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010230-9338	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	18	=	0.15	0.5		CAL	92		85	115
WW65	UR3	2/3/2019	FieldBlank	1	U020097-9406	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW65	UR2S	2/3/2019	Integrated	1	U020097-9406	2	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	3.7	=	0.15	0.5		CAL		0		
WW65	LABQA	1/1/1950	LabBlank	1	U020097-9406	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020097-9406	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	18	=	0.15	0.5		CAL	92		85	115
DW29	UR5	5/8/2019	FieldBlank	1	U050420-9528	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050420-9528	2	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	3.7	=	0.15	0.5		CAL		3		
DW29	LABQA	1/1/1950	LabBlank	1	U050420-9528	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050420-9528	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	19	=	0.15	0.5		CAL	95		85	115
DW29	LABQA	1/1/1950	FilterBlank	1	U050420-9528	1	EPA 200.8	Metal	Copper	Dissolved	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-9307	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-9307	1	EPA 200.8	Metal	Copper	Total	µg/L	1	4.3	=	0.15	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-9307	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-9307	1	EPA 200.8	Metal	Copper	Total	µg/L	1	19	=	0.15	0.5		CAL	94		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111178-9296	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-9296	1	EPA 200.8	Metal	Copper	Total	µg/L	1	19	=	0.15	0.5		CAL	97		85	115
WW63	UR3	11/29/2018	MS1	1	T111178-9296	1	EPA 200.8	Metal	Copper	Total	µg/L	1	33	=	0.15	0.5		CAL	101		70	130
WW63	UR3	11/29/2018	MS1	1	T111178-9296	2	EPA 200.8	Metal	Copper	Total	µg/L	1	32	=	0.15	0.5		CAL	97	2.7	70	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-9354	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-9354	1	EPA 200.8	Metal	Copper	Total	µg/L	1	3.5	=	0.15	0.5		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LabBlank	1	U010275-9354	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-9354	1	EPA 200.8	Metal	Copper	Total	µg/L	1	18	=	0.15	0.5		CAL	88		85	115
WW64	LABQA	1/1/1950	LabBlank	1	U010259-9352	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-9352	1	EPA 200.8	Metal	Copper	Total	µg/L	1	19	=	0.15	0.5		CAL	96		85	115
WW64	UR3	1/5/2019	MS1	1	U010259-9352	1	EPA 200.8	Metal	Copper	Total	µg/L	1	35	=	0.15	0.5		CAL	97		70	130
WW64	UR3	1/5/2019	MS1	1	U010259-9352	2	EPA 200.8	Metal	Copper	Total	µg/L	1	36	=	0.15	0.5		CAL	98	0.3	70	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-9404	1	EPA 200.8	Metal	Copper	Total	µg/L	1	8.8	=	0.15	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-9417	1	EPA 200.8	Metal	Copper	Total	µg/L	1	0.19	DNQ	0.15	0.5	IP	CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9404	1	EPA 200.8	Metal	Copper	Total	µg/L	1	0.21	DNQ	0.15	0.5	IP	CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9404	1	EPA 200.8	Metal	Copper	Total	µg/L	1	19	=	0.15	0.5		CAL	96		85	115
WW65	UR5	2/2/2019	MS1	1	U020098-9404	1	EPA 200.8	Metal	Copper	Total	µg/L	1	22	=	0.15	0.5		CAL	89		70	130
WW65	UR5	2/2/2019	MS1	1	U020098-9404	2	EPA 200.8	Metal	Copper	Total	µg/L	1	22	=	0.15	0.5		CAL	91	1.4	70	130
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9417	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9417	1	EPA 200.8	Metal	Copper	Total	µg/L	1	20	=	0.15	0.5		CAL	98		85	115
DW29	UR5	5/8/2019	FieldBlank	1	U050419-9523	1	EPA 200.8	Metal	Copper	Total	µg/L	1	0.44	DNQ	0.15	0.5	IP	CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-9523	2	EPA 200.8	Metal	Copper	Total	µg/L	1	5.2	=	0.15	0.5		CAL		0		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-9523	1	EPA 200.8	Metal	Copper	Total	µg/L	1	<0.15	ND	0.15	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-9523	1	EPA 200.8	Metal	Copper	Total	µg/L	1	21	=	0.15	0.5		CAL	105		85	115
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	1	EPA 200.8	Metal	Copper	Total	µg/L	1	34	=	0.15	0.5		CAL	108		70	130
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	2	EPA 200.8	Metal	Copper	Total	µg/L	1	34	=	0.15	0.5		CAL	107	0.6	70	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	1.7	=	0.2	0.5	FDP	CAL		38.1		
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	17	=	0.2	0.5		CAL	85		43	141
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	17	=	0.2	0.5		CAL	86	0.6	43	141
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	17	=	0.2	0.5		CAL	85		43	141
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	20	=	0.2	0.5		CAL	98	15	43	141
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	24	=	0.2	0.5		CAL	115		44	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	23	=	0.2	0.5		CAL	111	3.4	44	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	1.3	=	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	19	=	0.2	0.5		CAL	95		43	141
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	23	=	0.2	0.5		CAL	114	18	43	141
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	19	=	0.2	0.5		CAL	95		43	141
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	23	=	0.2	0.5		CAL	114	18	43	141
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	10	19	=	2	5	D	CAL	93		44	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	10	19	=	2	5	D	CAL	96	3.2	44	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	1.2	=	0.2	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	13	=	0.2	0.5		CAL	64		43	141
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	18	=	0.2	0.5	IL	CAL	92	37	43	141
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	17	=	0.2	0.5		CAL	82		44	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	18	=	0.2	0.5		CAL	83	1.7	44	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	14	=	0.2	0.5		CAL	69		43	141
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	14	=	0.2	0.5		CAL	69	0	43	141
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	11	=	0.2	0.5		CAL	57		44	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Cyfluthrin	None	ng/L	1	11	=	0.2	0.5		CAL	54	4.5	44	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	0.6	=	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	17	=	0.2	0.5		CAL	87		42	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	17	=	0.2	0.5		CAL	86	1.2	42	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	17	=	0.2	0.5		CAL	86		42	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	20	=	0.2	0.5		CAL	99	15	42	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	26	=	0.2	0.5		CAL	119		39	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	26	=	0.2	0.5		CAL	118	0.8	39	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	0.6	=	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	20	=	0.2	0.5		CAL	98		42	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	23	=	0.2	0.5		CAL	116	16	42	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	20	=	0.2	0.5		CAL	98		42	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	23	=	0.2	0.5		CAL	116	16	42	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	10	20	=	2	5	D	CAL	82		39	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	10	19	=	2	5	D	CAL	77	5.2	39	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	0.6	=	0.2	0.5	FDP	CAL		67		
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	13	=	0.2	0.5		CAL	67		42	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	20	=	0.2	0.5	IL	CAL	99	39	42	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	17	=	0.2	0.5		CAL	81		39	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	17	=	0.2	0.5		CAL	84	2.9	39	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	13	=	0.2	0.5		CAL	67		42	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	14	=	0.2	0.5		CAL	69	2.2	42	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	11	=	0.2	0.5		CAL	57		39	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Cypermethrin	None	ng/L	1	11	=	0.2	0.5		CAL	56	2.7	39	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	3.9	=	0.2	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	32	=	0.2	1		CAL	81		3	150
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	34	=	0.2	1		CAL	86	6	3	150
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	34	=	0.2	1		CAL	86		3	150
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	40	=	0.2	1		CAL	99	14	3	150
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	44	=	0.2	1		CAL	103		11	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	41	=	0.2	1		CAL	95	7.6	11	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	2.3	=	0.2	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	43	=	0.2	1		CAL	109		3	150
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	44	=	0.2	1		CAL	109	0.5	3	150
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	43	=	0.2	1		CAL	109		3	150
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	44	=	0.2	1		CAL	109	0.5	3	150
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	10	32	=	2	10	D	CAL	81		11	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	10	32	=	2	10	D	CAL	80	0.6	11	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	1.1	=	0.2	1	FDP	CAL		104		
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	24	=	0.2	1		CAL	60		3	150
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	39	=	0.2	1	IL	CAL	97	48	3	150
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	36	=	0.2	1		CAL	77		11	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	37	=	0.2	1		CAL	80	2.7	11	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	<0.2	ND	0.2	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	27	=	0.2	1		CAL	67		3	150
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	28	=	0.2	1		CAL	69	2.6	3	150
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	22	=	0.2	1		CAL	54		11	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Deltamethrin/Tralomethrin	None	ng/L	1	20	=	0.2	1		CAL	51	5.7	11	130
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.361	=	0.001	0.002		PHYSIS	72	7	0	140
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.384	=	0.001	0.002		PHYSIS	77		0	140
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.422	=	0.001	0.002		PHYSIS	84	5	0	140
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.442	=	0.001	0.002		PHYSIS	88		0	140
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.791	=	0.001	0.002		PHYSIS	145		0	156
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	1.09	=	0.001	0.002	GB,IL	PHYSIS	200	32	0	156
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.4	=	0.001	0.002		PHYSIS	80	2	0	156

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.436	=	0.001	0.002		PHYSIS	87		0	140
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.41	=	0.001	0.002		PHYSIS	82		0	156
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.433	=	0.001	0.002		PHYSIS	87	0	0	140
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.512	=	0.001	0.002		PHYSIS	102		0	140
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.461	=	0.001	0.002		PHYSIS	92	10	0	140
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.709	=	0.001	0.002		PHYSIS	130		0	156
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.759	=	0.001	0.002		PHYSIS	140	7	0	156
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.439	=	0.001	0.002		PHYSIS	88		0	140
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.426	=	0.001	0.002		PHYSIS	85	3	0	140
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.771	=	0.001	0.002		PHYSIS	139		0	156
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	0.818	=	0.001	0.002		PHYSIS	146	5	0	156
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Demeton, Total	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.48	=	0.0005	0.001		PHYSIS	96		65	125
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.455	=	0.0005	0.001		PHYSIS	91	5	65	125
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.483	=	0.0005	0.001		PHYSIS	97		65	125
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.456	=	0.0005	0.001		PHYSIS	91	6	65	125
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.789	=	0.0005	0.001		PHYSIS	145	3	41	145
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.769	=	0.0005	0.001		PHYSIS	141		41	145
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS		0		
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.017	=	0.0001	0.0005		CAL	87		24	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.016	=	0.0001	0.0005		CAL	82	5.9	24	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.016	=	0.0001	0.0005		CAL	83		24	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.02	=	0.0001	0.0005		CAL	101	20	24	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.017	=	0.0001	0.0005		CAL	87		3	151
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.015	=	0.0001	0.0005		CAL	75	14	3	151
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.43	=	0.0005	0.001		PHYSIS	86		65	125
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.368	=	0.0005	0.001		PHYSIS	74		41	145
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.42	=	0.0005	0.001		PHYSIS	84	2	65	125
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.334	=	0.0005	0.001		PHYSIS	67	10	41	145
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.016	=	0.0001	0.0005		CAL	78		24	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.02	=	0.0001	0.0005		CAL	100	25	24	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.016	=	0.0001	0.0005		CAL	78		24	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.02	=	0.0001	0.0005		CAL	100	25	24	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	10	0.018	=	0.001	0.005	D	CAL	88		3	151
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	10	0.02	=	0.001	0.005	D	CAL	98	10	3	151
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.014	=	0.0001	0.0005		CAL	69		24	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.017	=	0.0001	0.0005		CAL	87	23	24	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.015	=	0.0001	0.0005		CAL	77		3	151

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.014	=	0.0001	0.0005		CAL	70	9.5	3	151
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.524	=	0.0005	0.001		PHYSIS	105	5	65	125
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.552	=	0.0005	0.001		PHYSIS	110		65	125
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.665	=	0.0005	0.001		PHYSIS	122	4	41	145
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS		0		
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.638	=	0.0005	0.001		PHYSIS	117		41	145
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.0034	=	0.0001	0.0005		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	<0.0001	ND	0.0001	0.0005		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.011	=	0.0001	0.0005		CAL	57		24	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.012	=	0.0001	0.0005		CAL	58	1.7	24	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.012	=	0.0001	0.0005		CAL	43		3	151
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	OP Pesticide	Diazinon	None	µg/L	1	0.012	=	0.0001	0.0005		CAL	43	0	3	151
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.475	=	0.0005	0.001		PHYSIS	95		65	125
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.456	=	0.0005	0.001		PHYSIS	91	4	65	125
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.693	=	0.0005	0.001		PHYSIS	125		41	145
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	0.693	=	0.0005	0.001		PHYSIS	123	2	41	145
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Diazinon	None	µg/L	1	<0.0005	ND	0.0005	0.001		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.599	=	0.001	0.005		PHYSIS	120	2	55	150
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.592	=	0.001	0.005		PHYSIS	118		55	150
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.447	=	0.001	0.005		PHYSIS	89		55	150
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.42	=	0.001	0.005		PHYSIS	84	6	55	150
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.546	=	0.001	0.005		PHYSIS	100		53	156
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.628	=	0.001	0.005		PHYSIS	115	14	53	156
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.353	=	0.001	0.005		PHYSIS	71		55	150
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.366	=	0.001	0.005		PHYSIS	73	3	55	150
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.547	=	0.001	0.005		PHYSIS	108		53	156
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.00107	DNQ	0.001	0.005	IP	PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.558	=	0.001	0.005		PHYSIS	111	3	53	156
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.0049	DNQ	0.001	0.005		PHYSIS		18		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.495	=	0.001	0.005		PHYSIS	99	10	55	150
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.449	=	0.001	0.005		PHYSIS	90		55	150
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.702	=	0.001	0.005		PHYSIS	129		53	156
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.698	=	0.001	0.005		PHYSIS	128	1	53	156
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.404	=	0.001	0.005		PHYSIS	81		55	150
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.393	=	0.001	0.005		PHYSIS	79	2	55	150
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.56	=	0.001	0.005		PHYSIS	101		53	156
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	0.619	=	0.001	0.005		PHYSIS	110	9	53	156
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Dibenz(a,h)anthracene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.489	=	0.001	0.005		PHYSIS	98		75	113
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.00229	DNQ	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.487	=	0.001	0.005		PHYSIS	97	1	75	113
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.482	=	0.001	0.005		PHYSIS	96	4	75	113
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.502	=	0.001	0.005		PHYSIS	100		75	113
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.535	=	0.001	0.005		PHYSIS	98	0	69	112
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.535	=	0.001	0.005		PHYSIS	98		69	112

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.428	=	0.001	0.005		PHYSIS	86	0	75	113
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.428	=	0.001	0.005		PHYSIS	86		75	113
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.482	=	0.001	0.005		PHYSIS	96		69	112
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.483	=	0.001	0.005		PHYSIS	97	1	69	112
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.525	=	0.001	0.005		PHYSIS	105		75	113
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.53	=	0.001	0.005		PHYSIS	106	1	75	113
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.00438	DNQ	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.566	=	0.001	0.005		PHYSIS	104	2	69	112
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.557	=	0.001	0.005		PHYSIS	102		69	112
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.477	=	0.001	0.005		PHYSIS	95		75	113
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.463	=	0.001	0.005		PHYSIS	93	2	75	113
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.523	=	0.001	0.005		PHYSIS	94		69	112
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	0.549	=	0.001	0.005		PHYSIS	98	4	69	112
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Dibenzothiophene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.408	=	0.003	0.006		PHYSIS	82		58	131
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.406	=	0.003	0.006		PHYSIS	81	1	58	131
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.494	=	0.003	0.006		PHYSIS	99		58	131
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.54	=	0.003	0.006		PHYSIS	99		31	143
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.692	=	0.003	0.006		PHYSIS	127	25	31	143
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.438	=	0.003	0.006		PHYSIS	88	12	58	131
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.376	=	0.003	0.006		PHYSIS	75	17	58	131
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.447	=	0.003	0.006		PHYSIS	89		58	131
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.398	=	0.003	0.006		PHYSIS	80		31	143
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.411	=	0.003	0.006		PHYSIS	82	2	31	143
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.39	=	0.003	0.006		PHYSIS	78		58	131
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.377	=	0.003	0.006		PHYSIS	75	4	58	131
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.506	=	0.003	0.006		PHYSIS	93	21	31	143
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.406	=	0.003	0.006		PHYSIS	75		31	143
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.489	=	0.003	0.006		PHYSIS	98		58	131
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.457	=	0.003	0.006		PHYSIS	91	7	58	131
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.709	=	0.003	0.006		PHYSIS	128		31	143
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	0.707	=	0.003	0.006		PHYSIS	126	2	31	143
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Dichlorvos	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.355	=	0.005	0.01		PHYSIS	71	19	17	146
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.428	=	0.005	0.01		PHYSIS	86		17	146
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.453	=	0.005	0.01		PHYSIS	91		17	146
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.362	=	0.005	0.01		PHYSIS	72	23	17	146
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	1.03	=	0.005	0.01	GB	PHYSIS	189	15	25	150
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.882	=	0.005	0.01	GB	PHYSIS	162		25	150
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.342	=	0.005	0.01		PHYSIS	68	6	25	150
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.423	=	0.005	0.01		PHYSIS	85	2	17	146
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.435	=	0.005	0.01		PHYSIS	87		17	146
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.358	=	0.005	0.01		PHYSIS	72		25	150
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.443	=	0.005	0.01		PHYSIS	89	5	17	146
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.472	=	0.005	0.01		PHYSIS	94		17	146
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.742	=	0.005	0.01		PHYSIS	136	7	25	150
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.693	=	0.005	0.01		PHYSIS	127		25	150
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.447	=	0.005	0.01		PHYSIS	89		17	146
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.434	=	0.005	0.01		PHYSIS	87	2	17	146
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.829	=	0.005	0.01		PHYSIS	149		25	150
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	0.842	=	0.005	0.01		PHYSIS	150	2	25	150
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Dimethoate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR2S	11/29/2018	FieldBlank	1	T111164-9822	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	UR5	11/29/2018	Grab	2	T111164-9816	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	12	=	0.3	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9816	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	0.38	DNQ	0.3	0.5	IP	CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9816	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	11	=	0.3	0.5		CAL	106		80	120
WW63	LABQA	1/1/1950	LCS	1	T111164-9816	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	103	2.9	80	120
WW63	LABQA	1/1/1950	FilterBlank	1	T111164-9822	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	UR3	11/29/2018	MS1	1	T111164-9816	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	15	=	0.3	0.5		CAL	101		80	120
WW63	UR3	11/29/2018	MS1	1	T111164-9816	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	16	=	0.3	0.5		CAL	104	1.9	80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9822	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9822	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	100		80	120
WW63	LABQA	1/1/1950	LCS	1	T111164-9822	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	100	0.1	80	120
WW64	UR5	1/6/2019	Grab	2	U010229-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	7	=	0.3	0.5		CAL				
WW64	UR2S	1/6/2019	FieldBlank	1	U010229-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	101		80	120
WW64	LABQA	1/1/1950	LCS	1	U010229-9837	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	102	1	80	120
WW64	LABQA	1/1/1950	FilterBlank	1	U010229-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010210-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	101		80	120
WW64	LABQA	1/1/1950	LCS	1	U010210-9837	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	102	1	80	120
WW64	LABQA	1/1/1950	FilterBlank	1	U010210-9837	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW65	UR2S	2/2/2019	Grab	2	U020085-9898	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	3.3	=	0.3	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020085-9898	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	0.37	DNQ	0.3	0.5	IP	CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-9898	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-9898	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	9.7	=	0.3	0.5		CAL	97		80	120
WW65	LABQA	1/1/1950	LCS	1	U020085-9898	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	9.8	=	0.3	0.5		CAL	98	0.4	80	120
WW65	LABQA	1/1/1950	FilterBlank	1	U020085-9898	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW65	UR2S	2/2/2019	MS1	1	U020085-9898	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	14	=	0.3	0.5		CAL	104		80	120
WW65	UR2S	2/2/2019	MS1	1	U020085-9898	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	15	=	0.3	0.5		CAL	106	1.4	80	120
DW29	UR5	5/7/2019	FieldBlank	1	U050327-10023	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	0.58	=	0.3	0.5	IP	CAL				
DW29	UR3	5/7/2019	Grab	1	U050327-10023	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	3.7	=	0.3	0.5		CAL		13		
DW29	LABQA	1/1/1950	LabBlank	1	U050327-10023	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050327-10023	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	100		80	120
DW29	LABQA	1/1/1950	LCS	1	U050327-10023	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	10	=	0.3	0.5		CAL	100	0.2	80	120
DW29	LABQA	1/1/1950	FilterBlank	1	U050327-10023	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	<0.3	ND	0.3	0.5		CAL				
DW29	UR3	5/7/2019	MS1	1	U050327-10023	1	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	14	=	0.3	0.5		CAL	99		80	120
DW29	UR3	5/7/2019	MS1	1	U050327-10023	2	SM 5310 B	Conventional	Dissolved Organic Carbon	Dissolved	mg/L	1	14	=	0.3	0.5		CAL	102	2.1	80	120
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.461	=	0.001	0.002		PHYSIS	92		23	136
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.434	=	0.001	0.002		PHYSIS	87	6	23	136
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.474	=	0.001	0.002		PHYSIS	95	5	23	136
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.5	=	0.001	0.002		PHYSIS	100		23	136
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.732	=	0.001	0.002		PHYSIS	135	10	20	143
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.661	=	0.001	0.002		PHYSIS	122		20	143
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.433	=	0.001	0.002		PHYSIS	87	0	23	136
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.436	=	0.001	0.002		PHYSIS	87		23	136
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.41	=	0.001	0.002		PHYSIS	82		20	143
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.4	=	0.001	0.002		PHYSIS	80	2	20	143
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.496	=	0.001	0.002		PHYSIS	99	5	23	136
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.518	=	0.001	0.002		PHYSIS	104		23	136
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.545	=	0.001	0.002		PHYSIS	100		20	143
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.549	=	0.001	0.002		PHYSIS	101	1	20	143
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.472	=	0.001	0.002		PHYSIS	94		23	136
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.448	=	0.001	0.002		PHYSIS	90	4	23	136
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.622	=	0.001	0.002		PHYSIS	112		20	143
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	0.64	=	0.001	0.002		PHYSIS	114	2	20	143
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Disulfoton	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR5	11/29/2018	Grab	2	70174	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	54000	=	-88	18		SRCSD				
WW63	UR2S	11/29/2018	FieldBlank	1	70174	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	<1.8	ND	-88	1.8		SRCSD				
WW65	UR3	2/2/2019	FieldBlank	1	70648	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	<18	ND	-88	18		SRCSD				
WW64	UR5	1/6/2019	Grab	2	70394	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	3300	=	-88	18		SRCSD				
WW64	UR2S	1/6/2019	FieldBlank	1	70394	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	<1.8	ND	-88	1.8	H	SRCSD				
WW65	UR2S	2/2/2019	Grab	2	70647	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	11000	=	-88	18		SRCSD				
DW29	UR3	5/7/2019	Grab	2	71462	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	3300	=	-88	18		SRCSD				
DW29	UR5	5/7/2019	FieldBlank	1	71462	1	SM 9221 F	Bacteriological	E. coli	None	MPN/100 mL	1	<1.8	ND	-88	1.8		SRCSD				
WW63	UR5	11/30/2018	Integrated	2	T111212-9811	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	120	=	10	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-9811	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	<10	ND	10	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-9811	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	1400	=	10	10		CAL	100		80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-9797	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	<10	ND	10	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-9797	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	1400	=	10	10		CAL	101		80	120
WW64	UR5	1/7/2019	Integrated	2	U010275-9839	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	130	=	10	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-9839	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	<10	ND	10	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-9839	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	1400	=	10	10		CAL	100		80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-9839	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	<10	ND	10	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-9839	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	1400	=	10	10		CAL	100		80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-9888	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	69	=	10	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9888	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	<10	ND	10	10		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9888	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	1400	=	10	10		CAL	101		80	120
DW29	UR3	5/8/2019	Integrated	1	U050419-10016	2	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	480	=	10	10		CAL		2		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-10016	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	<10	ND	10	10		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-10016	1	EPA 120.1 / SM2510B	Conventional	EC	None	µmhos/cm	1	1400	=	10	10		CAL	100		80	120
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	0.3	DNQ	0.2	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	34	=	0.2	1		CAL	86		32	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	34	=	0.2	1		CAL	84	2.7	32	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	33	=	0.2	1		CAL	84		32	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	40	=	0.2	1		CAL	101	19	32	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	42	=	0.2	1		CAL	104		32	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	41	=	0.2	1		CAL	100	3.4	32	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	0.7	DNQ	0.2	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	40	=	0.2	1		CAL	100		32	130

