



2024 Periodic Review Report

For the Period April 11, 2023 and April 11, 2024

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. 2241434

May 2, 2024

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Table Table 1 – Summary of Total Chromium Testing in Groundwater

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Appendix 1 IC/EC Certification Form

Appendix 2 Chromium Concentrations in Groundwater over Time (Graphs)

Appendix 3 5-Yr Average Concentrations of Chromium in Groundwater (Graphs)

Appendix 4 Laboratory Reports (Including Groundwater Sampling Logs)

Common Acronyms / Abbreviations

EC – Engineering Control

GWS – Groundwater Standard

IC – Institution Control

IHWDS – Inactive Hazardous Waste Disposal Site

MCWA – Monroe County Water Authority

N/A – Not Applicable

NYSDEC – New York State Department of Conservation

NYSDOH – New York State Department of Health

PFAS – Per- and Poly- Fluoroalkyl Substances

PFOA – Perfluorooctanoic Acid

PFOS – Perfluorooctane Sulfonic Acid

ppm – parts per million (equal to milligrams per Liter or mg/L)

ppt – parts per trillion (equal to nanograms per Liter or ng/L)

PRR – Periodic Review Report

ROD – Record of Decision

SMP – Site Management Plan

References

R.D. Specialties, Inc. (Site No. 828062) Record of Decision, Prepared by NYSDEC, March 1991

DER-10 - Technical Guidance for Site Investigation and Remediation, NYSDEC, May 3, 2010

Corrective Measures Report, Prepared by LaBella Associates, January 2018

2023 Periodic Review Report, Prepared by LaBella Associates, April 2023

1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) has been prepared for the R.D. Specialties, Inc. Site, located at 560 Salt Road, in the Town of Webster, Monroe County, 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 April 11, 2023 and April 11, 2024.

1.1 *Abbreviated Site History / Summary*

The Site consists of Monroe County Tax Parcel Identification Nos. 066.01-2-12.11 and 066.01-2-12.2, totaling approximately ± 24.9 -acres. The Site is bounded by a utility corridor to the north (with a residential neighborhood beyond), a water treatment plant to the east, commercial land to the south, and Salt Road to the west (with agricultural land beyond Salt Road). The Site includes a manufacturing building and a two-story house that is used as office space (southwestern portion of the Site). The remaining portion of the Site is undeveloped / forested land.

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 and off-site disposal of approximately 345 cubic yards of contaminated soil. The contaminated soil was transported to a RCRA-permitted landfill.
- Long-term groundwater monitoring for chromium contamination.

Since the initial soil removal action that was completed in the early 1990s, groundwater has been monitored at the Site as required by the ROD.

Additional remedial activities have occurred at the Site since the ROD, and the scope of groundwater monitoring requirements have changed over time. Refer to Section 2.0 for additional discussion of Site history.

1.2 *Effectiveness of Remedial Program*

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

1. The Remedial Action Objective (RAO) for contaminated soils at the Site is to reduce the concentration of total chromium to below 31 ppm (determined action level) by soil removal and/or treatment.
2. The RAO for the contaminated groundwater at the Site is to control, minimize or eliminate the migration of contaminants off of the Site.

The remedial program remains effective, as total chromium concentrations in groundwater continue to decrease across the Site. Remaining chromium contamination appears centered beneath the building and is not migrating off-site.

1.3 *Compliance*

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

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.

No changes to the monitoring program are recommended at this time.

Per NYSDEC request, a Site Management Plan (SMP) is to be drafted for the Site.

2.0 SITE HISTORY / OVERVIEW

2.1 Site Use

Beginning in 1966, R.D. Specialties, Inc. (also referred to as “RDS”) performed chrome plating of metal rods. The plated rods were rinsed and the rinsate was drained to a dry well. This practice continued until sometime in 1982, when RDS began treating the rinsate and collecting it for off-site disposal.

According to historical records, an estimated 40-50 gallons of plating solution (containing approximately 47 pounds of chromium) was discharged to the dry well in a discrete event occurring sometime in the 1970s.

The Site continues to be owned and operated by RDS for chrome plating operations.

2.2 Site Boundary

Accurate site boundary information is inconsistent, based on historically available information and previous reporting.

