2019 Periodic Review Report

Location:

R.D. Specialties, Inc. Site
560 Salt Road,
Webster, New York 14580
NYSDEC Site No. 828062

Prepared for:

R.D. Specialties, Inc.
560 Salt Road,
Webster, New York 14580

LaBella Project No. 2161127

June 2019
Revised August 2019

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1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) is being submitted for the for the R.D. Specialties, Inc. Site in Webster, New York (New York State Department of Environmental Conservation (NYSDEC) Site No. 828062), hereinafter referred to as the "Site". This PRR covers the reporting period between January 1, 2018 and May 25, 2019; however, the groundwater data since the 1990s is also included.

1.1 Site Summary

The Site is located at 560 Salt Road in the County of Monroe, New York and consists of three parcels totaling approximately 24.9-acres. The Site is bounded by residential land to the north, commercial land to the south, a water treatment plant to the east, and Salt Road to the west with agricultural land beyond Salt Road. A project location map is included as Figure 1. The portion of the Site with chromium impacts are the two smaller parcels that include a manufacturing building and a two-story house that is used as office space.

In March 1991 the NYSDEC issued a Record of Decision (ROD) for the Site detailing the selected remedy. The selected remedial action included the following:

- Excavation of contaminated soil identified at the Site having an approximate volume of 345 cubic yards. Disposal of the contaminated soil at an off-site permitted RCRA landfill.
- Long-term groundwater monitoring for chromium contamination.

After the initial removal action was completed in the early 1990s, groundwater has been monitored at the Site as required by the ROD. In addition, groundwater sumps were installed within building additions and these sumps were utilized to extract groundwater. The extracted groundwater was pumped through resin beds and discharged to the local sanitary sewer system under a permit. Groundwater extraction and treatment occurred from the mid-1990s until 2017.

NYSDEC issued a letter on June 3, 2011 requiring additional investigation be completed since the concentrations of chromium in groundwater were still elevated. As such, an investigation was completed in July 2016 that consisted of interior soil borings to assess a former dry well area. Subsequently, a Corrective Measures Plan was submitted to complete a source removal and the removal was completed in January 2017.

The source removal included the removal and off-site disposal of 132.4 tons of non-hazardous soil, concrete and bedrock and 53.28 tons of hazardous waste soil. In addition, 400 pounds of 3-D Microemulsion and 120 pounds of HRC Primer were also placed in the excavation prior to backfilling. These amendments were added to create reducing conditions in order to further treat the chromium in-situ. After completion of the work, the amendment was later encountered in the basement sump to the west of the excavation area. The amendment fouled the resin beds and due to this (and a lack of off-site migration of chromium impacts), the sump pumps were turned off. Since the basement sump pump was necessary to prevent flooding in the basement of the house, NYSDEC approved piping from the sump pump to be re-routed back to infrastructure installed within the backfill of the source area drywell excavation (refer to Figure 2 for locations). This allowed the water to be recirculated to the subsurface.

1.2 Effectiveness of Remedial Program

Remedial objectives for the Site were defined in the ROD to be:

1. The remedial action objective for the soils at the Site is to reduce the concentration of total chromium to below 31 ppm (determined action level) by soil removal or treatment.
2. The remedial action objective for the groundwater at the Site is to control, minimize or eliminate the migration of contaminants from the Site.

The Corrective Measures work furthered the remedial progress towards these goals. Confirmation soil samples indicated there are still exceedences of 31 ppm in soil; however, the amendment placed in the excavation is intended to create reducing conditions to reduce hexavalent chromium to trivalent chromium which is less mobile and less toxic.

The previous remedial work at the Site and the recent Corrective Measures work have been effective.

1.3 Compliance

No areas of non-compliance regarding completion of the routine long-term groundwater monitoring program were identified during the reporting period.

1.4 Recommendations

Based on the work completed to date, the remedial program implemented has significantly reduced chromium concentrations at the Site. Groundwater impacts still exceed the NYSDEC Groundwater Standards; however, the concentrations have been declining. At this time there are no recommendations on modifications to the remedial program; however, the following recommendations are provided to further the remedial goals:

1. Previous monitoring has included total Chromium concentrations only. The recent Corrective Measures work included a source removal with an amendment that was placed to promote reducing conditions with the intent of reducing hexavalent chromium to trivalent chromium. As such, it is recommended that one round of groundwater samples be collected that includes collecting groundwater quality parameters including dissolved oxygen (DO) and Oxidation Reduction Potential (ORP) in order to assess if reducing conditions are still present. Furthermore, it is also recommended that the sampling include monitoring of turbidity with a goal of sampling when turbidity is below at least 50 NTUs and preferably 10 NTUs. Based on the results of this sampling, some limited additional amendment application may be recommended to further reducing conditions.

2. The initial ROD was issued in 1991 and as such, a formal Site Management Plan (SMP) was not required. As such, it is recommended that a SMP be developed for this Site to document the monitoring requirements.

2.0 SITE OVERVIEW

The Site is listed as a Class 4 Inactive Hazardous Waste Disposal Site (IHWDS) by the NYSDEC. The Site was assigned as New York State Department of Environmental Conservation (NYSDEC) Site #828062.

RDS conducted chrome plating of metal rods beginning in 1966. The plated rods were rinsed and the rinsate was drained to a dry well. This practice continued until sometime in 1982, when the rinsate was treated and disposed of off-site. In addition, the NYSDEC ROD indicated that in the 1970s 40-50 gallons of plating solution (with approximately 47 pounds of chromium) was also discharged to the dry well. RDS entered into an Order on Consent with the NYSDEC in June 1992. The NYSDEC previously completed a removal of impacted soil at the Site and subsequently a foundation drainage system was installed to remove impacted groundwater and treat it prior to discharge. The foundation drain system has decreased the groundwater plume; however, the concentrations are still above the NYSDEC Groundwater Standards. The NYSDEC sent a letter June 3, 2011 requiring additional investigation be conducted to assess source areas in relation to groundwater contamination.

In July 2016, LaBella conducted a supplemental investigation inside the building at RDS in an effort to delineate the potential source area of chromium impact. A series of thirteen (13) soil borings were drilled through the building floor in the area of the former plating operations using a direct-push Geoprobe 6620 DT drill rig. Soil borings were advanced to the presumed top of bedrock, which averaged approximately five (5) feet below the concrete floor surface. An Olympus Innov-X Delta X-Ray Fluorescence (XRF) meter was used to screen subsurface soils collected from the borings for chromium content. Representative soil samples were collected from select borings and sent for laboratory analysis of total and hexavalent chromium. Soil sample results revealed significantly elevated concentrations of total chromium which appeared to represent a continuing source to groundwater within the former drywell area. LaBella developed a Corrective Measures Plan (CMP) which was approved by NYSDEC in January 2017. The objective of the CMP was to detail proposed remedial activities necessary to remove to the extent feasible source area chromium impacted soils and groundwater at the Site. The source area remedial work was completed in January 2017. A project total of 185.68 tons of chromium-impacted soil, bedrock and concrete was removed and disposed of at appropriately certified disposal facilities. A total of 132.4 tons of non-hazardous chromium-impacted soil, bedrock and concrete were disposed of at the High Acres Landfill and 53.28 tons of hazardous chromium-impacted soil, bedrock and concrete were transported and disposed of at the Envirite of Ohio facility in Canton, Ohio.

Routine groundwater monitoring has been conducted since completion of the Corrective Measures. Figure 2 illustrates the locations of the monitoring wells.

3.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

Groundwater at the Site has been monitored routinely for approximately 27 years. The monitoring results are provided in a summary table documenting concentrations of total chromium and is included as Appendix 1. The results are also provided for each well in graphs that are attached in Appendix 2. In addition, the average concentrations over 5 year periods were also assessed in order to evaluate for trends in total Chromium concentrations over time and these graphs are included in Appendix 3. A summary of these assessments are provided below:

- RD-2: This well is located upgradient of the main drywell source area but is downgradient of the exterior areas where plating waste was also discharged and exterior removals were previously completed. As shown in the graphs, the concentrations of Chromium in this well were less than 1 mg/L throughout the 1990s; however, the concentrations appeared to increase over time until a significantly higher concentration was identified in 2006 (62 mg/L). The concentrations have since declined and the average concentration since 2015 has been 0.146 mg/L.

- RD-5: This well is located north of the building and north of the drywell source area. The concentrations of total Chromium in this well significantly decreased in the late 1990s in comparison to the 1992-1995 timeframe; however, similar to well RD-2, the concentrations in this well increased significantly in 2006 and then have since decreased and the average concentration since 2015 has been 0.154 mg/L.

- RD-8: This well is located upgradient of the building and slightly upgradient of the exterior drainage ditch excavation completed in 1992. The concentrations in this well decreased steadily and monitoring of this well decreased in frequency until NYSDEC approved discontinuing monitoring of this well in 2016.

- RD-9: This well is located north of the building and is on the northwest portion of the property. This well is downgradient/crossgradient of the drywell source area. The concentrations in this well decreased between 1992 and 2005 and then concentrations began to increase until about 2010. Since 2010 the concentrations have decreased and the average concentration since 2015 is 0.036 mg/L.

- RD-12: This well is located downgradient of the building and the drywell source area. Monitoring for this well began in late 2009. The concentrations of total Chromium in this well have steadily decreased since monitoring began. The average concentration since 2015 is 0.994 mg/L.

- RD-13: This well is located downgradient of the former drywell source area and is between the drywell and the basement sump. Monitoring for this well began in late 2009. The concentrations of total Chromium in this well have generally decreased since monitoring began. The initial concentrations of Chromium in this well were greater than 50 mg/L and the 5-yr averages have steadily decreased. The average concentration since 2015 is 5.489 mg/L.

- RD-14: This well is located north of the building near the northeast corner of the building. This well is crossgradient of the former drywell source area. Monitoring of this well also began in late 2009. Concentrations of total Chromium in this well have steadily decreased since monitoring began and the average concentration since 2015 is 0.071 mg/L.

- RD-15: This well is located downgradient of the former plating operations and drywell source area. The initial total Chromium concentrations in this well were over 500 mg/L. The 5-yr average concentrations have steadily decreased and since 2015 the average concentration is 18.817 mg/L.

- RD-16: This well was installed within the drywell source area excavation that was completed in early 2017. As such, only a limited amount of data exists for this well and as such 5-yr average concentrations are not available. The concentrations in this well have fluctuated. It should be noted that the basement sump has been piped to the infrastructure installed in the drywell source area and as such, samples from RD-16 may be biased by this movement of water.

- North Sump: This sump is north of the drywell source area and was formerly utilized for groundwater extraction. The concentrations of total Chromium in this sump decreased between the 1992 and 2006 when a significant increase was noted; however, since 2006 the 5-yr average concentrations have decreased and since 2015 the average concentration is 9.649 mg/L.

- South Sump: This sump is directly adjacent the drywell source area but on the upgradient side. The concentrations of total Chromium in this sump have fluctuated over time. A significant increase was noted in 2006. This sump is no longer monitored since the 2017 drywell excavation due to the adjacent RD-16 well being monitored.

- Basement Sump: This sump is downgradient of the former drywell and plating operations. Monitoring of this sump did not initiate until 2008. The 5-yr average concentrations in this sump have steadily decreased over time. The average concentration since 2015 is 2.21 mg/L.

Based on the monitoring data, the concentrations of total Chromium continue to decrease over time.

4.0 INSTITUTIONAL/ENGINEERING CONTROL (IC/EC) PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

The following sections highlight the Institutional and Engineering Control requirements and compliance status for this reporting period.

4.1.1 IC Requirements-Site Restrictions

The Site has the following Institutional Controls (ICs) in the form of Site restrictions. Site restrictions that apply are as follows:

- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Monroe County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.

Although not specifically defined as an IC, the following are also part of the remedy:

- Data and information pertinent to site management must be reported at the frequency and in a manner as required by NYSDEC;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with NYSDEC regulations;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as required by NYSDEC;

4.1.2 EC Requirements

The Site does not have any Engineering Controls.

4.2 IC/EC Certification

The IC/EC Certification Form was completed in its entirety as all ICs/ECs are in place for the Site and a copy of the former is included as Appendix 4.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Requirements

The monitoring at the Site has been modified over the years. The current monitoring plan is outlined below:

- Sampling and analysis of groundwater;
- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly ambient groundwater standards;
- Assessing achievement of the remedial performance criteria;
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and,
- Preparing the necessary reports for the various monitoring activities.

Specifically, the following monitoring is completed for groundwater at the Site:

Well	Frequency
RD-2	Annual
RD-4	Discontinued
RD-5	Annual
RD-8	Discontinued
RD-9	Annual
RD-10	Discontinued
RD-12	Quarterly
RD-13	Quarterly
RD-14	Annual
RD-15	Quarterly
RD-16	Quarterly
North Sump	Quarterly
South Sump	Discontinued
Basement Sump	Discontinued

Laboratory reports for the sampling work completed during the reporting period are included in Appendix 5.

5.2 Monitoring Deficiencies

No monitoring deficiencies were noted during the reporting period with the exception that the sampling for the fourth quarter of 2018 was not completed.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the work completed to date, the remedial program implemented has significantly reduced chromium concentrations at the Site. Groundwater impacts still exceed the NYSDEC Groundwater Standards; however, the concentrations have been declining. At this time there are no recommendations on modifications to the remedial program; however, the following recommendations are provided to further the remedial goals:

1. Previous monitoring has included total Chromium concentrations only. The recent Corrective Measures work included a source removal with an amendment that was placed to promote reducing conditions with the intent of reducing hexavalent chromium to trivalent chromium. As such, it is recommended that one round of groundwater samples be collected that includes collecting groundwater quality parameters including dissolved oxygen (DO) and Oxidation Reduction Potential (ORP) in order to assess if reducing conditions are still present. Furthermore, it is also recommended that the sampling include monitoring of turbidity with a goal of sampling when turbidity is below at least 50 NTUs and preferably 10 NTUs. Based on the results of this sampling, some limited additional amendment application may be recommended to further reducing conditions.

2. The initial ROD was issued in 1991 and as such, a formal Site Management Plan (SMP). As such, it is recommended that a SMP be developed for this Site to document the monitoring requirements.

7.0 LIMITATIONS

The conclusions presented in this report are based on information gathered in accordance with generally acceptable professional consulting principles and practices. All conclusions reflect observable conditions existing at the time of the Site inspection. Information provided by outside sources (individuals, agencies, laboratories, etc.) as cited herein, was used in the assessment of the Site. The accuracy of the conclusions drawn from this assessment is, therefore, dependent upon the accuracy of information provided by these sources. Furthermore, LaBella is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to the performance of services.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based upon the facts currently available with the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the Client than are warranted by the current available facts, it is specifically Labella's' intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. LaBella makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not be construed as legal advice.

This assessment and report have been completed and prepared on behalf of and for the exclusive use of RD Specialties. Any reliance on this report by a third party is at such party's sole risk.

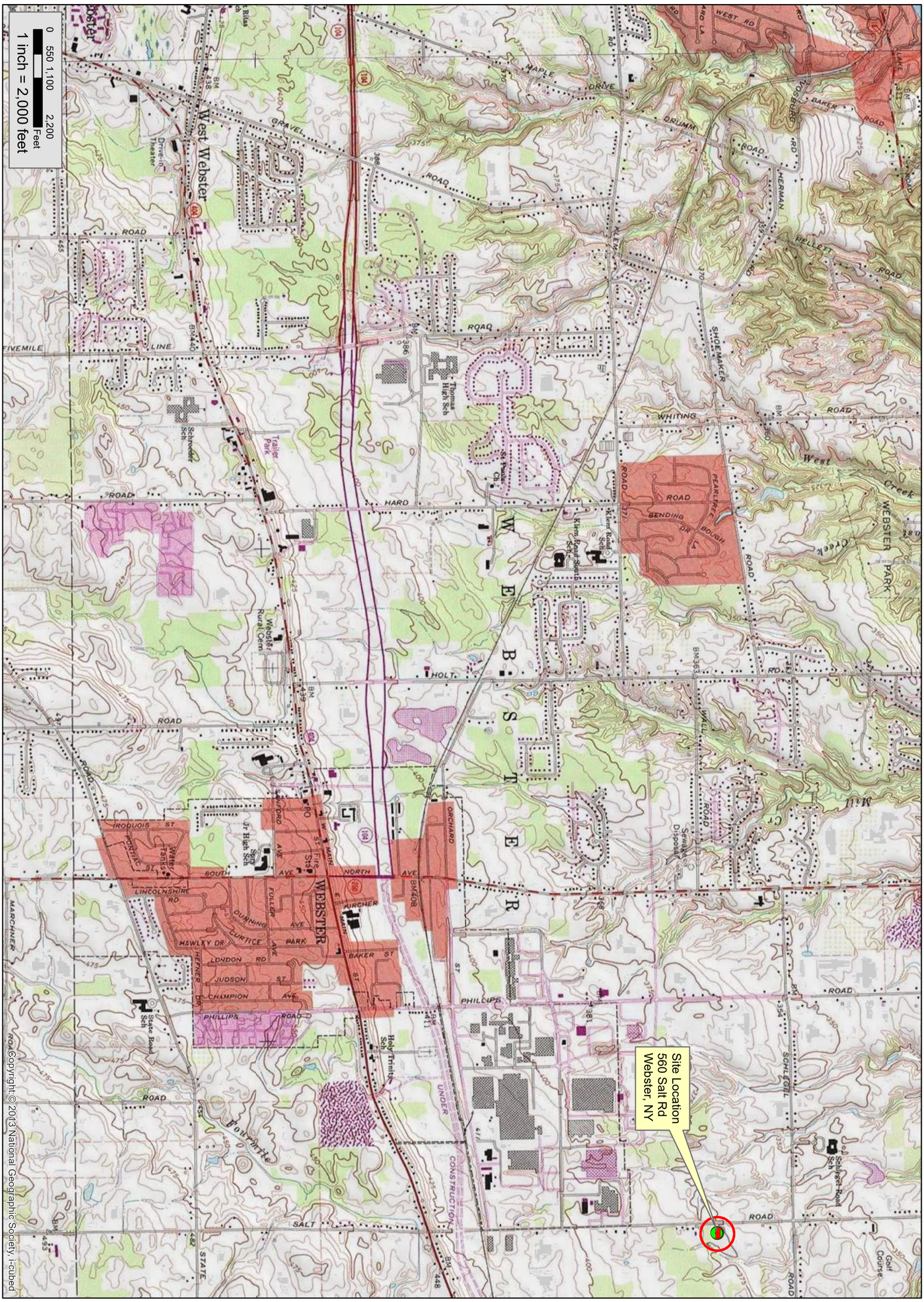
8.0 REFERENCES

DER10/Technical Guidance for Site Investigation and Remediation, NYSDEC, May 3, 2010

Record of Decision, NYSDEC, March 1991

Corrective Measures Report, LaBella Associates, January 2018

FIGURES



PROJECT/DRAWING NUMBER: 2161127	DRAWING TITLE: Site Location Map	PROJECT/CLIENT: 2019 PERIODIC REVIEW REPORT RDS R.D. SPECIALTIES 560 Salt Rd, Webster, NY	LaBella Powered by partnership.
FIGURE 1	ISSUED FOR: DRAFT DATE: 5/28/2019 DESIGNED BY: -- DRAWN BY: DRP REVIEWED BY: --		

LaBella
Powered by partnership.