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	46	=	0.2	1		CAL	114	14	32	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	40	=	0.2	1		CAL	100		32	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	46	=	0.2	1		CAL	114	14	32	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	10	37	=	2	10	D	CAL	84		32	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	10	40	=	2	10	D	CAL	90	5.5	32	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	0.8	DNQ	0.2	1		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	26	=	0.2	1		CAL	66		32	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	40	=	0.2	1	IL	CAL	99	40	32	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	32	=	0.2	1		CAL	78		32	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	33	=	0.2	1		CAL	80	2.7	32	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	<0.2	ND	0.2	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	27	=	0.2	1		CAL	67		32	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	28	=	0.2	1		CAL	70	4.4	32	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	23	=	0.2	1		CAL	59		32	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Esfenvalerate/Fenvalerate	None	ng/L	1	23	=	0.2	1		CAL	58	1.3	32	130
WW63	UR2S	11/29/2018	Integrated	1	T111212-4705	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	5	65	=	-88	-88	D	CAL	65		26	130
WW63	UR5	11/30/2018	Integrated	1	T111212-4705	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	89	=	-88	-88		CAL	89		26	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	90	=	-88	-88		CAL	90		26	130
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	76	=	-88	-88		CAL	76		26	130
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	85	=	-88	-88		CAL	85		34	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	91	=	-88	-88		CAL	91		34	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	88	=	-88	-88		CAL	88	3.4	34	130
WW63	UR3	11/29/2018	Integrated	1	T111178-4704	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	105	=	-88	-88		CAL	105		26	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	92	=	-88	-88		CAL	92		34	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	87	=	-88	-88		CAL	87		34	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	104	=	-88	-88		CAL	104	17	34	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	107	=	-88	-88		CAL	107		30	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	103	=	-88	-88		CAL	103	3.8	30	130
WW64	UR2S	1/7/2019	Integrated	1	U010275-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	5	69	=	-88	-88	D	CAL	69		26	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	113	=	-88	-88		CAL	113		26	130
WW64	UR5	1/7/2019	Integrated	1	U010275-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	85	=	-88	-88		CAL	85		26	130
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	84	=	-88	-88		CAL	84		26	130
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	113	=	-88	-88		CAL	113		34	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	100	=	-88	-88		CAL	100		34	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	112	=	-88	-88		CAL	112	12	34	130
WW64	UR3	1/5/2019	Integrated	1	U010259-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	10	79	=	-88	-88	D	CAL	79		26	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	113	=	-88	-88		CAL	113		34	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	100	=	-88	-88		CAL	100		34	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	112	=	-88	-88		CAL	112	12	34	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	10	83	=	-88	-88	D	CAL	83		30	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	10	90	=	-88	-88	D	CAL	90	8.1	30	130
WW65	UR3	2/2/2019	Integrated	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	66	=	-88	-88		CAL	66		26	130
WW65	UR2S	2/2/2019	Integrated	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	60	=	-88	-88	FDP	CAL	60		26	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	39	=	-88	-88	FDP	CAL	39	42	26	130
WW65	UR5	2/2/2019	Integrated	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	65	=	-88	-88		CAL	65		26	130
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	83	=	-88	-88		CAL	83		26	130
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	84	=	-88	-88		CAL	84		34	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	68	=	-88	-88		CAL	68		34	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	96	=	-88	-88		CAL	96	35	34	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	75	=	-88	-88		CAL	75		30	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	77	=	-88	-88		CAL	77	2.6	30	130
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	78	=	-88	-88		CAL	78		26	130
DW29	UR2S	5/8/2019	Integrated	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	77	=	-88	-88		CAL	77		26	130
DW29	UR5	5/8/2019	Integrated	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	73	=	-88	-88		CAL	73		26	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	77	=	-88	-88		CAL	77		26	130
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	81	=	-88	-88		CAL	81	4	26	130
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	82	=	-88	-88		CAL	82		34	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	79	=	-88	-88		CAL	79		34	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	80	=	-88	-88		CAL	80	1.9	34	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	69	=	-88	-88		CAL	69		30	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Surrogate	Esfenvalerate-d6 (Surrogate)	None	%	1	63	=	-88	-88		CAL	63	8.4	30	130
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.463	=	0.001	0.002		PHYSIS	93		63	125
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.431	=	0.001	0.002		PHYSIS	86	8	63	125
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.431	=	0.001	0.002		PHYSIS	86	9	63	125
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.799	=	0.001	0.002		PHYSIS	147		34	147
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.472	=	0.001	0.002		PHYSIS	94		63	125
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.791	=	0.001	0.002		PHYSIS	145	1	34	147
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.42	=	0.001	0.002		PHYSIS	84	4	63	125
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.437	=	0.001	0.002		PHYSIS	87		63	125
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.411	=	0.001	0.002		PHYSIS	82	11	34	147
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.462	=	0.001	0.002		PHYSIS	92		34	147
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.477	=	0.001	0.002		PHYSIS	95		63	125
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.451	=	0.001	0.002		PHYSIS	90	5	63	125
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.638	=	0.001	0.002		PHYSIS	117		34	147
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.65	=	0.001	0.002		PHYSIS	119	2	34	147
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.466	=	0.001	0.002		PHYSIS	93		63	125
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.448	=	0.001	0.002		PHYSIS	90	3	63	125
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.759	=	0.001	0.002		PHYSIS	137		34	147
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	0.747	=	0.001	0.002		PHYSIS	133	3	34	147
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Ethoprop (Ethoprofos)	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR5	11/29/2018	Grab	2	70174	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	54000	=	-88	18		SRCSD				
WW63	UR2S	11/29/2018	FieldBlank	1	70174	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	<1.8	ND	-88	1.8		SRCSD				
WW65	UR3	2/2/2019	FieldBlank	1	70648	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	<18	ND	-88	18		SRCSD				
WW64	UR5	1/6/2019	Grab	2	70394	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	4900	=	-88	18		SRCSD				
WW64	UR2S	1/6/2019	FieldBlank	1	70394	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	<1.8	ND	-88	1.8	H	SRCSD				
WW65	UR2S	2/2/2019	Grab	2	70647	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	11000	=	-88	18		SRCSD				
DW29	UR3	5/7/2019	Grab	2	71462	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	4900	=	-88	18		SRCSD				
DW29	UR5	5/7/2019	FieldBlank	1	71462	1	SM 9221 E	Bacteriological	Fecal Coliform	None	MPN/100 mL	1	<1.8	ND	-88	1.8		SRCSD				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.483	=	0.002	0.004		PHYSIS	97		75	128
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.47	=	0.002	0.004		PHYSIS	94	3	75	128
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.517	=	0.002	0.004		PHYSIS	103	3	75	128
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.529	=	0.002	0.004		PHYSIS	106		75	128
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.748	=	0.002	0.004		PHYSIS	138	5	39	153
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.715	=	0.002	0.004		PHYSIS	131		39	153
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.507	=	0.002	0.004		PHYSIS	101	2	75	128
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.493	=	0.002	0.004		PHYSIS	99		75	128
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.398	=	0.002	0.004		PHYSIS	80		39	153
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.366	=	0.002	0.004		PHYSIS	73	9	39	153
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.473	=	0.002	0.004		PHYSIS	95		75	128
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.432	=	0.002	0.004		PHYSIS	86	10	75	128
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.532	=	0.002	0.004		PHYSIS	98		39	153
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.543	=	0.002	0.004		PHYSIS	100	2	39	153
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.481	=	0.002	0.004		PHYSIS	96		75	128
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.455	=	0.002	0.004		PHYSIS	91	5	75	128
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.682	=	0.002	0.004		PHYSIS	123		39	153
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	0.66	=	0.002	0.004		PHYSIS	117	5	39	153
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Fenchlorphos (Ronnel)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	19	=	0.2	0.5		CAL	97		27	185
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	18	=	0.2	0.5		CAL	90	8	27	185
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	18	=	0.2	0.5		CAL	89		27	185
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	21	=	0.2	0.5		CAL	103	15	27	185
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	21	=	0.2	0.5		CAL	105		20	168
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	20	=	0.2	0.5		CAL	100	4.3	20	168
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	18	=	0.2	0.5		CAL	89		27	185
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	23	=	0.2	0.5		CAL	113	24	27	185
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	18	=	0.2	0.5		CAL	89		27	185
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	23	=	0.2	0.5		CAL	113	24	27	185
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	10	20	=	2	5	D	CAL	98		20	168
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	10	22	=	2	5	D	CAL	108	9.2	20	168
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	13	=	0.2	0.5		CAL	66		27	185
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	20	=	0.2	0.5	IL	CAL	98	39	27	185
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	14	=	0.2	0.5		CAL	70		20	168
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	14	=	0.2	0.5		CAL	73	3.5	20	168
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Fenpropathrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.429	=	0.001	0.002		PHYSIS	86		0	173
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.324	=	0.001	0.002	IL	PHYSIS	65	28	0	173
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.455	=	0.001	0.002		PHYSIS	91		0	173
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.354	=	0.001	0.002		PHYSIS	71	25	0	173
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	1.13	=	0.001	0.002	GB	PHYSIS	208	20	46	182
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.925	=	0.001	0.002		PHYSIS	170		46	182
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.409	=	0.001	0.002		PHYSIS	82		46	182
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.491	=	0.001	0.002		PHYSIS	98		0	173
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.374	=	0.001	0.002		PHYSIS	75	9	46	182
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.492	=	0.001	0.002		PHYSIS	98	0	0	173
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.487	=	0.001	0.002		PHYSIS	97		0	173
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.519	=	0.001	0.002		PHYSIS	104	7	0	173
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	1.14	=	0.001	0.002	GB	PHYSIS	210	4	46	182
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	1.1	=	0.001	0.002	GB	PHYSIS	202		46	182
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.382	=	0.001	0.002		PHYSIS	76		0	173
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	0.362	=	0.001	0.002		PHYSIS	72	5	0	173

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	1.08	=	0.001	0.002	GB	PHYSIS	194		46	182
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	1.2	=	0.001	0.002	GB	PHYSIS	214	10	46	182
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Fensulfothion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.498	=	0.002	0.004		PHYSIS	100		57	133
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.465	=	0.002	0.004		PHYSIS	93	7	57	133
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.47	=	0.002	0.004		PHYSIS	94		57	133
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.455	=	0.002	0.004		PHYSIS	91	3	57	133
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.803	=	0.002	0.004		PHYSIS	148	4	44	150
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.77	=	0.002	0.004		PHYSIS	142		44	150
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.41	=	0.002	0.004		PHYSIS	82		44	150
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.426	=	0.002	0.004		PHYSIS	85		57	133
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.458	=	0.002	0.004		PHYSIS	92	8	57	133
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.385	=	0.002	0.004		PHYSIS	77	6	44	150
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.478	=	0.002	0.004		PHYSIS	96	4	57	133
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.501	=	0.002	0.004		PHYSIS	100		57	133
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.657	=	0.002	0.004		PHYSIS	121		44	150
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.66	=	0.002	0.004		PHYSIS	121	0	44	150
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.466	=	0.002	0.004		PHYSIS	93		57	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.447	=	0.002	0.004		PHYSIS	89	4	57	133
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.702	=	0.002	0.004		PHYSIS	126		44	150
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	0.672	=	0.002	0.004		PHYSIS	120	5	44	150
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Fenthion	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	25	=	0.5	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	17	=	0.5	1		CAL	85		27	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	15	=	0.5	1		CAL	77	9.3	27	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	17	=	0.5	1		CAL	87		27	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	20	=	0.5	1		CAL	102	15	27	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	22	=	0.5	1		CAL	85		7	142
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	20	=	0.5	1		CAL	75	9.2	7	142
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	8.4	=	0.5	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	21	=	0.5	1		CAL	105		27	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	23	=	0.5	1		CAL	116	9.5	27	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	21	=	0.5	1		CAL	105		27	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	23	=	0.5	1		CAL	116	9.5	27	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	10	23	=	5	10	D	CAL	83		7	142
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	10	23	=	5	10	D	CAL	85	1.7	7	142
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	5	=	0.5	1	FDP	CAL		89		
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	12	=	0.5	1		CAL	61		27	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	19	=	0.5	1	IL	CAL	96	44	27	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	27	=	0.5	1		CAL	87		7	142
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	29	=	0.5	1		CAL	94	5	7	142
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	0.7	DNQ	0.5	1		CAL		0		

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	17	=	0.5	1		CAL	87		27	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	17	=	0.5	1		CAL	86	1.2	27	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	15	=	0.5	1		CAL	70		7	142
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil	None	ng/L	1	15	=	0.5	1		CAL	73	3.3	7	142
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	9.2	=	0.5	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	17	=	0.5	1		CAL	86		25	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	18	=	0.5	1		CAL	89	3.4	25	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	18	=	0.5	1		CAL	92		25	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	24	=	0.5	1		CAL	118	25	25	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	17	=	0.5	1		CAL	76		17	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	15	=	0.5	1		CAL	67	12	17	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	4.4	=	0.5	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	20	=	0.5	1		CAL	99		25	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	20	=	0.5	1		CAL	103	3.5	25	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	20	=	0.5	1		CAL	99		25	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	20	=	0.5	1		CAL	103	3.5	25	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	10	13	=	5	10	D	CAL	65		17	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	10	13	=	5	10	D	CAL	64	2.3	17	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	0.9	DNQ	0.5	1		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	11	=	0.5	1		CAL	55		25	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	17	=	0.5	1	IL	CAL	85	43	25	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	17	=	0.5	1		CAL	66		17	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	19	=	0.5	1		CAL	74	9.6	17	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	19	=	0.5	1		CAL	95		25	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	19	=	0.5	1		CAL	96	1.1	25	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	16	=	0.5	1		CAL	69		17	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Desulfinyl	None	ng/L	1	16	=	0.5	1		CAL	71	2.5	17	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	1.8	=	0.5	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	18	=	0.5	1		CAL	90		22	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	18	=	0.5	1		CAL	88	2.3	22	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	18	=	0.5	1		CAL	93		22	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	23	=	0.5	1		CAL	116	22	22	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	15	=	0.5	1		CAL	76		3	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	14	=	0.5	1		CAL	68	10	3	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	1.8	=	0.5	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	21	=	0.5	1		CAL	105		22	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	20	=	0.5	1		CAL	101	3.4	22	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	21	=	0.5	1		CAL	105		22	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	20	=	0.5	1		CAL	101	3.4	22	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	10	13	=	5	10	D	CAL	66		3	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	10	12	=	5	10	D	CAL	59	11	3	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	0.5	DNQ	0.5	1		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	12	=	0.5	1		CAL	60		22	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	18	=	0.5	1	IL	CAL	92	43	22	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	14	=	0.5	1		CAL	62		3	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	15	=	0.5	1		CAL	68	8.3	3	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	16	=	0.5	1		CAL	82		22	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	17	=	0.5	1		CAL	83	1.2	22	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	13	=	0.5	1		CAL	66		3	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Sulfide	None	ng/L	1	13	=	0.5	1		CAL	66	0.8	3	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	0.6	DNQ	0.5	1	IP	CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	19	=	0.5	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	0.6	DNQ	0.5	1	IP	CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	100		14	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	14	=	0.5	1	IL	CAL	68	39	14	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	0.5	DNQ	0.5	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	16	=	0.5	1		CAL	82		14	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	24	=	0.5	1	IL	CAL	121	39	14	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	81		4	142
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	17	=	0.5	1		CAL	66	17	4	142
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	11	=	0.5	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	0.5	DNQ	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	101		14	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	102	1.5	14	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	0.5	DNQ	0.5	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	101		14	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	102	1.5	14	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	10	13	=	5	10	D	CAL	17		4	142
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	10	12	=	5	10	D	CAL	13	7	4	142
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	4.5	=	0.5	1	FDP	CAL		103		
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	0.7	DNQ	0.5	1	IP	CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	<0.5	ND	0.5	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	15	=	0.5	1		CAL	74		14	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	21	=	0.5	1	IL	CAL	106	36	14	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	21	=	0.5	1		CAL	45		4	142
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	29	=	0.5	1	IL	CAL	86	32	4	142
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	1.6	=	0.5	1		CAL		22		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	<0.5	ND	0.5	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	26	=	0.5	1		CAL	128		14	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	26	=	0.5	1		CAL	130	1.6	14	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	21	=	0.5	1		CAL	84		4	142
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pesticide	Fipronil Sulfone	None	ng/L	1	20	=	0.5	1		CAL	80	4.3	4	142
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.564	=	0.001	0.005		PHYSIS	113		60	146
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.542	=	0.001	0.005		PHYSIS	108	5	60	146
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.455	=	0.001	0.005		PHYSIS	91	4	60	146
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.477	=	0.001	0.005		PHYSIS	95		60	146
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.62	=	0.001	0.005		PHYSIS	104		61	147
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.612	=	0.001	0.005		PHYSIS	102	2	61	147
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0712	=	0.001	0.005	IL	PHYSIS		57		
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.462	=	0.001	0.005		PHYSIS	92	10	60	146
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.416	=	0.001	0.005		PHYSIS	83		60	146
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.568	=	0.001	0.005		PHYSIS	105	1	61	147
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.0477	=	0.001	0.005		PHYSIS		12		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.564	=	0.001	0.005		PHYSIS	104		61	147
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.00314	DNQ	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.547	=	0.001	0.005		PHYSIS	109	3	60	146
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.56	=	0.001	0.005		PHYSIS	112		60	146
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.026	=	0.001	0.005	FDP	PHYSIS		39		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.67	=	0.001	0.005		PHYSIS	123	5	61	147
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.702	=	0.001	0.005		PHYSIS	129		61	147
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.00288	DNQ	0.001	0.005		PHYSIS		4		

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.505	=	0.001	0.005		PHYSIS	101		60	146
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.489	=	0.001	0.005		PHYSIS	98	3	60	146
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.00129	DNQ	0.001	0.005		PHYSIS		25		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.604	=	0.001	0.005		PHYSIS	109		61	147
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Fluoranthene	None	µg/L	1	0.64	=	0.001	0.005		PHYSIS	114	4	61	147
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Fluoranthene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.441	=	0.001	0.005		PHYSIS	88	1	58	131
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.433	=	0.001	0.005		PHYSIS	87		58	131
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00334	DNQ	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.482	=	0.001	0.005		PHYSIS	96		58	131
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.456	=	0.001	0.005		PHYSIS	91	5	58	131
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.48	=	0.001	0.005		PHYSIS	88		62	120
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.51	=	0.001	0.005		PHYSIS	93	6	62	120
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00365	DNQ	0.001	0.005		PHYSIS		5		
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.417	=	0.001	0.005		PHYSIS	83		58	131
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.382	=	0.001	0.005		PHYSIS	76	9	58	131
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.456	=	0.001	0.005		PHYSIS	90		62	120
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00413	DNQ	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.00486	DNQ	0.001	0.005		PHYSIS		4		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.449	=	0.001	0.005		PHYSIS	89	1	62	120
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.46	=	0.001	0.005		PHYSIS	92	7	58	131
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.497	=	0.001	0.005		PHYSIS	99		58	131
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.505	=	0.001	0.005		PHYSIS	93	7	62	120
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.471	=	0.001	0.005		PHYSIS	87		62	120
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.443	=	0.001	0.005		PHYSIS	89		58	131
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.43	=	0.001	0.005		PHYSIS	86	3	58	131
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Fluorene	None	µg/L	1	0.483	=	0.001	0.005		PHYSIS	87		62	120
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Fluorene	None	µg/L	1	0.498	=	0.001	0.005		PHYSIS	89	2	62	120
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Fluorene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	2	DNQ	1.7	5	IP	CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	38	=	1.7	5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	102		80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	102		80	120
WW63	UR3	11/29/2018	MS1	1	T111178-3115	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	96		80	120
WW63	UR3	11/29/2018	MS1	1	T111178-3115	2	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	96	0	80	120
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	42	=	1.7	5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	100		80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	100		80	120
WW64	UR3	1/5/2019	MS1	1	U010259-3125	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	110	=	1.7	5		CAL	99		80	120
WW64	UR3	1/5/2019	MS1	1	U010259-3125	2	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	110	=	1.7	5		CAL	99	0	80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-3142	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	24	=	1.7	5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-3142	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-3142	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-3142	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	100		80	120
WW65	LABQA	1/1/1950	LCS	1	U020098-3142	2	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	98	=	1.7	5		CAL	98	2	80	120
WW65	UR5	2/2/2019	MS1	1	U020098-3142	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	130	=	1.7	5		CAL	98		80	120
WW65	UR5	2/2/2019	MS1	1	U020098-3142	2	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	130	=	1.7	5		CAL	97	0.8	80	120
DW29	UR5	5/8/2019	FieldBlank	1	U050419-3175	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-3175	2	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	180	=	1.7	5		CAL		0		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-3175	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	<1.7	ND	1.7	5		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	LABQA	1/1/1950	LCS	1	U050419-3175	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	100	=	1.7	5		CAL	102		80	120
DW29	UR2S	5/8/2019	MS1	1	U050419-3175	1	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	260	=	1.7	5		CAL	83		80	120
DW29	UR2S	5/8/2019	MS1	1	U050419-3175	2	SM20-2340 C	Conventional	Hardness as CaCO3	Total	mg/L	1	260	=	1.7	5		CAL	83	0	80	120
WW63	UR5	11/30/2018	Integrated	2	T111212-3111	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-3111	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111178-3110	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-3122	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-3122	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010259-3122	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW65	UR2S	2/2/2019	Integrated	2	U020098-3135	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-3135	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-3174	2	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.2	ND	1.2	10		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-3174	1	SM20-2320 B	Conventional	Hydroxide as CaCO3	Total	mg/L	1	<1.3	ND	1.3	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.644	=	0.001	0.005		PHYSIS	129		50	151
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.644	=	0.001	0.005		PHYSIS	129	0	50	151
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.452	=	0.001	0.005		PHYSIS	90	2	50	151
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.461	=	0.001	0.005		PHYSIS	92		50	151
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.0279	=	0.001	0.005	IL	PHYSIS		66		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.634	=	0.001	0.005		PHYSIS	113		58	147
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.671	=	0.001	0.005		PHYSIS	119	5	58	147
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.535	=	0.001	0.005		PHYSIS	104		58	147
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.363	=	0.001	0.005		PHYSIS	73	10	50	151
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.331	=	0.001	0.005		PHYSIS	66		50	151
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.55	=	0.001	0.005		PHYSIS	107	3	58	147
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.0161	=	0.001	0.005		PHYSIS		7		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.445	=	0.001	0.005		PHYSIS	89		50	151
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.474	=	0.001	0.005		PHYSIS	95	7	50	151
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.707	=	0.001	0.005		PHYSIS	130	2	58	147
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.693	=	0.001	0.005		PHYSIS	127		58	147
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.397	=	0.001	0.005		PHYSIS	79		50	151
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.392	=	0.001	0.005		PHYSIS	78	1	50	151
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.565	=	0.001	0.005		PHYSIS	102		58	147
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	0.631	=	0.001	0.005		PHYSIS	112	9	58	147
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Indeno(1,2,3-cd)pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	T111210-9310	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111210-9310	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111210-9310	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	9.4	=	0.005	0.05		CAL	94		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9299	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9299	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	9.5	=		0.05		CAL	95		85	115
WW64	UR2S	1/7/2019	FieldBlank	1	U010230-9338	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010230-9338	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010230-9338	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	9.1	=	0.005	0.05		CAL	91		85	115
WW65	UR3	2/3/2019	FieldBlank	1	U020097-9406	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.008	DNQ	0.005	0.05	IP	CAL				
WW65	UR2S	2/3/2019	Integrated	1	U020097-9406	2	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.07	=	0.005	0.05		CAL		13		
WW65	LABQA	1/1/1950	LabBlank	1	U020097-9406	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020097-9406	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	9.2	=	0.005	0.05		CAL	92		85	115
DW29	UR5	5/8/2019	FieldBlank	1	U050420-9528	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050420-9528	2	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	0.05	=	0.005	0.05		CAL		0		
DW29	LABQA	1/1/1950	LabBlank	1	U050420-9528	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050420-9528	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	9.3	=	0.005	0.05		CAL	93		85	115
DW29	LABQA	1/1/1950	FilterBlank	1	U050420-9528	1	EPA 200.8	Metal	Iron	Dissolved	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-9307	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-9307	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.36	=	0.005	0.05		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-9307	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	T111212-9307	1	EPA 200.8	Metal	Iron	Total	mg/L	1	9.2	=	0.005	0.05		CAL	92		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111178-9296	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-9296	1	EPA 200.8	Metal	Iron	Total	mg/L	1	9.5	=	0.005	0.05		CAL	95		85	115
WW63	UR3	11/29/2018	MS1	1	T111178-9296	1	EPA 200.8	Metal	Iron	Total	mg/L	1	11	=	0.005	0.05		CAL	102		70	130
WW63	UR3	11/29/2018	MS1	1	T111178-9296	2	EPA 200.8	Metal	Iron	Total	mg/L	1	11	=	0.005	0.05		CAL	101	0.9	70	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-9354	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-9354	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.45	=	0.005	0.05		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-9354	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-9354	1	EPA 200.8	Metal	Iron	Total	mg/L	1	9.1	=	0.005	0.05		CAL	91		85	115
WW64	LABQA	1/1/1950	LabBlank	1	U010259-9352	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-9352	1	EPA 200.8	Metal	Iron	Total	mg/L	1	9.2	=	0.005	0.05		CAL	92		85	115
WW64	UR3	1/5/2019	MS1	1	U010259-9352	1	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	94		70	130
WW64	UR3	1/5/2019	MS1	1	U010259-9352	2	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	94	0	70	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-9404	1	EPA 200.8	Metal	Iron	Total	mg/L	1	1.2	=	0.005	0.05		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-9404	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.01	DNQ	0.005	0.05	IP	CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9404	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9404	1	EPA 200.8	Metal	Iron	Total	mg/L	1	9.6	=	0.005	0.05		CAL	96		85	115
WW65	UR5	2/2/2019	MS1	1	U020098-9404	1	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	96		70	130
WW65	UR5	2/2/2019	MS1	1	U020098-9404	2	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	97	1.5	70	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-9523	1	EPA 200.8	Metal	Iron	Total	mg/L	1	0.06	=	0.005	0.05	IP	CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-9523	2	EPA 200.8	Metal	Iron	Total	mg/L	1	0.14	=	0.005	0.05		CAL		7		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-9523	1	EPA 200.8	Metal	Iron	Total	mg/L	1	<0.005	ND	0.005	0.05		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-9523	1	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	103		85	115
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	1	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	103		70	130
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	2	EPA 200.8	Metal	Iron	Total	mg/L	1	10	=	0.005	0.05		CAL	102	1	70	130
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.3	DNQ	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	16	=	0.2	0.5		CAL	82		24	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	16	=	0.2	0.5		CAL	80	1.9	24	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	17	=	0.2	0.5		CAL	86		24	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	19	=	0.2	0.5		CAL	94	9.5	24	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	13	=	0.2	0.5		CAL	62		12	141
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	13	=	0.2	0.5		CAL	63	1.5	12	141
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.2	DNQ	0.2	0.5	FDP	CAL		147		
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	20	=	0.2	0.5		CAL	101		24	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	25	=	0.2	0.5		CAL	126	22	24	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	20	=	0.2	0.5		CAL	101		24	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	25	=	0.2	0.5		CAL	126	22	24	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	10	16	=	2	5	D	CAL	83		12	141
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	10	16	=	2	5	D	CAL	81	1.8	12	141
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.4	DNQ	0.2	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	13	=	0.2	0.5		CAL	66		24	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	20	=	0.2	0.5	IL	CAL	99	41	24	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	14	=	0.2	0.5		CAL	71		12	141
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	16	=	0.2	0.5		CAL	76	6.7	12	141
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	0.4	DNQ	0.2	0.5		CAL		0		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	14	=	0.2	0.5		CAL	69		24	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	15	=	0.2	0.5		CAL	75	8.3	24	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	12	=	0.2	0.5		CAL	60		12	141
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	L-Cyhalothrin	None	ng/L	1	11	=	0.2	0.5		CAL	57	5.1	12	141
WW63	UR2S	11/30/2018	FieldBlank	1	T111210-9310	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.08	DNQ	0.06	0.25	IP	CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111210-9310	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111210-9310	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	19	=	0.06	0.25		CAL	95		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9299	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9299	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	19	=		0.25		CAL	95		85	115
WW64	UR2S	1/7/2019	FieldBlank	1	U010230-9338	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010230-9338	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010230-9338	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	19	=	0.06	0.25		CAL	93		85	115