According to information provided electronically by the NYSDEC on April 15, 2024 (refer to Exhibit 1), the site boundary totals 24.9 acres. This boundary is reflected on the Figures included in this PRR, which includes Monroe County Tax Parcel ID Nos. 066.01-2-12.11 and 066.01-2-12.2.

2.3 Environmental Investigation, Regulatory, and Remediation History

RDS entered into an Order of Consent with the NYSDEC in June 1992. At that time, the NYSDEC removed impacted soil from the Site and installed a foundation drainage system to collect impacted groundwater and treat it prior to discharge. The foundation drain system resulted in a reduction of the contaminated groundwater plume; however, chromium concentrations remained above applicable NYSDEC Groundwater Standards as of 2011. The NYSDEC issued a letter dated June 3, 2011, requiring additional investigation be conducted to assess source areas in relation to groundwater contamination.

In July 2016, LaBella Associates, D.P.C. (“LaBella”) conducted a supplemental investigation inside the building in an effort to identify and delineate potential source area(s) of chromium impact. Thirteen (13) soil borings were drilled through the building’s foundation slab in the area of 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 the presence of chromium. Representative soil samples were collected from select borings and submitted for laboratory analysis of total and hexavalent chromium. Sampling 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) that was approved by the NYSDEC in January 2017.

“Source” removal and remediation activities were completed in January 2017 and included the following:

- Excavation and off-site disposal of 53.28 tons of hazardous waste soil (Envirite of Ohio facility in Canton, Ohio);
- Excavation and off-site disposal of 132.4 tons of non-hazardous soil, concrete and bedrock (High Acres Landfill, in Fairport, New York); and,
- Addition of 400 pounds of 3-D Microemulsion and 120 pounds of HRC Primer among backfill material placed into the former excavation.

The amendments were added in an effort to create reducing conditions that would further treat the chromium *in-situ*. The amendments were later discovered in the basement sump to the west of the

excavation area and found to have fouled the resin beds. Due to this discovery and the fact that a lack of off-site migration of chromium impacts had been observed to-date, the sump pumps were turned off. Since operation of the sump pump is necessary to prevent flooding in the basement of the house, the NYSDEC approved re-routing the associated piping from the sump back into infrastructure installed within the backfill of the source area drywell excavation, allowing the water to be recirculated to the subsurface (refer to Figure 2 for locations).

Routine groundwater monitoring of chromium concentrations in groundwater has occurred at the Site since December 1992, and the Site remains identified by NYSDEC Site No. 828062. The Site is listed as a Class 4 Inactive Hazardous Waste Disposal Site (IHWDS) requiring continuing site management. Figure 2 illustrates the locations of groundwater monitoring wells and other prominent site features. Table 1 includes a summary of historical groundwater monitoring data.

2.3.1 *Emerging Contaminant Investigation*

In a letter dated June 19, 2019, the NYSDEC requested that RD Specialties complete emerging contaminant testing to investigate the potential presence of 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) in groundwater at the Site. This testing occurred in 2019, per LaBella's work plan submitted September 6, 2019. The work plan included collecting groundwater samples for 1,4-dioxane and PFAS analysis from three (3) existing on-site monitoring wells:

- RD-2;
- RD-9; and,
- RD-13.

These monitoring wells were selected based on groundwater elevations previously measured at the Site, in order to provide background and downgradient analytical results to determine if emerging contaminants were present.

1,4-dioxane was not detected in any of the groundwater samples collected during the Emerging Contaminant Investigation and is therefore not considered a contaminant of concern at the Site.

PFAS was detected in each of the three samples collected and analyzed from the above-referenced monitoring wells. PFAS has been added to the periodic groundwater monitoring program, with samples for PFAS collected biennially (i.e., every-other-year) from the above-mentioned three wells.

3.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

The Site remedy is currently being evaluated by periodic groundwater monitoring, which has occurred at the Site since 1990. Quantitative groundwater data is compared to historical data and used to evaluate the effectiveness of the remedy.