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PROJECT/CLIENT
2019 Periodic Review Report
R.D. SPECIALTIES, INC.
560 Salt Rd, Webster, NY
NYSDEC Site #828062

DRAWING TITLE
Monitoring Location Plan

ISSUED FOR: DRAFT
DESIGNED BY: --
DRAWN BY: DRP
REVIEWED BY: --
DATE: 6/18/2019

PROJECT/DRAWING NUMBER
2161127
FIGURE 2

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APPENDIX 1

Monitoring Well Results Summary Table
Total Chromium Concentrations

RD SPECIALTIES MONITORING WELL RESULTS
Total Chormium Concentrations (mg/L)

SAMPLING	WELLS											NORTH	SOUTH	Basement	Quarterly
DATE	RD2	RD4	RD5	RD8	RD9	RD10	RD12	RD13	RD14	RD15	RD16	SUMP	SUMP	SUMP	Flow (gal)
12/23/92	0.42		30.00	0.56	1.80										
03/29/93	0.17		51.00	0.37	2.60										
06/23/93	0.08		47.00	0.20	6.50							DRY	72		
09/22/93	0.09	<0.05	30.00	0.13	5.80	<0.05						DRY	DRY		
12/29/93	0.05		17.00	0.13	3.40							140	35		
03/29/94	0.06		x 9.8	0.06	3.20							1.30	130.00		
06/29/94	0.07		18.00	0.10	5.80							2.60	21.00		
09/21/94	DRY	<0.05	6.40	<0.05	5.20	locked						DRY	0.62		
12/21/94	0.06		2.20	<0.05	1.20							70.00	7.60		345
03/15/95	<0.05		2.90	<0.05	2.70							12.00	18.00		4,417
06/16/95	0.26		4.70	0.06	6.70							DRY	DRY		348
09/27/95	dry	DRY	4.00	0.09	4.80	0.06						DRY	DRY		
12/13/95	<0.05		6.80	<0.05	0.91							51.00	15.00		
03/20/96	0.06		<0.05	0.09	1.40							NOT	TESTED		5,081
06/27/96	0.10		<0.05	<0.05	2.30							39.00	27.00		7,036
09/17/96	0.09	<0.05	1.10	dry	1.80	<0.05						dry	dry		156
12/13/96	<0.05		0.99	0.08	0.56							0.18	16.00		10,441
03/26/97	0.12		1.30	0.08	0.11							5.20	7.70		3,785
06/25/97	0.07		2.50	0.07	2.40							Dry	0.15		3,091
09/26/97	<0.05	<0.05	0.83	0.07	0.37	<0.05						Dry	Dry		19
12/12/97	0.18		1.20	<0.05	0.07							10.00	3.80		
03/13/98	0.07		1.60	<0.05	0.45							13.00	Dry		6,228
06/19/98	<0.05		0.44	<0.05	2.90							dry	dry		421
09/18/98	0.33	<0.05	0.45	<0.05	1.80	<0.05						dry	dry		37
12/15/98	<0.05		0.41	<0.05	0.49							dry	dry		55
03/31/99	<0.05	<0.05	3.90	<0.05	<0.05	<0.05						3.30	19.00		12,503
06/09/99			1.80		1.10							dry	dry		2,876
10/08/99	>0.05	<0.05	0.29		0.24	<0.05						dry	dry		0
12/28/99	0.11				0.29							24.00	6.00		27
03/28/00			0.79		0.07							8.30	0.06		4,852
05/15/00	8.20		1.10		1.20							6.50	0.09		N/A
06/30/00	0.15		1.20		0.33							19.00	7.30		7,235
10/12/00	<0.05	<0.05	2.30	<0.05	0.48	<0.05						33.00	34.00		278
01/09/01	0.12		1.60		0.22							25.00	15.00		2,156
03/23/01	0.08		0.58		0.34							2.70	6.50		11,743
06/28/01	0.23		2.70		1.10							dry	dry		3,617
10/16/01	0.11	<0.05	1.04		0.61	<0.05						dry	dry		0
12/17/01	<0.05		1.37		0.15							19.80	2.59		94
04/02/02	<0.05		0.89		0.40							15.10	15.20		3,726
06/11/02	<0.05		1.96		0.36							17.70	5.80		5,657
09/19/02	DRY	DRY	DRY		DRY	DRY						DRY	0.44		254
12/16/02	0.50		1.37		0.13							2.00	76.00		520
03/26/03	0.30		0.53		0.17							6.06	16.60		9,039
06/25/03	3.01		2.61		<0.05							18.50	10.80		4,330
09/24/03	1.92		1.58		0.28							dry	0.14		0
12/31/03	5.55	<0.05	0.92	<0.05	0.28	<0.05						3.50	19.70		3,250
03/22/04	4.08		0.92		0.28							6.60	12.90		9,489
06/31/04															6,161
09/30/04															670
01/21/05	1.86	<0.01	0.93	<0.01	0.45	<0.01						11.20	12.30		2,960
03/31/05	1.06		0.46		0.36							2.24	5.90		9,507
07/22/05	0.42		17.70		0.55							dry	dry		1,112
09/29/05	1.36	0.02	2.90	<0.010	0.02	0.01						7.93	308.00		0
12/16/05	1.25		0.86		1.06							17.20	184.00		2,557
03/22/06	0.73		1.00		0.49							17.00	45.00		9,510
06/21/06	0.46		5.40		0.20							Dry	4.80		1,430
09/19/06	62.00	<.05	18.00	<.05	0.39	<.05						340.00	27.00		277
12/18/06	2.70		6.20		2.00							16.00	110.00		1,889

RD SPECIALTIES MONITORING WELL RESULTS
Total Chormium Concentrations (mg/L)

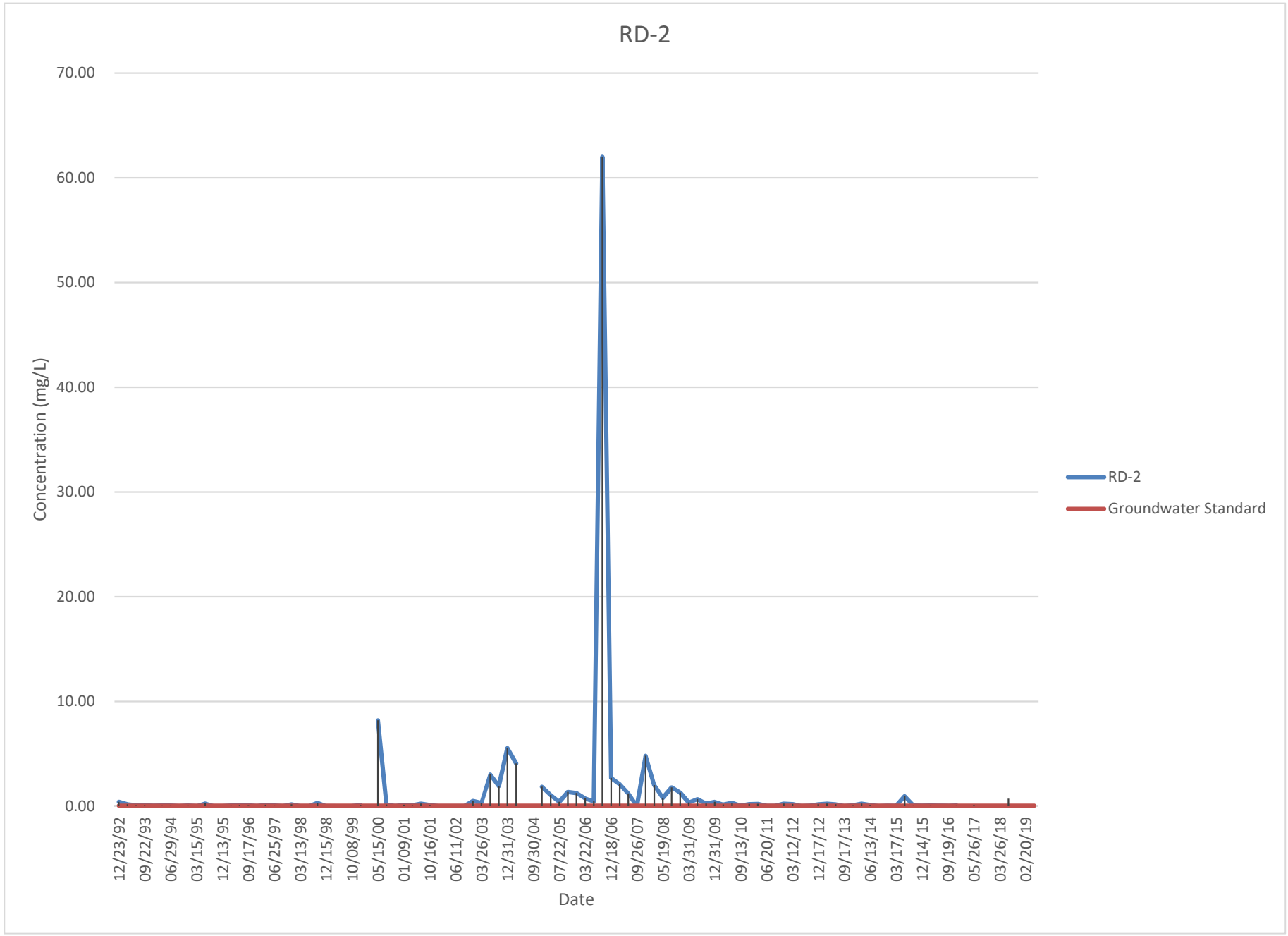
SAMPLING	WELLS											NORTH	SOUTH	Basement	Quarterly
DATE	RD2	RD4	RD5	RD8	RD9	RD10	RD12	RD13	RD14	RD15	RD16	SUMP	SUMP	SUMP	Flow (gal)
03/19/07	2.10		8.20		1.90							10.00	43.00		9,547
06/25/07	1.20		9.50		1.60							dry	dry		6,398
09/26/07	Dry	<.05	Dry	<.05	Dry	<.05						Dry	Dry		0
12/03/07	4.8		14		0.08							16.00	4.80		2,306
03/17/08	2.00		5.00		2.40							5.40	20.00		47,716
05/19/08	0.79		6.30		1.70							28.00	20.00		39,520
09/08/08	1.80	0.010	43.00	0.05	2.10	0.058						dry	dry	59.00	2,880
12/02/08	1.30		5.30		3.40							21.00	35.00	14.00	17,520
03/31/09	0.35		2.50		1.40							16.00	15.00	21.00	61,050
06/01/09	0.67		3.80		2.20							26.00	23.00	23.00	27,950
09/28/09	0.23	0.024	10.00	0.06	1.50	0.015						dry	dry	37.00	14,610
12/31/09	0.42		1.80		2.30		8.40	64.00	1.40	510.00		22.00	15.00	15.00	15,020
03/24/10	0.16		1.70		2.40		1.30	64.00	0.78	570.00		11.00	10.00	12.00	62,740
06/07/10	0.33		2.30		1.00		32.00	44.00	1.00	260.00		10.00	13.00	14.00	18,780
09/13/10	0.05	dry	3.60	0.02	2.20	ND	20.00	dry	0.37	140.00		dry	dry	0.18	1,810
12/20/10	0.20		1.10		2.00		6.00	57.00	0.79	370.00		11.00	8.20	9.60	30,310
03/22/11	0.22		0.79		1.40		2.03	65.40	0.54	260.00		5.11	5.20	9.88	60,920
06/20/11	0.02		2.89		1.48		6.00		0.25			Dry	3.97	39.50	57,280
09/22/11	0.03		0.61	<.01	0.35	0.03	7.79	93.50	0.31	166.00		5.04	79.50	19.10	22,490
12/05/11	0.25		0.20		1.15		3.74		0.46			26.8	227.00	9.33	69,000
03/12/12	0.20		0.19		0.75		2.01		0.28			6.98	29.60	84.30	73,280
06/19/12	0.01		0.16		0.18		5.98		0.28			37.9	68.20	27.50	27,970
09/17/12	0.04		0.11	<.01	0.09	<.01	6.78	34.30	0.36	87.40		Dry	Dry	17.60	3,370
12/17/12	0.18		0.18		0.11		3.11		0.26			26.0	Dry	8.23	32,050
03/26/13	0.24		0.15		0.23		1.50		0.18			13.0	13.00	6.00	64,060
06/18/13	0.18		0.15		0.30		2.32		0.21			13.6	9.35	5.62	40,830
09/17/13	dry		0.14	<.01	0.02	<.01	6.50	12.20	0.17	24.50		21.1	dry	10.10	11,940
12/16/13	0.09		0.13		0.03		2.07		0.19			10.2	10.2	4.81	30,420
03/27/14	0.23		0.08		0.05		1.22		0.08			9.47	7.68	3.77	55,710
06/13/14	0.10		0.18		0.01		4.65		0.14			14.1	dry	4.06	59,330
09/15/14	0.01		0.21	0.013	0.02	<.01	7.40	5.49	0.12	15.9		dry	dry	9.32	29,901
12/15/14	0.05		0.07		0.01		1.47		0.10			5.20		2.66	11,159
03/17/15	0.02		0.17		0.03		1.87		0.10			2.66	36.70	2.38	37,450
06/16/15	0.95		0.08		0.02		0.15		0.11			0.69	38.00	2.24	51,110
09/18/15	0.06		0.28	<.01	0.01	<.01	1.89	7.79	0.13	19.1		11.4	Dry	3.77	20,750
12/14/15	0.05		0.19		0.02		1.16		0.09			12.9	7.32	3.62	35,480
03/15/16	0.06		0.12		0.01		0.60		0.07			7.71	16.50	2.23	71,710
05/18/16	0.03		0.11	<.01	0.01	<.01	0.90	4.84	0.09	17.7		16.4	5.18	3.03	24,780
09/19/16	0.02		0.04		0.04		3.31		0.06			Dry	Dry	2.55	130
12/14/16	0.07		0.18		0.01		0.68		0.06			10.9	4.28	1.03	35,850
03/27/17							0.32	6.58		14.3	A/P	0.06			61,750
05/26/17	0.10		0.10		0.07		0.02	0.05	0.05	<.01	0.03	0.04			48,140
08/30/17							0.69	6.39		46.6	8.08	1.03			n/a
12/20/17							2.08	6.17		23.5	3.95	73.6			n/a
03/26/18							2.01	10.4		26.1	3.24	1.51			n/a
05/29/18	0.71		0.28		0.09		0.80	6.20	0.13	16.3	14.2	3.13			n/a
08/22/18							0.58	8.44		11.7	2.53	0.24			
02/20/19							0.77	3.78		8.4	1.79	1.03			
05/24/19	0.03		0.26		0.02		0.17	2.04	0.03	4.8	1.67	0.14			

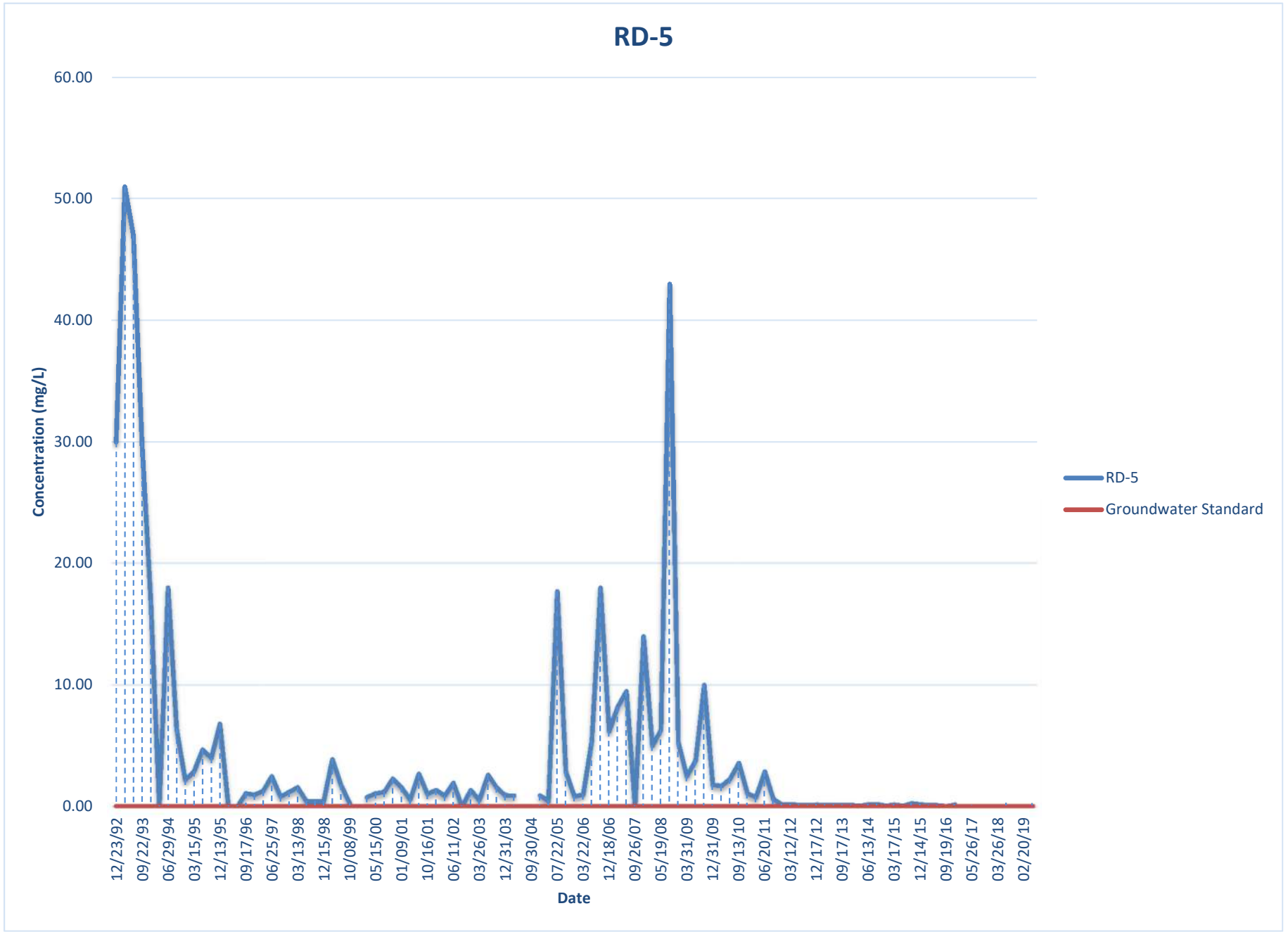
Notes:

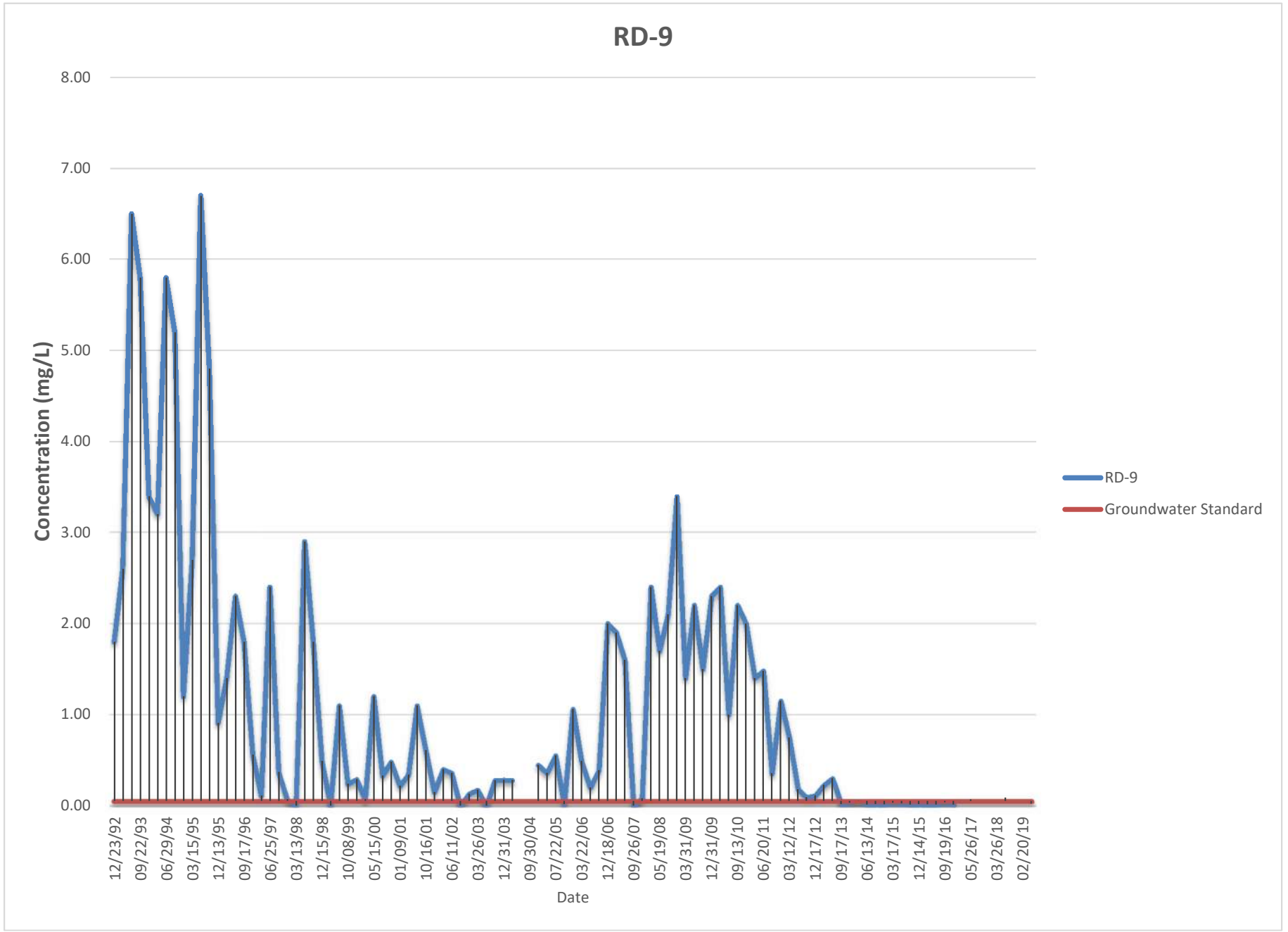
1. Samples collected via bailer
2. USEPA Method 6010C utilized for the laboratory method.
3. Blank cells indicate a sample was not collected.