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR3	2/3/2019	FieldBlank	1	U020097-9406	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW65	UR2S	2/3/2019	Integrated	1	U020097-9406	2	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	0.35	=	0.06	0.25		CAL		0		
WW65	LABQA	1/1/1950	LabBlank	1	U020097-9406	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020097-9406	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	19	=	0.06	0.25		CAL	94		85	115
DW29	UR5	5/8/2019	FieldBlank	1	U050420-9528	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050420-9528	2	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050420-9528	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050420-9528	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	19	=	0.06	0.25		CAL	94		85	115
DW29	LABQA	1/1/1950	FilterBlank	1	U050420-9528	1	EPA 200.8	Metal	Lead	Dissolved	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-9307	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-9307	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.44	=	0.06	0.25		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-9307	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-9307	1	EPA 200.8	Metal	Lead	Total	µg/L	1	20	=	0.06	0.25		CAL	99		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111178-9296	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-9296	1	EPA 200.8	Metal	Lead	Total	µg/L	1	19	=	0.06	0.25		CAL	96		85	115
WW63	UR3	11/29/2018	MS1	1	T111178-9296	1	EPA 200.8	Metal	Lead	Total	µg/L	1	26	=	0.06	0.25		CAL	99		70	130
WW63	UR3	11/29/2018	MS1	1	T111178-9296	2	EPA 200.8	Metal	Lead	Total	µg/L	1	26	=	0.06	0.25		CAL	95	2.7	70	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-9354	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-9354	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.45	=	0.06	0.25		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-9354	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-9354	1	EPA 200.8	Metal	Lead	Total	µg/L	1	20	=	0.06	0.25		CAL	102		85	115
WW64	LABQA	1/1/1950	LabBlank	1	U010259-9352	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-9352	1	EPA 200.8	Metal	Lead	Total	µg/L	1	20	=	0.06	0.25		CAL	98		85	115
WW64	UR3	1/5/2019	MS1	1	U010259-9352	1	EPA 200.8	Metal	Lead	Total	µg/L	1	24	=	0.06	0.25		CAL	96		70	130
WW64	UR3	1/5/2019	MS1	1	U010259-9352	2	EPA 200.8	Metal	Lead	Total	µg/L	1	24	=	0.06	0.25		CAL	95	0.4	70	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-9404	1	EPA 200.8	Metal	Lead	Total	µg/L	1	5.7	=	0.06	0.25		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-9404	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9404	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9404	1	EPA 200.8	Metal	Lead	Total	µg/L	1	20	=	0.06	0.25		CAL	99		85	115
WW65	UR5	2/2/2019	MS1	1	U020098-9404	1	EPA 200.8	Metal	Lead	Total	µg/L	1	19	=	0.06	0.25		CAL	94		70	130
WW65	UR5	2/2/2019	MS1	1	U020098-9404	2	EPA 200.8	Metal	Lead	Total	µg/L	1	19	=	0.06	0.25		CAL	93	0.5	70	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-9523	1	EPA 200.8	Metal	Lead	Total	µg/L	1	0.21	DNQ	0.06	0.25	IP	CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-9523	2	EPA 200.8	Metal	Lead	Total	µg/L	1	0.15	DNQ	0.06	0.25		CAL		7		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-9523	1	EPA 200.8	Metal	Lead	Total	µg/L	1	<0.06	ND	0.06	0.25		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-9523	1	EPA 200.8	Metal	Lead	Total	µg/L	1	21	=	0.06	0.25		CAL	103		85	115
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	1	EPA 200.8	Metal	Lead	Total	µg/L	1	21	=	0.06	0.25		CAL	102		70	130
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	2	EPA 200.8	Metal	Lead	Total	µg/L	1	21	=	0.06	0.25		CAL	101	0.5	70	130
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.559	=	0.0025	0.005		PHYSIS	112		41	150
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.514	=	0.0025	0.005		PHYSIS	103	8	41	150
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.404	=	0.0025	0.005		PHYSIS	81	2	41	150
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.91	=	0.0025	0.005		PHYSIS	167		33	179
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.416	=	0.0025	0.005		PHYSIS	83		41	150
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.94	=	0.0025	0.005		PHYSIS	173	3	33	179
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.447	=	0.0025	0.005		PHYSIS	89	2	41	150
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.456	=	0.0025	0.005		PHYSIS	91		41	150
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.365	=	0.0025	0.005		PHYSIS	73	4	33	179
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.348	=	0.0025	0.005		PHYSIS	70		33	179
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS		0		
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.534	=	0.0025	0.005		PHYSIS	107		41	150
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.533	=	0.0025	0.005		PHYSIS	107	0	41	150
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.805	=	0.0025	0.005		PHYSIS	148		33	179
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.818	=	0.0025	0.005		PHYSIS	150	1	33	179
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.448	=	0.0025	0.005		PHYSIS	90		41	150
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.439	=	0.0025	0.005		PHYSIS	88	2	41	150

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.941	=	0.0025	0.005		PHYSIS	169		33	179
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	0.947	=	0.0025	0.005		PHYSIS	169	0	33	179
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Malathion	None	µg/L	1	<0.0025	ND	0.0025	0.005		PHYSIS				
WW63	UR2S	11/29/2018	FieldBlank	1	T111164-6040	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/29/2018	Grab	2	T111164-6040	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	3.6	=	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-6040	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-6040	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	21	=	0.2	0.5		CAL	105		79	121
WW63	UR3	11/29/2018	MS1	1	T111164-6040	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	34	=	0.2	0.5		CAL	113		71	125
WW63	UR3	11/29/2018	MS1	1	T111164-6040	2	EPA 1631E	Metal	Mercury	Total	ng/L	1	33	=	0.2	0.5		CAL	110	2.1	71	125
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-6081	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-6081	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-6081	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	21	=	0.2	0.5		CAL	107		79	121
WW64	UR5	1/6/2019	Grab	2	U010229-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	2.1	=	0.2	0.5		CAL				
WW64	UR2S	1/6/2019	FieldBlank	1	U010229-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	19	=	0.2	0.5		CAL	95		79	121
WW64	LABQA	1/1/1950	LabBlank	1	U010259-6062	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-6062	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	20	=	0.2	0.5		CAL	102		79	121
WW64	LABQA	1/1/1950	LabBlank	1	U010210-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	19	=	0.2	0.5		CAL	95		79	121
WW64	UR3	1/5/2019	MS1	1	U010210-6064	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	39	=	0.2	0.5		CAL	101		71	125
WW64	UR3	1/5/2019	MS1	1	U010210-6064	2	EPA 1631E	Metal	Mercury	Total	ng/L	1	38	=	0.2	0.5		CAL	97	2.3	71	125
WW65	UR2S	2/2/2019	Grab	2	U020085-6092	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	29	=	0.2	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020085-6092	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	0.22	DNQ	0.2	0.5	IP	CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-6092	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-6092	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	22	=	0.2	0.5		CAL	112		79	121
DW29	UR5	5/7/2019	FieldBlank	1	U050327-6176	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/7/2019	Grab	1	U050327-6176	2	EPA 1631E	Metal	Mercury	Total	ng/L	1	1.2	=	0.2	0.5		CAL		9		
DW29	LABQA	1/1/1950	LabBlank	1	U050327-6176	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050327-6176	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	18	=	0.2	0.5		CAL	90		79	121
DW29	UR2S	5/7/2019	MS1	1	U050327-6176	1	EPA 1631E	Metal	Mercury	Total	ng/L	1	23	=	0.2	0.5		CAL	93		71	125
DW29	UR2S	5/7/2019	MS1	1	U050327-6176	2	EPA 1631E	Metal	Mercury	Total	ng/L	1	23	=	0.2	0.5		CAL	94	0.9	71	125
WW63	UR2S	11/29/2018	FieldBlank	1	T111164-6041	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW63	UR5	11/29/2018	Grab	2	T111164-6041	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.12	=	0.02	0.05		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-6041	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-6041	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.97	=	0.02	0.05		CAL	87		67	133
WW63	UR3	11/29/2018	MS1	1	T111164-6041	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1.1	=	0.02	0.05		CAL	89		65	135
WW63	UR3	11/29/2018	MS1	1	T111164-6041	2	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1	=	0.02	0.05		CAL	86	3.8	65	135
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-6084	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-6084	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-6084	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.86	=	0.02	0.05		CAL	78		67	133
WW64	UR5	1/6/2019	Grab	2	U010229-6070	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.08	=	0.02	0.05		CAL				
WW64	UR2S	1/6/2019	FieldBlank	1	U010229-6070	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-6070	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-6070	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1	=	0.02	0.05		CAL	94		67	133
WW64	UR2S	1/6/2019	MS1 (Field Blank)	1	U010229-6070	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1	=	0.02	0.05		CAL	95		65	135
WW64	UR2S	1/6/2019	MS1 (Field Blank)	1	U010229-6070	2	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1.1	=	0.02	0.05		CAL	97	2.8	65	135
WW64	LABQA	1/1/1950	FilterBlank	1	U010229-6070	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010259-6084	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-6084	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.86	=	0.02	0.05		CAL	78		67	133
WW64	LABQA	1/1/1950	LabBlank	1	U010210-6061	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-6061	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.94	=	0.02	0.05		CAL	85		67	133
WW64	UR3	1/5/2019	MS1	1	U010210-6061	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.96	=	0.02	0.05		CAL	71		65	135
WW64	UR3	1/5/2019	MS1	1	U010210-6061	2	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1	=	0.02	0.05		CAL	76	5.5	65	135
WW65	UR2S	2/2/2019	Grab	2	U020085-6093	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.19	=	0.02	0.05		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020085-6093	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-6093	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-6093	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.91	=	0.02	0.05		CAL	82		67	133
WW65	UR2S	2/2/2019	MS1	1	U020085-6093	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1.1	=	0.02	0.05		CAL	81		65	135
WW65	UR2S	2/2/2019	MS1	1	U020085-6093	2	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1.1	=	0.02	0.05		CAL	82	0.9	65	135
DW29	UR5	5/7/2019	FieldBlank	1	U050327-6171	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
DW29	UR3	5/7/2019	Grab	1	U050327-6171	2	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	0.06	=	0.02	0.05		CAL		15		
DW29	LABQA	1/1/1950	LabBlank	1	U050327-6171	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	<0.02	ND	0.02	0.05		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050327-6171	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1	=	0.02	0.05		CAL	90		67	133
DW29	UR2S	5/7/2019	MS1	1	U050327-6171	1	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1.5	=	0.02	0.05		CAL	89		65	135
DW29	UR2S	5/7/2019	MS1	1	U050327-6171	2	EPA 1630	Metal	Mercury, Methyl	Total	ng/L	1	1.4	=	0.02	0.05		CAL	87	1.4	65	135

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.447	=	0.005	0.01		PHYSIS	89	8	34	155
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.482	=	0.005	0.01		PHYSIS	96		34	155
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.448	=	0.005	0.01		PHYSIS	90	5	34	155
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.474	=	0.005	0.01		PHYSIS	95		34	155
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.943	=	0.005	0.01		PHYSIS	173	0	28	175
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.947	=	0.005	0.01		PHYSIS	174		28	175
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.516	=	0.005	0.01		PHYSIS	103		34	155
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.513	=	0.005	0.01		PHYSIS	103	0	34	155
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.347	=	0.005	0.01		PHYSIS	69		28	175
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.409	=	0.005	0.01		PHYSIS	82	17	28	175
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.554	=	0.005	0.01		PHYSIS	111		34	155
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.544	=	0.005	0.01		PHYSIS	109	2	34	155
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.82	=	0.005	0.01		PHYSIS	151		28	175
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.828	=	0.005	0.01		PHYSIS	152	1	28	175
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.431	=	0.005	0.01		PHYSIS	86		34	155
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.415	=	0.005	0.01		PHYSIS	83	4	34	155
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.82	=	0.005	0.01		PHYSIS	147		28	175
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	0.84	=	0.005	0.01		PHYSIS	149	1	28	175
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Methidathion	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.454	=	0.001	0.002		PHYSIS	91		37	147
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.426	=	0.001	0.002		PHYSIS	85	7	37	147
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.481	=	0.001	0.002		PHYSIS	96		37	147
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.44	=	0.001	0.002		PHYSIS	88	9	37	147
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.809	=	0.001	0.002		PHYSIS	149		18	190
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	1.01	=	0.001	0.002		PHYSIS	186	22	18	190
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.515	=	0.001	0.002		PHYSIS	103	1	37	147
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.522	=	0.001	0.002		PHYSIS	104		37	147
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.414	=	0.001	0.002		PHYSIS	83	13	18	190
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.363	=	0.001	0.002		PHYSIS	73		18	190
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.573	=	0.001	0.002		PHYSIS	115	4	37	147
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.555	=	0.001	0.002		PHYSIS	111		37	147
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	1.02	=	0.001	0.002		PHYSIS	188	7	18	190
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.954	=	0.001	0.002		PHYSIS	175		18	190
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.472	=	0.001	0.002		PHYSIS	94		37	147
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.448	=	0.001	0.002		PHYSIS	90	4	37	147
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.86	=	0.001	0.002		PHYSIS	155		18	190
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	0.875	=	0.001	0.002		PHYSIS	156	1	18	190

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Methyl Parathion	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.313	=	0.005	0.01		PHYSIS	63	9	28	132
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.346	=	0.005	0.01		PHYSIS	69		28	132
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.356	=	0.005	0.01	IL	PHYSIS	71	27	28	132
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.465	=	0.005	0.01		PHYSIS	93		28	132
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.749	=	0.005	0.01		PHYSIS	138		19	160
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.809	=	0.005	0.01		PHYSIS	149	8	19	160
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.325	=	0.005	0.01		PHYSIS	65		19	160
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.374	=	0.005	0.01		PHYSIS	75	11	28	132
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.421	=	0.005	0.01		PHYSIS	84		28	132
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.282	=	0.005	0.01		PHYSIS	56	15	19	160
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.483	=	0.005	0.01		PHYSIS	97	1	28	132
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.492	=	0.005	0.01		PHYSIS	98		28	132
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.661	=	0.005	0.01		PHYSIS	122		19	160
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.72	=	0.005	0.01		PHYSIS	132	8	19	160
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.452	=	0.005	0.01		PHYSIS	90		28	132
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.428	=	0.005	0.01		PHYSIS	86	5	28	132
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.822	=	0.005	0.01		PHYSIS	148		19	160
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	0.789	=	0.005	0.01		PHYSIS	140	6	19	160
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Mevinphos (Phosdrin)	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.297	=	0.001	0.005		PHYSIS	59	7	41	126
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.275	=	0.001	0.005		PHYSIS	55		41	126
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00198	DNQ	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.0012	DNQ	0.001	0.005	IP	PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.433	=	0.001	0.005		PHYSIS	87		41	126
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.418	=	0.001	0.005		PHYSIS	84	4	41	126
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.259	=	0.001	0.005		PHYSIS	46		22	110
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.0058	=	0.001	0.005		PHYSIS		29		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.305	=	0.001	0.005		PHYSIS	55	18	22	110
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.342	=	0.001	0.005		PHYSIS	65		22	110
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.126	=	0.001	0.005		PHYSIS	126	1	41	126
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.125	=	0.001	0.005		PHYSIS	125		41	126
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.0156	=	0.001	0.005		PHYSIS		15		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00162	DNQ	0.001	0.005	IP	PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.32	=	0.001	0.005		PHYSIS	61	8	22	110
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00502	=	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.472	=	0.001	0.005		PHYSIS	94		41	126
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.474	=	0.001	0.005		PHYSIS	95	1	41	126
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00104	DNQ	0.001	0.005	IP	PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.334	=	0.001	0.005		PHYSIS	61		22	110
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00518	=	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00245	DNQ	0.001	0.005		PHYSIS		20		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.358	=	0.001	0.005		PHYSIS	65	6	22	110
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.418	=	0.001	0.005		PHYSIS	84		41	126
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.402	=	0.001	0.005		PHYSIS	80	5	41	126
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00208	DNQ	0.001	0.005		PHYSIS		5		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.406	=	0.001	0.005		PHYSIS	73		22	110

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.401	=	0.001	0.005		PHYSIS	71	3	22	110
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Naphthalene	None	µg/L	1	0.00142	DNQ	0.001	0.005	IP	PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	44	=	-88	-88		PHYSIS	44		44	119
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	60	=	-88	-88		PHYSIS	60	9	44	119
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	55	=	-88	-88		PHYSIS	55		44	119
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	82	=	-88	-88	FDP	PHYSIS	82		20	112
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	72	=	-88	-88		PHYSIS	72		20	112
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	62	=	-88	-88	FDP	PHYSIS	62	27.8	20	112
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	65	=	-88	-88		PHYSIS	65		20	112
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		44	119
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74		44	119
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89	5	44	119
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	62	=	-88	-88		PHYSIS	62		20	112
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	47	=	-88	-88		PHYSIS	47		20	112
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	61	=	-88	-88		PHYSIS	61	26	20	112
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	59	=	-88	-88		PHYSIS	59	5	20	112
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74		20	112
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	48	=	-88	-88		PHYSIS	48		20	112
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	83	=	-88	-88		PHYSIS	83		44	119
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	44	=	-88	-88		PHYSIS	44		44	119
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	72	=	-88	-88		PHYSIS	72	14	44	119
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	69	=	-88	-88		PHYSIS	69	6	20	112
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	77	=	-88	-88		PHYSIS	77	15	20	112
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	73	=	-88	-88		PHYSIS	73		20	112
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	66	=	-88	-88		PHYSIS	66		20	112
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	66	=	-88	-88		PHYSIS	66		20	112
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	58	=	-88	-88		PHYSIS	58		20	112
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94	0	44	119
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		44	119
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	62	=	-88	-88		PHYSIS	62		44	119
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	68	=	-88	-88		PHYSIS	68		20	112
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	70	=	-88	-88		PHYSIS	70		20	112
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	67	=	-88	-88		PHYSIS	67		20	112
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	61	=	-88	-88		PHYSIS	61		20	112
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	65	=	-88	-88		PHYSIS	65	6	20	112
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	64	=	-88	-88		PHYSIS	64	8	20	112
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	60	=	-88	-88		PHYSIS	60		20	112
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	69	=	-88	-88		PHYSIS	69		20	112
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	77	=	-88	-88		PHYSIS	77		44	119
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89		44	119
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85	5	44	119
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	78	=	-88	-88		PHYSIS	78		20	112
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	75	=	-88	-88		PHYSIS	75	4	20	112
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	76	=	-88	-88		PHYSIS	76		20	112
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	72	=	-88	-88		PHYSIS	72	5	20	112
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74		20	112
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	69	=	-88	-88		PHYSIS	69		20	112
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	Naphthalene-d8 (Surrogate)	None	%	1	78	=	-88	-88		PHYSIS	78		20	112
WW63	UR5	11/30/2018	Integrated	2	T111212-14199	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.45	=	0.07	0.1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-14199	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-14199	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.95	=	0.07	0.1		CAL	95		90	110
WW63	LABQA	1/1/1950	LabBlank	1	T111178-14199	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-14199	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.95	=	0.07	0.1		CAL	95		90	110
WW64	UR5	1/7/2019	Integrated	2	U010275-14298	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.27	=	0.07	0.1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-14298	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-14298	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	1	=	0.07	0.1		CAL	103		90	110
WW64	LABQA	1/1/1950	LabBlank	1	U010259-14298	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-14298	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	1	=	0.07	0.1		CAL	103		90	110
WW65	UR2S	2/2/2019	Integrated	2	U020098-14421	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.34	=	0.07	0.1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-14421	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-14421	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.94	=	0.07	0.1		CAL	95		90	110
WW65	UR3	2/2/2019	MS1	1	U020098-14421	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	1.2	=	0.07	0.1		CAL	91		90	110
WW65	UR3	2/2/2019	MS1	1	U020098-14421	2	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	1.1	=	0.07	0.1	GB	CAL	88	2.6	90	110
DW29	UR3	5/8/2019	Integrated	1	U050419-14701	2	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	5	4.3	=	0.35	0.5	D	CAL		2		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-14701	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-14701	1	EPA 353.2/SM4500-NO3	Nutrient	Nitrate + Nitrite as N	None	mg/L	1	0.92	=	0.07	0.1		CAL	92		90	110
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		57	133

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94	1	57	133
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		57	133
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	118	=	-88	-88		PHYSIS	118		25	130
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	120	=	-88	-88		PHYSIS	120		25	130
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	123	=	-88	-88		PHYSIS	123		25	130
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	114	=	-88	-88		PHYSIS	114		25	130
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		25	130
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		25	130
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96	1	57	133
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	104	=	-88	-88		PHYSIS	104		57	133
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		57	133
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	6	25	130
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90	1	25	130
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	76	=	-88	-88		PHYSIS	76		25	130
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85	15	57	133
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	79	=	-88	-88		PHYSIS	79		57	133
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		57	133
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74	3	25	130
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	84	=	-88	-88		PHYSIS	84	6	25	130
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89		25	130
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		25	130
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		25	130
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	79	=	-88	-88		PHYSIS	79		25	130
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		25	130
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107		57	133
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101	6	57	133
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		57	133
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		25	130
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		25	130
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80		25	130
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		25	130
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		25	130
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89		25	130
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82	2	25	130
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	81	=	-88	-88		PHYSIS	81	9	25	130
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		57	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		57	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93	9	57	133
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		25	130
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	7	25	130
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		25	130
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86	14	25	130
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		25	130
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		25	130
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	PCB 030 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89		25	130
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102	8	65	133
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	109	=	-88	-88		PHYSIS	109		65	133
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	110	=	-88	-88		PHYSIS	110		65	133
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	121	=	-88	-88		PHYSIS	121		34	132
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	129	=	-88	-88		PHYSIS	129		34	132
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	121	=	-88	-88		PHYSIS	121		34	132
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	123	=	-88	-88		PHYSIS	123		34	132
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101		65	133
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		65	133
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97	0	65	133
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101		34	132
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	116	=	-88	-88		PHYSIS	116	3	34	132
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	113	=	-88	-88		PHYSIS	113		34	132
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103	2	34	132
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101	1	65	133
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		65	133
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96	4	34	132
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		34	132
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	116	=	-88	-88		PHYSIS	116		34	132
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	106	=	-88	-88		PHYSIS	106		34	132
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	104	=	-88	-88		PHYSIS	104	2	34	132
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107		34	132