Groundwater data has shown a generally static or decreased level of chromium contamination as compared to previous data, indicating that the remedial program has been effective. This is most notable at monitoring well RD-15 (the location consistently containing the most elevated chromium concentration), where chromium concentrations have decreased from 570 ppm on March 24, 2010, to 46.6 ppm on August 30, 2017, to 2.31 ppm on February 23, 2024 (the most recent sampling event at RD-15). For a complete analysis of monitoring data, refer to Section 5.0 – Monitoring Plan Compliance.

From a qualitative perspective, it is noted that the Site is effectually isolated from the public, and controls continue to be followed (See Section 4.0 below).

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

The following sections describe the Institutional and Engineering Controls currently implemented at the Site, their status, and effectiveness.

4.1 Description of Institutional Controls

The following Institutional Control (IC) / Site Restriction applies to the Site:

- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH and/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:

- All future activities that will disturb remaining contaminated material must be conducted in accordance with NYSDEC regulations; and,
- Monitoring to assess the performance and effectiveness of the remedy must be performed as required by NYSDEC, and the results must be reported at the frequency requested (currently, annually).

4.2 Description of Engineering Controls

There are no Engineering Controls associated with the Site.

4.3 Effectiveness of Controls

Groundwater is not used at the Site, demonstrating that the controls remain effective. Water is provided to the Site and all surrounding properties by the Monroe County Water Authority (MCWA).

4.4 IC/EC Certification

The IC/EC Certification Form has been completed in its entirety and is included as Appendix 1.

5.0 MONITORING PLAN COMPLIANCE

5.1 Components of the Monitoring Plan

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

- Collection and analysis of groundwater for chromium (via USEPA Method 6010C) on a quarterly basis from four (4) monitoring wells on the Site;
- Collection and analysis of groundwater for chromium (via USEPA Method 6010C) on an annual basis from three (3) monitoring wells on the Site;
- Collection and analysis of groundwater for PFAS (via the current/latest NYSDEC-approved method at the date of sampling) on a biennial basis from three (3) monitoring wells on the Site;
- Comparing sampling results to applicable NYSDEC standards, criteria and guidance, particularly ambient groundwater standards;
- Evaluating whether the data indicates the remedy continues to be effective in protecting public health and the environment;
- Assessing whether the remedial performance criteria has been achieved; and,
- Annual reporting of the results.

The following table summarizes the location and frequency of sample collection at the Site:

Well ID / Sample Location	Frequency of Chromium Sampling	Frequency of PFAS Sampling
RD-2	Annually	Biennially
RD-9	Annually	Biennially
RD-12	Quarterly	N/A
RD-13	Quarterly	Biennially
RD-14	Annually	N/A
RD-15	Quarterly	N/A
RD-16	Quarterly	N/A

Laboratory reports and groundwater sampling logs for the sampling completed during this reporting period are included as Appendix 4.

5.2 Summary of Monitoring During the Reporting Period

Since the completion of the 2023 PRR, four groundwater monitoring events for chromium have occurred at the Site. The following table details the timeline of groundwater sampling events that are encompassed by this PRR:

Sampling Date	Associated Report Title and Date
May 24, 2023	2 nd Quarter Groundwater Monitoring – May 31, 2023
August 28, 2023	3 rd Quarter Groundwater Monitoring – September 1, 2023
November 27, 2023	4 th Quarter Groundwater Monitoring – December 1, 2023
February 23, 2024	1 st Quarter Groundwater Monitoring – February 28, 2024

5.3 Comparisons with Remedial Objectives - Chromium

5.3.1 Assessment of Analytical Data - Chromium

The following subsections provide a summary of this period's analytical data related to chromium.

May 24, 2023 – 2023 2nd Quarter Groundwater Monitoring

The annual sampling of the seven (7) active monitoring wells occurred on May 24, 2023.

“Annual” monitoring wells RD-2, RD-9, and RD-14 were sampled during this event. The concentration of chromium detected at RD-2 (0.285 ppm) exceeded the applicable NYSDEC groundwater standard of 0.05 ppm for chromium. The concentration of chromium detected at RD-9 and RD-14 did not exceed the applicable standard (0.0254 and 0.0425 ppm, respectively).

“Quarterly” monitoring wells RD-12, RD-13, RD-15, and RD-16 were sampled during this event. The detected concentration of chromium exceeded the applicable NYSDEC groundwater standard of 0.05 ppm at each of the four wells.