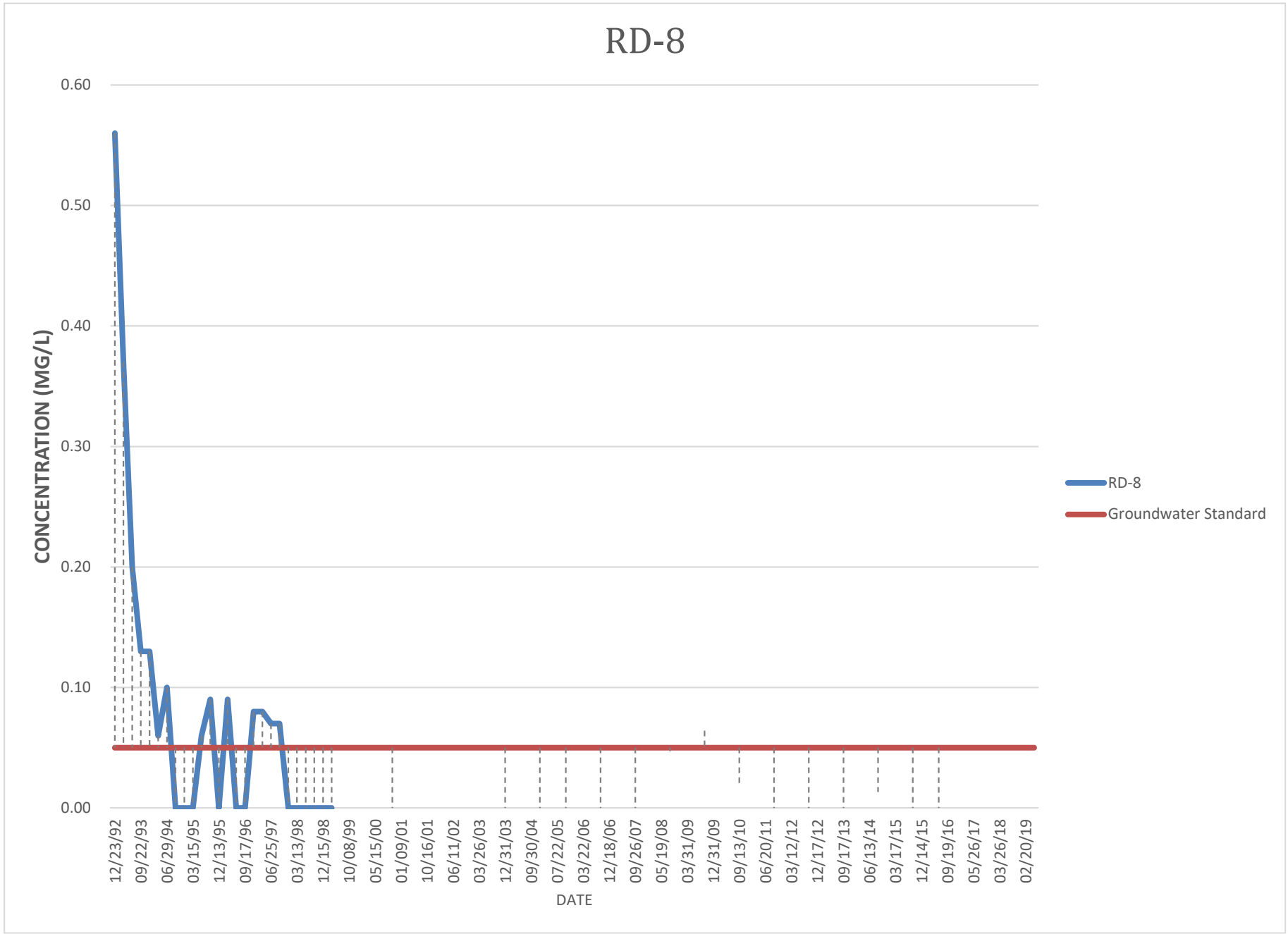
APPENDIX 2

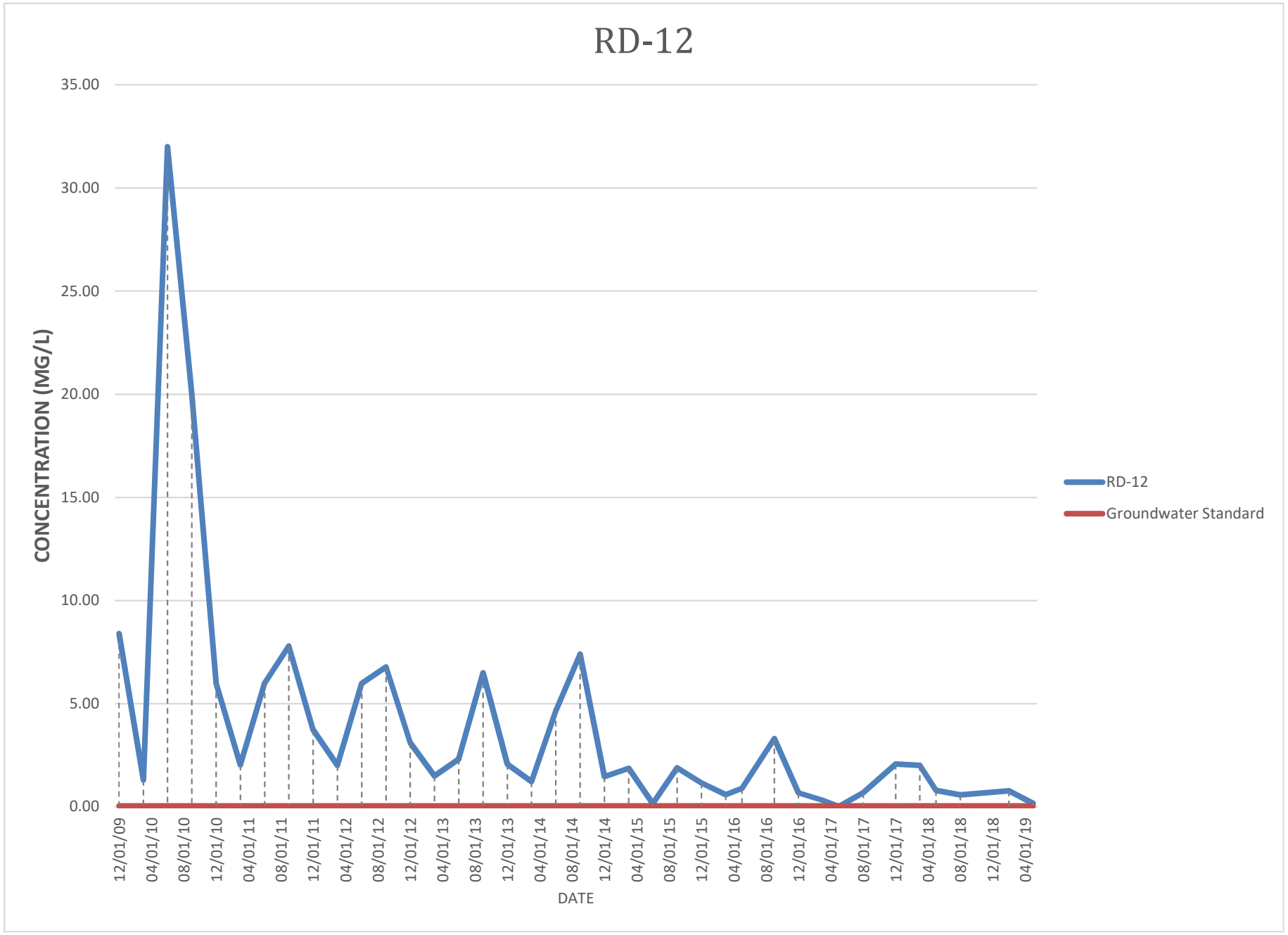
Graphs of Chromium Concentrations in Monitoring Wells

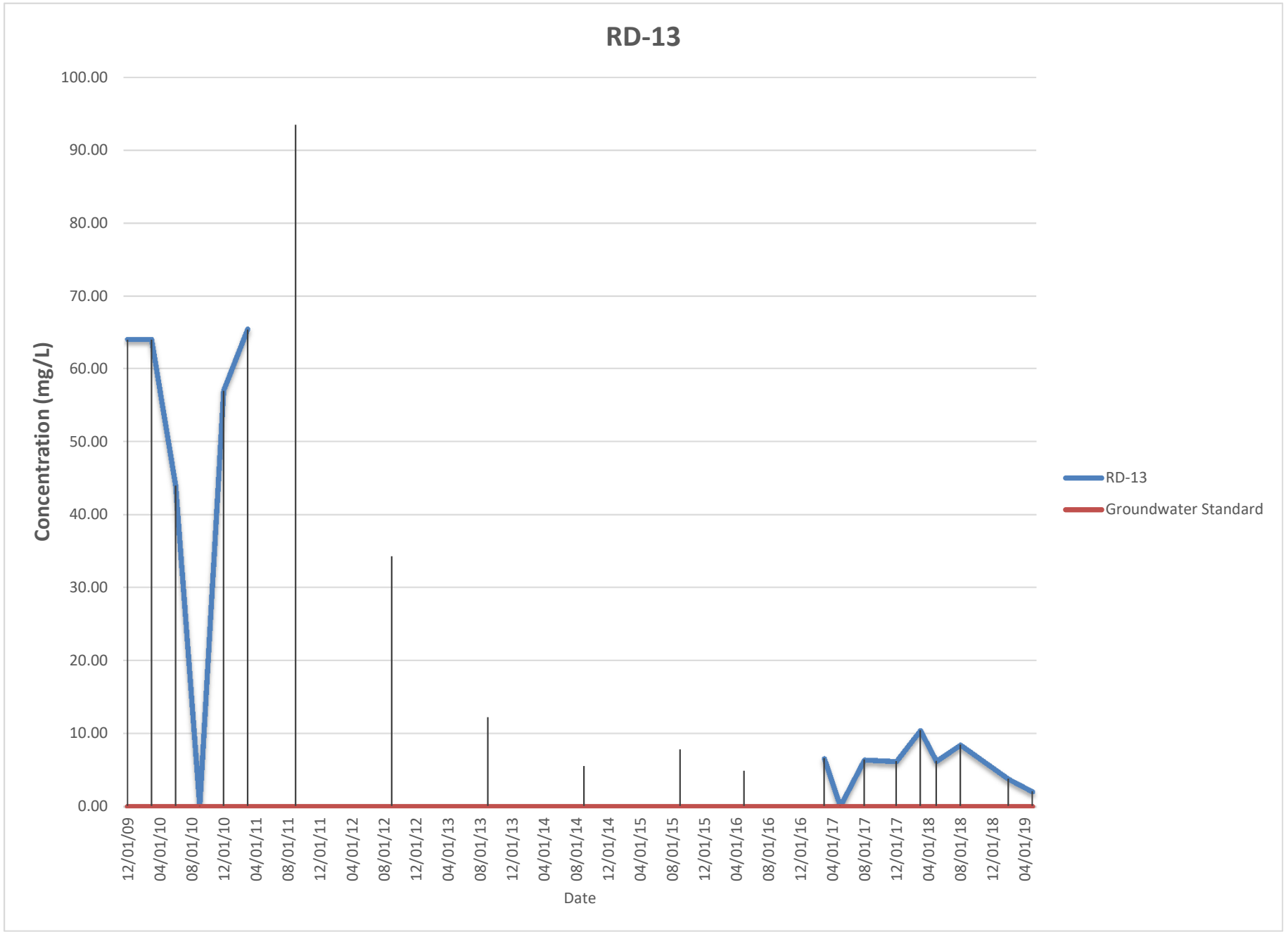

RD-2
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Concentration (mg/L)
12/23/92
09/22/93
06/29/94
03/15/95
12/13/95
09/17/96
06/25/97
03/13/98
12/15/98
10/08/99
05/15/00
01/09/01
10/16/01
06/11/02
03/26/03
12/31/03
09/30/04
07/22/05
03/22/06
12/18/06
09/26/07
05/19/08
03/31/09
12/31/09
09/13/10
06/20/11
03/12/12
12/17/12
09/17/13
06/13/14
03/17/15
12/14/15
09/19/16
05/26/17
03/26/18
02/20/19
Date
RD-2
Groundwater Standard

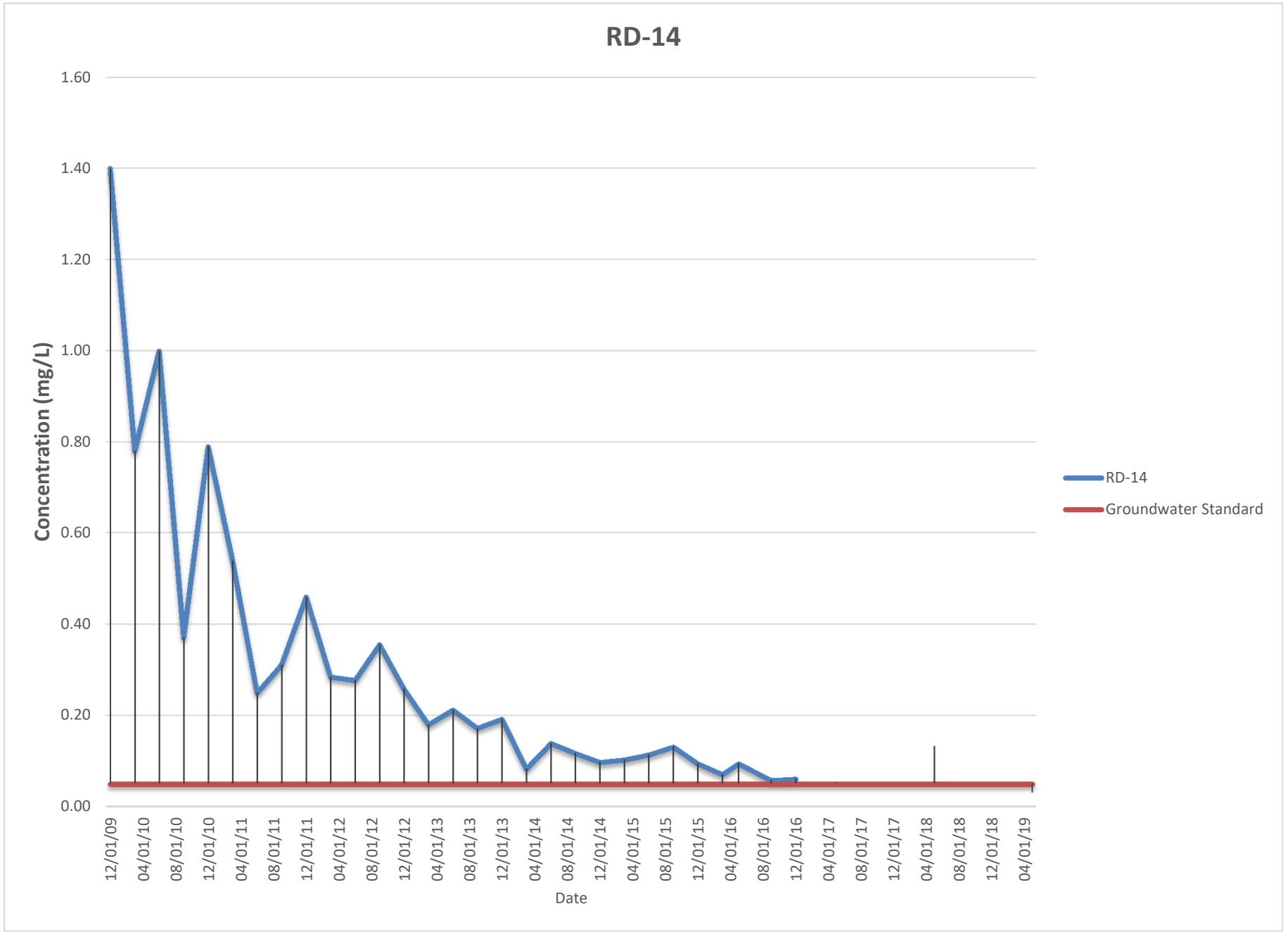

RD-5
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Concentration (mg/L)
12/23/92
09/22/93
06/29/94
03/15/95
12/13/95
09/17/96
06/25/97
03/13/98
12/15/98
10/08/99
05/15/00
01/09/01
10/16/01
06/11/02
03/26/03
12/31/03
09/30/04
07/22/05
03/22/06
12/18/06
09/26/07
05/19/08
03/31/09
12/31/09
09/13/10
06/20/11
03/12/12
12/17/12
09/17/13
06/13/14
03/17/15
12/14/15
09/19/16
05/26/17
03/26/18
02/20/19
Date
RD-5
Groundwater Standard

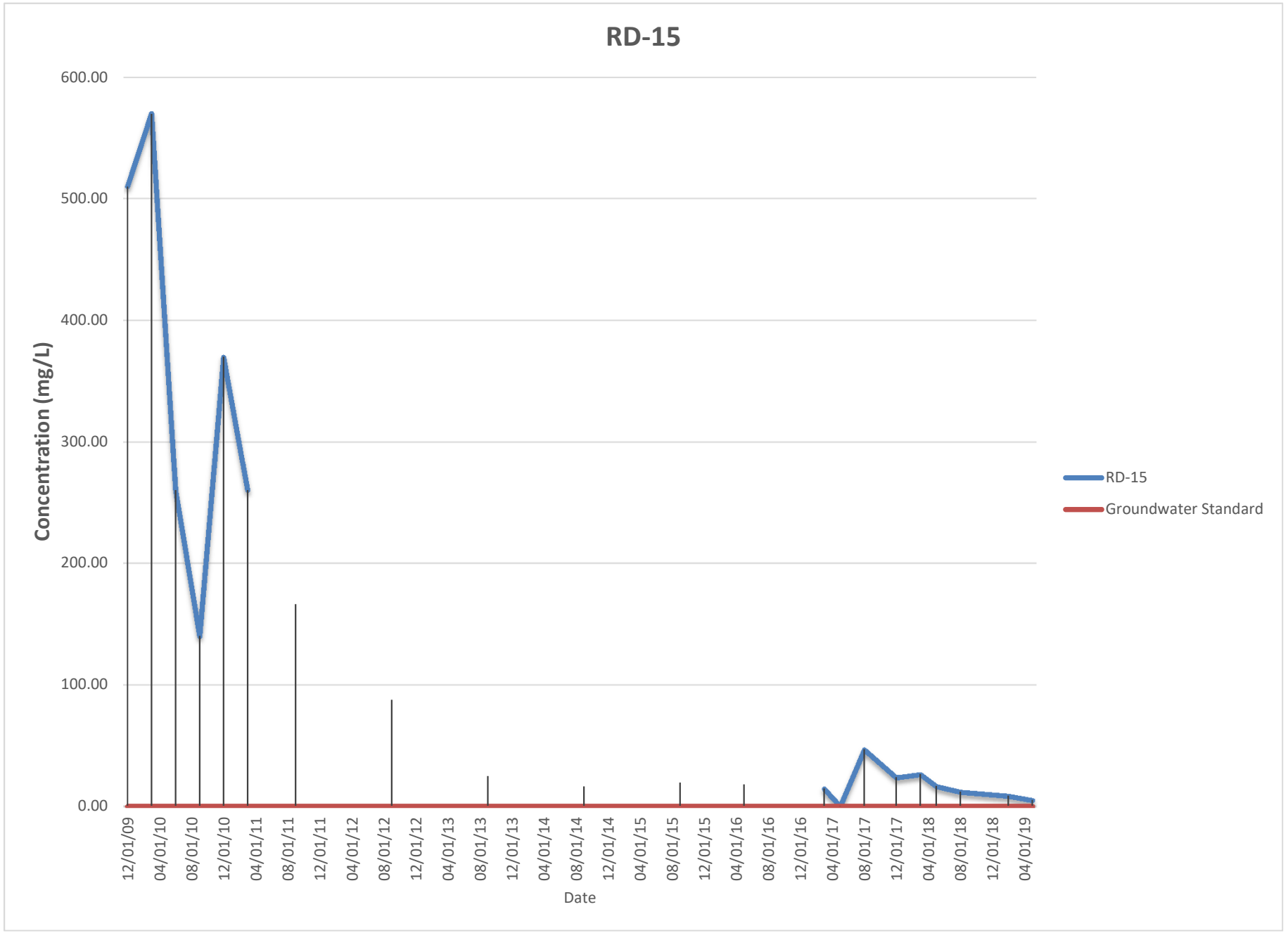

RD-9
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Concentration (mg/L)
12/23/92
09/22/93
06/29/94
03/15/95
12/13/95
09/17/96
06/25/97
03/13/98
12/15/98
10/08/99
05/15/00
01/09/01
10/16/01
06/11/02
03/26/03
12/31/03
09/30/04
07/22/05
03/22/06
12/18/06
09/26/07
05/19/08
03/31/09
12/31/09
09/13/10
06/20/11
03/12/12
12/17/12
09/17/13
06/13/14
03/17/15
12/14/15
09/19/16
05/26/17
03/26/18
02/20/19
Date
RD-9
Groundwater Standard