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	132	=	-88	-88		PHYSIS	132		34	132
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		65	133
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	119	=	-88	-88		PHYSIS	119		34	132
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		65	133
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		65	133
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92	7	65	133
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	119	=	-88	-88		PHYSIS	119		34	132
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107		34	132
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		34	132
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	117	=	-88	-88		PHYSIS	117		34	132
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93	2	34	132
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	104	=	-88	-88		PHYSIS	104		34	132
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94	10	34	132
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	118	=	-88	-88		PHYSIS	118		34	132
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		65	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107		65	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	9	65	133
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		34	132
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99	3	34	132
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		34	132
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93	9	34	132
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		34	132
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		34	132
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	PCB 112 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		34	132
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		69	133
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96	6	69	133
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	106	=	-88	-88		PHYSIS	106		69	133
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	68	=	-88	-88		PHYSIS	68		30	136
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	68	=	-88	-88		PHYSIS	68		30	136
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	62	=	-88	-88		PHYSIS	62		30	136
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	59	=	-88	-88		PHYSIS	59		30	136
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89	5	69	133
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85		69	133
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		69	133
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	83	=	-88	-88		PHYSIS	83	1	30	136
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		30	136
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	83	=	-88	-88		PHYSIS	83	10	30	136
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		30	136
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107	3	69	133
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80		30	136
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	104	=	-88	-88		PHYSIS	104		69	133
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	64	=	-88	-88		PHYSIS	64		30	136
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	114	=	-88	-88		PHYSIS	114		69	133
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	88	=	-88	-88		PHYSIS	88	3	30	136
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		30	136
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	65	=	-88	-88		PHYSIS	65	2	30	136
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	76	=	-88	-88		PHYSIS	76		30	136
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	77	=	-88	-88		PHYSIS	77		30	136
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	73	=	-88	-88		PHYSIS	73		30	136
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		69	133
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95	2	69	133
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105		69	133
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	75	=	-88	-88		PHYSIS	75		30	136
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80		30	136
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	67	=	-88	-88		PHYSIS	67		30	136
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	73	=	-88	-88		PHYSIS	73		30	136
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	88	=	-88	-88		PHYSIS	88		30	136
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	11	30	136
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	3	30	136
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		30	136
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89		69	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101		69	133
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	15	69	133
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		30	136
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99	0	30	136
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		30	136
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87	9	30	136

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		30	136
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		30	136
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	PCB 198 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		30	136
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	87	=	2	10		CAL	87		40	135
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	81	=	2	10		CAL	81	7.2	40	135
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	86	=	2	10		CAL	86		40	135
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	100	=	2	10		CAL	101	16	40	135
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	120	=	2	10		CAL	110		40	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	120	=	2	10		CAL	111	0.9	40	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	97	=	2	10		CAL	97		40	135
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	110	=	2	10		CAL	106	9	40	135
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	97	=	2	10		CAL	97		40	135
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	110	=	2	10		CAL	106	9	40	135
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	10	94	=	20	50	D	CAL	94		40	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	10	87	=	20	50	D	CAL	87	8.4	40	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	63	=	2	10		CAL	63		40	135
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	95	=	2	10	IL	CAL	95	40	40	135
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	75	=	2	10		CAL	72		40	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	76	=	2	10		CAL	73	1.1	40	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	<2	ND	2	10		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	77	=	2	10		CAL	77		40	135
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	83	=	2	10		CAL	83	7	40	135
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	68	=	2	10		CAL	68		40	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Permethrin	None	ng/L	1	64	=	2	10		CAL	65	4.7	40	130
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.476	=	0.001	0.005		PHYSIS	95	2	48	141
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.484	=	0.001	0.005		PHYSIS	97		48	141
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.457	=	0.001	0.005		PHYSIS	91		48	141
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.452	=	0.001	0.005		PHYSIS	90	1	48	141
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.492	=	0.001	0.005		PHYSIS	90		34	147
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.509	=	0.001	0.005		PHYSIS	94	4	34	147
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.398	=	0.001	0.005		PHYSIS	80		48	141
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.431	=	0.001	0.005		PHYSIS	86	7	48	141
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.472	=	0.001	0.005		PHYSIS	83		34	147
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.479	=	0.001	0.005		PHYSIS	85	2	34	147
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.0563	=	0.001	0.005		PHYSIS		2		
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.00159	DNQ	0.001	0.005	IP	PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.0143	=	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.509	=	0.001	0.005		PHYSIS	102	2	48	141
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.52	=	0.001	0.005		PHYSIS	104		48	141
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.562	=	0.001	0.005		PHYSIS	103	0	34	147
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.558	=	0.001	0.005		PHYSIS	103		34	147
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.468	=	0.001	0.005		PHYSIS	94		48	141
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.454	=	0.001	0.005		PHYSIS	91	3	48	141

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Perylene	None	µg/L	1	0.527	=	0.001	0.005		PHYSIS	95		34	147
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Perylene	None	µg/L	1	0.556	=	0.001	0.005		PHYSIS	99	4	34	147
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Perylene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		36	161
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		36	161
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	88	=	-88	-88		PHYSIS	88		36	161
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		36	161
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		36	161
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	4	36	161
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		36	161
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		36	161
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100	14	36	161
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101		36	161
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87		36	161
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		36	161
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85	17	36	161
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93	0	36	161
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90	7	36	161
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		36	161
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		36	161
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	5	36	161
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		36	161
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		36	161
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91	1	36	161
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	84	=	-88	-88		PHYSIS	84		36	161
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		36	161
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		36	161
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		36	161
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		36	161
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		36	161
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	104	=	-88	-88		PHYSIS	104		36	161
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101		36	161
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	112	=	-88	-88		PHYSIS	112	6	36	161
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105		36	161
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103	2	36	161
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	106	=	-88	-88		PHYSIS	106		36	161
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	108	=	-88	-88		PHYSIS	108		36	161
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	108	=	-88	-88		PHYSIS	108	2	36	161
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101		36	161
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		36	161
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		36	161
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97	3	36	161
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		36	161
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100	2	36	161
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		36	161
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	104	=	-88	-88		PHYSIS	104	5	36	161
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		36	161
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		36	161
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	Perylene-d12 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		36	161
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.461	=	0.001	0.005		PHYSIS	92	1	67	127
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.465	=	0.001	0.005		PHYSIS	93		67	127
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00214	DNQ	0.001	0.005	IP	PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00395	DNQ	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.501	=	0.001	0.005		PHYSIS	100		67	127
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.55	=	0.001	0.005		PHYSIS	96		64	121
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.546	=	0.001	0.005		PHYSIS	95	1	64	121
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0293	=	0.001	0.005		PHYSIS		10		
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.477	=	0.001	0.005		PHYSIS	95	5	67	127
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.438	=	0.001	0.005		PHYSIS	88	2	67	127
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.506	=	0.001	0.005		PHYSIS	95		64	121
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00506	=	0.001	0.005		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00198	DNQ	0.001	0.005	IP	PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0327	=	0.001	0.005		PHYSIS		7		

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.43	=	0.001	0.005		PHYSIS	86		67	127
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.506	=	0.001	0.005		PHYSIS	95	0	64	121
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.521	=	0.001	0.005		PHYSIS	104		67	127
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.54	=	0.001	0.005		PHYSIS	108	4	67	127
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00155	DNQ	0.001	0.005	IP	PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.0157	=	0.001	0.005	FDP	PHYSIS		34		
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.555	=	0.001	0.005		PHYSIS	101	1	64	121
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.55	=	0.001	0.005		PHYSIS	100		64	121
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.00504	=	0.001	0.005		PHYSIS		12		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.481	=	0.001	0.005		PHYSIS	96		67	127
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.468	=	0.001	0.005		PHYSIS	94	2	67	127
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.521	=	0.001	0.005		PHYSIS	94		64	121
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Phenanthrene	None	µg/L	1	0.543	=	0.001	0.005		PHYSIS	97	3	64	121
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Phenanthrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		56	123
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99	3	80	111
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		80	111
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		56	123
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		56	123
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	102	=	-88	-88		PHYSIS	102		80	111
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103		56	123
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		80	111
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93	0	56	123
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90	7	80	111
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		56	123
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		56	123
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96	1	56	123
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		80	111
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103		56	123
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97	2	80	111
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103	0	56	123
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	5	56	123
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		56	123
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		56	123
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87		56	123
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		56	123
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	93	=	-88	-88		PHYSIS	93		56	123
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		80	111
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85		80	111
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	114	=	-88	-88		PHYSIS	114		56	123
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		56	123
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	106	=	-88	-88		PHYSIS	106		56	123
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	105	=	-88	-88		PHYSIS	105		56	123
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	112	=	-88	-88		PHYSIS	112		56	123
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	107	=	-88	-88		PHYSIS	107	2	56	123
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	112	=	-88	-88		PHYSIS	112	0	56	123
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	99	=	-88	-88		PHYSIS	99		80	111
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	103	=	-88	-88		PHYSIS	103	6	80	111
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	109	=	-88	-88		PHYSIS	109		80	111
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	109	=	-88	-88		PHYSIS	109		56	123
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	95	=	-88	-88		PHYSIS	95		80	111
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		80	111
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96	2	80	111
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		56	123
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98	2	56	123
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		56	123
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	101	=	-88	-88		PHYSIS	101	4	56	123
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		56	123
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		56	123
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	Phenanthrene-d10 (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		56	123
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.432	=	0.005	0.01		PHYSIS	86		29	149
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.404	=	0.005	0.01		PHYSIS	81	6	29	149
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.448	=	0.005	0.01		PHYSIS	90		29	149
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.426	=	0.005	0.01		PHYSIS	85	6	29	149
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.71	=	0.005	0.01		PHYSIS	131		21	151
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.771	=	0.005	0.01		PHYSIS	142	8	21	151
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.432	=	0.005	0.01		PHYSIS	86		21	151
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.415	=	0.005	0.01		PHYSIS	83		29	149
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.382	=	0.005	0.01		PHYSIS	76	9	29	149
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.408	=	0.005	0.01		PHYSIS	82	5	21	151
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.485	=	0.005	0.01		PHYSIS	97		29	149
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.457	=	0.005	0.01		PHYSIS	91	6	29	149
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.603	=	0.005	0.01		PHYSIS	111	7	21	151
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.566	=	0.005	0.01		PHYSIS	104		21	151
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.449	=	0.005	0.01		PHYSIS	90		29	149
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.427	=	0.005	0.01		PHYSIS	85	6	29	149
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.645	=	0.005	0.01		PHYSIS	116		21	151
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	0.676	=	0.005	0.01		PHYSIS	120	3	21	151
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Phorate	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.489	=	0.005	0.01		PHYSIS	98	10	47	141
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.539	=	0.005	0.01		PHYSIS	108		47	141
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.482	=	0.005	0.01		PHYSIS	96		47	141
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.447	=	0.005	0.01		PHYSIS	89	8	47	141
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.854	=	0.005	0.01		PHYSIS	157		34	180
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	1.05	=	0.005	0.01	GB	PHYSIS	193	21	34	180
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.397	=	0.005	0.01		PHYSIS	79		34	180
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.625	=	0.005	0.01		PHYSIS	125	8	47	141
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.574	=	0.005	0.01		PHYSIS	115		47	141
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.439	=	0.005	0.01		PHYSIS	88	11	34	180
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.601	=	0.005	0.01		PHYSIS	120	2	47	141
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.617	=	0.005	0.01		PHYSIS	123		47	141
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.858	=	0.005	0.01		PHYSIS	158	0	34	180
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.86	=	0.005	0.01		PHYSIS	158		34	180
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.462	=	0.005	0.01		PHYSIS	92		47	141
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.428	=	0.005	0.01		PHYSIS	86	7	47	141
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.805	=	0.005	0.01		PHYSIS	145		34	180
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	0.825	=	0.005	0.01		PHYSIS	147	1	34	180
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Phosmet	None	µg/L	1	<0.005	ND	0.005	0.01		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	T111212-14234	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.31	=	0.007	0.01		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-14234	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	<0.007	ND	0.007	0.01		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-14234	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1.1	=	0.007	0.01		CAL	106		90	110

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW63	UR5	11/30/2018	MS1	2	T111212-14234	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1.4	=	0.007	0.01		CAL	105		90	110
WW63	UR5	11/30/2018	MS1	2	T111212-14234	2	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1.3	=	0.007	0.01		CAL	97	6.1	90	110
WW63	LABQA	1/1/1950	LabBlank	1	T111178-14204	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	<0.007	ND	0.007	0.01		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-14204	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.2	=	0.007	0.01		CAL	102		90	110
WW64	UR5	1/7/2019	Integrated	2	U010275-14300	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.23	=	0.007	0.01		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-14300	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	<0.007	ND	0.007	0.01		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-14300	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1	=	0.007	0.01		CAL	100		90	110
WW64	LABQA	1/1/1950	LabBlank	1	U010259-14300	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	<0.007	ND	0.007	0.01		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-14300	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1	=	0.007	0.01		CAL	100		90	110
WW65	UR2S	2/2/2019	Integrated	2	U020098-14413	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.22	=	0.007	0.01		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-14413	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	<0.007	ND	0.007	0.01		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-14413	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1.1	=	0.007	0.01		CAL	107		90	110
DW29	UR3	5/8/2019	Integrated	1	U050419-14688	2	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	0.13	=	0.007	0.01		CAL		8		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-14688	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	<0.007	ND	0.007	0.01		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-14688	1	SM 4500-P B/F (Low Level)	Nutrient	Phosphorus as P	Total	mg/L	1	1	=	0.007	0.01		CAL	100		90	110
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.554	=	0.001	0.005		PHYSIS	111	3	54	156
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.572	=	0.001	0.005		PHYSIS	114		54	156
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.479	=	0.001	0.005		PHYSIS	96	3	54	156
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.496	=	0.001	0.005		PHYSIS	99		54	156
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.626	=	0.001	0.005		PHYSIS	105		65	146
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0683	=	0.001	0.005	IL	PHYSIS		39		
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.619	=	0.001	0.005		PHYSIS	103	2	65	146
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.475	=	0.001	0.005		PHYSIS	95	11	54	156
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.427	=	0.001	0.005		PHYSIS	85		54	156
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0613	=	0.001	0.005		PHYSIS		11		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.575	=	0.001	0.005		PHYSIS	103		65	146
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.00446	DNQ	0.001	0.005		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.584	=	0.001	0.005		PHYSIS	105	2	65	146
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.572	=	0.001	0.005		PHYSIS	114	2	54	156
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.578	=	0.001	0.005		PHYSIS	116		54	156
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0328	=	0.001	0.005	FDP	PHYSIS		26.5		
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.729	=	0.001	0.005		PHYSIS	133		65	146
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0057	=	0.001	0.005		PHYSIS		1		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.694	=	0.001	0.005		PHYSIS	127	5	65	146
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.526	=	0.001	0.005		PHYSIS	105		54	156
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.507	=	0.001	0.005		PHYSIS	101	4	54	156
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.0016	DNQ	0.001	0.005		PHYSIS		19		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	PAH	Pyrene	None	µg/L	1	0.611	=	0.001	0.005		PHYSIS	110		65	146
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	PAH	Pyrene	None	µg/L	1	0.653	=	0.001	0.005		PHYSIS	116	5	65	146
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	PAH	Pyrene	None	µg/L	1	<0.001	ND	0.001	0.005		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	T111212-20086	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	11	=	2	3		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-20086	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-20086	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	441	=	2	3		CAL	88		80	120
WW63	LABQA	1/1/1950	LCS	1	T111212-20086	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	447	=	2	3		CAL	89	1.4	80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-20086	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-20086	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	441	=	2	3		CAL	88		80	120
WW63	LABQA	1/1/1950	LCS	1	T111178-20086	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	447	=	2	3		CAL	89	1.4	80	120
WW64	UR5	1/7/2019	Integrated	2	U010275-20230	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	11	=	2	3		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-20230	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-20230	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	478	=	2	3		CAL	96		80	120
WW64	LABQA	1/1/1950	LCS	1	U010275-20230	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	430	=	2	3		CAL	86	11	80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-20230	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-20230	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	478	=	2	3		CAL	96		80	120
WW64	LABQA	1/1/1950	LCS	1	U010259-20230	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	430	=	2	3		CAL	86	11	80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-20325	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	723	=	2	3	FDP	CAL		139		
WW65	LABQA	1/1/1950	LabBlank	1	U020098-20325	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-20325	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	500	=	2	3		CAL	100		80	120
WW65	LABQA	1/1/1950	LCS	1	U020098-20325	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	494	=	2	3		CAL	99	1.2	80	120

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR3	5/8/2019	Integrated	1	U050419-20704	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	2.8	DNQ	2	3		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-20704	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	<2	ND	2	3		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-20704	1	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	496	=	2	3		CAL	99		80	120
DW29	LABQA	1/1/1950	LCS	1	U050419-20704	2	ASTM D 3977-97 B-Filtration	Conventional	Suspended Sediment Concentration	Total	mg/L	1	500	=	2	3		CAL	100	0.8	80	120
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	16	=	0.2	0.5		CAL	83		18	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	17	=	0.2	0.5		CAL	84	1.8	18	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	17	=	0.2	0.5		CAL	84		18	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	20	=	0.2	0.5		CAL	99	17	18	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	20	=	0.2	0.5		CAL	99		13	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	19	=	0.2	0.5		CAL	97	1.5	13	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	21	=	0.2	0.5		CAL	104		18	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	23	=	0.2	0.5		CAL	114	8.7	18	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	21	=	0.2	0.5		CAL	104		18	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	23	=	0.2	0.5		CAL	114	8.7	18	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	10	16	=	2	5	D	CAL	79		13	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	10	18	=	2	5	D	CAL	88	10	13	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	13	=	0.2	0.5		CAL	65		18	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	20	=	0.2	0.5	IL	CAL	100	43	18	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	15	=	0.2	0.5		CAL	76		13	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	16	=	0.2	0.5		CAL	79	3.9	13	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	14	=	0.2	0.5		CAL	71		18	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	14	=	0.2	0.5		CAL	73	2.8	18	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	12	=	0.2	0.5		CAL	60		13	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Tau-Fluvalinate	None	ng/L	1	11	=	0.2	0.5		CAL	57	4.3	13	130
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80		39	135
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86	0	39	135
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		39	135
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	117	=	-88	-88		PHYSIS	117		6	124
WW63	UR5	11/30/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	114	=	-88	-88		PHYSIS	114		6	124
WW63	UR2S	11/29/2018	Integrated	1	O-22008	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	119	=	-88	-88		PHYSIS	119		6	124
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	113	=	-88	-88		PHYSIS	113		6	124
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		39	135
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91		39	135
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	91	=	-88	-88		PHYSIS	91	0	39	135
WW63	UR3	11/29/2018	Integrated	1	O-22020	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	84	=	-88	-88		PHYSIS	84		6	124
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	79	=	-88	-88		PHYSIS	79	7	6	124
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	85	=	-88	-88		PHYSIS	85	1	6	124
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74		6	124
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	45	=	-88	-88		PHYSIS	45		39	135
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	92	=	-88	-88		PHYSIS	92		39	135
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		6	124
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	68	=	-88	-88		PHYSIS	68	30	39	135
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	77	=	-88	-88		PHYSIS	77	6	6	124
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	70	=	-88	-88		PHYSIS	70	4	6	124
WW64	UR3	1/5/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	73	=	-88	-88		PHYSIS	73		6	124
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	62	=	-88	-88		PHYSIS	62		6	124
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	80	=	-88	-88		PHYSIS	80		6	124
WW64	UR2S	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		6	124
WW64	UR5	1/7/2019	Integrated	1	O-22046	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	75	=	-88	-88		PHYSIS	75		6	124
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	87	=	-88	-88		PHYSIS	87		39	135
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	89	=	-88	-88		PHYSIS	89	10	39	135
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	98	=	-88	-88		PHYSIS	98		39	135
WW65	UR3	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	100	=	-88	-88		PHYSIS	100		6	124

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	81	=	-88	-88		PHYSIS	81		6	124
WW65	UR2S	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	94	=	-88	-88		PHYSIS	94		6	124
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74	15	6	124
WW65	UR5	2/2/2019	Integrated	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	86	=	-88	-88		PHYSIS	86		6	124
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		6	124
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	74	=	-88	-88		PHYSIS	74	6	6	124
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	70	=	-88	-88		PHYSIS	70		6	124
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		39	135
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	97	=	-88	-88		PHYSIS	97		39	135
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90	7	39	135
DW29	UR3	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	88	=	-88	-88		PHYSIS	88		6	124
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	81	=	-88	-88		PHYSIS	81	8	6	124
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	96	=	-88	-88		PHYSIS	96		6	124
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82	16	6	124
DW29	UR2S	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	90	=	-88	-88		PHYSIS	90		6	124
DW29	UR5	5/8/2019	Integrated	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		6	124
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	Surrogate	Tetrachloro-m-xylene (Surrogate)	None	%	1	82	=	-88	-88		PHYSIS	82		6	124
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.508	=	0.002	0.004		PHYSIS	102		57	138
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.47	=	0.002	0.004		PHYSIS	94	8	57	138
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.407	=	0.002	0.004		PHYSIS	81	7	57	138
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	1.04	=	0.002	0.004		PHYSIS	191		42	196
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.435	=	0.002	0.004		PHYSIS	87		57	138
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	1.065	=	0.002	0.004		PHYSIS	196	2	42	196
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.47	=	0.002	0.004		PHYSIS	94	3	57	138
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.455	=	0.002	0.004		PHYSIS	91		57	138
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.341	=	0.002	0.004		PHYSIS	68	14	42	196
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.294	=	0.002	0.004		PHYSIS	59		42	196
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.525	=	0.002	0.004		PHYSIS	105		57	138
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.508	=	0.002	0.004		PHYSIS	102	3	57	138
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.91	=	0.002	0.004		PHYSIS	167		42	196
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.904	=	0.002	0.004		PHYSIS	166	1	42	196
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.417	=	0.002	0.004		PHYSIS	83		57	138
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	0.408	=	0.002	0.004		PHYSIS	82	1	57	138
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	1.2	=	0.002	0.004	GB	PHYSIS	216		42	196
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	1.21	=	0.002	0.004	GB	PHYSIS	215	0	42	196
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Tetrachlorvinphos (Stirofos)	None	µg/L	1	<0.002	ND	0.002	0.004		PHYSIS				
WW63	UR3	11/29/2018	Grab	1	T111164-2891	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.031	61	=	-88	-88		CAL	61		37	134
WW63	UR2S	11/29/2018	Grab	1	T111164-2891	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.087	75	=	-88	-88		CAL	75		37	134
WW63	UR5	11/29/2018	Grab	1	T111164-2891	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.042	84	=	-88	-88		CAL	84		37	134
WW63	UR5	11/29/2018	Grab	2	T111164-2891	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.042	81	=	-88	-88		CAL	81		37	134
WW63	LABQA	1/1/1950	LabBlank	1	T111164-2891	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	94	=	-88	-88		CAL	94		37	134
WW63	LABQA	1/1/1950	LCS	1	T111164-2891	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	89	=	-88	-88		CAL	89		37	134
WW64	UR2S	1/6/2019	Grab	1	U010229-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.031	54	=	-88	-88		CAL	54		44	127
WW64	UR5	1/6/2019	Grab	1	U010229-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.031	90	=	-88	-88		CAL	90		44	127
WW64	UR5	1/6/2019	Grab	2	U010229-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.042	93	=	-88	-88		CAL	93		44	127
WW64	LABQA	1/1/1950	LabBlank	1	U010229-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	99	=	-88	-88		CAL	99		44	127
WW64	LABQA	1/1/1950	LCS	1	U010229-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	97	=	-88	-88		CAL	97		44	127
WW64	UR3	1/5/2019	Grab	1	U010210-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.099	100	=	-88	-88		CAL	100		44	127
WW64	LABQA	1/1/1950	LabBlank	1	U010210-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	99	=	-88	-88		CAL	99		44	127
WW64	LABQA	1/1/1950	LCS	1	U010210-2934	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	97	=	-88	-88		CAL	97		44	127
WW65	UR2S	2/2/2019	Grab	1	U020085-3012	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.099	84	=	-88	-88	FDP	CAL	84		44	127
WW65	UR2S	2/2/2019	Grab	2	U020085-3012	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.064	47	=	-88	-88	FDP	CAL	47	56.5	44	127