The following table summarizes the detected concentration of chromium among each of the samples collected during this event:

(continued on next page)

Well ID / Sample Location	Chromium Concentration (ppm)
RD-2	0.285
RD-9	0.0254
RD-12	0.196
RD-13	1.53
RD-14	0.0425
RD-15	2.28
RD-16	0.498

Concentrations that are ***bold and italicized*** exceed the applicable NYSDEC groundwater standard of 0.05 ppm for chromium.

August 28, 2022 – 2023 3rd Quarter Groundwater Monitoring

The quarterly sampling of the four (4) active monitoring wells was completed on August 28, 2023.

“Quarterly” monitoring wells RD-12, RD-13, RD-15, and RD-16, were sampled during this event. The detected concentration of chromium exceeded the applicable NYSDEC groundwater standard of 0.05 ppm at each of the four wells.

The following table summarizes the detected concentration of chromium among each of the samples collected during this event:

Well ID / Sample Location	Chromium Concentration (ppm)
RD-12	0.277
RD-13	1.66
RD-15	2.46
RD-16	0.617

Concentrations that are ***bold and italicized*** exceed the applicable NYSDEC groundwater standard of 0.05 ppm for chromium.

November 27, 2023 – 2023 4th Quarter Groundwater Monitoring

The quarterly sampling of the four (4) active monitoring wells was completed on November 27, 2023.

“Quarterly” monitoring wells RD-12, RD-13, RD-15, and RD-16, were sampled during this event. The detected concentration of chromium exceeded the applicable NYSDEC groundwater standard of 0.05 ppm at each of the four wells.

The following table summarizes the detected concentration of chromium among each of the samples collected during this event:

Well ID / Sample Location	Chromium Concentration (ppm)
RD-12	0.284
RD-13	1.80
RD-15	3.17
RD-16	0.526

Concentrations that are ***bold and italicized*** exceed the applicable NYSDEC groundwater standard of 0.05 ppm for chromium.

February 23, 2024 – 2024 1st Quarter Groundwater Monitoring

The quarterly sampling of the four (4) active monitoring wells was completed on February 23, 2024.

“Quarterly” monitoring wells RD-12, RD-13, RD-15, and RD-16, were sampled during this event. The detected concentration of chromium exceeded the applicable NYSDEC groundwater standard of 0.05 ppm at each of the four wells.

The following table summarizes the detected concentration of chromium among each of the samples collected during this event:

Well ID / Sample Location	Chromium Concentration (ppm)
RD-12	<i>0.188</i>
RD-13	<i>1.50</i>
RD-15	<i>2.31</i>
RD-16	<i>0.407</i>

Concentrations that are ***bold and italicized*** exceed the applicable NYSDEC groundwater standard of 0.05 ppm for chromium.

5.3.2 Comparison of Analytical Data to Previous Analytical Results - Chromium

The following is a comparison of this period’s analytical data to historical data.

Well ID	Location Description	Analysis
RD-2	Upgradient of the main drywell source area but downgradient of the exterior areas where plating waste was also discharged and exterior removals were previously completed.	Concentrations of chromium at RD-2 were less than 1 ppm throughout the 1990s; however, the concentrations generally increased slightly over time until a significantly higher concentration was identified in 2006 (62 ppm). The concentrations quickly decreased and returned to exhibiting typical concentrations for the location. Concentrations dipped below the applicable standard of 0.05 ppm from 2019 through 2021. The concentration exceeds the applicable standard of 0.05 ppm during the 2022 and 2023 sampling events (with the concentration during this reporting period being 0.285 ppm, exceeding the 0.05 ppm standard but still less than the historic benchmark of 1 ppm for this location).
RD-9	North of the building, on the northwest portion of the site (downgradient/crossgradient of the drywell source area.	Concentrations of chromium at RD-9 fluctuated but generally decreased between 1992 and 2005. Concentrations then began to increase until about 2010. Since 2010 the concentrations have decreased and then stagnated. The average chromium concentration at RD-9 since 2019 is 0.027 ppm, with four of the last five sampling events (dating back to September 23, 2019) being less than the applicable standard of 0.05 ppm.
RD-12	Downgradient of the building and the drywell source area.	Monitoring at RD-12 began in late 2009. The concentrations of total Chromium in this well have generally decreased since monitoring began. The average concentration since 2019 is 0.348 ppm.