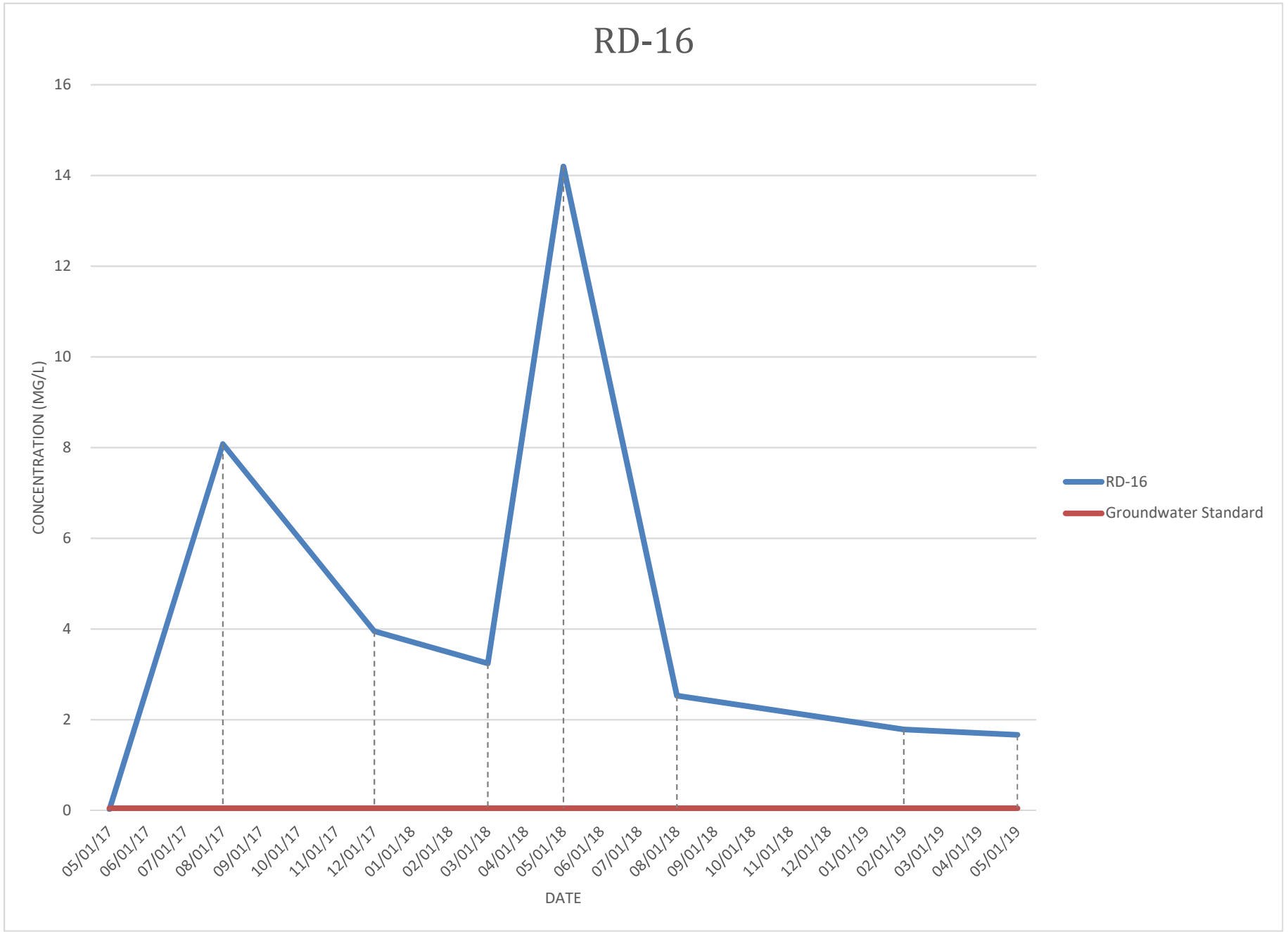

RD-8
0.60
0.50
0.40
0.30
0.20
0.10
0.00
CONCENTRATION (MG/L)
12/23/92
09/22/93
06/29/94
03/15/95
12/13/95
09/17/96
06/25/97
03/13/98
12/15/98
10/08/99
05/15/00
01/09/01
10/16/01
06/11/02
03/26/03
12/31/03
09/30/04
07/22/05
03/22/06
12/18/06
09/26/07
05/19/08
03/31/09
12/31/09
09/13/10
06/20/11
03/12/12
12/17/12
09/17/13
06/13/14
03/17/15
12/14/15
09/19/16
05/26/17
03/26/18
02/20/19
DATE
RD-8
Groundwater Standard

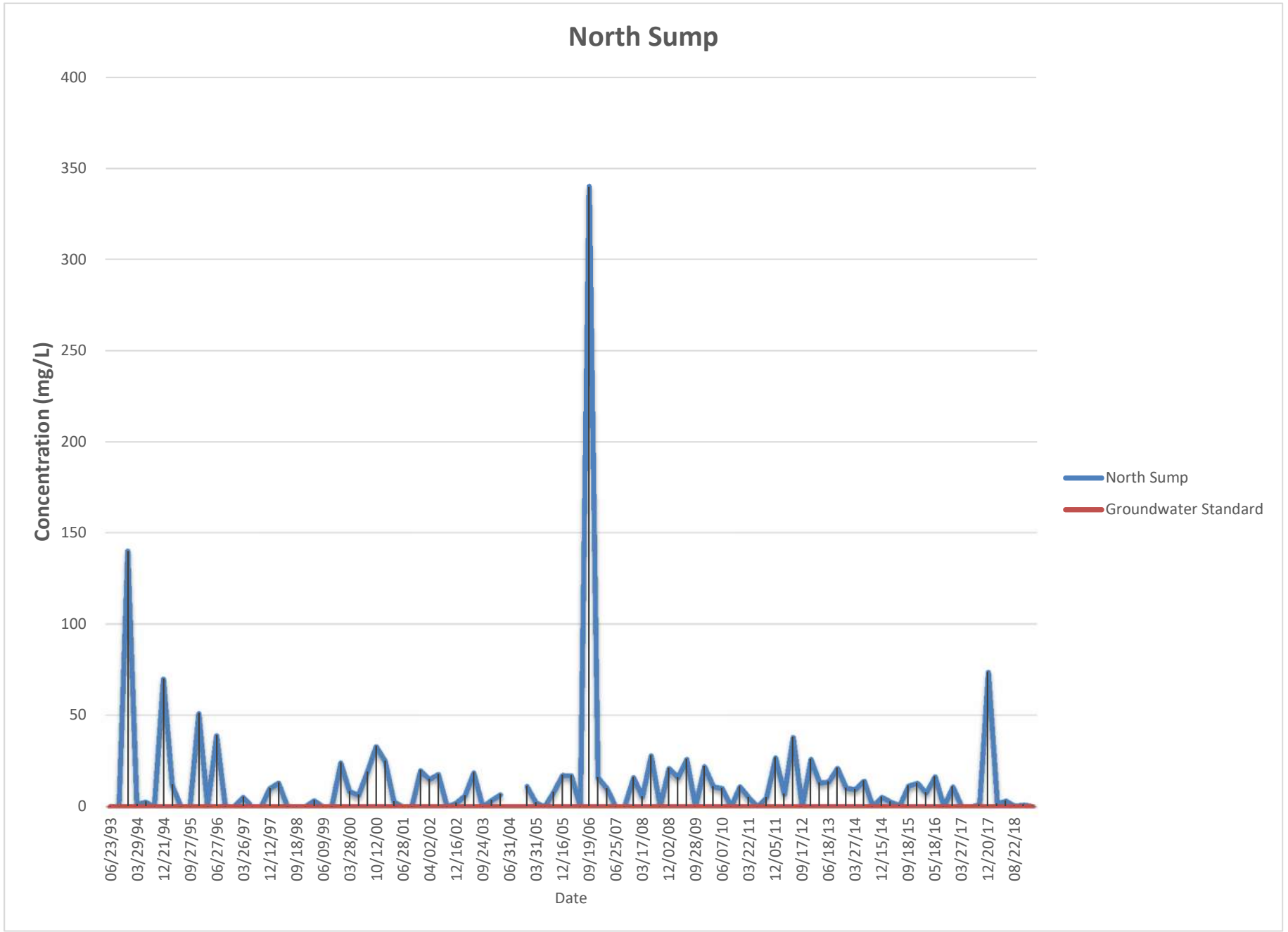

RD-12
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
CONCENTRATION (MG/L)
12/01/09
04/01/10
08/01/10
12/01/10
04/01/11
08/01/11
12/01/11
04/01/12
08/01/12
12/01/12
04/01/13
08/01/13
12/01/13
04/01/14
08/01/14
12/01/14
04/01/15
08/01/15
12/01/15
04/01/16
08/01/16
12/01/16
04/01/17
08/01/17
12/01/17
04/01/18
08/01/18
12/01/18
04/01/19
DATE
RD-12
Groundwater Standard

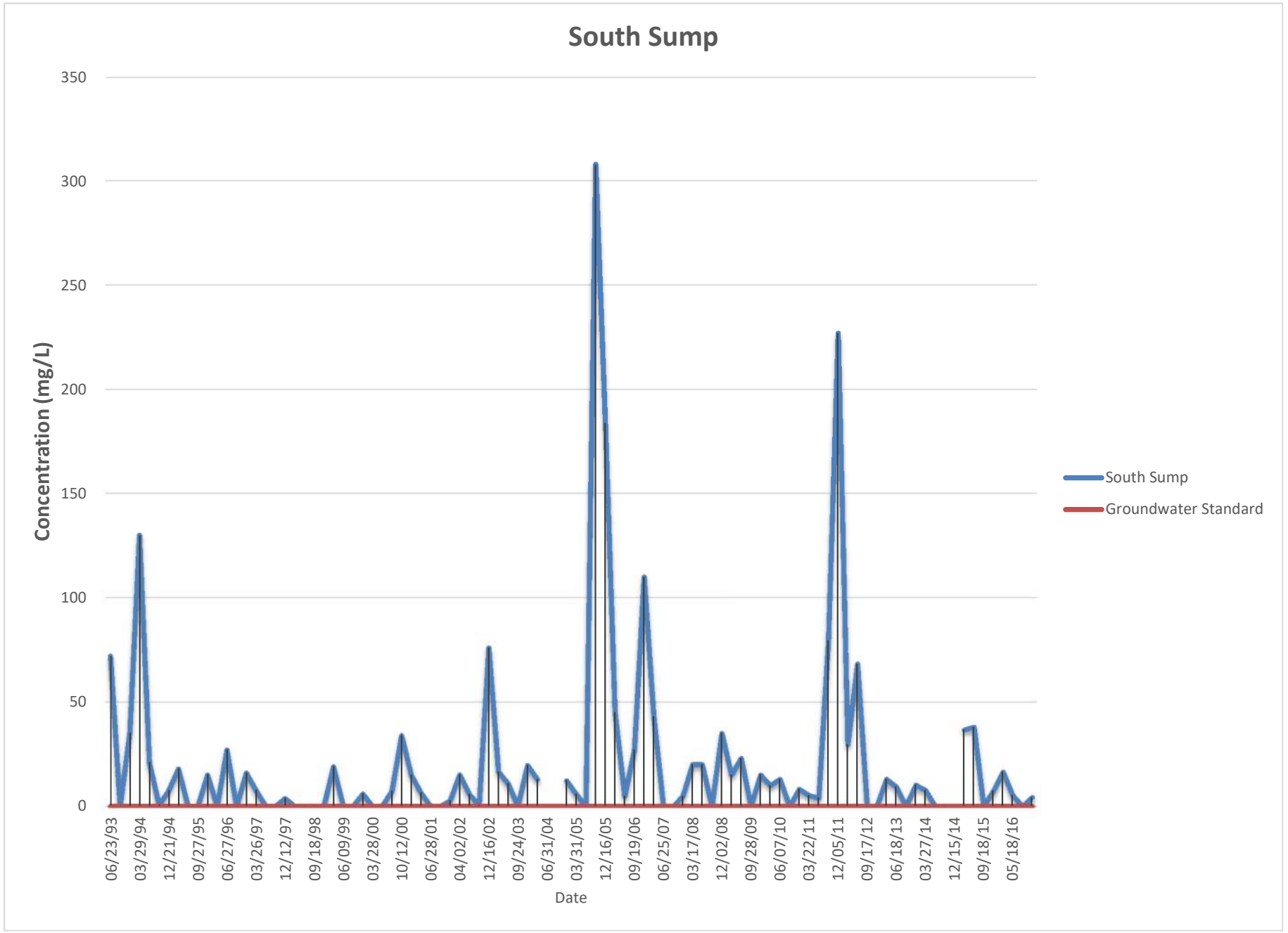

RD-13
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Concentration (mg/L)
12/01/09
04/01/10
08/01/10
12/01/10
04/01/11
08/01/11
12/01/11
04/01/12
08/01/12
12/01/12
04/01/13
08/01/13
12/01/13
04/01/14
08/01/14
12/01/14
04/01/15
08/01/15
12/01/15
04/01/16
08/01/16
12/01/16
04/01/17
08/01/17
12/01/17
04/01/18
08/01/18
12/01/18
04/01/19
Date
RD-13
Groundwater Standard

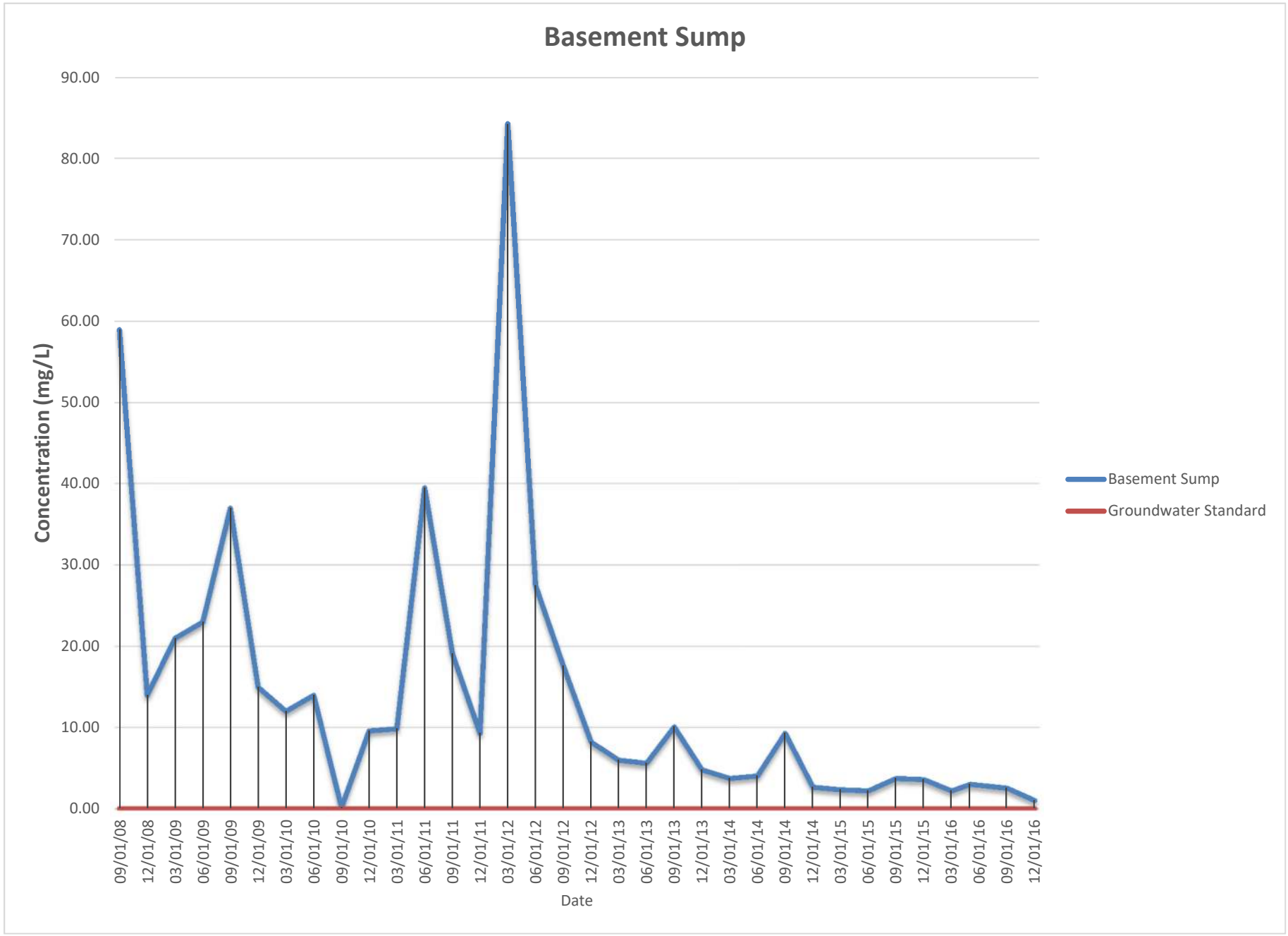

RD-14
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Concentration (mg/L)
12/01/09
04/01/10
08/01/10
12/01/10
04/01/11
08/01/11
12/01/11
04/01/12
08/01/12
12/01/12
04/01/13
08/01/13
12/01/13
04/01/14
08/01/14
12/01/14
04/01/15
08/01/15
12/01/15
04/01/16
08/01/16
12/01/16
04/01/17
08/01/17
12/01/17
04/01/18
08/01/18
12/01/18
04/01/19
Date
RD-14
Groundwater Standard


RD-15
600.00
500.00
400.00
300.00
200.00
100.00
0.00
Concentration (mg/L)
12/01/09
04/01/10
08/01/10
12/01/10
04/01/11
08/01/11
12/01/11
04/01/12
08/01/12
12/01/12
04/01/13
08/01/13
12/01/13
04/01/14
08/01/14
12/01/14
04/01/15
08/01/15
12/01/15
04/01/16
08/01/16
12/01/16
04/01/17
08/01/17
12/01/17
04/01/18
08/01/18
12/01/18
04/01/19
Date
RD-15
Groundwater Standard


RD-16
16
14
12
10
8
6
4
2
0
CONCENTRATION (MG/L)
05/01/17
06/01/17
07/01/17
08/01/17
09/01/17
10/01/17
11/01/17
12/01/17
01/01/18
02/01/18
03/01/18
04/01/18
05/01/18
06/01/18
07/01/18
08/01/18
09/01/18
10/01/18
11/01/18
12/01/18
01/01/19
02/01/19
03/01/19
04/01/19
05/01/19
DATE
RD-16
Groundwater Standard

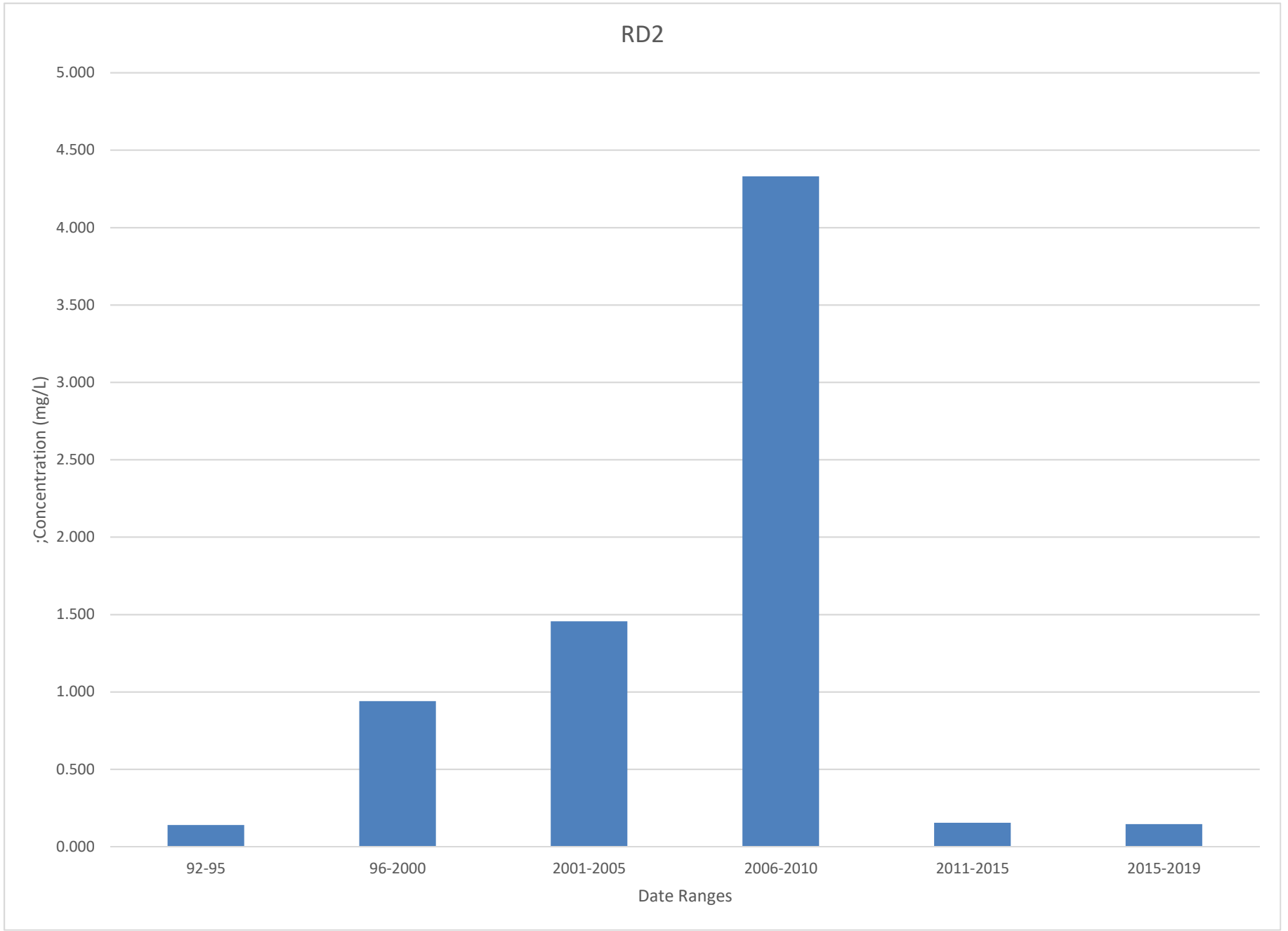

North Sump
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
06/23/93
03/29/94
12/21/94
09/27/95
06/27/96
03/26/97
12/12/97
09/18/98
06/09/99
03/28/00
10/12/00
06/28/01
04/02/02
12/16/02
09/24/03
06/31/04
03/31/05
12/16/05
09/19/06
06/25/07
03/17/08
12/02/08
09/28/09
06/07/10
03/22/11
12/05/11
09/17/12
06/18/13
03/27/14
12/15/14
09/18/15
05/18/16
03/27/17
12/20/17
08/22/18
Date
North Sump
Groundwater Standard