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR3	2/2/2019	Grab	1	U020085-3012	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.087	57	=	-88	-88		CAL	57		44	127
WW65	UR5	2/2/2019	Grab	1	U020085-3012	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	82	=	-88	-88		CAL	82		44	127
WW65	LABQA	1/1/1950	LabBlank	1	U020085-3012	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	85	=	-88	-88		CAL	85		44	127
WW65	LABQA	1/1/1950	LCS	1	U020085-3012	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	72	=	-88	-88		CAL	72		44	127
DW29	UR3	5/7/2019	Grab	1	U050327-3181	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.124	67	=	-88	-88		CAL	67		44	127
DW29	UR2S	5/7/2019	Grab	1	U050327-3181	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.042	52	=	-88	-88		CAL	52		44	127
DW29	UR5	5/7/2019	Grab	1	U050327-3181	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.042	51	=	-88	-88		CAL	51		44	127
DW29	UR3	5/7/2019	Grab	1	U050327-3181	2	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1.053	68	=	-88	-88		CAL	68	2	44	127
DW29	LABQA	1/1/1950	LabBlank	1	U050327-3181	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	61	=	-88	-88		CAL	61		44	127
DW29	LABQA	1/1/1950	LCS	1	U050327-3181	1	EPA 8015M	Surrogate	Tetracosane (Surrogate)	None	%	1	64	=	-88	-88		CAL	64		44	127
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-4705	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4705	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	16	=	0.2	0.5		CAL	81		29	130
WW63	LABQA	1/1/1950	LCS	1	T111212-4705	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	14	=	0.2	0.5		CAL	71	13	29	130
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4704	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	15	=	0.2	0.5		CAL	77		29	130
WW63	LABQA	1/1/1950	LCS	1	T111178-4704	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	17	=	0.2	0.5		CAL	86	11	29	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	26	=	0.2	0.5		CAL	130		28	130
WW63	UR3	11/29/2018	MS1	1	T111178-4704	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	26	=	0.2	0.5		CAL	130	0	28	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	16	=	0.2	0.5		CAL	82		29	130
WW64	LABQA	1/1/1950	LCS	1	U010275-4725	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	20	=	0.2	0.5		CAL	99	19	29	130
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	16	=	0.2	0.5		CAL	82		29	130
WW64	LABQA	1/1/1950	LCS	1	U010259-4725	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	20	=	0.2	0.5		CAL	99	19	29	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	10	19	=	2	5	D	CAL	96		28	130
WW64	UR3	1/5/2019	MS1	1	U010259-4725	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	10	19	=	2	5	D	CAL	95	0.5	28	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-4746	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	12	=	0.2	0.5		CAL	59		29	130
WW65	LABQA	1/1/1950	LCS	1	U020098-4746	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	17	=	0.2	0.5	IL	CAL	87	39	29	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	13	=	0.2	0.5		CAL	66		28	130
WW65	UR5	2/2/2019	MS1	1	U020098-4746	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	12	=	0.2	0.5		CAL	62	6.3	28	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-4818	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	<0.2	ND	0.2	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	12	=	0.2	0.5		CAL	58		29	130
DW29	LABQA	1/1/1950	LCS	1	U050419-4818	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	11	=	0.2	0.5		CAL	57	2.6	29	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	1	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	7.8	=	0.2	0.5		CAL	39		28	130
DW29	UR2S	5/8/2019	MS1	1	U050419-4818	2	EPA 8270M	Pyrethroid	Tetramethrin	None	ng/L	1	8	=	0.2	0.5		CAL	40	1.9	28	130
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.495	=	0.003	0.006		PHYSIS	99		74	136
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.463	=	0.003	0.006		PHYSIS	93	6	74	136
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.46	=	0.003	0.006		PHYSIS	92		74	136
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.447	=	0.003	0.006		PHYSIS	89	3	74	136
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.876	=	0.003	0.006		PHYSIS	161	0	44	163
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.879	=	0.003	0.006		PHYSIS	161		44	163
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.439	=	0.003	0.006		PHYSIS	88		74	136
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.462	=	0.003	0.006		PHYSIS	92	4	74	136
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.409	=	0.003	0.006		PHYSIS	82	2	44	163
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.418	=	0.003	0.006		PHYSIS	84		44	163
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.497	=	0.003	0.006		PHYSIS	99		74	136
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.492	=	0.003	0.006		PHYSIS	98	1	74	136
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.686	=	0.003	0.006		PHYSIS	126		44	163
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.697	=	0.003	0.006		PHYSIS	128	2	44	163
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.494	=	0.003	0.006		PHYSIS	99		74	136
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.448	=	0.003	0.006		PHYSIS	90	10	74	136
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.776	=	0.003	0.006		PHYSIS	140		44	163
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	0.78	=	0.003	0.006		PHYSIS	139	1	44	163
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Tokuthion (Prothiofos)	None	µg/L	1	<0.003	ND	0.003	0.006		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	T111212-6993	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	86	=	4	10		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-6993	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	<4	ND	4	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-6993	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	2	470	=	8	20	D	CAL	95		80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-6993	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	<4	ND	4	10		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-6993	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	2	470	=	8	20	D	CAL	95		80	120
WW64	UR5	1/7/2019	Integrated	2	U010275-7031	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	88	=	4	10		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-7031	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	<4	ND	4	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-7031	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	2	490	=	8	20	D	CAL	98		80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-7030	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	<4	ND	4	10		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-7030	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	2	470	=	8	20	D	CAL	95		80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-7073	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	28	=	4	10		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-7073	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	<4	ND	4	10		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-7073	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	2	470	=	8	20	D	CAL	93		80	120
DW29	UR3	5/8/2019	Integrated	1	U050419-7160	2	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	260	=	4	10		CAL		4		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-7160	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	1	<4	ND	4	10		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-7160	1	SM20-2540 C	Conventional	Total Dissolved Solids	Dissolved	mg/L	2	510	=	8	20	D	CAL	101		80	120
WW63	UR5	11/30/2018	Integrated	2	T111212-4824	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.4	=	0.07	0.1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-4824	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-4824	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.1	=	0.07	0.1		CAL	101		90	110
WW63	LABQA	1/1/1950	LCS	1	T111212-4824	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.3	=	0.07	0.1		CAL	106	4.3	90	110
WW63	LABQA	1/1/1950	LabBlank	1	T111178-4824	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-4824	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.1	=	0.07	0.1		CAL	101		90	110
WW63	LABQA	1/1/1950	LCS	1	T111178-4824	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.3	=	0.07	0.1		CAL	106	4.3	90	110
WW64	UR5	1/7/2019	Integrated	2	U010275-4868	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.2	=	0.07	0.1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-4868	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-4868	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	10	=	0.07	0.1		CAL	102		90	110
WW64	LABQA	1/1/1950	LCS	1	U010275-4868	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	10	=	0.07	0.1		CAL	102	0	90	110
WW64	LABQA	1/1/1950	LabBlank	1	U010259-4867	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-4867	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	10	=	0.07	0.1		CAL	103		90	110
WW64	LABQA	1/1/1950	LCS	1	U010259-4867	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	11	=	0.07	0.1		CAL	108	4.7	90	110
WW65	UR2S	2/2/2019	Integrated	2	U020098-4915	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.4	=	0.07	0.1	FDP	CAL		87		
WW65	LABQA	1/1/1950	LabBlank	1	U020098-4915	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	<0.07	ND	0.07	0.1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-4915	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.2	=	0.07	0.1		CAL	103		90	110
WW65	LABQA	1/1/1950	LCS	1	U020098-4915	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.1	=	0.07	0.1		CAL	102	1.6	90	110
DW29	UR3	5/8/2019	Integrated	1	U050419-5000	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	1.6	=	0.07	0.1		CAL		13		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-5000	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	0.083	DNQ	0.07	0.1	IP	CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-5000	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	4.9	=	0.07	0.1		CAL	99		90	110
DW29	LABQA	1/1/1950	LCS	1	U050419-5000	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	5.1	=	0.07	0.1		CAL	101	2.6	90	110
DW29	UR2S	5/8/2019	MS1	1	U050419-5000	1	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	7.1	=	0.07	0.1		CAL	99		54	154
DW29	UR2S	5/8/2019	MS1	1	U050419-5000	2	SM20-4500-NH3 C (TKN)	Nutrient	Total Kjeldahl Nitrogen	None	mg/L	1	7.4	=	0.07	0.1		CAL	106	4.3	54	154
WW63	UR2S	11/29/2018	FieldBlank	1	T111164-9815	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	UR5	11/29/2018	Grab	2	T111164-9815	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	14	=	0.3	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9815	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9815	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	9.9	=	0.3	0.5		CAL	99		80	120
WW63	LABQA	1/1/1950	LCS	1	T111164-9815	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	100	0.9	80	120
WW63	LABQA	1/1/1950	FilterBlank	1	T111164-9822	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9822	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9822	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	100		80	120
WW63	LABQA	1/1/1950	LCS	1	T111164-9822	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	100	0.1	80	120
WW64	UR5	1/6/2019	Grab	2	U010229-9838	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	11	=	0.3	0.5		CAL				
WW64	UR2S	1/6/2019	FieldBlank	1	U010229-9841	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	0.65	=	0.3	0.5	IP	CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-9837	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-9837	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	101		80	120
WW64	LABQA	1/1/1950	LCS	1	U010229-9837	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102	1	80	120
WW64	LABQA	1/1/1950	FilterBlank	1	U010229-9837	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-9838	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LCS	1	U010229-9838	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102		80	120
WW64	LABQA	1/1/1950	LCS	1	U010229-9838	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102	0	80	120
WW64	UR2S	1/6/2019	MS1	1	U010229-9838	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	18	=	0.3	0.5		CAL	103		80	120
WW64	UR2S	1/6/2019	MS1	1	U010229-9838	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	19	=	0.3	0.5		CAL	111	4.3	80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010229-9841	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-9841	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	101		80	120
WW64	LABQA	1/1/1950	LCS	1	U010229-9841	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	101	0	80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010210-9837	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-9837	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	101		80	120
WW64	LABQA	1/1/1950	LCS	1	U010210-9837	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102	1	80	120
WW64	LABQA	1/1/1950	FilterBlank	1	U010210-9837	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010210-9838	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-9838	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102		80	120
WW64	LABQA	1/1/1950	LCS	1	U010210-9838	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102	0	80	120
WW65	UR2S	2/2/2019	Grab	2	U020085-9897	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	4.1	=	0.3	0.5		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020085-9897	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	0.41	DNQ	0.3	0.5	IP	CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-9897	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-9897	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	9.7	=	0.3	0.5		CAL	97		80	120
WW65	LABQA	1/1/1950	LCS	1	U020085-9897	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	9.6	=	0.3	0.5		CAL	96	1.1	80	120
WW65	UR2S	2/2/2019	MS1	1	U020085-9897	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	15	=	0.3	0.5		CAL	102		80	120
WW65	UR2S	2/2/2019	MS1	1	U020085-9897	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	15	=	0.3	0.5		CAL	102	0	80	120
WW65	LABQA	1/1/1950	LabBlank	1	U020085-9898	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-9898	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	9.7	=	0.3	0.5		CAL	97		80	120
WW65	LABQA	1/1/1950	LCS	1	U020085-9898	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	9.8	=	0.3	0.5		CAL	98	0.4	80	120
WW65	LABQA	1/1/1950	FilterBlank	1	U020085-9898	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
WW65	UR2S	2/2/2019	MS1	1	U020085-9898	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	14	=	0.3	0.5		CAL	104		80	120
WW65	UR2S	2/2/2019	MS1	1	U020085-9898	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	15	=	0.3	0.5		CAL	106	1.4	80	120
DW29	UR5	5/7/2019	FieldBlank	1	U050327-10022	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	0.84	=	0.3	0.5	IP	CAL				
DW29	UR3	5/7/2019	Grab	1	U050327-10022	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	4.2	=	0.3	0.5		CAL		5		
DW29	LABQA	1/1/1950	LabBlank	1	U050327-10022	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	<0.3	ND	0.3	0.5		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050327-10022	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102		80	120
DW29	LABQA	1/1/1950	LCS	1	U050327-10022	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	10	=	0.3	0.5		CAL	102	0	80	120
DW29	UR3	5/7/2019	MS1	1	U050327-10022	1	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	14	=	0.3	0.5		CAL	101		80	120
DW29	UR3	5/7/2019	MS1	1	U050327-10022	2	SM 5310 B	Conventional	Total Organic Carbon	Total	mg/L	1	14	=	0.3	0.5		CAL	103	1.4	80	120
WW63	UR5	11/30/2018	Integrated	2	T111212-20087	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	12	=	2	3		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-20087	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-20087	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	2	454	=	4	6	D	CAL	91		80	120
WW63	LABQA	1/1/1950	LabBlank	1	T111178-20082	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-20082	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	2	530	=	4	6	D	CAL	106		80	120
WW64	UR5	1/7/2019	Integrated	2	U010275-20222	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	15	=	2	3		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-20222	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-20222	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	2	466	=	4	6	D	CAL	93		80	120
WW64	LABQA	1/1/1950	LabBlank	1	U010259-20215	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-20215	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	2	516	=	4	6	D	CAL	103		80	120
WW65	UR2S	2/2/2019	Integrated	2	U020098-20342	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	52	=	2	3		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-20342	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-20342	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	2	478	=	4	6	D	CAL	96		80	120
DW29	UR3	5/8/2019	Integrated	1	U050419-20695	2	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050419-20695	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	1	<2	ND	2	3		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-20695	1	SM20-2540 D	Conventional	Total Suspended Solids	Particulate	mg/L	2	502	=	4	6	D	CAL	100		80	120
WW63	UR5	11/29/2018	Grab	2	T111164-2891	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1.042	<35	ND	35	208		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-2891	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	<34	ND	34	200		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-2891	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	2150	=	34	200		CAL	86		57	106
WW64	UR5	1/6/2019	Grab	2	U010229-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1.042	<35	ND	35	208		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	<34	ND	34	200		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	2290	=	34	200		CAL	92		57	106
WW64	LABQA	1/1/1950	LabBlank	1	U010210-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	<34	ND	34	200		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	2290	=	34	200		CAL	92		57	106
WW65	UR2S	2/2/2019	Grab	2	U020085-3012	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1.064	<36	ND	36	213		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-3012	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	<34	ND	34	200		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-3012	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	2040	=	34	200		CAL	82		57	106
DW29	UR3	5/7/2019	Grab	1	U050327-3181	2	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1.053	<36	ND	36	211		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050327-3181	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	<34	ND	34	200		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050327-3181	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel	None	µg/L	1	1660	=	34	200		CAL	67		57	106
WW63	UR5	11/29/2018	Grab	2	T111164-2891	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1.042	<69	ND	69	521		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-2891	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1	<66	ND	66	500		CAL				
WW64	UR5	1/6/2019	Grab	2	U010229-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1.042	<69	ND	69	521		CAL				

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
WW64	LABQA	1/1/1950	LabBlank	1	U010229-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1	<66	ND	66	500		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010210-2934	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1	<66	ND	66	500		CAL				
WW65	UR2S	2/2/2019	Grab	2	U020085-3012	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1.064	<70	ND	70	532		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-3012	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1	<66	ND	66	500		CAL				
DW29	UR3	5/7/2019	Grab	1	U050327-3181	2	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1.053	<69	ND	69	526		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050327-3181	1	EPA 8015M	Petroleum Hydrocarbons	TPH quantitated as Motor Oil	None	µg/L	1	<66	ND	66	500		CAL				
WW63	UR5	11/29/2018	Grab	2	T111164-4167	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-4167	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-4167	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	672	=	20	50		CAL	122		65	130
WW63	LABQA	1/1/1950	LCS	1	T111164-4167	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	650	=	20	50		CAL	118	3.3	65	130
WW64	UR5	1/6/2019	Grab	2	U010229-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010229-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	669	=	20	50		CAL	122		65	130
WW64	LABQA	1/1/1950	LCS	1	U010229-4196	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	639	=	20	50		CAL	116	4.6	65	130
WW64	LABQA	1/1/1950	LabBlank	1	U010210-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010210-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	669	=	20	50		CAL	122		65	130
WW64	LABQA	1/1/1950	LCS	1	U010210-4196	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	639	=	20	50		CAL	116	4.6	65	130
WW65	UR2S	2/2/2019	Grab	2	U020085-4214	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-4214	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020085-4214	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	652	=	20	50		CAL	119		65	130
WW65	LABQA	1/1/1950	LCS	1	U020085-4214	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	637	=	20	50		CAL	116	2.3	65	130
DW29	UR3	5/7/2019	Grab	1	U050327-4300	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050327-4300	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	<20	ND	20	50		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050327-4300	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	661	=	20	50		CAL	120		65	130
DW29	LABQA	1/1/1950	LCS	1	U050327-4300	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH - Gasoline Fuel	None	µg/L	1	636	=	20	50		CAL	116	3.9	65	130
WW63	UR5	11/29/2018	Grab	2	T111164-4167	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111164-4167	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW64	UR5	1/6/2019	Grab	2	U010229-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010229-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010210-4196	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW65	UR2S	2/2/2019	Grab	2	U020085-4214	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020085-4214	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
DW29	UR3	5/7/2019	Grab	1	U050327-4300	2	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
DW29	LABQA	1/1/1950	LabBlank	1	U050327-4300	1	EPA 5030B/8260B	Petroleum Hydrocarbons	TPPH quantitated as Gasoline	None	µg/L	1	<20	ND	20	50		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	O-22008	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.426	=	0.001	0.002		PHYSIS	85		75	122
WW63	UR2S	11/30/2018	FieldBlank	1	O-22008	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	O-22008	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	LABQA	1/1/1950	LCS	1	O-22008	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.409	=	0.001	0.002		PHYSIS	82	4	75	122
WW63	LABQA	1/1/1950	LCS	1	O-22020	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.455	=	0.001	0.002		PHYSIS	91		75	122
WW63	LABQA	1/1/1950	LCS	1	O-22020	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.446	=	0.001	0.002		PHYSIS	89	2	75	122
WW63	LABQA	1/1/1950	LabBlank	1	O-22020	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR3	11/29/2018	MS1	1	O-22020	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.736	=	0.001	0.002		PHYSIS	135	5	37	158
WW63	UR3	11/29/2018	MS1	1	O-22020	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.703	=	0.001	0.002		PHYSIS	129		37	158
WW63	UR3	11/29/2018	Integrated	1	O-22020	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	LABQA	1/1/1950	LCS	1	O-22046	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.441	=	0.001	0.002		PHYSIS	88		75	122
WW64	LABQA	1/1/1950	LCS	1	O-22046	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.442	=	0.001	0.002		PHYSIS	88	0	75	122
WW64	LABQA	1/1/1950	LabBlank	1	O-22046	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR3	1/5/2019	MS1	1	O-22046	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.366	=	0.001	0.002		PHYSIS	73		37	158
WW64	UR3	1/5/2019	Integrated	1	O-22046	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
WW64	UR3	1/5/2019	MS1	1	O-22046	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.341	=	0.001	0.002		PHYSIS	68	7	37	158
WW64	UR5	1/7/2019	Integrated	2	O-22046	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW64	UR2S	1/7/2019	FieldBlank	1	O-22046	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.392	=	0.001	0.002		PHYSIS	78		75	122
WW65	LABQA	1/1/1950	LabBlank	1	O-22106	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	LABQA	1/1/1950	LCS	1	O-22106	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.403	=	0.001	0.002		PHYSIS	81	4	75	122
WW65	UR3	2/2/2019	FieldBlank	1	O-22106	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	MS1	1	O-22106	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.528	=	0.001	0.002		PHYSIS	97	0	37	158
WW65	UR5	2/2/2019	MS1	1	O-22106	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.525	=	0.001	0.002		PHYSIS	97		37	158
WW65	UR2S	2/2/2019	Integrated	2	O-22106	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW65	UR5	2/2/2019	Integrated	1	O-22106	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	LABQA	1/1/1950	LabBlank	1	O-23010	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
DW29	LABQA	1/1/1950	LCS	1	O-23010	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.471	=	0.001	0.002		PHYSIS	94		75	122
DW29	LABQA	1/1/1950	LCS	1	O-23010	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.444	=	0.001	0.002		PHYSIS	89	5	75	122
DW29	UR3	5/8/2019	Integrated	1	O-23010	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS		0		
DW29	UR2S	5/8/2019	MS1	1	O-23010	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.681	=	0.001	0.002		PHYSIS	122		37	158
DW29	UR2S	5/8/2019	MS1	1	O-23010	2	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	0.659	=	0.001	0.002		PHYSIS	117	4	37	158

EventID	Station	SampleDate	SampleTypeCode	Replicate	LabBatch	LabReplicate	MethodName	Classification	AnalyteName	Fraction	Unit	Dilution	Result	ResultQual	MDL	RL	QACode	LabName	%Recovery	RPD	LCL	UCL
DW29	UR5	5/8/2019	FieldBlank	1	O-23010	1	EPA 625M	OP Pesticide	Trichloronate	None	µg/L	1	<0.001	ND	0.001	0.002		PHYSIS				
WW63	UR5	11/30/2018	Integrated	2	T111212-9803	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	8.9	=	0.07	0.07		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-9803	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	<0.07	ND	0.07	0.07		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-9803	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	4.3	=	0.07	0.07		CAL	107		90	110
WW63	LABQA	1/1/1950	LabBlank	1	T111178-9801	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	<0.07	ND	0.07	0.07		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-9801	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	4.3	=	0.07	0.07		CAL	108		90	110
WW64	UR5	1/7/2019	Integrated	2	U010275-9859	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	11	=	0.07	0.07		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-9859	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	<0.07	ND	0.07	0.07		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-9859	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	4.4	=	0.07	0.07		CAL	110		90	110
WW64	LABQA	1/1/1950	LabBlank	1	U010259-9858	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	<0.07	ND	0.07	0.07		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-9858	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	4.4	=	0.07	0.07		CAL	110		90	110
WW65	UR2S	2/2/2019	Integrated	2	U020098-9908	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	31	=	0.07	0.07		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9908	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	<0.07	ND	0.07	0.07		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9908	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	4.4	=	0.07	0.07		CAL	110		90	110
WW65	UR3	2/2/2019	Integrated	1	U020098-9908	2	EPA 180.1	Conventional	Turbidity	None	NTU	1	21	=	0.07	0.07		CAL		1.9		
DW29	UR3	5/8/2019	Integrated	1	U050419-10020	2	EPA 180.1	Conventional	Turbidity	None	NTU	1	1.8	=	0.07	0.07	IL	CAL		169		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-10020	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	<0.07	ND	0.07	0.07		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-10020	1	EPA 180.1	Conventional	Turbidity	None	NTU	1	4.3	=	0.07	0.07		CAL	108		90	110
WW63	UR2S	11/30/2018	FieldBlank	1	T111210-9310	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111210-9310	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111210-9310	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	19	=	0.7	1		CAL	95		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111164-9299	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111164-9299	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	19	=		1		CAL	94		85	115
WW64	UR2S	1/7/2019	FieldBlank	1	U010230-9338	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010230-9338	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010230-9338	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	19	=	0.7	1		CAL	94		85	115
WW65	UR3	2/3/2019	FieldBlank	1	U020097-9406	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW65	UR2S	2/3/2019	Integrated	1	U020097-9406	2	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	21	=	0.7	1		CAL		5		
WW65	LABQA	1/1/1950	LabBlank	1	U020097-9406	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020097-9406	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	18	=	0.7	1		CAL	91		85	115
DW29	UR5	5/8/2019	FieldBlank	1	U050420-9528	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	10		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050420-9528	2	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	11	=	0.7	10		CAL		10		
DW29	LABQA	1/1/1950	LabBlank	1	U050420-9528	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	10		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050420-9528	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	19	=	0.7	10		CAL	95		85	115
DW29	LABQA	1/1/1950	FilterBlank	1	U050420-9528	1	EPA 200.8	Metal	Zinc	Dissolved	µg/L	1	<0.7	ND	0.7	10		CAL				
WW63	UR2S	11/30/2018	FieldBlank	1	T111212-9307	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW63	UR5	11/30/2018	Integrated	2	T111212-9307	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	26	=	0.7	1		CAL				
WW63	LABQA	1/1/1950	LabBlank	1	T111212-9307	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111212-9307	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	20	=	0.7	1		CAL	98		85	115
WW63	LABQA	1/1/1950	LabBlank	1	T111178-9296	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW63	LABQA	1/1/1950	LCS	1	T111178-9296	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	19	=	0.7	1		CAL	97		85	115
WW63	UR3	11/29/2018	MS1	1	T111178-9296	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	120	=	0.7	1		CAL	100		70	130
WW63	UR3	11/29/2018	MS1	1	T111178-9296	2	EPA 200.8	Metal	Zinc	Total	µg/L	1	120	=	0.7	1		CAL	90	1.7	70	130
WW64	UR2S	1/7/2019	FieldBlank	1	U010275-9354	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	0.7	DNQ	0.7	1		CAL				
WW64	UR5	1/7/2019	Integrated	2	U010275-9354	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	23	=	0.7	1		CAL				
WW64	LABQA	1/1/1950	LabBlank	1	U010275-9354	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010275-9354	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	19	=	0.7	1		CAL	97		85	115
WW64	LABQA	1/1/1950	LabBlank	1	U010259-9352	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW64	LABQA	1/1/1950	LCS	1	U010259-9352	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	19	=	0.7	1		CAL	96		85	115
WW64	UR3	1/5/2019	MS1	1	U010259-9352	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	140	=	0.7	1		CAL	110		70	130
WW64	UR3	1/5/2019	MS1	1	U010259-9352	2	EPA 200.8	Metal	Zinc	Total	µg/L	1	140	=	0.7	1		CAL	115	0.7	70	130
WW65	UR2S	2/2/2019	Integrated	2	U020098-9404	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	61	=	0.7	1		CAL				
WW65	UR3	2/2/2019	FieldBlank	1	U020098-9404	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW65	LABQA	1/1/1950	LabBlank	1	U020098-9404	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
WW65	LABQA	1/1/1950	LCS	1	U020098-9404	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	20	=	0.7	1		CAL	99		85	115
WW65	UR5	2/2/2019	MS1	1	U020098-9404	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	43	=	0.7	1		CAL	92		70	130
WW65	UR5	2/2/2019	MS1	1	U020098-9404	2	EPA 200.8	Metal	Zinc	Total	µg/L	1	43	=	0.7	1		CAL	89	1.2	70	130
DW29	UR5	5/8/2019	FieldBlank	1	U050419-9523	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
DW29	UR3	5/8/2019	Integrated	1	U050419-9523	2	EPA 200.8	Metal	Zinc	Total	µg/L	1	13	=	0.7	1		CAL		17		
DW29	LABQA	1/1/1950	LabBlank	1	U050419-9523	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	<0.7	ND	0.7	1		CAL				
DW29	LABQA	1/1/1950	LCS	1	U050419-9523	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	21	=	0.7	1		CAL	104		85	115
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	1	EPA 200.8	Metal	Zinc	Total	µg/L	1	40	=	0.7	1		CAL	109		70	130
DW29	UR2S	5/8/2019	MS1	1	U050419-9523	2	EPA 200.8	Metal	Zinc	Total	µg/L	1	39	=	0.7	1		CAL	106	1.5	70	130