Well ID	Location Description	Analysis
RD-13	Downgradient of the former drywell source area and between the former drywell and the basement sump.	Monitoring at RD-13 began in late 2009. The concentrations of total Chromium in this well have decreased since monitoring began. The initial concentrations of chromium in this well were greater than 50 ppm and the 5-yr averages have steadily decreased. The average concentration since 2019 is 2.249 ppm.
RD-14	North of the building, near the northeast corner of the building. Crossgradient of the former drywell source area.	Monitoring at RD-14 began in late 2009. Chromium concentrations in this well have decreased since monitoring began and the average concentration since 2019 is 0.034 ppm (less than the applicable standard of 0.05 ppm for chromium). Each of the last six sampling events at RD-14 (dating back to May 24, 2019) have been less than the applicable standard of 0.05 ppm.
RD-15	Downgradient of the former plating operations and drywell source area.	Monitoring at RD-15 began in late 2009. The initial total chromium concentrations at RD-15 were over 500 ppm. The concentration decreased to less than 100 ppm by 2012, and has continued to decrease. The average concentration at RD-15 since 2019 is 3.665 ppm.
RD-16	Within the drywell source area excavation that was completed in early 2017.	Monitoring well RD-16 was installed in 2017 and as such, only a limited amount of data exists for this well. The concentrations in this well have fluctuated, but generally decreased. It is 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.

The results of groundwater sampling from each monitoring well over time are provided in graphical format as Appendix 2. In addition, the average chromium concentrations over 5-year periods are included as Appendix 3 (with the exception of RD-16, where there is insufficient historical data to perform 5-year trend analysis).

5.4 Comparison to Guidance Criteria – PFAS

In accordance with the current monitoring program, which requires that PFAS monitoring occur biennially (i.e., every-other year), no PFAS testing was performed during this reporting period (the last PFAS sampling event occurred Q3 2022). The next PFAS monitoring event is scheduled for Q3 2024 and the results will be reported in the next PRR.

5.5 Monitoring Deficiencies

No monitoring deficiencies were noted during the reporting period.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The remedial program remains effective, as total chromium concentrations across the Site remain significantly below historical concentrations. However, the requirements for site closure have not been met, as contamination of groundwater by concentrations of total chromium exceeding the applicable NYSDEC standard of 0.05 ppm remains at the Site. The chromium contamination remains centered beneath the building, with the most elevated concentrations appearing in monitoring wells RD-13 and

RD-15. Contamination above the applicable standard also remains at downgradient monitoring well RD-12, but at lesser concentration than beneath the building.

6.1 Recommendations

Based on the findings and conclusions of this PRR, the following is recommended:

- Quarterly groundwater monitoring for hexavalent chromium shall continue at groundwater monitoring wells RD-12, RD-13, RD-15, and RD-16.
- Annual groundwater monitoring for hexavalent chromium shall continue at groundwater monitoring wells RD-2, RD-9, and RD-14.
- Biennial groundwater monitoring for PFAS shall continue at groundwater monitoring wells RD-2, RD-9, and RD-13. The next such event shall occur in Q3 2024.
- Per the NYSDEC electronic request of April 15, 2024 (refer to Exhibit 1), a Site Management Plan (SMP) in accordance with the current NYSDEC template is required to be prepared for the Site.
- At this time, the frequency of PRRs will remain unchanged (annual) and it is anticipated that the next PRR will be completed in April 2024.

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 CLOSING

This Periodic Review Report must be submitted to the NYSDEC Central Office and Regional Office in which the site is located (Region 8 – Avon, NY), and the NYSDOH Bureau of Environmental Exposure Investigation.

If you should have any questions regarding the information presented in this report, please do not hesitate to contact us directly at dbrantner@labellapc.com and dnoll@labellapc.com, and by telephone at (585) 454-6110.

Respectfully Submitted,

ABELLA ASSOCIATES, D.P.C.