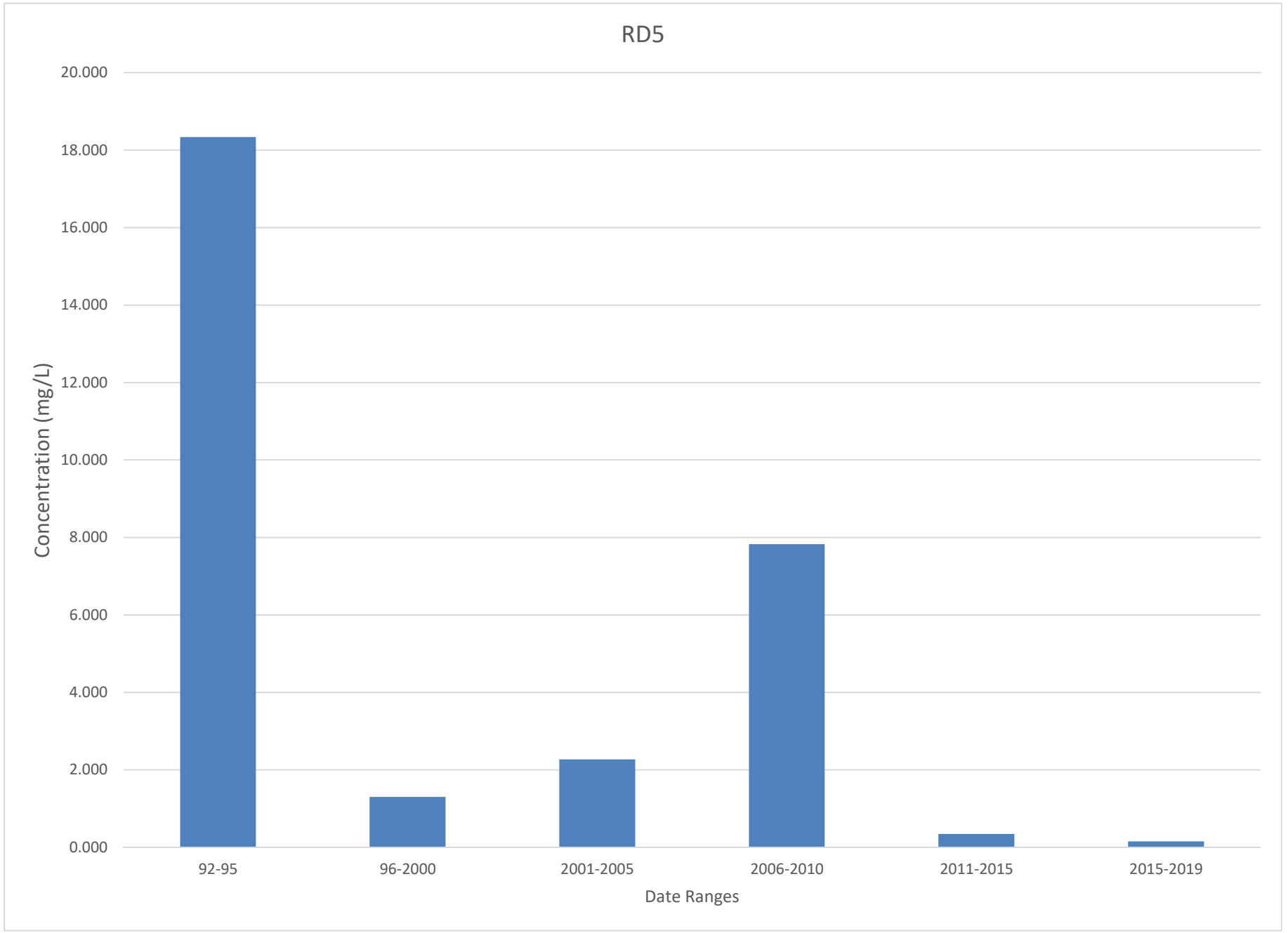

South Sump
350
300
250
200
150
100
50
0
Concentration (mg/L)
06/23/93
03/29/94
12/21/94
09/27/95
06/27/96
03/26/97
12/12/97
09/18/98
06/09/99
03/28/00
10/12/00
06/28/01
04/02/02
12/16/02
09/24/03
06/31/04
03/31/05
12/16/05
09/19/06
06/25/07
03/17/08
12/02/08
09/28/09
06/07/10
03/22/11
12/05/11
09/17/12
06/18/13
03/27/14
12/15/14
09/18/15
05/18/16
Date
South Sump
Groundwater Standard

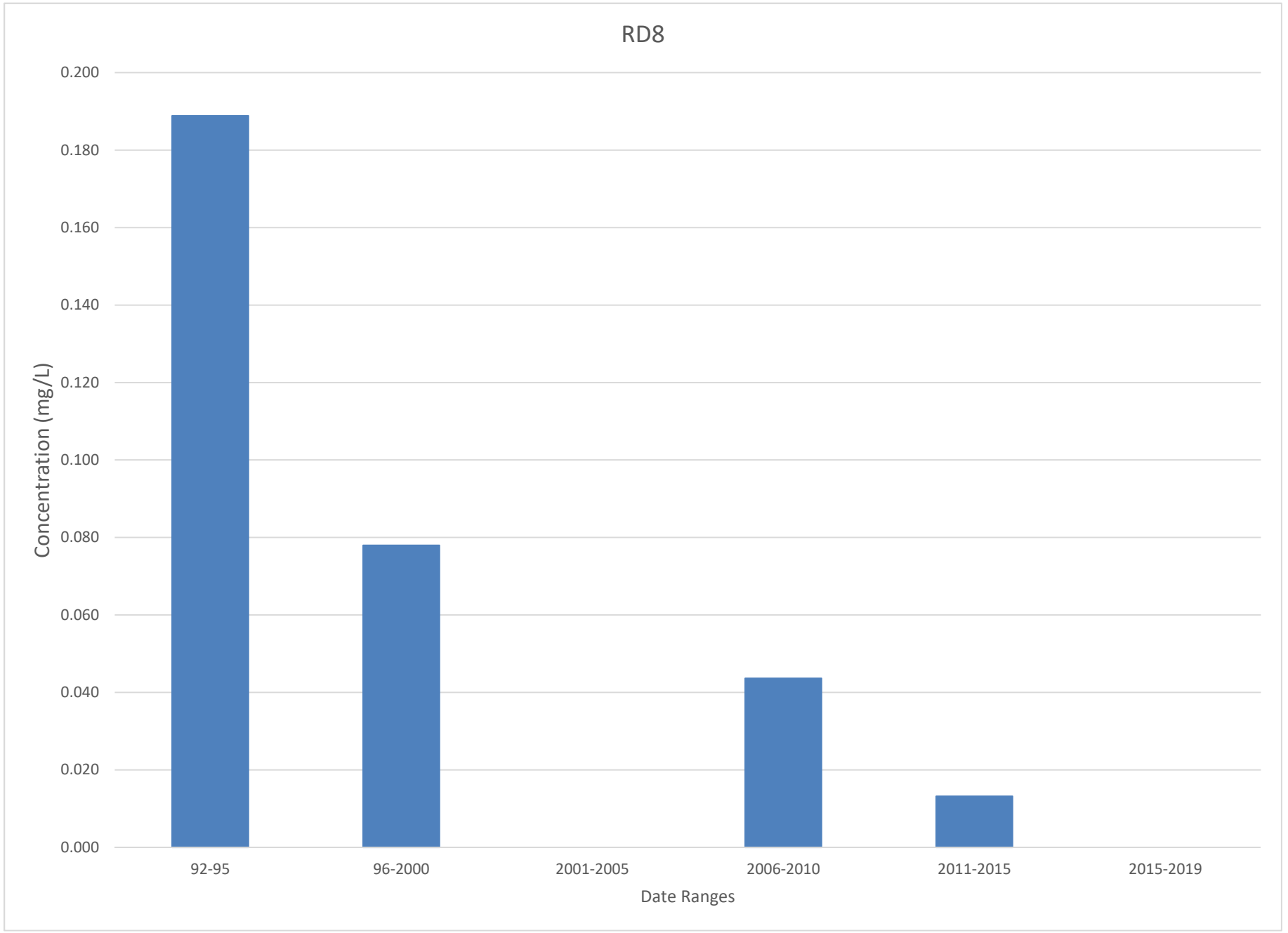

Basement Sump
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Concentration (mg/L)
09/01/08
12/01/08
03/01/09
06/01/09
09/01/09
12/01/09
03/01/10
06/01/10
09/01/10
12/01/10
03/01/11
06/01/11
09/01/11
12/01/11
03/01/12
06/01/12
09/01/12
12/01/12
03/01/13
06/01/13
09/01/13
12/01/13
03/01/14
06/01/14
09/01/14
12/01/14
03/01/15
06/01/15
09/01/15
12/01/15
03/01/16
06/01/16
09/01/16
12/01/16
Date
Basement Sump
Groundwater Standard

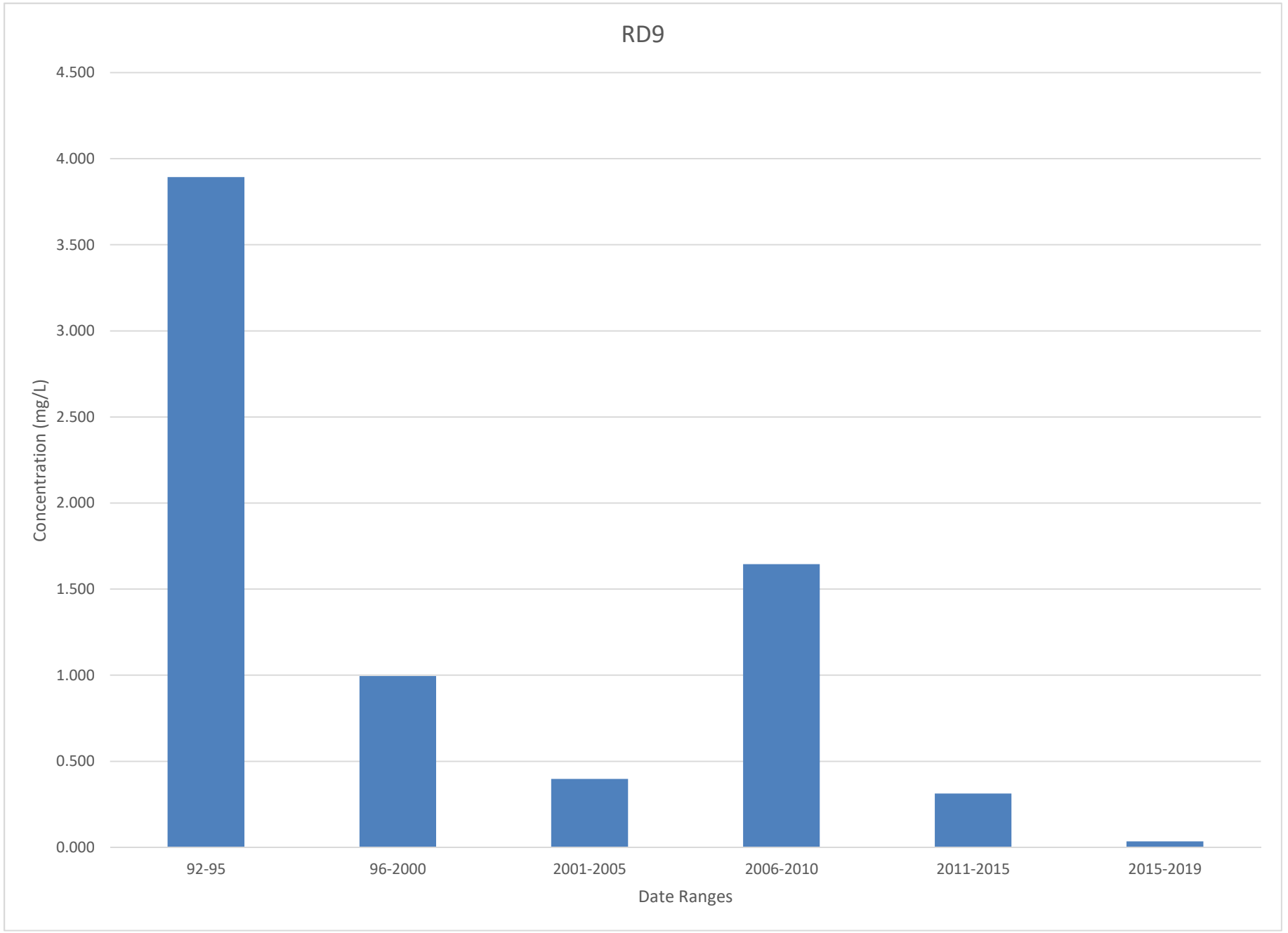
APPENDIX 3

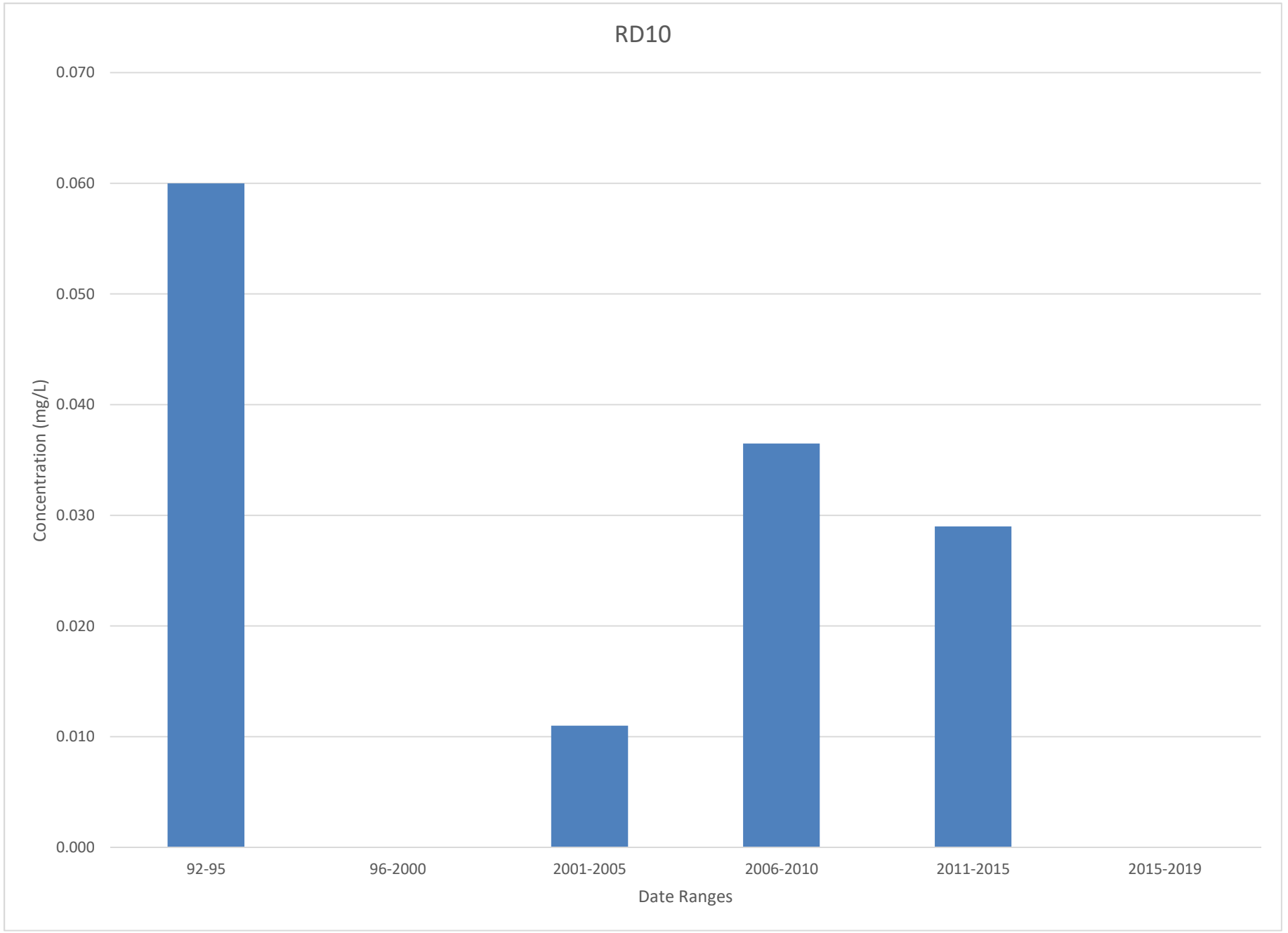
Graphs of 5-Yr Average Concentrations of Chromium

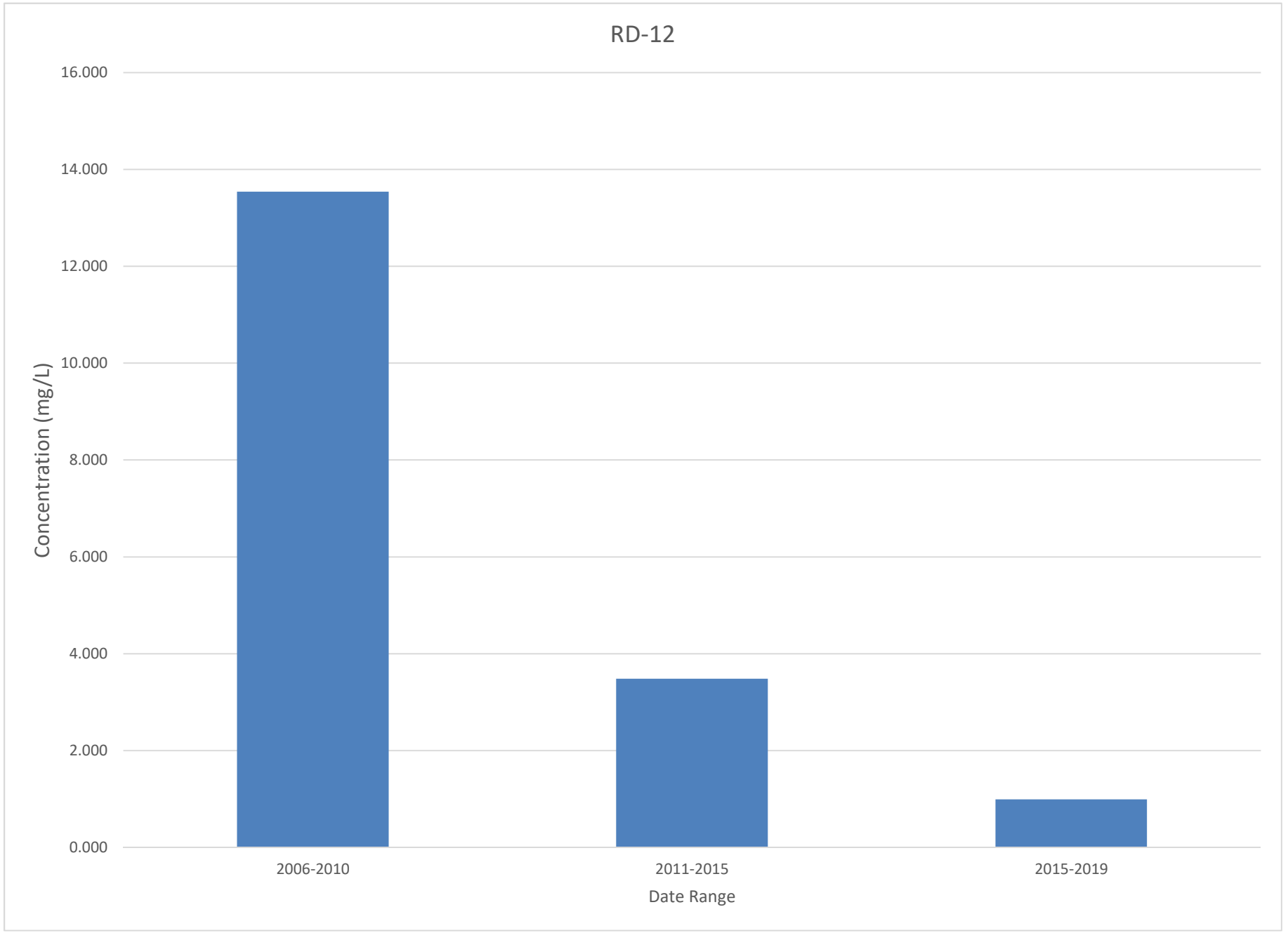

RD2
5.000
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
;Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges

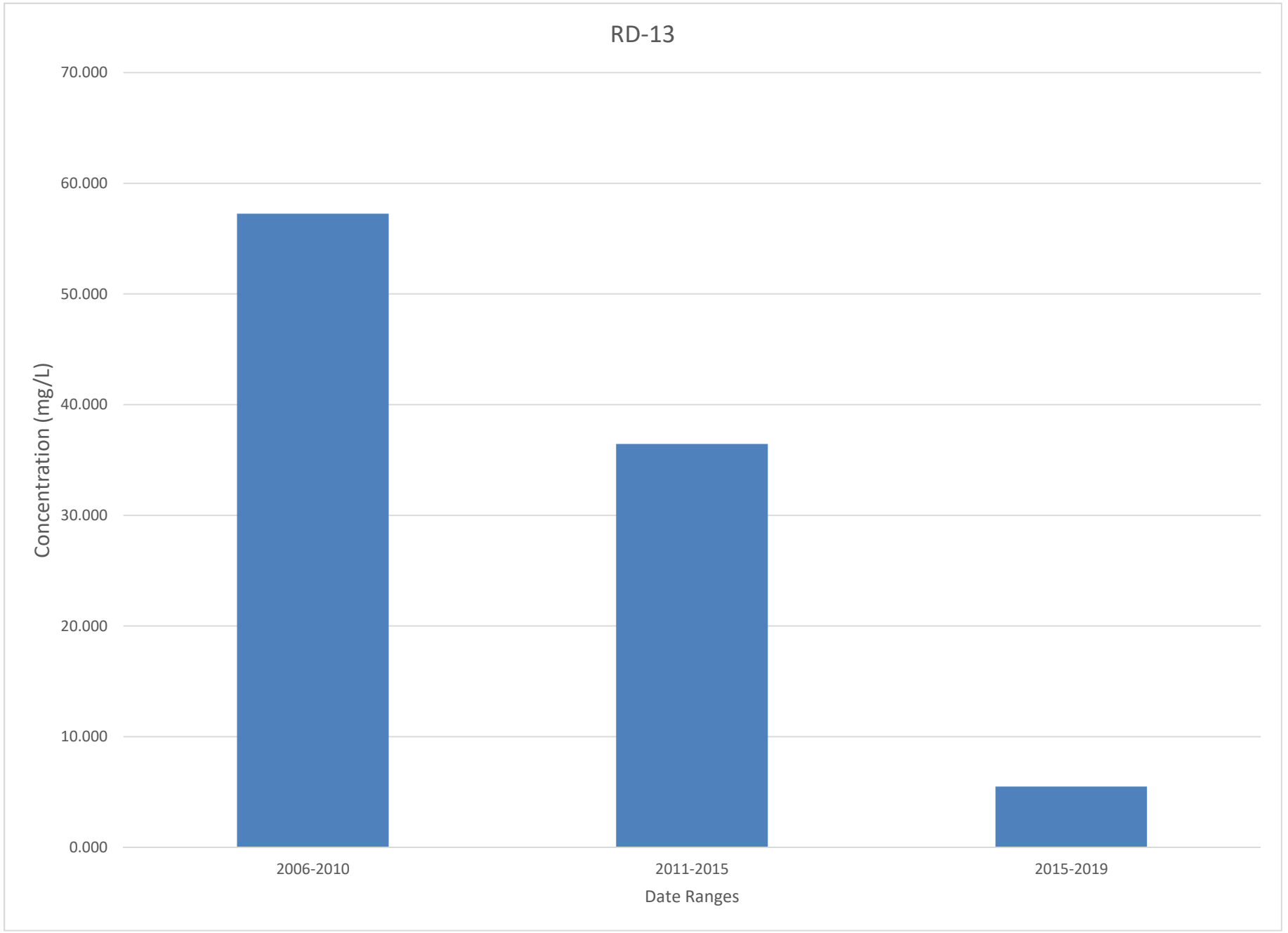

RD5
20.000
18.000
16.000
14.000
12.000
10.000
8.000
6.000
4.000
2.000
0.000
Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges

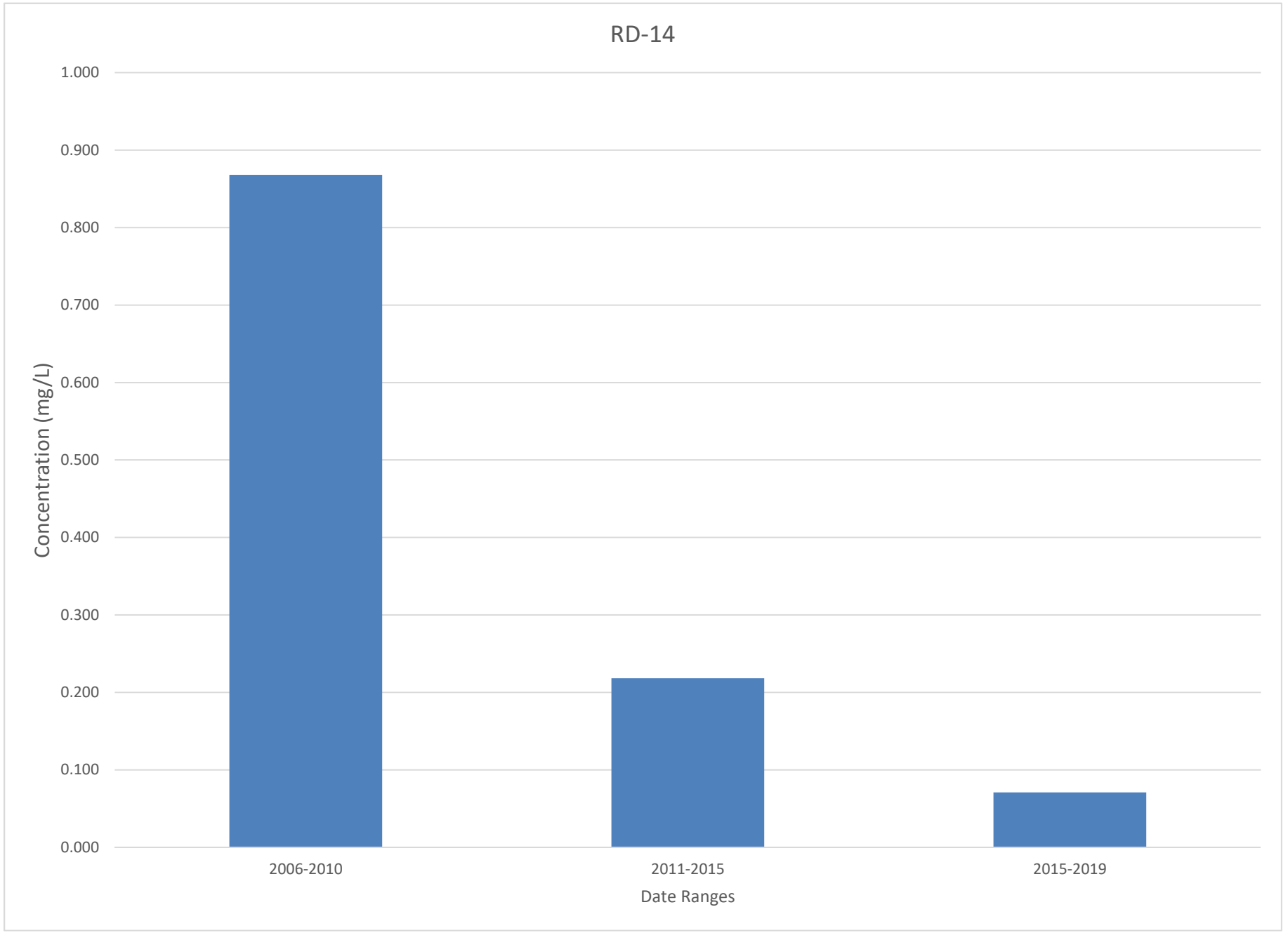

RD8
0.200
0.180
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges

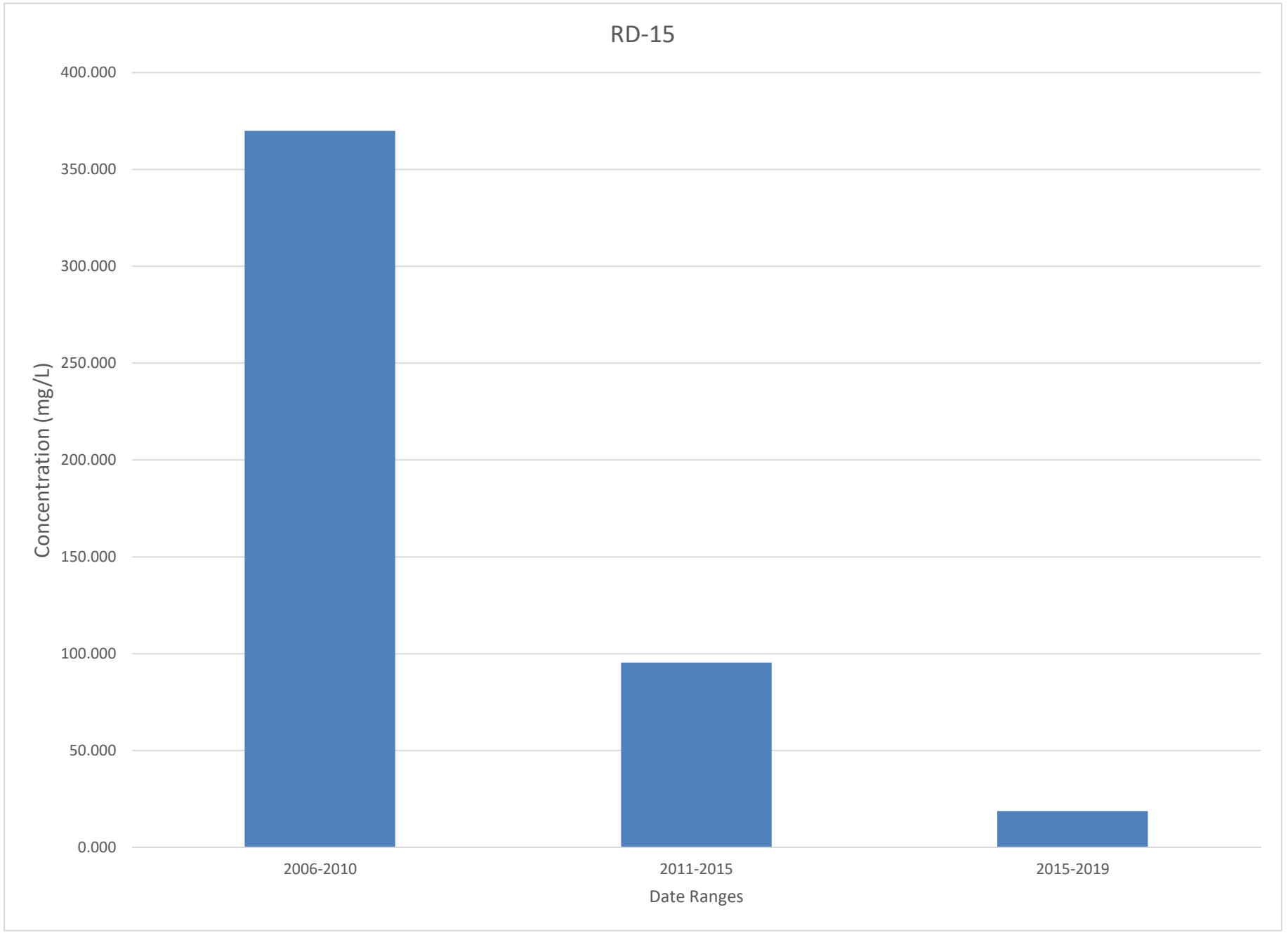

RD9
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges

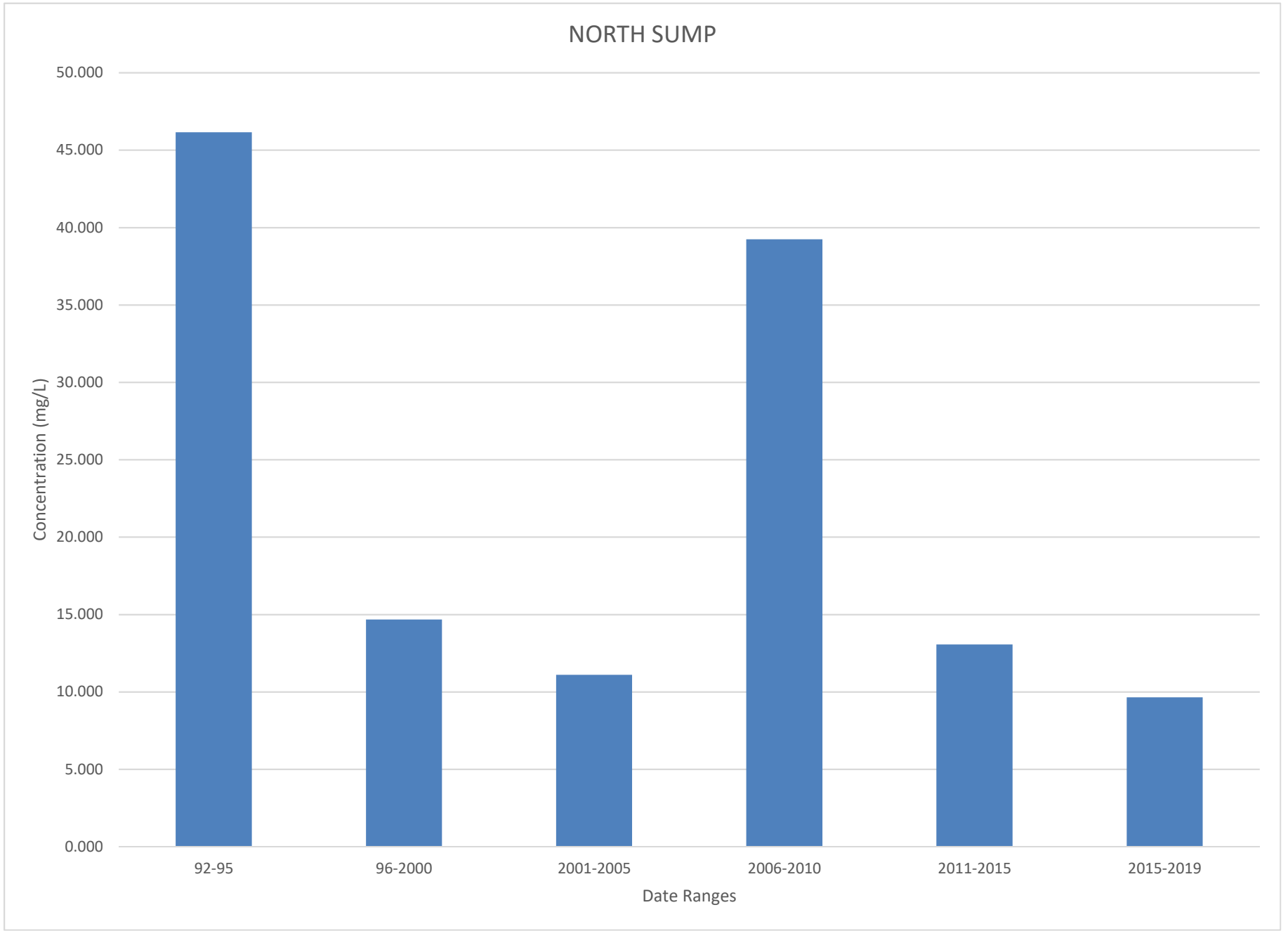

RD10
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges

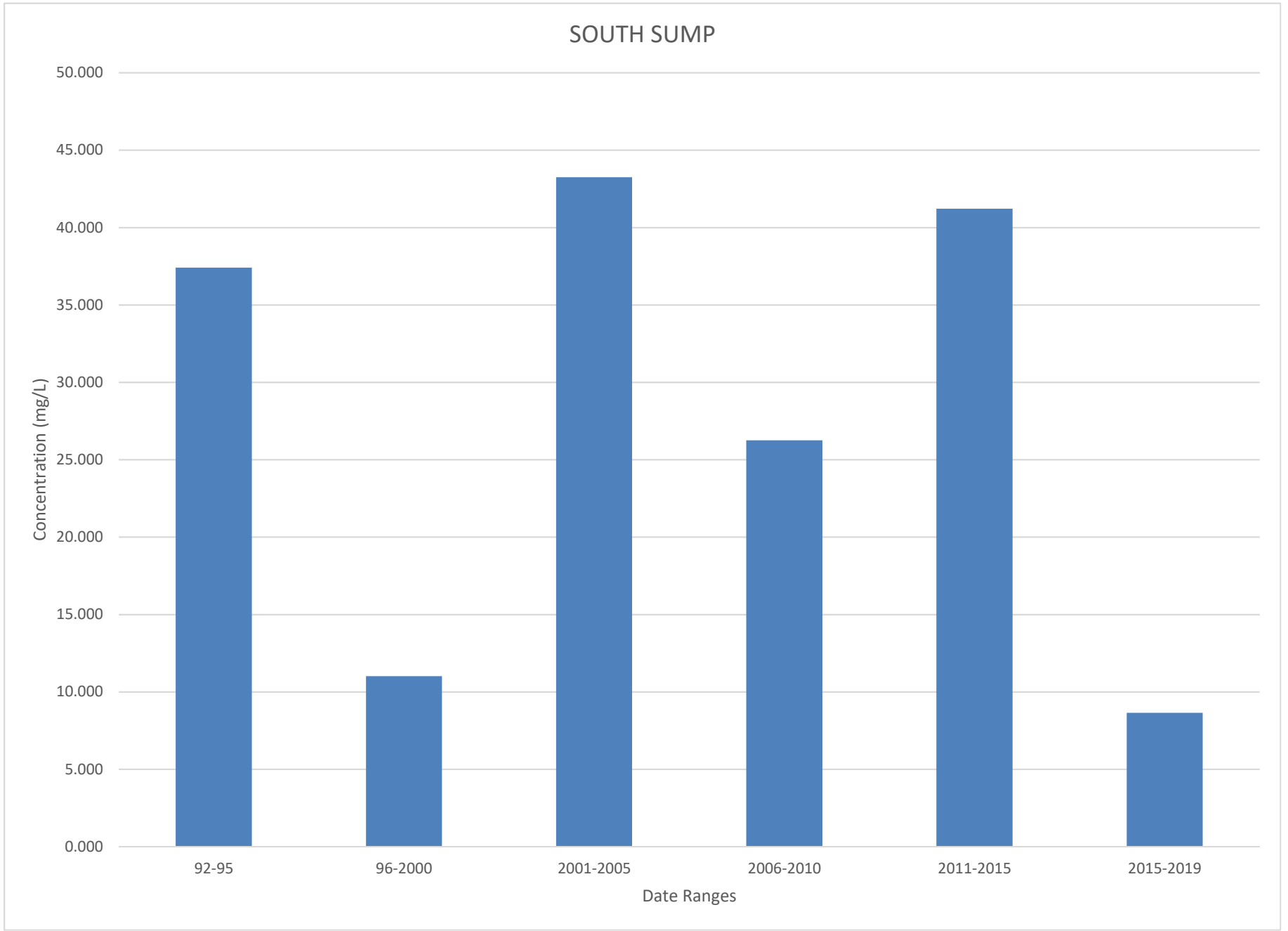

RD-12
16.000
14.000
12.000
10.000
8.000
6.000
4.000
2.000
0.000
Concentration (mg/L)
2006-2010
2011-2015
2015-2019
Date Range