Appendix E

Table 1: Summary Statistics for Site UR3 (2018-2019)

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
Bacteriological	E. coli MPN/100 mL	ALL	4	100%	38275	43008	2200	92000
Bacteriological	E. coli MPN/100 mL	DW	1	100%			4900	4900
Bacteriological	E. coli MPN/100 mL	WW	3	100%	49400	45076	2200	92000
Bacteriological	Fecal Coliform MPN/100 mL	ALL	4	100%	47775	51079	2200	92000
Bacteriological	Fecal Coliform MPN/100 mL	DW	1	100%			4900	4900
Bacteriological	Fecal Coliform MPN/100 mL	WW	3	100%	62067	51846	2200	92000
Conventional	Alkalinity as CaCO3 mg/L	ALL	4	100%	49.25	75.88	9.00	163
Conventional	Alkalinity as CaCO3 mg/L	DW	1	100%			163	163
Conventional	Alkalinity as CaCO3 mg/L	WW	3	100%	11.33	3.21	9.00	15.0
Conventional	Bicarbonate as CaCO3 mg/L	ALL	4	100%	49.25	75.88	9.00	163
Conventional	Bicarbonate as CaCO3 mg/L	DW	1	100%			163	163
Conventional	Bicarbonate as CaCO3 mg/L	WW	3	100%	11.33	3.21	9.00	15.0
Conventional	BOD mg/L	ALL	4	75%	11.38	4.06	10.00	16.0
Conventional	BOD mg/L	DW	1	0%				
Conventional	BOD mg/L	WW	3	100%	13.00	3.00	10.00	16.0
Conventional	Carbonate as CaCO3 mg/L	ALL	4	0%				
Conventional	Carbonate as CaCO3 mg/L	DW	1	0%				
Conventional	Carbonate as CaCO3 mg/L	WW	3	0%				
Conventional	Chemical Oxygen Demand mg/L	ALL	4	75%	74.07	56.56	56.00	153
Conventional	Chemical Oxygen Demand mg/L	DW	1	0%				
Conventional	Chemical Oxygen Demand mg/L	WW	3	100%	92.33	52.88	56.00	153
Conventional	Dissolved Organic Carbon mg/L	ALL	4	100%	8.70	8.90	3.30	22.0
Conventional	Dissolved Organic Carbon mg/L	DW	1	100%			4.20	4.2
Conventional	Dissolved Organic Carbon mg/L	WW	3	100%	10.20	10.27	3.30	22.0
Conventional	Dissolved Oxygen,Field mg/L	ALL	4	100%	10.48	2.12	7.72	12.8
Conventional	Dissolved Oxygen,Field mg/L	DW	1	100%			7.72	7.7
Conventional	Dissolved Oxygen,Field mg/L	WW	3	100%	11.40	1.30	10.24	12.8

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
Conventional	EC µmhos/cm	ALL	4	100%	157	222	36.00	490
Conventional	EC µmhos/cm	DW	1	100%			490	490
Conventional	EC µmhos/cm	WW	3	100%	46.00	17.32	36.00	66.0
Conventional	EC,Field µmhos/cm	ALL	4	100%	227	286	3.81	644
Conventional	EC,Field µmhos/cm	DW	1	100%			644	644
Conventional	EC,Field µmhos/cm	WW	3	100%	87.27	77.95	3.81	158
Conventional	Hardness as CaCO3 mg/L	ALL	4	100%	56.75	82.25	11.00	180
Conventional	Hardness as CaCO3 mg/L	DW	1	100%			180	180
Conventional	Hardness as CaCO3 mg/L	WW	3	100%	15.67	4.51	11.00	20.0
Conventional	Hydroxide as CaCO3 mg/L	ALL	4	0%				
Conventional	Hydroxide as CaCO3 mg/L	DW	1	0%				
Conventional	Hydroxide as CaCO3 mg/L	WW	3	0%				
Conventional	pH,Field std. units	ALL	4	100%	6.42	0.610	6.03	7.3
Conventional	pH,Field std. units	DW	1	100%			6.29	6.3
Conventional	pH,Field std. units	WW	3	100%	6.47	0.739	6.03	7.3
Conventional	Suspended Sediment Concentration mg/L	ALL	4	75%	38.47	6.02	37.00	45.0
Conventional	Suspended Sediment Concentration mg/L	DW	1	0%				
Conventional	Suspended Sediment Concentration mg/L	WW	3	100%	41.00	4.00	37.00	45.0
Conventional	Temperature,Field Deg C	ALL	3	100%	14.55	4.31	10.90	19.3
Conventional	Temperature,Field Deg C	DW	1	100%			19.31	19.3
Conventional	Temperature,Field Deg C	WW	2	100%	12.17	1.79	10.90	13.4
Conventional	Total Dissolved Solids mg/L	ALL	4	100%	76.25	117	4.00	250
Conventional	Total Dissolved Solids mg/L	DW	1	100%			250	250
Conventional	Total Dissolved Solids mg/L	WW	3	100%	18.33	17.62	4.00	38.0
Conventional	Total Organic Carbon mg/L	ALL	4	100%	8.63	8.32	3.50	21.0
Conventional	Total Organic Carbon mg/L	DW	1	100%			4.00	4.0
Conventional	Total Organic Carbon mg/L	WW	3	100%	10.17	9.46	3.50	21.0
Conventional	Total Suspended Solids mg/L	ALL	4	75%	35.31	7.36	34.00	44.0
Conventional	Total Suspended Solids mg/L	DW	1	0%				

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
Conventional	Total Suspended Solids mg/L	WW	3	100%	38.33	5.13	34.00	44.0
Conventional	Turbidity NTU	ALL	4	100%	20.54	15.26	0.150	37.0
Conventional	Turbidity NTU	DW	1	100%			0.150	0.150
Conventional	Turbidity NTU	WW	3	100%	27.33	8.50	21.00	37.0
Conventional	Turbidity,Field NTU	ALL	4	100%	25.18	14.56	10.50	43.3
Conventional	Turbidity,Field NTU	DW	1	100%			10.50	10.5
Conventional	Turbidity,Field NTU	WW	3	100%	30.07	13.20	16.90	43.3
Metal	Copper, Dissolved µg/L	ALL	4	100%	5.38	2.25	3.40	8.0
Metal	Copper, Dissolved µg/L	DW	1	100%			3.60	3.6
Metal	Copper, Dissolved µg/L	WW	3	100%	5.97	2.35	3.40	8.0
Metal	Copper, Total µg/L	ALL	4	100%	11.05	4.61	5.20	16.0
Metal	Copper, Total µg/L	DW	1	100%			5.20	5.2
Metal	Copper, Total µg/L	WW	3	100%	13.00	3.00	10.00	16.0
Metal	Iron, Dissolved mg/L	ALL	4	100%	0.053	0.017	0.030	0.070
Metal	Iron, Dissolved mg/L	DW	1	100%			0.050	0.050
Metal	Iron, Dissolved mg/L	WW	3	100%	0.053	0.021	0.030	0.070
Metal	Iron, Total mg/L	ALL	4	100%	0.698	0.384	0.150	1.000
Metal	Iron, Total mg/L	DW	1	100%			0.150	0.150
Metal	Iron, Total mg/L	WW	3	100%	0.880	0.144	0.720	1.000
Metal	Lead, Dissolved µg/L	ALL	4	75%	0.396	0.294	0.210	0.690
Metal	Lead, Dissolved µg/L	DW	1	0%				
Metal	Lead, Dissolved µg/L	WW	3	100%	0.500	0.255	0.210	0.690
Metal	Lead, Total µg/L	ALL	4	100%	4.24	2.85	0.140	6.7
Metal	Lead, Total µg/L	DW	1	100%			0.140	0.140
Metal	Lead, Total µg/L	WW	3	100%	5.60	0.985	4.80	6.7
Metal	Mercury ng/L	ALL	5	100%	10.28	6.90	1.10	19.0
Metal	Mercury ng/L	DW	1	100%			1.10	1.1
Metal	Mercury ng/L	WW	4	100%	12.58	5.33	6.30	19.0
Metal	Mercury, Methyl ng/L	ALL	5	100%	0.112	0.050	0.070	0.180

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
Metal	Mercury, Methyl ng/L	DW	1	100%			0.070	0.070
Metal	Mercury, Methyl ng/L	WW	4	100%	0.123	0.051	0.070	0.180
Metal	Zinc, Dissolved µg/L	ALL	4	100%	37.50	22.52	10.00	63.0
Metal	Zinc, Dissolved µg/L	DW	1	100%			10.00	10.0
Metal	Zinc, Dissolved µg/L	WW	3	100%	46.67	16.01	31.00	63.0
Metal	Zinc, Total µg/L	ALL	4	100%	78.25	47.13	11.00	120
Metal	Zinc, Total µg/L	DW	1	100%			11.00	11.0
Metal	Zinc, Total µg/L	WW	3	100%	101	17.79	85.00	120
Nutrient	Nitrate + Nitrite as N mg/L	ALL	4	100%	1.32	1.92	0.250	4.2
Nutrient	Nitrate + Nitrite as N mg/L	DW	1	100%			4.20	4.2
Nutrient	Nitrate + Nitrite as N mg/L	WW	3	100%	0.360	0.135	0.250	0.510
Nutrient	Phosphorus as P mg/L	ALL	4	100%	0.243	0.110	0.120	0.370
Nutrient	Phosphorus as P mg/L	DW	1	100%			0.120	0.120
Nutrient	Phosphorus as P mg/L	WW	3	100%	0.283	0.090	0.190	0.370
Nutrient	Total Kjeldahl Nitrogen mg/L	ALL	4	100%	1.65	0.526	1.20	2.4
Nutrient	Total Kjeldahl Nitrogen mg/L	DW	1	100%			1.40	1.4
Nutrient	Total Kjeldahl Nitrogen mg/L	WW	3	100%	1.73	0.611	1.20	2.4
OP Pesticide	Bolstar µg/L	ALL	4	0%				
OP Pesticide	Bolstar µg/L	DW	1	0%				
OP Pesticide	Bolstar µg/L	WW	3	0%				
OP Pesticide	Chlorpyrifos µg/L	ALL	8	88%	0.006	0.008	0.001	0.025
OP Pesticide	Chlorpyrifos µg/L	DW	2	100%	0.001	0.000	0.001	0.001
OP Pesticide	Chlorpyrifos µg/L	WW	6	83%	0.007	0.009	0.002	0.025
OP Pesticide	Demeton, Total µg/L	ALL	4	0%				
OP Pesticide	Demeton, Total µg/L	DW	1	0%				
OP Pesticide	Demeton, Total µg/L	WW	3	0%				
OP Pesticide	Diazinon µg/L	ALL	8	0%				
OP Pesticide	Diazinon µg/L	DW	2	0%				
OP Pesticide	Diazinon µg/L	WW	6	0%				

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
OP Pesticide	Dichlorvos µg/L	ALL	4	0%				
OP Pesticide	Dichlorvos µg/L	DW	1	0%				
OP Pesticide	Dichlorvos µg/L	WW	3	0%				
OP Pesticide	Dimethoate µg/L	ALL	4	0%				
OP Pesticide	Dimethoate µg/L	DW	1	0%				
OP Pesticide	Dimethoate µg/L	WW	3	0%				
OP Pesticide	Disulfoton µg/L	ALL	4	0%				
OP Pesticide	Disulfoton µg/L	DW	1	0%				
OP Pesticide	Disulfoton µg/L	WW	3	0%				
OP Pesticide	Ethoprop (Ethoprofos) µg/L	ALL	4	0%				
OP Pesticide	Ethoprop (Ethoprofos) µg/L	DW	1	0%				
OP Pesticide	Ethoprop (Ethoprofos) µg/L	WW	3	0%				
OP Pesticide	Fenchlorphos (Ronnel) µg/L	ALL	4	0%				
OP Pesticide	Fenchlorphos (Ronnel) µg/L	DW	1	0%				
OP Pesticide	Fenchlorphos (Ronnel) µg/L	WW	3	0%				
OP Pesticide	Fensulfothion µg/L	ALL	4	0%				
OP Pesticide	Fensulfothion µg/L	DW	1	0%				
OP Pesticide	Fensulfothion µg/L	WW	3	0%				
OP Pesticide	Fenthion µg/L	ALL	4	0%				
OP Pesticide	Fenthion µg/L	DW	1	0%				
OP Pesticide	Fenthion µg/L	WW	3	0%				
OP Pesticide	Malathion µg/L	ALL	4	0%				
OP Pesticide	Malathion µg/L	DW	1	0%				
OP Pesticide	Malathion µg/L	WW	3	0%				
OP Pesticide	Methidathion µg/L	ALL	4	0%				
OP Pesticide	Methidathion µg/L	DW	1	0%				
OP Pesticide	Methidathion µg/L	WW	3	0%				
OP Pesticide	Methyl Parathion µg/L	ALL	4	0%				
OP Pesticide	Methyl Parathion µg/L	DW	1	0%				

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
OP Pesticide	Methyl Parathion µg/L	WW	3	0%				
OP Pesticide	Mevinphos (Phosdrin) µg/L	ALL	4	0%				
OP Pesticide	Mevinphos (Phosdrin) µg/L	DW	1	0%				
OP Pesticide	Mevinphos (Phosdrin) µg/L	WW	3	0%				
OP Pesticide	Phorate µg/L	ALL	4	0%				
OP Pesticide	Phorate µg/L	DW	1	0%				
OP Pesticide	Phorate µg/L	WW	3	0%				
OP Pesticide	Phosmet µg/L	ALL	4	0%				
OP Pesticide	Phosmet µg/L	DW	1	0%				
OP Pesticide	Phosmet µg/L	WW	3	0%				
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	ALL	4	0%				
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	DW	1	0%				
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	WW	3	0%				
OP Pesticide	Tokuthion (Prothiofos) µg/L	ALL	4	0%				
OP Pesticide	Tokuthion (Prothiofos) µg/L	DW	1	0%				
OP Pesticide	Tokuthion (Prothiofos) µg/L	WW	3	0%				
OP Pesticide	Trichloronate µg/L	ALL	4	0%				
OP Pesticide	Trichloronate µg/L	DW	1	0%				
OP Pesticide	Trichloronate µg/L	WW	3	0%				
PAH	1-Methylnaphthalene µg/L	ALL	4	75%	0.004	0.002	0.003	0.007
PAH	1-Methylnaphthalene µg/L	DW	1	0%				
PAH	1-Methylnaphthalene µg/L	WW	3	100%	0.005	0.002	0.003	0.007
PAH	1-Methylphenanthrene µg/L	ALL	4	75%	0.005	0.003	0.004	0.008
PAH	1-Methylphenanthrene µg/L	DW	1	0%				
PAH	1-Methylphenanthrene µg/L	WW	3	100%	0.006	0.002	0.004	0.008
PAH	2-Methylnaphthalene µg/L	ALL	4	75%	0.007	0.003	0.005	0.010
PAH	2-Methylnaphthalene µg/L	DW	1	0%				
PAH	2-Methylnaphthalene µg/L	WW	3	100%	0.008	0.003	0.005	0.010
PAH	2,3,5-Trimethylnaphthalene µg/L	ALL	4	0%				

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
PAH	2,3,5-Trimethylnaphthalene µg/L	DW	1	0%				
PAH	2,3,5-Trimethylnaphthalene µg/L	WW	3	0%				
PAH	2,6-Dimethylnaphthalene µg/L	ALL	4	50%			0.003	0.003
PAH	2,6-Dimethylnaphthalene µg/L	DW	1	0%				
PAH	2,6-Dimethylnaphthalene µg/L	WW	3	67%			0.003	0.003
PAH	Acenaphthene µg/L	ALL	4	75%	0.003	0.003	0.001	0.007
PAH	Acenaphthene µg/L	DW	1	100%			0.001	0.001
PAH	Acenaphthene µg/L	WW	3	67%			0.005	0.007
PAH	Acenaphthylene µg/L	ALL	4	50%			0.002	0.004
PAH	Acenaphthylene µg/L	DW	1	0%				
PAH	Acenaphthylene µg/L	WW	3	67%			0.002	0.004
PAH	Anthracene µg/L	ALL	4	75%	0.004	0.001	0.003	0.005
PAH	Anthracene µg/L	DW	1	0%				
PAH	Anthracene µg/L	WW	3	100%	0.004	0.001	0.003	0.005
PAH	Benz(a)anthracene µg/L	ALL	4	75%	0.012	0.010	0.006	0.023
PAH	Benz(a)anthracene µg/L	DW	1	0%				
PAH	Benz(a)anthracene µg/L	WW	3	100%	0.016	0.008	0.006	0.023
PAH	Benzo(a)pyrene µg/L	ALL	4	75%	0.011	0.002	0.011	0.014
PAH	Benzo(a)pyrene µg/L	DW	1	0%				
PAH	Benzo(a)pyrene µg/L	WW	3	100%	0.012	0.002	0.011	0.014
PAH	Benzo(b)fluoranthene µg/L	ALL	4	75%	0.025	0.004	0.024	0.030
PAH	Benzo(b)fluoranthene µg/L	DW	1	0%				
PAH	Benzo(b)fluoranthene µg/L	WW	3	100%	0.027	0.003	0.024	0.030
PAH	Benzo(e)pyrene µg/L	ALL	4	75%	0.020	0.011	0.014	0.031
PAH	Benzo(e)pyrene µg/L	DW	1	0%				
PAH	Benzo(e)pyrene µg/L	WW	3	100%	0.024	0.009	0.014	0.031
PAH	Benzo(g,h,i)perylene µg/L	ALL	4	75%	0.027	0.020	0.016	0.051
PAH	Benzo(g,h,i)perylene µg/L	DW	1	0%				
PAH	Benzo(g,h,i)perylene µg/L	WW	3	100%	0.034	0.018	0.016	0.051

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
PAH	Benzo(k)fluoranthene µg/L	ALL	4	75%	0.016	0.004	0.014	0.020
PAH	Benzo(k)fluoranthene µg/L	DW	1	0%				
PAH	Benzo(k)fluoranthene µg/L	WW	3	100%	0.018	0.003	0.014	0.020
PAH	Biphenyl µg/L	ALL	4	75%	0.003	0.002	0.002	0.005
PAH	Biphenyl µg/L	DW	1	0%				
PAH	Biphenyl µg/L	WW	3	100%	0.004	0.001	0.002	0.005
PAH	Chrysene µg/L	ALL	4	75%	0.031	0.019	0.020	0.050
PAH	Chrysene µg/L	DW	1	0%				
PAH	Chrysene µg/L	WW	3	100%	0.038	0.016	0.020	0.050
PAH	Dibenz(a,h)anthracene µg/L	ALL	4	25%			0.006	0.006
PAH	Dibenz(a,h)anthracene µg/L	DW	1	0%				
PAH	Dibenz(a,h)anthracene µg/L	WW	3	33%			0.006	0.006
PAH	Dibenzothiophene µg/L	ALL	4	25%			0.009	0.009
PAH	Dibenzothiophene µg/L	DW	1	0%				
PAH	Dibenzothiophene µg/L	WW	3	33%			0.009	0.009
PAH	Fluoranthene µg/L	ALL	4	75%	0.040	0.002	0.040	0.042
PAH	Fluoranthene µg/L	DW	1	0%				
PAH	Fluoranthene µg/L	WW	3	100%	0.041	0.001	0.040	0.042
PAH	Fluorene µg/L	ALL	4	50%			0.003	0.005
PAH	Fluorene µg/L	DW	1	0%				
PAH	Fluorene µg/L	WW	3	67%			0.003	0.005
PAH	Indeno(1,2,3-cd)pyrene µg/L	ALL	4	50%			0.014	0.015
PAH	Indeno(1,2,3-cd)pyrene µg/L	DW	1	0%				
PAH	Indeno(1,2,3-cd)pyrene µg/L	WW	3	67%			0.014	0.015
PAH	Naphthalene µg/L	ALL	4	100%	0.011	0.008	0.002	0.020
PAH	Naphthalene µg/L	DW	1	100%			0.002	0.002
PAH	Naphthalene µg/L	WW	3	100%	0.014	0.006	0.008	0.020
PAH	Perylene µg/L	ALL	4	25%			0.055	0.055
PAH	Perylene µg/L	DW	1	0%				

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
PAH	Perylene µg/L	WW	3	33%			0.055	0.055
PAH	Phenanthrene µg/L	ALL	4	75%	0.028	0.004	0.027	0.032
PAH	Phenanthrene µg/L	DW	1	0%				
PAH	Phenanthrene µg/L	WW	3	100%	0.030	0.003	0.027	0.032
PAH	Pyrene µg/L	ALL	4	100%	0.040	0.026	0.001	0.056
PAH	Pyrene µg/L	DW	1	100%			0.001	0.001
PAH	Pyrene µg/L	WW	3	100%	0.052	0.006	0.046	0.056
Pesticide	Fipronil Desulfinyl ng/L	ALL	4	50%			0.700	1.8
Pesticide	Fipronil Desulfinyl ng/L	DW	1	0%				
Pesticide	Fipronil Desulfinyl ng/L	WW	3	67%			0.700	1.8
Pesticide	Fipronil ng/L	ALL	4	100%	3.58	2.47	0.700	6.4
Pesticide	Fipronil ng/L	DW	1	100%			0.700	0.700
Pesticide	Fipronil ng/L	WW	3	100%	4.53	1.90	2.60	6.4
Pesticide	Fipronil Sulfide ng/L	ALL	4	0%				
Pesticide	Fipronil Sulfide ng/L	DW	1	0%				
Pesticide	Fipronil Sulfide ng/L	WW	3	0%				
Pesticide	Fipronil Sulfone ng/L	ALL	4	100%	4.33	3.79	1.90	9.9
Pesticide	Fipronil Sulfone ng/L	DW	1	100%			2.00	2.0
Pesticide	Fipronil Sulfone ng/L	WW	3	100%	5.10	4.23	1.90	9.9
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	ALL	4	25%			350	350
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	WW	3	33%			350	350
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	ALL	4	25%			1300	1300
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	WW	3	33%			1300	1300
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	ALL	4	0%				
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	WW	3	0%				
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	ALL	4	0%				

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	WW	3	0%				
Pyrethroid	Allethrin ng/L	ALL	4	0%				
Pyrethroid	Allethrin ng/L	DW	1	0%				
Pyrethroid	Allethrin ng/L	WW	3	0%				
Pyrethroid	Bifenthrin ng/L	ALL	4	100%	8.70	7.06	0.200	15.0
Pyrethroid	Bifenthrin ng/L	DW	1	100%			0.200	0.200
Pyrethroid	Bifenthrin ng/L	WW	3	100%	11.53	5.16	5.60	15.0
Pyrethroid	Cyfluthrin ng/L	ALL	4	50%			0.800	2.6
Pyrethroid	Cyfluthrin ng/L	DW	1	0%				
Pyrethroid	Cyfluthrin ng/L	WW	3	67%			0.800	2.6
Pyrethroid	Cypermethrin ng/L	ALL	4	75%	2.14	1.12	1.70	3.5
Pyrethroid	Cypermethrin ng/L	DW	1	0%				
Pyrethroid	Cypermethrin ng/L	WW	3	100%	2.57	0.902	1.70	3.5
Pyrethroid	Deltamethrin/Tralomethrin ng/L	ALL	4	50%			0.900	2.5
Pyrethroid	Deltamethrin/Tralomethrin ng/L	DW	1	0%				
Pyrethroid	Deltamethrin/Tralomethrin ng/L	WW	3	67%			0.900	2.5
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	ALL	4	75%	1.50	1.59	0.600	3.7
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	DW	1	0%				
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	WW	3	100%	1.97	1.58	0.600	3.7
Pyrethroid	Fenpropathrin ng/L	ALL	4	25%			0.400	0.400
Pyrethroid	Fenpropathrin ng/L	DW	1	0%				
Pyrethroid	Fenpropathrin ng/L	WW	3	33%			0.400	0.400
Pyrethroid	L-Cyhalothrin ng/L	ALL	4	75%			0.400	0.800
Pyrethroid	L-Cyhalothrin ng/L	DW	1	100%			0.400	0.400
Pyrethroid	L-Cyhalothrin ng/L	WW	3	67%			0.400	0.800
Pyrethroid	Permethrin ng/L	ALL	4	50%			3.60	5.8
Pyrethroid	Permethrin ng/L	DW	1	0%				
Pyrethroid	Permethrin ng/L	WW	3	67%			3.60	5.8

Classification	Analyte	Season	n	%Det	Mean	SdDev	Min Det	Max Det
Pyrethroid	Tau-Fluvalinate ng/L	ALL	4	0%				
Pyrethroid	Tau-Fluvalinate ng/L	DW	1	0%				
Pyrethroid	Tau-Fluvalinate ng/L	WW	3	0%				
Pyrethroid	Tetramethrin ng/L	ALL	4	0%				
Pyrethroid	Tetramethrin ng/L	DW	1	0%				
Pyrethroid	Tetramethrin ng/L	WW	3	0%				

Table 1: Summary Statistics for Site UR2S (2018-2019)

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
Bacteriological	E. coli MPN/100 mL	ALL	4	100%	17038	450	54000
Bacteriological	E. coli MPN/100 mL	DW	1	100%			450
Bacteriological	E. coli MPN/100 mL	WW	3	100%	22567	27537	2700
Bacteriological	Fecal Coliform MPN/100 mL	ALL	4	100%	41225	7900	92000
Bacteriological	Fecal Coliform MPN/100 mL	DW	1	100%			92000
Bacteriological	Fecal Coliform MPN/100 mL	WW	3	100%	24300	25768	7900
Conventional	Alkalinity as CaCO3 mg/L	ALL	4	100%	55.75	16.00	158
Conventional	Alkalinity as CaCO3 mg/L	DW	1	100%			158
Conventional	Alkalinity as CaCO3 mg/L	WW	3	100%	21.67	5.13	16.00
Conventional	Bicarbonate as CaCO3 mg/L	ALL	4	100%	49.50	16.00	133
Conventional	Bicarbonate as CaCO3 mg/L	DW	1	100%			133
Conventional	Bicarbonate as CaCO3 mg/L	WW	3	100%	21.67	5.13	16.00
Conventional	BOD mg/L	ALL	4	50%		6.00	9.00
Conventional	BOD mg/L	DW	1	0%			
Conventional	BOD mg/L	WW	3	67%			6.00
Conventional	Carbonate as CaCO3 mg/L	ALL	4	25%		25.00	25.00
Conventional	Carbonate as CaCO3 mg/L	DW	1	100%			25.00
Conventional	Carbonate as CaCO3 mg/L	WW	3	0%			
Conventional	Chemical Oxygen Demand mg/L	ALL	4	100%	66.50	30.00	107
Conventional	Chemical Oxygen Demand mg/L	DW	1	100%			81.00
Conventional	Chemical Oxygen Demand mg/L	WW	3	100%	61.67	40.28	30.00
Conventional	Dissolved Organic Carbon mg/L	ALL	4	100%	9.00	4.00	15.00
Conventional	Dissolved Organic Carbon mg/L	DW	1	100%			15.00
Conventional	Dissolved Organic Carbon mg/L	WW	3	100%	7.00	2.91	4.00
Conventional	Dissolved Oxygen,Field mg/L	ALL	4	100%	11.73	9.73	16.30
Conventional	Dissolved Oxygen,Field mg/L	DW	1	100%			10.68
Conventional	Dissolved Oxygen,Field mg/L	WW	3	100%	12.08	3.67	9.73

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
Conventional	EC µmhos/cm	ALL	4	100%	216	58.00	640
Conventional	EC µmhos/cm	DW	1	100%			640
Conventional	EC µmhos/cm	WW	3	100%	74.67	20.11	58.00
Conventional	EC,Field µmhos/cm	ALL	4	100%	309	52.70	943
Conventional	EC,Field µmhos/cm	DW	1	100%			943
Conventional	EC,Field µmhos/cm	WW	3	100%	97.40	64.87	52.70
Conventional	Hardness as CaCO3 mg/L	ALL	4	100%	68.25	21.00	190
Conventional	Hardness as CaCO3 mg/L	DW	1	100%			190
Conventional	Hardness as CaCO3 mg/L	WW	3	100%	27.67	9.07	21.00
Conventional	Hydroxide as CaCO3 mg/L	ALL	4	0%			
Conventional	Hydroxide as CaCO3 mg/L	DW	1	0%			
Conventional	Hydroxide as CaCO3 mg/L	WW	3	0%			
Conventional	pH,Field std. units	ALL	4	100%	6.05	4.36	7.34
Conventional	pH,Field std. units	DW	1	100%			6.48
Conventional	pH,Field std. units	WW	3	100%	5.90	1.49	4.36
Conventional	Suspended Sediment Concentration mg/L	ALL	4	100%	75.13	9.50	131
Conventional	Suspended Sediment Concentration mg/L	DW	1	100%			9.50
Conventional	Suspended Sediment Concentration mg/L	WW	3	100%	97.00	42.04	50.00
Conventional	Temperature,Field Deg C	ALL	3	100%	15.55	12.60	20.34
Conventional	Temperature,Field Deg C	DW	1	100%			20.34
Conventional	Temperature,Field Deg C	WW	2	100%	13.15	0.778	12.60
Conventional	Total Dissolved Solids mg/L	ALL	4	100%	136	32.00	410
Conventional	Total Dissolved Solids mg/L	DW	1	100%			410
Conventional	Total Dissolved Solids mg/L	WW	3	100%	45.00	14.73	32.00
Conventional	Total Organic Carbon mg/L	ALL	4	100%	9.55	4.40	16.00
Conventional	Total Organic Carbon mg/L	DW	1	100%			16.00
Conventional	Total Organic Carbon mg/L	WW	3	100%	7.40	2.82	4.40
Conventional	Total Suspended Solids mg/L	ALL	4	100%	51.25	8.00	106
Conventional	Total Suspended Solids mg/L	DW	1	100%			8.00

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
Conventional	Total Suspended Solids mg/L	WW	3	100%	65.67	35.53	39.00
Conventional	Turbidity NTU	ALL	4	100%	29.03	6.10	45.00
Conventional	Turbidity NTU	DW	1	100%			6.10
Conventional	Turbidity NTU	WW	3	100%	36.67	7.23	32.00
Conventional	Turbidity,Field NTU	ALL	4	100%	57.96	4.72	138
Conventional	Turbidity,Field NTU	DW	1	100%			4.72
Conventional	Turbidity,Field NTU	WW	3	100%	75.70	54.14	40.10
Metal	Copper, Dissolved µg/L	ALL	4	100%	6.03	3.70	11.00
Metal	Copper, Dissolved µg/L	DW	1	100%			11.00
Metal	Copper, Dissolved µg/L	WW	3	100%	4.37	1.07	3.70
Metal	Copper, Total µg/L	ALL	4	100%	13.18	8.70	18.00
Metal	Copper, Total µg/L	DW	1	100%			13.00
Metal	Copper, Total µg/L	WW	3	100%	13.23	4.65	8.70
Metal	Iron, Dissolved mg/L	ALL	4	100%	0.0950	0.070	0.140
Metal	Iron, Dissolved mg/L	DW	1	100%			0.070
Metal	Iron, Dissolved mg/L	WW	3	100%	0.1033	0.032	0.080
Metal	Iron, Total mg/L	ALL	4	100%	1.16	0.240	2.10
Metal	Iron, Total mg/L	DW	1	100%			0.240
Metal	Iron, Total mg/L	WW	3	100%	1.47	0.551	1.10
Metal	Lead, Dissolved µg/L	ALL	4	100%	0.4725	0.240	0.880
Metal	Lead, Dissolved µg/L	DW	1	100%			0.240
Metal	Lead, Dissolved µg/L	WW	3	100%	0.5500	0.288	0.350
Metal	Lead, Total µg/L	ALL	4	100%	5.95	0.890	11.00
Metal	Lead, Total µg/L	DW	1	100%			0.890
Metal	Lead, Total µg/L	WW	3	100%	7.63	2.97	5.40
Metal	Mercury ng/L	ALL	5	100%	14.18	4.10	32.00
Metal	Mercury ng/L	DW	1	100%			4.10
Metal	Mercury ng/L	WW	4	100%	16.70	10.75	6.80
Metal	Mercury, Methyl ng/L	ALL	5	100%	0.2560	0.190	0.480

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
Metal	Mercury, Methyl ng/L	DW	1	100%			0.480
Metal	Mercury, Methyl ng/L	WW	4	100%	0.2000	0.014	0.190
Metal	Zinc, Dissolved µg/L	ALL	4	100%	20.38	7.50	29.00
Metal	Zinc, Dissolved µg/L	DW	1	100%			7.50
Metal	Zinc, Dissolved µg/L	WW	3	100%	24.67	3.79	22.00
Metal	Zinc, Total µg/L	ALL	4	100%	63.25	18.00	110
Metal	Zinc, Total µg/L	DW	1	100%			18.00
Metal	Zinc, Total µg/L	WW	3	100%	78.33	27.65	59.00
Nutrient	Nitrate + Nitrite as N mg/L	ALL	4	100%	0.3283	0.083	0.490
Nutrient	Nitrate + Nitrite as N mg/L	DW	1	100%			0.083
Nutrient	Nitrate + Nitrite as N mg/L	WW	3	100%	0.4100	0.080	0.330
Nutrient	Phosphorus as P mg/L	ALL	4	100%	0.2850	0.200	0.430
Nutrient	Phosphorus as P mg/L	DW	1	100%			0.200
Nutrient	Phosphorus as P mg/L	WW	3	100%	0.3133	0.107	0.220
Nutrient	Total Kjeldahl Nitrogen mg/L	ALL	4	100%	1.44	0.550	2.10
Nutrient	Total Kjeldahl Nitrogen mg/L	DW	1	100%			2.10
Nutrient	Total Kjeldahl Nitrogen mg/L	WW	3	100%	1.22	0.732	0.550
OP Pesticide	Bolstar µg/L	ALL	4	0%			
OP Pesticide	Bolstar µg/L	DW	1	0%			
OP Pesticide	Bolstar µg/L	WW	3	0%			
OP Pesticide	Chlorpyrifos µg/L	ALL	8	13%		0.006	0.006
OP Pesticide	Chlorpyrifos µg/L	DW	2	0%			
OP Pesticide	Chlorpyrifos µg/L	WW	6	17%			0.006
OP Pesticide	Demeton, Total µg/L	ALL	4	0%			
OP Pesticide	Demeton, Total µg/L	DW	1	0%			
OP Pesticide	Demeton, Total µg/L	WW	3	0%			
OP Pesticide	Diazinon µg/L	ALL	8	13%		0.004	0.004
OP Pesticide	Diazinon µg/L	DW	2	50%			0.004
OP Pesticide	Diazinon µg/L	WW	6	0%			

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
OP Pesticide	Dichlorvos µg/L	ALL	4	0%			
OP Pesticide	Dichlorvos µg/L	DW	1	0%			
OP Pesticide	Dichlorvos µg/L	WW	3	0%			
OP Pesticide	Dimethoate µg/L	ALL	4	0%			
OP Pesticide	Dimethoate µg/L	DW	1	0%			
OP Pesticide	Dimethoate µg/L	WW	3	0%			
OP Pesticide	Disulfoton µg/L	ALL	4	0%			
OP Pesticide	Disulfoton µg/L	DW	1	0%			
OP Pesticide	Disulfoton µg/L	WW	3	0%			
OP Pesticide	Ethoprop (Ethoprofos) µg/L	ALL	4	0%			
OP Pesticide	Ethoprop (Ethoprofos) µg/L	DW	1	0%			
OP Pesticide	Ethoprop (Ethoprofos) µg/L	WW	3	0%			
OP Pesticide	Fenchlorphos (Ronnel) µg/L	ALL	4	0%			
OP Pesticide	Fenchlorphos (Ronnel) µg/L	DW	1	0%			
OP Pesticide	Fenchlorphos (Ronnel) µg/L	WW	3	0%			
OP Pesticide	Fensulfothion µg/L	ALL	4	0%			
OP Pesticide	Fensulfothion µg/L	DW	1	0%			
OP Pesticide	Fensulfothion µg/L	WW	3	0%			
OP Pesticide	Fenthion µg/L	ALL	4	0%			
OP Pesticide	Fenthion µg/L	DW	1	0%			
OP Pesticide	Fenthion µg/L	WW	3	0%			
OP Pesticide	Malathion µg/L	ALL	4	0%			
OP Pesticide	Malathion µg/L	DW	1	0%			
OP Pesticide	Malathion µg/L	WW	3	0%			
OP Pesticide	Methidathion µg/L	ALL	4	0%			
OP Pesticide	Methidathion µg/L	DW	1	0%			
OP Pesticide	Methidathion µg/L	WW	3	0%			
OP Pesticide	Methyl Parathion µg/L	ALL	4	0%			
OP Pesticide	Methyl Parathion µg/L	DW	1	0%			

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
OP Pesticide	Methyl Parathion µg/L	WW	3	0%			
OP Pesticide	Mevinphos (Phosdrin) µg/L	ALL	4	0%			
OP Pesticide	Mevinphos (Phosdrin) µg/L	DW	1	0%			
OP Pesticide	Mevinphos (Phosdrin) µg/L	WW	3	0%			
OP Pesticide	Phorate µg/L	ALL	4	0%			
OP Pesticide	Phorate µg/L	DW	1	0%			
OP Pesticide	Phorate µg/L	WW	3	0%			
OP Pesticide	Phosmet µg/L	ALL	4	0%			
OP Pesticide	Phosmet µg/L	DW	1	0%			
OP Pesticide	Phosmet µg/L	WW	3	0%			
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	ALL	4	0%			
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	DW	1	0%			
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	WW	3	0%			
OP Pesticide	Tokuthion (Prothiofos) µg/L	ALL	4	0%			
OP Pesticide	Tokuthion (Prothiofos) µg/L	DW	1	0%			
OP Pesticide	Tokuthion (Prothiofos) µg/L	WW	3	0%			
OP Pesticide	Trichloronate µg/L	ALL	4	0%			
OP Pesticide	Trichloronate µg/L	DW	1	0%			
OP Pesticide	Trichloronate µg/L	WW	3	0%			
PAH	1-Methylnaphthalene µg/L	ALL	4	100%	0.0097	0.001	0.031
PAH	1-Methylnaphthalene µg/L	DW	1	100%			0.001
PAH	1-Methylnaphthalene µg/L	WW	3	100%	0.0125	0.016	0.003
PAH	1-Methylphenanthrene µg/L	ALL	4	75%	0.0037	0.003	0.004
PAH	1-Methylphenanthrene µg/L	DW	1	0%			
PAH	1-Methylphenanthrene µg/L	WW	3	100%	0.0040	0.000	0.003
PAH	2-Methylnaphthalene µg/L	ALL	4	100%	0.0166	0.002	0.050
PAH	2-Methylnaphthalene µg/L	DW	1	100%			0.002
PAH	2-Methylnaphthalene µg/L	WW	3	100%	0.0215	0.025	0.006
PAH	2,3,5-Trimethylnaphthalene µg/L	ALL	4	0%			

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
PAH	2,3,5-Trimethylnaphthalene µg/L	DW	1	0%			
PAH	2,3,5-Trimethylnaphthalene µg/L	WW	3	0%			
PAH	2,6-Dimethylnaphthalene µg/L	ALL	4	50%		0.003	0.007
PAH	2,6-Dimethylnaphthalene µg/L	DW	1	0%			
PAH	2,6-Dimethylnaphthalene µg/L	WW	3	67%			0.003
PAH	Acenaphthene µg/L	ALL	4	100%	0.0055	0.003	0.012
PAH	Acenaphthene µg/L	DW	1	100%			0.003
PAH	Acenaphthene µg/L	WW	3	100%	0.0064	0.005	0.003
PAH	Acenaphthylene µg/L	ALL	4	50%		0.003	0.003
PAH	Acenaphthylene µg/L	DW	1	0%			
PAH	Acenaphthylene µg/L	WW	3	67%			0.003
PAH	Anthracene µg/L	ALL	4	75%	0.0024	0.002	0.004
PAH	Anthracene µg/L	DW	1	0%			
PAH	Anthracene µg/L	WW	3	100%	0.0028	0.001	0.002
PAH	Benz(a)anthracene µg/L	ALL	4	75%	0.0084	0.007	0.015
PAH	Benz(a)anthracene µg/L	DW	1	0%			
PAH	Benz(a)anthracene µg/L	WW	3	100%	0.0102	0.004	0.007
PAH	Benzo(a)pyrene µg/L	ALL	4	75%	0.0127	0.012	0.016
PAH	Benzo(a)pyrene µg/L	DW	1	0%			
PAH	Benzo(a)pyrene µg/L	WW	3	100%	0.0139	0.002	0.012
PAH	Benzo(b)fluoranthene µg/L	ALL	4	75%	0.0252	0.020	0.034
PAH	Benzo(b)fluoranthene µg/L	DW	1	0%			
PAH	Benzo(b)fluoranthene µg/L	WW	3	100%	0.0291	0.008	0.020
PAH	Benzo(e)pyrene µg/L	ALL	4	75%	0.0228	0.020	0.032
PAH	Benzo(e)pyrene µg/L	DW	1	0%			
PAH	Benzo(e)pyrene µg/L	WW	3	100%	0.0260	0.006	0.020
PAH	Benzo(g,h,i)perylene µg/L	ALL	4	75%	0.0254	0.023	0.034
PAH	Benzo(g,h,i)perylene µg/L	DW	1	0%			
PAH	Benzo(g,h,i)perylene µg/L	WW	3	100%	0.0286	0.006	0.023

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
PAH	Benzo(k)fluoranthene µg/L	ALL	4	75%		0.016	0.024
PAH	Benzo(k)fluoranthene µg/L	DW	1	0%			
PAH	Benzo(k)fluoranthene µg/L	WW	3	100%	0.0215	0.005	0.016
PAH	Biphenyl µg/L	ALL	4	75%	0.0019	0.001	0.003
PAH	Biphenyl µg/L	DW	1	100%			0.001
PAH	Biphenyl µg/L	WW	3	67%			0.003
PAH	Chrysene µg/L	ALL	4	75%	0.0149	0.008	0.032
PAH	Chrysene µg/L	DW	1	0%			
PAH	Chrysene µg/L	WW	3	100%	0.0191	0.012	0.008
PAH	Dibenz(a,h)anthracene µg/L	ALL	4	25%		0.004	0.004
PAH	Dibenz(a,h)anthracene µg/L	DW	1	0%			
PAH	Dibenz(a,h)anthracene µg/L	WW	3	33%			0.004
PAH	Dibenzothiophene µg/L	ALL	4	25%		0.008	0.008
PAH	Dibenzothiophene µg/L	DW	1	0%			
PAH	Dibenzothiophene µg/L	WW	3	33%			0.008
PAH	Fluoranthene µg/L	ALL	4	100%	0.0255	0.003	0.039
PAH	Fluoranthene µg/L	DW	1	100%			0.003
PAH	Fluoranthene µg/L	WW	3	100%	0.0331	0.006	0.027
PAH	Fluorene µg/L	ALL	4	50%		0.004	0.006
PAH	Fluorene µg/L	DW	1	0%			
PAH	Fluorene µg/L	WW	3	67%			0.004
PAH	Indeno(1,2,3-cd)pyrene µg/L	ALL	4	75%	0.0257	0.015	0.047
PAH	Indeno(1,2,3-cd)pyrene µg/L	DW	1	0%			
PAH	Indeno(1,2,3-cd)pyrene µg/L	WW	3	100%	0.0323	0.016	0.015
PAH	Naphthalene µg/L	ALL	4	100%	0.0247	0.003	0.081
PAH	Naphthalene µg/L	DW	1	100%			0.003
PAH	Naphthalene µg/L	WW	3	100%	0.0318	0.043	0.007
PAH	Perylene µg/L	ALL	4	25%		0.041	0.041
PAH	Perylene µg/L	DW	1	0%			

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
PAH	Perylene µg/L	WW	3	33%			0.041
PAH	Phenanthrene µg/L	ALL	4	100%	0.0175	0.003	0.024
PAH	Phenanthrene µg/L	DW	1	100%			0.003
PAH	Phenanthrene µg/L	WW	3	100%	0.0222	0.001	0.021
PAH	Pyrene µg/L	ALL	4	100%	0.0260	0.003	0.043
PAH	Pyrene µg/L	DW	1	100%			0.003
PAH	Pyrene µg/L	WW	3	100%	0.0335	0.009	0.025
Pesticide	Fipronil Desulfinyl ng/L	ALL	4	100%	2.43	1.80	3.20
Pesticide	Fipronil Desulfinyl ng/L	DW	1	100%			1.90
Pesticide	Fipronil Desulfinyl ng/L	WW	3	100%	2.60	0.721	1.80
Pesticide	Fipronil ng/L	ALL	4	100%	10.23	0.900	15.00
Pesticide	Fipronil ng/L	DW	1	100%			0.900
Pesticide	Fipronil ng/L	WW	3	100%	13.33	1.53	12.00
Pesticide	Fipronil Sulfide ng/L	ALL	4	25%		1.20	1.20
Pesticide	Fipronil Sulfide ng/L	DW	1	0%			
Pesticide	Fipronil Sulfide ng/L	WW	3	33%			1.20
Pesticide	Fipronil Sulfone ng/L	ALL	4	100%	10.15	4.60	14.00
Pesticide	Fipronil Sulfone ng/L	DW	1	100%			4.60
Pesticide	Fipronil Sulfone ng/L	WW	3	100%	12.00	1.73	11.00
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	ALL	4	25%		150	150
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	DW	1	0%			
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	WW	3	33%			150
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	ALL	4	25%		570	570
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	DW	1	0%			
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	WW	3	33%			570
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	ALL	4	0%			
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	DW	1	0%			
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	WW	3	0%			
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	ALL	4	0%			

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	DW	1	0%			
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	WW	3	0%			
Pyrethroid	Allethrin ng/L	ALL	4	0%			
Pyrethroid	Allethrin ng/L	DW	1	0%			
Pyrethroid	Allethrin ng/L	WW	3	0%			
Pyrethroid	Bifenthrin ng/L	ALL	4	100%	12.50	1.00	19.00
Pyrethroid	Bifenthrin ng/L	DW	1	100%			1.00
Pyrethroid	Bifenthrin ng/L	WW	3	100%	16.33	2.52	14.00
Pyrethroid	Cyfluthrin ng/L	ALL	4	75%	1.24	0.900	2.80
Pyrethroid	Cyfluthrin ng/L	DW	1	0%			
Pyrethroid	Cyfluthrin ng/L	WW	3	100%	1.57	1.07	0.900
Pyrethroid	Cypermethrin ng/L	ALL	4	75%	1.32	1.20	1.70
Pyrethroid	Cypermethrin ng/L	DW	1	0%			
Pyrethroid	Cypermethrin ng/L	WW	3	100%	1.47	0.252	1.20
Pyrethroid	Deltamethrin/Tralomethrin ng/L	ALL	4	75%	3.65	2.20	8.30
Pyrethroid	Deltamethrin/Tralomethrin ng/L	DW	1	0%			
Pyrethroid	Deltamethrin/Tralomethrin ng/L	WW	3	100%	4.67	3.21	2.20
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	ALL	4	25%		1.30	1.30
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	DW	1	0%			
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	WW	3	33%			1.30
Pyrethroid	Fenpropathrin ng/L	ALL	4	0%			
Pyrethroid	Fenpropathrin ng/L	DW	1	0%			
Pyrethroid	Fenpropathrin ng/L	WW	3	0%			
Pyrethroid	L-Cyhalothrin ng/L	ALL	4	25%		0.700	0.700
Pyrethroid	L-Cyhalothrin ng/L	DW	1	0%			
Pyrethroid	L-Cyhalothrin ng/L	WW	3	33%			0.700
Pyrethroid	Permethrin ng/L	ALL	4	25%		2.80	2.80
Pyrethroid	Permethrin ng/L	DW	1	0%			
Pyrethroid	Permethrin ng/L	WW	3	33%			2.80