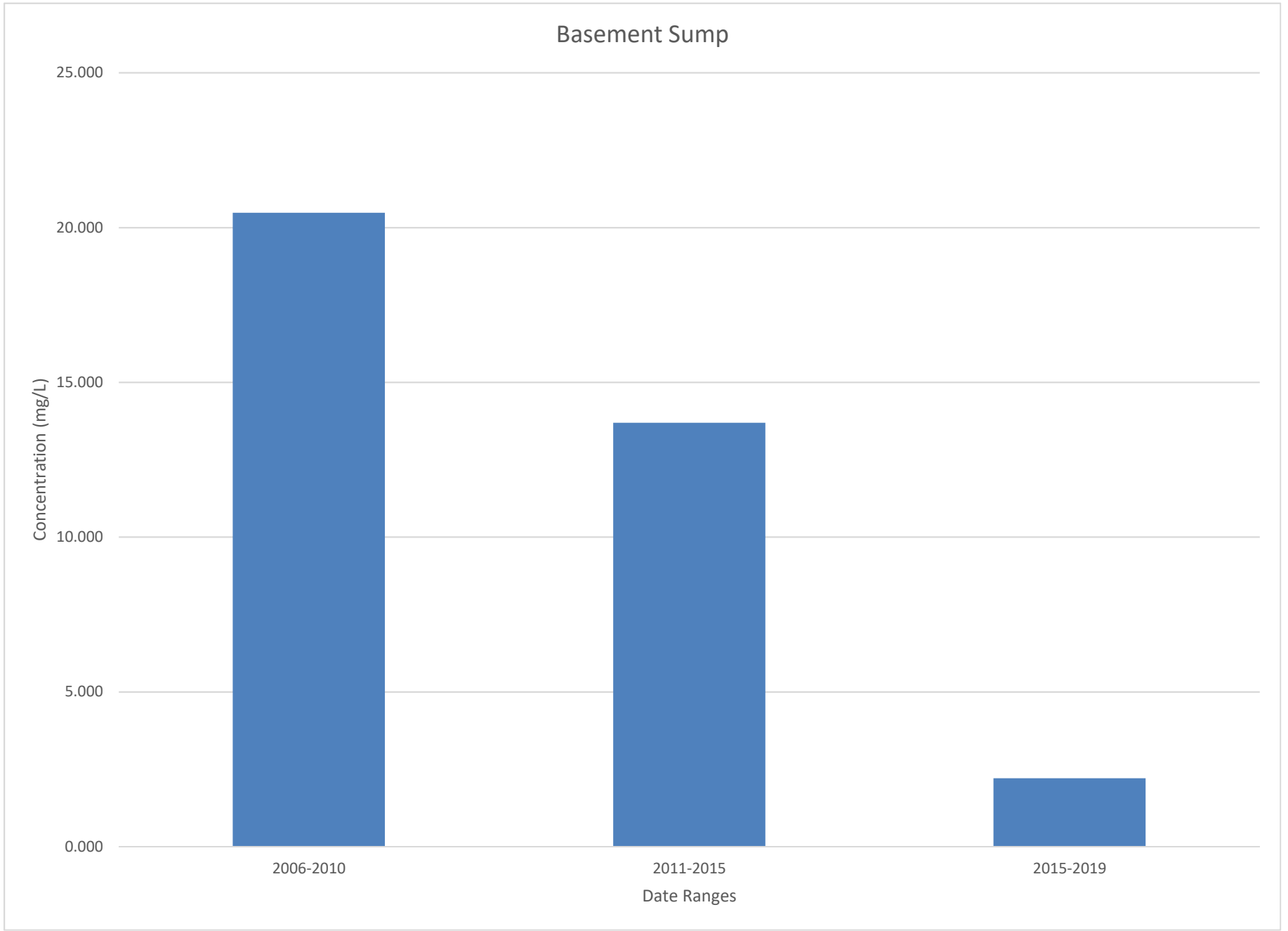

RD-13
70.000
60.000
50.000
40.000
30.000
20.000
10.000
0.000
Concentration (mg/L)
2006-2010
2011-2015
2015-2019
Date Ranges


RD-14
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
Concentration (mg/L)
2006-2010
2011-2015
2015-2019
Date Ranges


RD-15
400.000
350.000
300.000
250.000
200.000
150.000
100.000
50.000
0.000
Concentration (mg/L)
2006-2010
2011-2015
2015-2019
Date Ranges


NORTH SUMP
50.000
45.000
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges


SOUTH SUMP
50.000
45.000
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
Concentration (mg/L)
92-95
96-2000
2001-2005
2006-2010
2011-2015
2015-2019
Date Ranges


Basement Sump
25.000
20.000
15.000
10.000
5.000
0.000
Concentration (mg/L)
2006-2010
2011-2015
2015-2019
Date Ranges

APPENDIX 4

IC/EC Certification

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **828062**

Site Name R.D. Specialties

Site Address: 560 Salt Road Zip Code: 14580
City/Town: Webster
County: Monroe
Site Acreage: 24.900

Reporting Period: ~~April 01, 1994 to April 11, 2019~~
January 01, 2018 to May 25, 2019

	YES	NO
1. Is the information above correct? Note modification to reporting period. If NO, include handwritten above or on a separate sheet.	X	☐
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below?	X	☐
7. Are all ICs/ECs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 828062 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
066.01-2-12.11	~~Doug Krasucki~~ Krasucki Properties and 550 Salt Road LLC*	Ground Water Use Restriction

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

* Krasucki Properties owns 2 of the 3 Site Parcels and 550 Salt Road LLC owns the 3rd parcel

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and There is no SMP for this Site currently.

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 828062

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Peter Krasucki (print name) at 560 Salt Road, Webster NY (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Peter Krasucki
Signature of Owner, Remedial Party, or Designated Representative

6/18/2019
Date

Rendering Certification

APPENDIX 5

Laboratory Reports

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

R.D. Specialties, Inc.

For Lab Project ID

181107

Referencing

1st Quarter 2018 Groundwater Monitoring

Prepared

Friday, March 30, 2018

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 181107

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-12		
Lab Sample ID:	181107-01	**Date Sampled:**	3/26/2018
Matrix:	Groundwater	**Date Received:**	3/27/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**2.01**	mg/L		3/28/2018 17:40

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 3/27/2018
Data File: 180328B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 181107

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-13		
Lab Sample ID:	181107-02	**Date Sampled:**	3/26/2018
Matrix:	Groundwater	**Date Received:**	3/27/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**10.4**	mg/L		3/28/2018 17:44

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 3/27/2018
Data File: 180328B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 181107

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-15		
Lab Sample ID:	181107-03	**Date Sampled:**	3/26/2018
Matrix:	Groundwater	**Date Received:**	3/27/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**26.1**	mg/L		3/28/2018 17:48

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 3/27/2018
Data File: 180328B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 181107

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-16		
Lab Sample ID:	181107-04	**Date Sampled:**	3/27/2018
Matrix:	Groundwater	**Date Received:**	3/27/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**3.24**	mg/L		3/28/2018 17:53

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 3/27/2018
Data File: 180328B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 181107

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter 2018 Groundwater Monitoring

Sample Identifier:	North		
Lab Sample ID:	181107-05	**Date Sampled:**	3/26/2018
Matrix:	Groundwater	**Date Received:**	3/27/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**1.51**	mg/L		3/28/2018 18:06

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 3/27/2018
Data File: 180328B

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
COMPANY:	R.D. Specialties Inc	COMPANY:	SAME	LAB PROJECT ID: 181107
ADDRESS:	560 Salt Road, P.O. Box 206	ADDRESS:		
CITY:	Webster STATE: NY ZIP: 14580	CITY:	STATE: ZIP:	Quotation #: MS020917A
PHONE:	585-265-0220 FAX:	PHONE:	FAX:	Email: PKrasucki@rdspecialties.com
ATTN:	Peter Krasucki	ATTN:		

PROJECT REFERENCE

1st Quarter 2018 Groundwater Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Total Chromium	REMARKS	PARADIGM LAB SAMPLE NUMBER
3/26/18	1223		X	RD-12	GW	1	X		01
3/26	1125		X	RD-13	GW	1	X		02
3/26	1108		X	RD-15	GW	1	X		03
3/27/18	0917		X	RD-16	GW	1	X		04
3/26/18	1105		X	North	GW	1	X		05

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed:	☐

DV/SD — 3/26-27/18
Sampled By — Date/Time

Relinquished By — 3/27/18
Date/Time

Total Cost:

Received By — Date/Time

Received @ Lab By — 3/27/18 10:14
Date/Time

P.I.F. ☐

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

2°C cool 3/27/18 10:08

See additional page for sample conditions.

Chain of Custody Supplement

Client: RD Specialties **Completed by:** Glenn Perzulo

Lab Project ID: 181107 **Date:** 3/27/18

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments	2°C iced		
Sufficient Sample Quantity	X		
Comments			

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PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

R.D. Specialties, Inc.

For Lab Project ID

182354

Referencing

2nd Quarter 2018 Groundwater Monitoring

Prepared

Tuesday, June 5, 2018

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-2		
Lab Sample ID:	182354-01	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.711**	mg/L		6/2/2018 18:03

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Tuesday, June 5, 2018

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-5		
Lab Sample ID:	182354-02	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.279**	mg/L		6/2/2018 18:08

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-9		
Lab Sample ID:	182354-03	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.0879**	mg/L		6/2/2018 18:13

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-12		
Lab Sample ID:	182354-04	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.799**	mg/L		6/2/2018 18:17

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-13		
Lab Sample ID:	182354-05	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**6.20**	mg/L		6/2/2018 18:21

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-14		
Lab Sample ID:	182354-06	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.132**	mg/L		6/2/2018 18:26

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-15		
Lab Sample ID:	182354-07	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**16.3**	mg/L		6/2/2018 18:30

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-16		
Lab Sample ID:	182354-08	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**14.2**	mg/L		6/2/2018 18:43

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 182354

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter 2018 Groundwater Monitoring

Sample Identifier:	North		
Lab Sample ID:	182354-09	**Date Sampled:**	5/29/2018
Matrix:	Groundwater	**Date Received:**	5/29/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**3.13**	mg/L		6/2/2018 18:47

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/31/2018
Data File: 180602B

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:	
COMPANY:	R.D. Specialties Inc	COMPANY: SAME	LAB PROJECT ID: 182354
ADDRESS:	560 Salt Road, P.O. Box 206	ADDRESS:	
CITY:	Webster STATE: NY ZIP: 14580	CITY: STATE: ZIP:	Quotation #:
PHONE:	585-265-0220 FAX:	PHONE: FAX:	Email: Pkrasucki@rdspecialties.com
ATTN:	Peter Krasucki	ATTN:	

PROJECT REFERENCE

2nd Quarter 2018
Groundwater Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Total Chromium									REMARKS	PARADIGM LAB SAMPLE NUMBER
5/29/18	1319		X	RD-2	GW	1	X										01
5/29/18	0945		X	RD-5	GW	1	X										02
5/29/18	1016		X	RD-9	GW	1	X										03
5/29/18	1030		X	RD-12	GW	1	X										04
5/29/18	1105		X	RD-13	GW	1	X										05
5/29/18	0940		X	RD-14	GW	1	X										06
5/29/18	1120		X	RD-15	GW	1	X										07
5/29/18	1247		X	RD-16	GW	1	X										08
5/29/18	0900		X	NORTH	GW	1	X										09
~~5/29/18~~ EE OWW																	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other	☐	Other	☐	Other EDD	☐
please indicate date needed:		please indicate package needed:		please indicate EDD needed :	

Charles Wygal — Sampled By — 5/29/18 — Date/Time

Charles Wygal — Relinquished By — 5/29/18 1500 — Date/Time

Total Cost:

Received By — Date/Time

Received @ Lab By — 5/29/18 17:02 — Date/Time

P.I.F. ☐

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

17 °C iced started in field 5/29/18 15:09

See additional page for sample conditions.

Chain of Custody Supplement

Client: RD Specialties **Completed by:** Glenn Pezzulo

Lab Project ID: 182354 **Date:** 5/29/18

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation		X	
Comments	Samples preserved with HNO_3 in lab to pH < 2.		
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments	17°C iced		
Sufficient Sample Quantity	X		
Comments			

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

R.D. Specialties, Inc.

For Lab Project ID

183837

Referencing

3rd Quarter 2018 Groundwater Monitoring

Prepared

Tuesday, August 28, 2018

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 183837

Client: **R.D. Specialties, Inc.**

Project Reference: 3rd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-12		
Lab Sample ID:	183837-01	**Date Sampled:**	8/22/2018
Matrix:	Groundwater	**Date Received:**	8/22/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.579**	mg/L		8/24/2018 15:12

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/24/2018
Data File: 180824B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 183837

Client: **R.D. Specialties, Inc.**

Project Reference: 3rd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-13		
Lab Sample ID:	183837-02	**Date Sampled:**	8/22/2018
Matrix:	Groundwater	**Date Received:**	8/22/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**8.44**	mg/L		8/24/2018 15:24

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/24/2018
Data File: 180824B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 183837

Client: **R.D. Specialties, Inc.**

Project Reference: 3rd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-15		
Lab Sample ID:	183837-03	**Date Sampled:**	8/22/2018
Matrix:	Groundwater	**Date Received:**	8/22/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**11.7**	mg/L		8/24/2018 15:37

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/24/2018
Data File: 180824B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 183837

Client: **R.D. Specialties, Inc.**

Project Reference: 3rd Quarter 2018 Groundwater Monitoring

Sample Identifier:	RD-16		
Lab Sample ID:	183837-04	**Date Sampled:**	8/22/2018
Matrix:	Groundwater	**Date Received:**	8/22/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**2.53**	mg/L		8/24/2018 15:41

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/24/2018
Data File: 180824B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 183837

Client: **R.D. Specialties, Inc.**

Project Reference: 3rd Quarter 2018 Groundwater Monitoring

Sample Identifier:	North		
Lab Sample ID:	183837-05	**Date Sampled:**	8/22/2018
Matrix:	Groundwater	**Date Received:**	8/22/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.238**	mg/L		8/24/2018 15:46

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/24/2018
Data File: 180824B

Analytical Report Appendix

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"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
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Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

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LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
COMPANY:	R.D. Specialties Inc	COMPANY:	SAME	LAB PROJECT ID: 183837
ADDRESS:	560 Salt Road, P.O. Box 206	ADDRESS:		
CITY:	Webster STATE: NY ZIP: 14580	CITY:	STATE: ZIP:	Quotation #: MS020917A
PHONE:	585-265-0220 FAX:	PHONE:	FAX:	Email: PKrasucki@rdspecialties.com
ATTN:	Peter Krasucki	ATTN:		

PROJECT REFERENCE

3rd Quarter 2018 Groundwater Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Total Chromium	REMARKS	PARADIGM LAB SAMPLE NUMBER
08/22/2018	1134		X	RD-12	GW	1	X		01
	1126		X	RD-13	GW	1	X		02
	1123		X	RD-15	GW	1	X		03
	1116		X	RD-16	GW	1	X		04
	0830		X	North	GW	1	X		05

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :	

Sierra Tweedie 08/22/2018
Sampled By — Date/Time

Relinquished By — Date/Time 08/22/2018 1225

Received By — Date/Time

Received @ Lab By — Date/Time 8/22/18 1341

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

16 °C iced 8/22/18 12:33

See additional page for sample conditions.

2017

Client: RD Specialties
Location: 560 Salt Road, Webster, NY
Date: 8/22/2018
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas, Sierra Tweedie
Well ID. RD-12
Weather: Overcast / Breezy
Time In: 1101 **Time Out:** 1137

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)	10.1 ft.		
Water Table Depth	(inches)	6.1 ft.		

check where appropriate

Well Type: Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☐ No ☐
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: ____

WELL WATER INFORMATION

Length of Water Column:	(inches)	4.0 ft.
Volume of Water in Well:	(gal)	0.64 x 3 = 1.92 gal
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Bailer Used	Dedicated ☒	Deconned ☐			
Sampling Method	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Did well go dry?	Yes ☐	No ☐			

Water Quality Meter Type: _____

Time / Parameter	1 1101 Initial	2 1112 Purge Completed	3 1134 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		2 gal							
Depth to Water (in. TIC)	6.1 ft.	9.1 ft.	6.8 ft.						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is Clear, Sulfur Smell
Grab @ 1134

Client: RD Specialties
Location: 560 Salt Road, Webster, NY
Date: 8/22/2018
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas, Sierra Tweedie
Well ID. RD-13
Weather: Overcast / Inside
Time In: 0946 **Time Out:** 1128

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)	9ft.		
Water Table Depth	(inches)	5.3ft		

check where appropriate

Well Type:	Flushmount ☐		Stick-Up ☐	
Well Locked:	Yes ☐		No ☐	
Measuring Point Marked:	Yes ☐		No ☐	
Well Diameter:	1" ☐	2" ☒	Other:	

WELL WATER INFORMATION

Length of Water Column:	(inches)	3.7 ft
Volume of Water in Well:	(gal)	0.59x3=1.78gal
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Bailer Used	Dedicated ☒	Deconned ☐			
Sampling Method	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Did well go dry?	Yes ☐	No ☐			

Water Quality Meter Type: _____

Time / Parameter	1 0946 Initial	2 0955 Purge Completed	3 1126 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		2 gal.							
Depth to Water (in. TIC)	5.3ft.	8.1 ft.	5.5ft.						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O Clear / Slight yellow hue, but mostly clear.

Grab @ 1126

Client: RD Specialties
Location: 560 Salt Road, Webster, NY
Date: 8/22/2018
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas, Sierra Tweedie
Well ID. RD-15

Weather: Overcast / Inside
Time In: 0924 **Time Out:** 1123

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)	11.4 ft		
Water Table Depth	(inches)	4.5 ft		

check where appropriate

Well Type: Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☐ No ☐
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: ____

WELL WATER INFORMATION

Length of Water Column:	(inches)	6.9 ft
Volume of Water in Well:	(gal)	1.104 ×3=3.312
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Bailer Used	Dedicated ☒	Deconned ☐			
Sampling Method	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Did well go dry?	Yes ☐	No ☐			

Water Quality Meter Type: _____

Time / Parameter	1 0924 Initial	2 0939 Purge Completed	3 ~~1120~~ 1123 Sample Collected EE DN.	4	5	6	7	8	9
Volume Purged (gal)		3 gal							
Depth to Water (in. TIC)	4.5 ft	10.6 ft	5 ft.						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H2O has slight yellow hue

Grab@1123

Client: RD Specialties **Date:** 8/22/2018
Location: 560 Salt Road, Webster, NY **Groundwater Monitoring Event**

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas, Sierra Tweedie
Well ID. RD-16
Weather: RD-16, Overcast/Inside
Time In: 0836 Time Out: 1118

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)	5 ft		
Water Table Depth	(inches)	3.25 ft		

check where appropriate

Well Type: Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☐ No ☐
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: ____

WELL WATER INFORMATION

7.88

Length of Water Column:	(inches)	1.75 ft
Volume of Water in Well:	(gal)	2.625 gal ×3
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	☒	Peristaltic	☐	Other Pump	☐ ____
Bailer Used	Dedicated	☒	Deconned	☐		
Sampling Method	Bailer	☒	Peristaltic	☐	Other Pump	☐ ____
Did well go dry?	Yes	☐	No	☐		

Water Quality Meter Type: ____

Time / Parameter	1 0836 Initial	2 0916 Purge Completed	3 1118 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		8 gal							
Depth to Water (in. TIC)	3.25 ft	3.2 ft.	3.8 ft.						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O clear, after 3 purges H_2O began to turn murky brown

Grab @ 1116

Client: RD Specialties **Date:** 8/22/2018
Location: 560 Salt Road, Webster, NY **Groundwater Monitoring Event**

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas, Sierra Tweedie
Well ID. North Sump
Weather: Overcast/ Inside Building
Time In: 0740 Time Out: 0830

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)			
Water Table Depth	(inches)			

check where appropriate

Well Type: Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☐ No ☐
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: ____

WELL WATER INFORMATION

Length of Water Column:	(inches)	
Volume of Water in Well:	(gal)	
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Note: Used Pump to Purge H_2O

Evacuation Method:	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Bailer Used	Dedicated ☒	Deconned ☐			
Sampling Method	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Did well go dry?	Yes ☐	No ☐			

Water Quality Meter Type: _____

Time / Parameter	1 Initial	2 Purge Completed	3 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)									
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O Slightly Turbid.
Oil sheen on top of H_2O
Grab@0830

PARADIGM

Chain of Custody Supplement

Client: RD Specialties **Completed by:** Molly Vail

Lab Project ID: 183837 **Date:** 8/22/18

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments	16°C iced 8/22/18 1233		
Sufficient Sample Quantity	X		
Comments			

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

R.D. Specialties, Inc.

For Lab Project ID

190690

Referencing

1st Quarter Groundwater Monitoring

Prepared

Tuesday, February 26, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 190690

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier:	RD-12		
Lab Sample ID:	190690-01	**Date Sampled:**	2/20/2019
Matrix:	Groundwater	**Date Received:**	2/20/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.773**	mg/L		2/22/2019 16:27

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/21/2019
Data File: 190222B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 190690

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier:	RD-13		
Lab Sample ID:	190690-02	**Date Sampled:**	2/20/2019
Matrix:	Groundwater	**Date Received:**	2/20/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**3.78**	mg/L		2/22/2019 16:31

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/21/2019
Data File: 190222B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 190690

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier:	RD-15		
Lab Sample ID:	190690-03	**Date Sampled:**	2/20/2019
Matrix:	Groundwater	**Date Received:**	2/20/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**8.35**	mg/L		2/22/2019 16:36

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/21/2019
Data File: 190222B

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 190690

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier:	RD-16		
Lab Sample ID:	190690-04	**Date Sampled:**	2/20/2019
Matrix:	Groundwater	**Date Received:**	2/20/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**1.79**	mg/L		2/22/2019 16:40

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/21/2019
Data File: 190222B

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 190690

Client: **R.D. Specialties, Inc.**

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier:	North		
Lab Sample ID:	190690-05	**Date Sampled:**	2/20/2019
Matrix:	Groundwater	**Date Received:**	2/20/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**1.03**	mg/L		2/22/2019 16:44

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/21/2019
Data File: 190222B

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	R.D. Specialties Inc	COMPANY: SAME	LAB PROJECT ID: 190690
ADDRESS:	560 Salt Road, P.O. Box 206	ADDRESS:	
CITY:	Webster STATE: NY ZIP: 14580	CITY: STATE: ZIP:	Quotation #:
PHONE:	585-265-0220 FAX:	PHONE: FAX:	Email: Pkrasucki@rdspecialties.com
ATTN:	Peter Krasucki	ATTN:	

PROJECT REFERENCE

1st Quarter
Groundwater Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Total Chromium	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/20/19	1255		X	RD-12	GW	1	X		01
	1242		X	RD-13	GW	1	X		02
	1240		X	RD-15	GW	1	X		03
	1238		X	RD-16	GW	1	X		04
	1044		X	NORTH	GW	1	X		05

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :	

Sampled By: Dylan Vasukynas Date/Time: 2/20/19

Relinquished By: [signature] Date/Time: 2/20/19 1430

Received By: Date/Time:

Received @ Lab By: [signature] Date/Time: 2/20/19

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

8°C iced 2/20/19 14:43

See additional page for sample conditions.

Client: RD Specialties
Location: 560 Salt Road, Webster, NY
Date: 2/20/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas
Well ID. RD-15
Weather: Overcast
Time In: 1123 **Time Out:** 1137

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		11.23-ft	
Water Table Depth	(inches)		3.4 ft.	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[ ]	No	[X]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1" [ ]	2" [X]	Other:	

WELL WATER INFORMATION

Length of Water Column:	(inches)	7.83 ft.
Volume of Water in Well:	(gal)	1.25x3 = 3.76
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[ ]	No	[ ]		

Water Quality Meter Type: _____

Time / Parameter	1 1123 Initial	2 1137 Purge Completed	3 1240 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		3.2 gal							
Depth to Water (in. TIC)	3.4 ft.	10.7 ft	3.6 ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is yellow colored, murky H_2O.
Grab @ 1240

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 2/20/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas
Well ID. RD-16
Weather: Overcast
Time In: 1051 Time Out: 1115

WELL INFORMATION *(record from top of inner casing at minimum)*

		DVEETIC	TOC	BGS
Well Depth	(inches)	~~4.9ft.~~	5.2ft	
Water Table Depth	(inches)	~~5.0ft~~ FE D.V.	0.2ft	

check where appropriate

Well Type: Flushmount ☐ Stick-Up ☐
Well Locked: Yes ☐ No ☐
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: ____

WELL WATER INFORMATION

Length of Water Column:	(inches)	5.0ft.
Volume of Water in Well:	(gal)	~~22.5 gal~~ w/x3 (7.5 gal)
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Bailer Used	Dedicated ☒	Deconned ☐			
Sampling Method	Bailer ☒	Peristaltic ☐	Other Pump ☐		
Did well go dry?	Yes ☐	No ☐			

Water Quality Meter Type: _____

Time / Parameter	1 1051 Initial	2 1115 Purge Completed	3 1238 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		23 gal.							
Depth to Water (in. TIC)	0.2ft	0.2ft	0.2ft						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is clear with yellow hue.
Grab @ 1238

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 2/20/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas
Well ID. RD-12
Weather: Overcast
Time In: 1222 **Time Out:** 1229

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		10.04-ft	
Water Table Depth	(inches)		4.9ft	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[X]	No	[ ]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1"	[ ]	2" [X]	Other:

WELL WATER INFORMATION

Length of Water Column:	(inches)	5.14 feet
Volume of Water in Well:	(gal)	2.47 Gal to P.
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer [X]	Peristaltic [ ]		Other Pump [ ]	
Bailer Used	Dedicated [X]	Deconned [ ]			
Sampling Method	Bailer [X]	Peristaltic [ ]		Other Pump [ ]	
Did well go dry?	Yes [ ]		No [ ]		

Water Quality Meter Type:

Time / Parameter	1 1222 Initial	2 1229 Purge Completed	3 1255 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		EE D.V.							
Depth to Water (in. TIC)	4.9ft.	~~0.6ft~~ 9.50ft.	3.9ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O has sulfur smell, orange hue to H_2O.
Grab @ 1255

5 of 7

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 2/20/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas

Well ID. North Sump

Weather: Overcast

Time In: 1007 **Time Out:** 1044

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)			
Water Table Depth	(inches)			

check where appropriate

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [ ] No [X]
Measuring Point Marked: Yes [ ] No [ ]
Well Diameter: 1" [ ] 2" [ ] Other:

WELL WATER INFORMATION

Length of Water Column:	(inches)	
Volume of Water in Well:	(gal)	
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method: Bailer [ ] Peristaltic [ ] Other Pump [X] _____
Bailer Used: Dedicated [ ] Deconned [ ]
Sampling Method: Bailer [ ] Peristaltic [ ] Other [X] _____
Did well go dry? Yes [ ] No [ ]

Water Quality Meter Type: _____

Time / Parameter	1 Initial	2 Purge #1 Completed	3 Purge #2 Completed	4 Purge #3 Completed	5 Purge #4 Completed	6 Sample Collected	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)									
pH	N/A	N/A	N/A	N/A	N/A				
Conductance (mS/cm)	N/A	N/A	N/A	N/A	N/A				
Turbidity	See Note #1	See Note #1	See Note #1	See Note #1	See Note #1	See Note #1			
DO (mg/L)	N/A	N/A	N/A	N/A	N/A				
Temp (°C)	N/A	N/A	N/A	N/A	N/A				
ORP (mV)	N/A	N/A	N/A	N/A	N/A				

MISCELLANEOUS OBSERVATIONS/PROBLEMS • No smell or odors, Water is dirty (High Turbidity

NOTES: #1) Purged using pump. Well recharging at a very fast rate, Purged 50+ gallons of H2O Grab@1044

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 2/20/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan Vascukynas
Well ID. RD-13
Weather: Overcast
Time In: 1152 **Time Out:** 1205

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		8.79-ft	
Water Table Depth	(inches)		4.1ft	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[ ]	No	[X]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1" [ ]	2" [X]	Other:	

WELL WATER INFORMATION

Length of Water Column:	(inches)	4.69 feet
Volume of Water in Well:	(gal)	0.75 x 3 = 2.25
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer [X]	Peristaltic [ ]	Other Pump [ ]		
Bailer Used	Dedicated [X]	Deconned [ ]			
Sampling Method	Bailer [X]	Peristaltic [ ]	Other Pump [ ]		
Did well go dry?	Yes [ ]	No [ ]			

Water Quality Meter Type: _____

Time / Parameter	1 1152 Initial	2 1205 Purge Completed	3 1242 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)		2.0 gal							
Depth to Water (in. TIC)	4.1 ft	7.8 ft.	4.5 ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is yellow/brown color, no odor.

Grab @ 1242

PARADIGM

Chain of Custody Supplement

Client: R.D. Specialties **Completed by:** [illegible]

Lab Project ID: 190690 **Date:** 2/20/19

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments			
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

R.D. Specialties, Inc.

For Lab Project ID

192346

Referencing

2nd Quarter Groundwater Monitoring

Prepared

Monday, June 3, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-2		
Lab Sample ID:	192346-01	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.0344**	mg/L		5/30/2019 16:37

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-5		
Lab Sample ID:	192346-02	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.256**	mg/L		5/30/2019 16:41

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-9		
Lab Sample ID:	192346-03	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.0166**	mg/L		5/30/2019 16:46

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-12		
Lab Sample ID:	192346-04	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.171**	mg/L		5/30/2019 16:50

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, June 3, 2019

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-13		
Lab Sample ID:	192346-05	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**2.04**	mg/L		5/30/2019 16:55

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-14		
Lab Sample ID:	192346-06	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.0292**	mg/L		5/30/2019 16:59

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-15		
Lab Sample ID:	192346-07	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**4.82**	mg/L		5/30/2019 17:03

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	RD-16		
Lab Sample ID:	192346-08	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**1.67**	mg/L		5/30/2019 17:17

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 192346

Client: **R.D. Specialties, Inc.**

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier:	North		
Lab Sample ID:	192346-09	**Date Sampled:**	5/24/2019
Matrix:	Groundwater	**Date Received:**	5/24/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Chromium	**0.139**	mg/L		5/30/2019 17:21

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/29/2019
Data File: 190530C

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
COMPANY:	R.D. Specialties Inc	COMPANY:	SAME	LAB PROJECT ID: 192346
ADDRESS:	560 Salt Road, P.O. Box 206	ADDRESS:		
CITY:	Webster STATE: NY ZIP: 14580	CITY:	STATE: ZIP:	Quotation #:
PHONE:	585-265-0220 FAX:	PHONE:	FAX:	Email: Pkrasucki@rdspecialties.com
ATTN:	Peter Krasucki	ATTN:		

PROJECT REFERENCE

2nd Quarter
Groundwater Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Total Chromium	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/24/19	1334		X	RD-2	GW	1	X		01
	1401		X	RD-5	GW	1	X		02
	1356		X	RD-9	GW	1	X		03
	1352		X	RD-12	GW	1	X		04
	1343		X	RD-13	GW	1	X		05
	1405		X	RD-14	GW	1	X		06
	1338		X	RD-15	GW	1	X		07
	1333		X	RD-16	GW	1	X		08
	1330		X	NORTH	GW	1	X		09

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required		None Required
10 day		Batch QC		Basic EDD
Rush 3 day		Category A		NYSDEC EDD
Rush 2 day		Category B		
Rush 1 day				
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :

Robert Rastuo 5/24/19
Sampled By — Date/Time

Robert Rastuo 5/24/19 1455
Relinquished By — Date/Time

Total Cost:

Received By — Date/Time

Molly Vail 5/24/19 1509
Received @ Lab By — Date/Time

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

15°C iced started in field 5/24/19 15:02

See additional page for sample conditions.

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Bobby / Dylan
Well ID. RD-2
Weather: Overcast / Inside
Time In: 0847 **Time Out:** 1334

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		6.10ft	
Water Table Depth	(inches)		~~11 inches~~ 0.5 ft EE D.V.	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[ ]	No	[X]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1"	[ ]	2" [X]	Other: 2 inch

WELL WATER INFORMATION

Length of Water Column:	(inches)	5.6 ft
Volume of Water in Well:	(gal)	0.896 x 3 = 2.69 gal
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	1.5 gals

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[X]	No	[ ]		

Water Quality Meter Type: _____

Time / Parameter	1 0847 Initial	2 0852 Purge Completed	3 1334 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)			1.2 ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is clear with minimal sediment. Grab@1334

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan / Bobby
Weather: Overcast / 55 deg.

Well ID. RD-5
Time In: 1045 **Time Out:** 1402

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		9.0ft	
Water Table Depth	(inches)		2.0ft	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[ ]	No	[X]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1" [ ]	2" [X]	Other:	

WELL WATER INFORMATION

Length of Water Column:	(inches)	7.0 feet
Volume of Water in Well:	(gal)	1.12 x 3 = 3.36 gal
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	7 gallons

Conversion Factors

Gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[ ]	No	[X]		

Water Quality Meter Type:

Time / Parameter	1 1045 Initial	2 1105 Purge Completed	3 1401 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)			2.0ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H2O was clear with sulfer smell
H2O Recharge is quick.
Grab@1401

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Bobby / Dylan
Well ID. RD-9
Weather: Overcast
Time In: 1036 **Time Out:** 1359

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		10.00 ft	
Water Table Depth	(inches)		5.8 ft	

check where appropriate

Well Type:	Flushmount	[X] EE DIV.	Stick-Up	[X]
Well Locked:	Yes	[X]	No	[ ]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1"	[ ]	2"	[X] Other:

WELL WATER INFORMATION

Length of Water Column:	(inches)	4.2 ft.
Volume of Water in Well:	(gal)	0.672 x 3 = 2.016
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	2.1 gal

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[X]	No	[ ]		

Water Quality Meter Type:

Time / Parameter	1 1036 Initial	2 1042 Purge Completed	3 1356 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (ft. TIC)			5.6 ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is Clear, no odors.

Grab @ 1356

5 of 11

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan / Bobby
Well ID. RD-12
Weather: Overcast
Time In: 1027 **Time Out:** 1354

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)	10.00ft.		
Water Table Depth	(inches)	6.1ft		

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[X]	No	[ ]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1" [ ]	2" [X]	Other:	

WELL WATER INFORMATION

Length of Water Column:	(inches)	3.9 ft
Volume of Water in Well:	(gal)	0.624 x 3 = 1.872 gals
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	2 gal

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[X]	No	[ ]		

Water Quality Meter Type:

Time / Parameter	1 1027 Initial	2 1031 Purge Completed	3 1352 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)			5.1ft						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O has sulfur smell.
H_2O is rusty color.

Grab@1352

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan / Bobby
Well ID. RD-13
Weather: Overcast / Inside
Time In: 0910 **Time Out:** 1344

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		8.8ft	
Water Table Depth	(inches)		4.0ft	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[ ]	No	[X]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1"	[ ]	2" [X]	Other:

WELL WATER INFORMATION

Length of Water Column:	(inches)	4.8 ft
Volume of Water in Well:	(gal)	0.768x3=2.304gal
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[ ]	No	[ ]		

Water Quality Meter Type:

Time / Parameter	1 0910 Initial	2 0918 Purge Completed	3 1343 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)			4.5 ft.						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O had no smell / Clear
Grab@1343

7/11

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan / Bobby
Weather: Overcast

Well ID. RD-14
Time In: 1118 Time Out: 1408

WELL INFORMATION (record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(inches)		11.0ft	
Water Table Depth	(inches)		1.1ft	

check where appropriate

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [ ] No [X]
Measuring Point Marked: Yes [X] No [ ]
Well Diameter: 1" [ ] 2" [X] Other:

WELL WATER INFORMATION

Length of Water Column:	(inches)	9.9 ft
Volume of Water in Well:	(gal)	1.584x3=4.7529al
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		3
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method: Bailer [X] Peristaltic [ ] Other Pump [ ] _____
Bailer Used Dedicated [X] Deconned [ ]
Sampling Method Bailer [X] Peristaltic [ ] Other Pump [ ] _____
Did well go dry? Yes [ ] No [ ]
Water Quality Meter Type: _____

Time / Parameter	1 1118 Initial	2 1121 Purge Completed	3 1405 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)			1.2 ft						
Depth to Water (in. TIC)									
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O was clear
H_2O had no smell.
Grab @ 1405

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: ~~Overcast~~ KEDV. Dylan / Bobby

Well ID. RD-15

Weather: Overcast / Inside

Time In: 0856 **Time Out:** 1339

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		11.2ft.	
Water Table Depth	(inches)		3.2ft	

check where appropriate

Well Type:	Flushmount	[X]	Stick-Up	[ ]
Well Locked:	Yes	[ ]	No	[X]
Measuring Point Marked:	Yes	[X]	No	[ ]
Well Diameter:	1" [ ]	2" [X]	Other:	

WELL WATER INFORMATION

Length of Water Column:	(inches)	8.0ft
Volume of Water in Well:	(gal)	1.28x3= 3.84ga
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer [X]	Peristaltic [ ]	Other Pump [ ]		
Bailer Used	Dedicated [X]	Deconned [ ]			
Sampling Method	Bailer [X]	Peristaltic [ ]	Other Pump [ ]		
Did well go dry?	Yes [ ]	No [ ]			

Water Quality Meter Type: _____

Time / Parameter	1 0856 Initial	2 0905 Purge Completed	3 1338 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)			6.0ft						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O was yellow in color, no smell.

Grab@1338

Client: RD Specialties
Location: 560 Salt Road, Webster, NY

Date: 5/24/19
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan / Bobby
Well ID. RD-16
Weather: Overcast / inside
Time In: 0820 Time Out: 1334

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		4.6 ft	
Water Table Depth	(inches)		0.4 ft	

check where appropriate

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [ ] No [X]
Measuring Point Marked: Yes [ ] No [X]
Well Diameter: 1" [ ] 2" [X] Other: 6 inch (Eray.)

WELL WATER INFORMATION

Length of Water Column:	(inches)	4.2 ft
Volume of Water in Well:	(gal)	6.3 x 3 = 18.9 gal
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors

gallons per feet	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	0.16	0.66	1.5

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Bailer Used	Dedicated	[X]	Deconned	[ ]		
Sampling Method	Bailer	[X]	Peristaltic	[ ]	Other Pump	[ ]
Did well go dry?	Yes	[ ]	No	[ ]		

Water Quality Meter Type:

Time / Parameter	1 0820 Initial	2 0847 Purge Completed	3 1333 Sample Collected	4	5	6	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)			4 inches						
pH	N/A	N/A							
Conductance (mS/cm)	N/A	N/A							
Turbidity	See Note #1	See Note #1	See Note #1						
DO (mg/L)	N/A	N/A							
Temp (°C)	N/A	N/A							
ORP (mV)	N/A	N/A							

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) H_2O is clear, H_2O recharge is fast. Grab @ 1333

10/11

Client: RD Specialties **Date:** 5/24/19

Location: 560 Salt Road, Webster, NY **Groundwater Monitoring Event**

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Dylan / Bobby

Well ID. North Sump

Weather: Overcast // Inside building

Time In: 0731 Time Out: 1332

WELL INFORMATION *(record from top of inner casing at minimum)*

		TIC	TOC	BGS
Well Depth	(inches)		—	
Water Table Depth	(inches)		—	

check where appropriate

Well Type: Flushmount [X] Stick-Up [ ]

Well Locked: Yes [ ] No [X]

Measuring Point Marked: Yes [ ] No [ ]

Well Diameter: 1" [ ] 2" [ ] Other: ✓ (Pit)

WELL WATER INFORMATION

Length of Water Column:	(inches)	—
Volume of Water in Well:	(gal)	
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	65+ gallons

Conversion Factors

gallons per feet of water column:	1" ID	2" ID	4" ID	6" ID
	0.094	0.16	0.66	1.5

1 gal = 3.785 L =3785 mL = 0.1337 cubic ft.

EVACUATION INFORMATION

Evacuation Method:	Bailer [ ]	Peristaltic [ ]	Other Pump [X]		
Bailer Used	Dedicated [ ]	Deconned [ ]			
Sampling Method	Bailer [ ]	Peristaltic [X]	Other [X]		
Did well go dry?	Yes [ ]	No [X]			

Water Quality Meter Type: _____

Time / Parameter	1 0731 Initial	2 0800 Purge #1 Completed	3 Purge #2 Completed	4 Purge #3 Completed	5 Purge #4 Completed	6 1330 Sample Collected	7	8	9
Volume Purged (gal)									
Depth to Water (in. TIC)									
pH	N/A	N/A	N/A	N/A	N/A				
Conductance (mS/cm)	N/A	N/A	N/A	N/A	N/A				
Turbidity	See Note #1	See Note #1	See Note #1	See Note #1	See Note #1	See Note #1			
DO (mg/L)	N/A	N/A	N/A	N/A	N/A				
Temp (°C)	N/A	N/A	N/A	N/A	N/A				
ORP (mV)	N/A	N/A	N/A	N/A	N/A				

MISCELLANEOUS OBSERVATIONS/PROBLEMS

NOTES: #1) • H_2O is dirty with slight oil smell.
• H_2O was recharging quicker than purge. 65+ gallons purged with no decrease in H_2O level.

PARADIGM

Chain of Custody Supplement

Client: RD Specialties **Completed by:** MolyWait

Lab Project ID: 192346 **Date:** 5/24/19

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments			
Compliant Sample Quantity/Type	X		
Comments			