Classification	Analyte	Season	n	% Detected	Mean	Min Detected	Max Detected
Pyrethroid	Tau-Fluvalinate ng/L	ALL	4	0%			
Pyrethroid	Tau-Fluvalinate ng/L	DW	1	0%			
Pyrethroid	Tau-Fluvalinate ng/L	WW	3	0%			
Pyrethroid	Tetramethrin ng/L	ALL	4	0%			
Pyrethroid	Tetramethrin ng/L	DW	1	0%			
Pyrethroid	Tetramethrin ng/L	WW	3	0%			

Table 1: Summary Statistics for Site UR5 (2018-2019)

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
Bacteriological	E. coli MPN/100 mL	ALL	4	100%	27128	43590	210	92000
Bacteriological	E. coli MPN/100 mL	DW	1	100%			210	210
Bacteriological	E. coli MPN/100 mL	WW	3	100%	36100	48653	3300	92000
Bacteriological	Fecal Coliform MPN/100 mL	ALL	4	100%	18075	24511	400	54000
Bacteriological	Fecal Coliform MPN/100 mL	DW	1	100%			400	400
Bacteriological	Fecal Coliform MPN/100 mL	WW	3	100%	23967	26323	4900	54000
Conventional	Alkalinity as CaCO3 mg/L	ALL	4	100%	95.50	106	37.00	254
Conventional	Alkalinity as CaCO3 mg/L	DW	1	100%			254	254
Conventional	Alkalinity as CaCO3 mg/L	WW	3	100%	42.67	4.93	37.00	46.00
Conventional	Bicarbonate as CaCO3 mg/L	ALL	4	100%	95.50	106	37.00	254
Conventional	Bicarbonate as CaCO3 mg/L	DW	1	100%			254	254
Conventional	Bicarbonate as CaCO3 mg/L	WW	3	100%	42.67	4.93	37.00	46.00
Conventional	BOD mg/L	ALL	4	50%			6.00	6.00
Conventional	BOD mg/L	DW	1	100%			6.00	6.00
Conventional	BOD mg/L	WW	3	33%			6.00	6.00
Conventional	Carbonate as CaCO3 mg/L	ALL	4	0%				
Conventional	Carbonate as CaCO3 mg/L	DW	1	0%				
Conventional	Carbonate as CaCO3 mg/L	WW	3	0%				
Conventional	Chemical Oxygen Demand mg/L	ALL	4	75%			25.00	57.00
Conventional	Chemical Oxygen Demand mg/L	DW	1	100%			25.00	25.00
Conventional	Chemical Oxygen Demand mg/L	WW	3	67%			25.00	57.00
Conventional	Dissolved Organic Carbon mg/L	ALL	4	100%	7.63	2.31	5.80	11.00
Conventional	Dissolved Organic Carbon mg/L	DW	1	100%			6.60	6.60
Conventional	Dissolved Organic Carbon mg/L	WW	3	100%	7.97	2.71	5.80	11.00
Conventional	Dissolved Oxygen,Field mg/L	ALL	4	100%	7.20	2.14	4.02	8.70
Conventional	Dissolved Oxygen,Field mg/L	DW	1	100%			4.02	4.02
Conventional	Dissolved Oxygen,Field mg/L	WW	3	100%	8.26	0.389	7.97	8.70

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
Conventional	EC µmhos/cm	ALL	4	100%	258	262	120	650
Conventional	EC µmhos/cm	DW	1	100%			650	650
Conventional	EC µmhos/cm	WW	3	100%	127	5.77	120	130
Conventional	EC,Field µmhos/cm	ALL	4	100%	330	276	122	717.4
Conventional	EC,Field µmhos/cm	DW	1	100%			717	717.4
Conventional	EC,Field µmhos/cm	WW	3	100%	201	118	122	336.4
Conventional	Hardness as CaCO3 mg/L	ALL	4	100%	87.50	95.04	36.00	230
Conventional	Hardness as CaCO3 mg/L	DW	1	100%			230	230
Conventional	Hardness as CaCO3 mg/L	WW	3	100%	40.00	3.46	36.00	42.00
Conventional	Hydroxide as CaCO3 mg/L	ALL	4	0%				
Conventional	Hydroxide as CaCO3 mg/L	DW	1	0%				
Conventional	Hydroxide as CaCO3 mg/L	WW	3	0%				
Conventional	pH,Field std. units	ALL	4	100%	6.07	0.408	5.51	6.44
Conventional	pH,Field std. units	DW	1	100%			6.29	6.29
Conventional	pH,Field std. units	WW	3	100%	5.99	0.466	5.51	6.44
Conventional	Suspended Sediment Concentration mg/L	ALL	4	100%	10.00	4.84	3.60	15.00
Conventional	Suspended Sediment Concentration mg/L	DW	1	100%			3.60	3.60
Conventional	Suspended Sediment Concentration mg/L	WW	3	100%	12.13	2.80	9.40	15.00
Conventional	Temperature,Field Deg C	ALL	3	100%	15.57	5.79	11.85	22.24
Conventional	Temperature,Field Deg C	DW	1	100%			22.24	22.24
Conventional	Temperature,Field Deg C	WW	2	100%	12.23	0.537	11.85	12.61
Conventional	Total Dissolved Solids mg/L	ALL	4	100%	152	152	57.00	380
Conventional	Total Dissolved Solids mg/L	DW	1	100%			380	380
Conventional	Total Dissolved Solids mg/L	WW	3	100%	76.33	17.01	57.00	89.00
Conventional	Total Organic Carbon mg/L	ALL	4	100%	9.78	3.53	7.30	15.00
Conventional	Total Organic Carbon mg/L	DW	1	100%			8.20	8.20
Conventional	Total Organic Carbon mg/L	WW	3	100%	10.30	4.12	7.30	15.00
Conventional	Total Suspended Solids mg/L	ALL	4	100%	10.25	5.44	3.00	16.00
Conventional	Total Suspended Solids mg/L	DW	1	100%			3.00	3.00

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
Conventional	Total Suspended Solids mg/L	WW	3	100%	12.67	3.06	10.00	16.00
Conventional	Turbidity NTU	ALL	4	100%	8.08	4.38	1.80	12.00
Conventional	Turbidity NTU	DW	1	100%			1.80	1.80
Conventional	Turbidity NTU	WW	3	100%	10.17	1.59	9.20	12.00
Conventional	Turbidity,Field NTU	ALL	3	100%	40.10	45.22	9.19	92.00
Conventional	Turbidity,Field NTU	DW	1	100%			9.19	9.19
Conventional	Turbidity,Field NTU	WW	2	100%	55.55	51.55	19.10	92.00
Metal	Copper, Dissolved µg/L	ALL	4	100%	2.14	1.52	0.270	4.00
Metal	Copper, Dissolved µg/L	DW	1	100%			0.270	0.270
Metal	Copper, Dissolved µg/L	WW	3	100%	2.77	1.07	2.10	4.00
Metal	Copper, Total µg/L	ALL	4	100%	3.08	1.68	0.620	4.30
Metal	Copper, Total µg/L	DW	1	100%			0.620	0.620
Metal	Copper, Total µg/L	WW	3	100%	3.90	0.458	3.40	4.30
Metal	Iron, Dissolved mg/L	ALL	4	100%	0.073	0.021	0.050	0.100
Metal	Iron, Dissolved mg/L	DW	1	100%			0.070	0.070
Metal	Iron, Dissolved mg/L	WW	3	100%	0.073	0.025	0.050	0.100
Metal	Iron, Total mg/L	ALL	4	100%	0.328	0.140	0.120	0.420
Metal	Iron, Total mg/L	DW	1	100%			0.120	0.120
Metal	Iron, Total mg/L	WW	3	100%	0.397	0.025	0.370	0.420
Metal	Lead, Dissolved µg/L	ALL	4	50%			0.090	0.180
Metal	Lead, Dissolved µg/L	DW	1	0%				
Metal	Lead, Dissolved µg/L	WW	3	67%			0.090	0.180
Metal	Lead, Total µg/L	ALL	4	75%	0.370	0.091	0.330	0.450
Metal	Lead, Total µg/L	DW	1	0%				
Metal	Lead, Total µg/L	WW	3	100%	0.407	0.067	0.330	0.450
Metal	Mercury ng/L	ALL	5	100%	2.80	1.10	1.20	3.70
Metal	Mercury ng/L	DW	1	100%			1.20	1.20
Metal	Mercury ng/L	WW	4	100%	3.20	0.744	2.10	3.70
Metal	Mercury, Methyl ng/L	ALL	5	100%	0.214	0.272	0.080	0.700

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
Metal	Mercury, Methyl ng/L	DW	1	100%			0.700	0.700
Metal	Mercury, Methyl ng/L	WW	4	100%	0.093	0.015	0.080	0.110
Metal	Zinc, Dissolved µg/L	ALL	4	100%	11.50	7.59	1	19.00
Metal	Zinc, Dissolved µg/L	DW	1	100%			1	1
Metal	Zinc, Dissolved µg/L	WW	3	100%	15.00	3.61	12.00	19.00
Metal	Zinc, Total µg/L	ALL	4	100%	19.05	11.42	2.20	27.00
Metal	Zinc, Total µg/L	DW	1	100%			2.20	2.20
Metal	Zinc, Total µg/L	WW	3	100%	24.67	2.52	22.00	27.00
Nutrient	Nitrate + Nitrite as N mg/L	ALL	4	100%	0.273	0.146	0.083	0.440
Nutrient	Nitrate + Nitrite as N mg/L	DW	1	100%			0.083	0.083
Nutrient	Nitrate + Nitrite as N mg/L	WW	3	100%	0.337	0.090	0.280	0.440
Nutrient	Phosphorus as P mg/L	ALL	4	100%	0.323	0.116	0.230	0.490
Nutrient	Phosphorus as P mg/L	DW	1	100%			0.490	0.490
Nutrient	Phosphorus as P mg/L	WW	3	100%	0.267	0.040	0.230	0.310
Nutrient	Total Kjeldahl Nitrogen mg/L	ALL	4	100%	1.50	0.356	1.20	2.00
Nutrient	Total Kjeldahl Nitrogen mg/L	DW	1	100%			2.00	2.00
Nutrient	Total Kjeldahl Nitrogen mg/L	WW	3	100%	1.33	0.153	1.20	1.50
OP Pesticide	Bolstar µg/L	ALL	4	0%				
OP Pesticide	Bolstar µg/L	DW	1	0%				
OP Pesticide	Bolstar µg/L	WW	3	0%				
OP Pesticide	Chlorpyrifos µg/L	ALL	8	38%	0.001	0.001	0.001	0.002
OP Pesticide	Chlorpyrifos µg/L	DW	2	0%				
OP Pesticide	Chlorpyrifos µg/L	WW	6	50%	0.001	0.001	0.001	0.002
OP Pesticide	Demeton, Total µg/L	ALL	4	0%				
OP Pesticide	Demeton, Total µg/L	DW	1	0%				
OP Pesticide	Demeton, Total µg/L	WW	3	0%				
OP Pesticide	Diazinon µg/L	ALL	8	13%			0.003	0.003
OP Pesticide	Diazinon µg/L	DW	2	0%				
OP Pesticide	Diazinon µg/L	WW	6	17%			0.003	0.003

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
OP Pesticide	Dichlorvos µg/L	ALL	4	0%				
OP Pesticide	Dichlorvos µg/L	DW	1	0%				
OP Pesticide	Dichlorvos µg/L	WW	3	0%				
OP Pesticide	Dimethoate µg/L	ALL	4	0%				
OP Pesticide	Dimethoate µg/L	DW	1	0%				
OP Pesticide	Dimethoate µg/L	WW	3	0%				
OP Pesticide	Disulfoton µg/L	ALL	4	0%				
OP Pesticide	Disulfoton µg/L	DW	1	0%				
OP Pesticide	Disulfoton µg/L	WW	3	0%				
OP Pesticide	Ethoprop (Ethoprofos) µg/L	ALL	4	0%				
OP Pesticide	Ethoprop (Ethoprofos) µg/L	DW	1	0%				
OP Pesticide	Ethoprop (Ethoprofos) µg/L	WW	3	0%				
OP Pesticide	Fenchlorphos (Ronnel) µg/L	ALL	4	0%				
OP Pesticide	Fenchlorphos (Ronnel) µg/L	DW	1	0%				
OP Pesticide	Fenchlorphos (Ronnel) µg/L	WW	3	0%				
OP Pesticide	Fensulfothion µg/L	ALL	4	0%				
OP Pesticide	Fensulfothion µg/L	DW	1	0%				
OP Pesticide	Fensulfothion µg/L	WW	3	0%				
OP Pesticide	Fenthion µg/L	ALL	4	0%				
OP Pesticide	Fenthion µg/L	DW	1	0%				
OP Pesticide	Fenthion µg/L	WW	3	0%				
OP Pesticide	Malathion µg/L	ALL	4	0%				
OP Pesticide	Malathion µg/L	DW	1	0%				
OP Pesticide	Malathion µg/L	WW	3	0%				
OP Pesticide	Methidathion µg/L	ALL	4	0%				
OP Pesticide	Methidathion µg/L	DW	1	0%				
OP Pesticide	Methidathion µg/L	WW	3	0%				
OP Pesticide	Methyl Parathion µg/L	ALL	4	0%				
OP Pesticide	Methyl Parathion µg/L	DW	1	0%				

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
OP Pesticide	Methyl Parathion µg/L	WW	3	0%				
OP Pesticide	Mevinphos (Phosdrin) µg/L	ALL	4	0%				
OP Pesticide	Mevinphos (Phosdrin) µg/L	DW	1	0%				
OP Pesticide	Mevinphos (Phosdrin) µg/L	WW	3	0%				
OP Pesticide	Phorate µg/L	ALL	4	0%				
OP Pesticide	Phorate µg/L	DW	1	0%				
OP Pesticide	Phorate µg/L	WW	3	0%				
OP Pesticide	Phosmet µg/L	ALL	4	0%				
OP Pesticide	Phosmet µg/L	DW	1	0%				
OP Pesticide	Phosmet µg/L	WW	3	0%				
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	ALL	4	0%				
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	DW	1	0%				
OP Pesticide	Tetrachlorvinphos (Stirofos) µg/L	WW	3	0%				
OP Pesticide	Tokuthion (Prothiofos) µg/L	ALL	4	0%				
OP Pesticide	Tokuthion (Prothiofos) µg/L	DW	1	0%				
OP Pesticide	Tokuthion (Prothiofos) µg/L	WW	3	0%				
OP Pesticide	Trichloronate µg/L	ALL	4	0%				
OP Pesticide	Trichloronate µg/L	DW	1	0%				
OP Pesticide	Trichloronate µg/L	WW	3	0%				
PAH	1-Methylnaphthalene µg/L	ALL	4	100%	0.002	0.001	0.001	0.003
PAH	1-Methylnaphthalene µg/L	DW	1	100%			0.001	0.001
PAH	1-Methylnaphthalene µg/L	WW	3	100%	0.003	0.001	0.001	0.003
PAH	1-Methylphenanthrene µg/L	ALL	4	25%			0.001	0.001
PAH	1-Methylphenanthrene µg/L	DW	1	0%				
PAH	1-Methylphenanthrene µg/L	WW	3	33%			0.001	0.001
PAH	2-Methylnaphthalene µg/L	ALL	4	100%	0.004	0.002	0.002	0.006
PAH	2-Methylnaphthalene µg/L	DW	1	100%			0.002	0.002
PAH	2-Methylnaphthalene µg/L	WW	3	100%	0.004	0.002	0.002	0.006
PAH	2,3,5-Trimethylnaphthalene µg/L	ALL	4	0%				

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
PAH	2,3,5-Trimethylnaphthalene µg/L	DW	1	0%				
PAH	2,3,5-Trimethylnaphthalene µg/L	WW	3	0%				
PAH	2,6-Dimethylnaphthalene µg/L	ALL	4	0%				
PAH	2,6-Dimethylnaphthalene µg/L	DW	1	0%				
PAH	2,6-Dimethylnaphthalene µg/L	WW	3	0%				
PAH	Acenaphthene µg/L	ALL	4	50%			0.001	0.008
PAH	Acenaphthene µg/L	DW	1	100%			0.001	0.001
PAH	Acenaphthene µg/L	WW	3	33%			0.008	0.008
PAH	Acenaphthylene µg/L	ALL	4	50%			0.001	0.003
PAH	Acenaphthylene µg/L	DW	1	0%				
PAH	Acenaphthylene µg/L	WW	3	67%			0.001	0.003
PAH	Anthracene µg/L	ALL	4	25%			0.001	0.001
PAH	Anthracene µg/L	DW	1	0%				
PAH	Anthracene µg/L	WW	3	33%			0.001	0.001
PAH	Benz(a)anthracene µg/L	ALL	4	0%				
PAH	Benz(a)anthracene µg/L	DW	1	0%				
PAH	Benz(a)anthracene µg/L	WW	3	0%				
PAH	Benzo(a)pyrene µg/L	ALL	4	25%			0.002	0.002
PAH	Benzo(a)pyrene µg/L	DW	1	0%				
PAH	Benzo(a)pyrene µg/L	WW	3	33%			0.002	0.002
PAH	Benzo(b)fluoranthene µg/L	ALL	4	25%			0.002	0.002
PAH	Benzo(b)fluoranthene µg/L	DW	1	0%				
PAH	Benzo(b)fluoranthene µg/L	WW	3	33%			0.002	0.002
PAH	Benzo(e)pyrene µg/L	ALL	4	25%			0.002	0.002
PAH	Benzo(e)pyrene µg/L	DW	1	0%				
PAH	Benzo(e)pyrene µg/L	WW	3	33%			0.002	0.002
PAH	Benzo(g,h,i)perylene µg/L	ALL	4	25%			0.003	0.003
PAH	Benzo(g,h,i)perylene µg/L	DW	1	0%				
PAH	Benzo(g,h,i)perylene µg/L	WW	3	33%			0.003	0.003

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
PAH	Benzo(k)fluoranthene µg/L	ALL	4	25%			0.001	0.001
PAH	Benzo(k)fluoranthene µg/L	DW	1	0%				
PAH	Benzo(k)fluoranthene µg/L	WW	3	33%			0.001	0.001
PAH	Biphenyl µg/L	ALL	4	75%	0.001	0.000	0.001	0.002
PAH	Biphenyl µg/L	DW	1	100%			0.001	0.001
PAH	Biphenyl µg/L	WW	3	67%			0.002	0.002
PAH	Chrysene µg/L	ALL	4	25%			0.005	0.005
PAH	Chrysene µg/L	DW	1	0%				
PAH	Chrysene µg/L	WW	3	33%			0.005	0.005
PAH	Dibenz(a,h)anthracene µg/L	ALL	4	25%			0.003	0.003
PAH	Dibenz(a,h)anthracene µg/L	DW	1	0%				
PAH	Dibenz(a,h)anthracene µg/L	WW	3	33%			0.003	0.003
PAH	Dibenzothiophene µg/L	ALL	4	25%			0.002	0.002
PAH	Dibenzothiophene µg/L	DW	1	0%				
PAH	Dibenzothiophene µg/L	WW	3	33%			0.002	0.002
PAH	Fluoranthene µg/L	ALL	4	50%			0.003	0.004
PAH	Fluoranthene µg/L	DW	1	0%				
PAH	Fluoranthene µg/L	WW	3	67%			0.003	0.004
PAH	Fluorene µg/L	ALL	4	50%			0.003	0.006
PAH	Fluorene µg/L	DW	1	0%				
PAH	Fluorene µg/L	WW	3	67%			0.003	0.006
PAH	Indeno(1,2,3-cd)pyrene µg/L	ALL	4	0%				
PAH	Indeno(1,2,3-cd)pyrene µg/L	DW	1	0%				
PAH	Indeno(1,2,3-cd)pyrene µg/L	WW	3	0%				
PAH	Naphthalene µg/L	ALL	4	100%	0.004	0.002	0.003	0.006
PAH	Naphthalene µg/L	DW	1	100%			0.003	0.003
PAH	Naphthalene µg/L	WW	3	100%	0.004	0.002	0.003	0.006
PAH	Perylene µg/L	ALL	4	25%			0.014	0.014
PAH	Perylene µg/L	DW	1	0%				

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
PAH	Perylene µg/L	WW	3	33%			0.014	0.014
PAH	Phenanthrene µg/L	ALL	4	100%	0.004	0.001	0.002	0.005
PAH	Phenanthrene µg/L	DW	1	100%			0.002	0.002
PAH	Phenanthrene µg/L	WW	3	100%	0.004	0.000	0.004	0.005
PAH	Pyrene µg/L	ALL	4	50%			0.005	0.006
PAH	Pyrene µg/L	DW	1	0%				
PAH	Pyrene µg/L	WW	3	67%			0.005	0.006
Pesticide	Fipronil Desulfinyl ng/L	ALL	4	100%	5.50	3.04	3.50	10.00
Pesticide	Fipronil Desulfinyl ng/L	DW	1	100%			3.50	3.50
Pesticide	Fipronil Desulfinyl ng/L	WW	3	100%	6.17	3.35	3.80	10.00
Pesticide	Fipronil ng/L	ALL	4	100%	11.73	8.63	3.80	24.00
Pesticide	Fipronil ng/L	DW	1	100%			3.80	3.80
Pesticide	Fipronil ng/L	WW	3	100%	14.37	8.35	9.10	24.00
Pesticide	Fipronil Sulfide ng/L	ALL	4	100%	1.95	0.370	1.50	2.40
Pesticide	Fipronil Sulfide ng/L	DW	1	100%			2.40	2.40
Pesticide	Fipronil Sulfide ng/L	WW	3	100%	1.80	0.265	1.50	2.00
Pesticide	Fipronil Sulfone ng/L	ALL	4	100%	14.50	3.79	12.00	20.00
Pesticide	Fipronil Sulfone ng/L	DW	1	100%			14.00	14.00
Pesticide	Fipronil Sulfone ng/L	WW	3	100%	14.67	4.62	12.00	20.00
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	ALL	4	0%				
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPH quantitated as Diesel Fuel µg/L	WW	3	0%				
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	ALL	4	0%				
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPH quantitated as Motor Oil µg/L	WW	3	0%				
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	ALL	4	0%				
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPPH - Gasoline Fuel µg/L	WW	3	0%				
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	ALL	4	0%				

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	DW	1	0%				
Petroleum Hydrocarbons	TPPH quantitated as Gasoline µg/L	WW	3	0%				
Pyrethroid	Allethrin ng/L	ALL	4	0%				
Pyrethroid	Allethrin ng/L	DW	1	0%				
Pyrethroid	Allethrin ng/L	WW	3	0%				
Pyrethroid	Bifenthrin ng/L	ALL	4	100%	11.15	8.15	0.600	20.00
Pyrethroid	Bifenthrin ng/L	DW	1	100%			0.600	0.600
Pyrethroid	Bifenthrin ng/L	WW	3	100%	14.67	5.03	10.00	20.00
Pyrethroid	Cyfluthrin ng/L	ALL	4	75%	1.43	0.845	1.10	2.50
Pyrethroid	Cyfluthrin ng/L	DW	1	0%				
Pyrethroid	Cyfluthrin ng/L	WW	3	100%	1.73	0.709	1.10	2.50
Pyrethroid	Cypermethrin ng/L	ALL	4	75%			0.600	0.700
Pyrethroid	Cypermethrin ng/L	DW	1	0%				
Pyrethroid	Cypermethrin ng/L	WW	3	100%	0.633	0.058	0.600	0.700
Pyrethroid	Deltamethrin/Tralomethrin ng/L	ALL	4	75%	3.10	2.11	1.90	5.40
Pyrethroid	Deltamethrin/Tralomethrin ng/L	DW	1	0%				
Pyrethroid	Deltamethrin/Tralomethrin ng/L	WW	3	100%	3.87	1.79	1.90	5.40
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	ALL	4	75%	0.633	0.502	0.400	1.30
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	DW	1	0%				
Pyrethroid	Esfenvalerate/Fenvalerate ng/L	WW	3	100%	0.800	0.458	0.400	1.30
Pyrethroid	Fenpropathrin ng/L	ALL	4	0%				
Pyrethroid	Fenpropathrin ng/L	DW	1	0%				
Pyrethroid	Fenpropathrin ng/L	WW	3	0%				
Pyrethroid	L-Cyhalothrin ng/L	ALL	4	75%			0.400	1.30
Pyrethroid	L-Cyhalothrin ng/L	DW	1	0%				
Pyrethroid	L-Cyhalothrin ng/L	WW	3	100%	0.700	0.520	0.400	1.30
Pyrethroid	Permethrin ng/L	ALL	4	25%			3.30	3.30
Pyrethroid	Permethrin ng/L	DW	1	0%				
Pyrethroid	Permethrin ng/L	WW	3	33%			3.30	3.30

Classification	Analyte	Season	n	% Det	Mean	SdDev	Min Det	Max Det
Pyrethroid	Tau-Fluvalinate ng/L	ALL	4	0%				
Pyrethroid	Tau-Fluvalinate ng/L	DW	1	0%				
Pyrethroid	Tau-Fluvalinate ng/L	WW	3	0%				
Pyrethroid	Tetramethrin ng/L	ALL	4	0%				
Pyrethroid	Tetramethrin ng/L	DW	1	0%				
Pyrethroid	Tetramethrin ng/L	WW	3	0%				