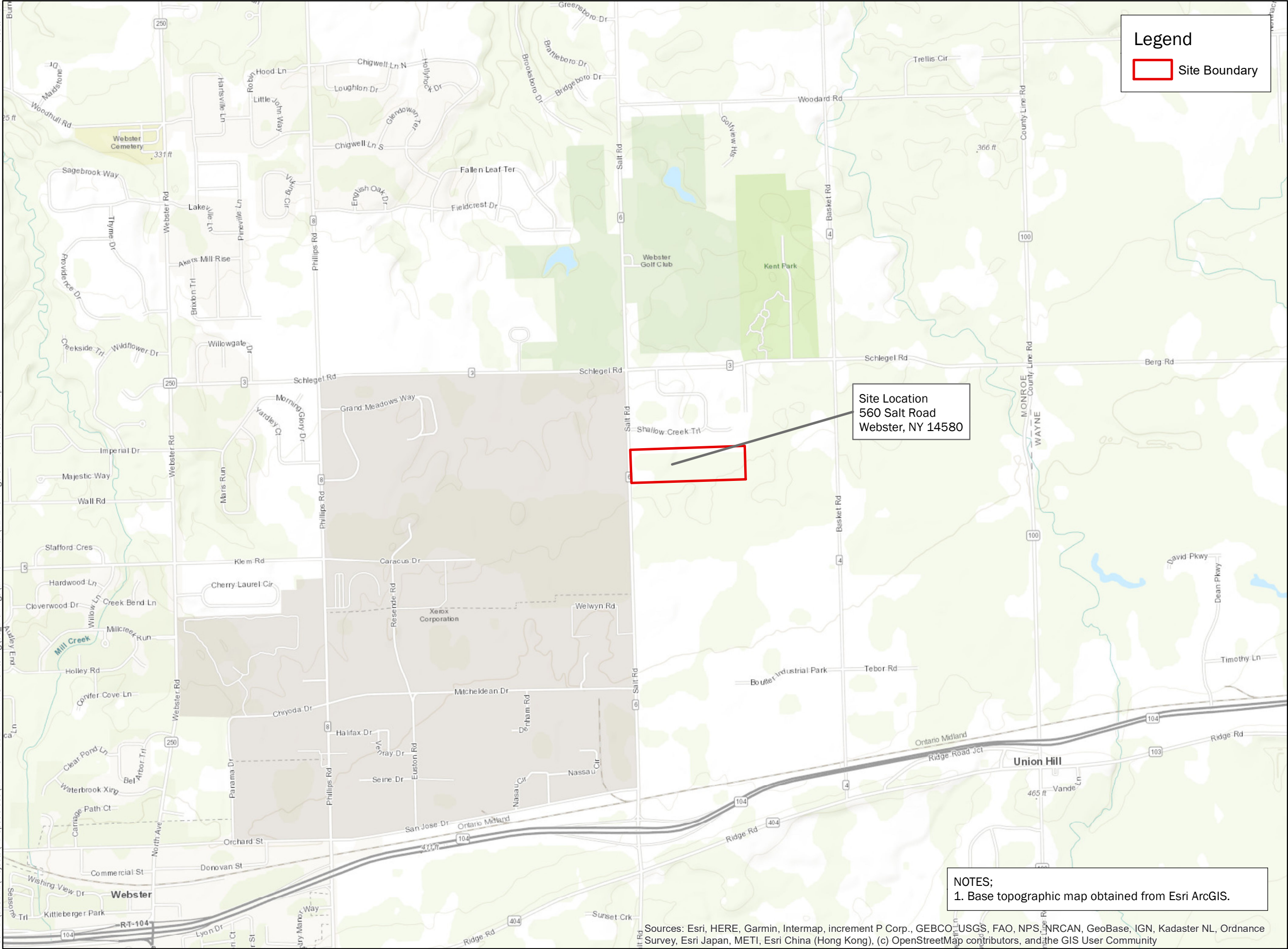


Drew Brantner
Project Manager

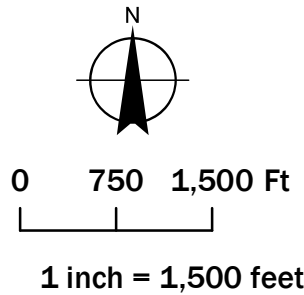


Dan P. Noll, PE
Vice President

FIGURES



**2024 PERIODIC
REVIEW REPORT**



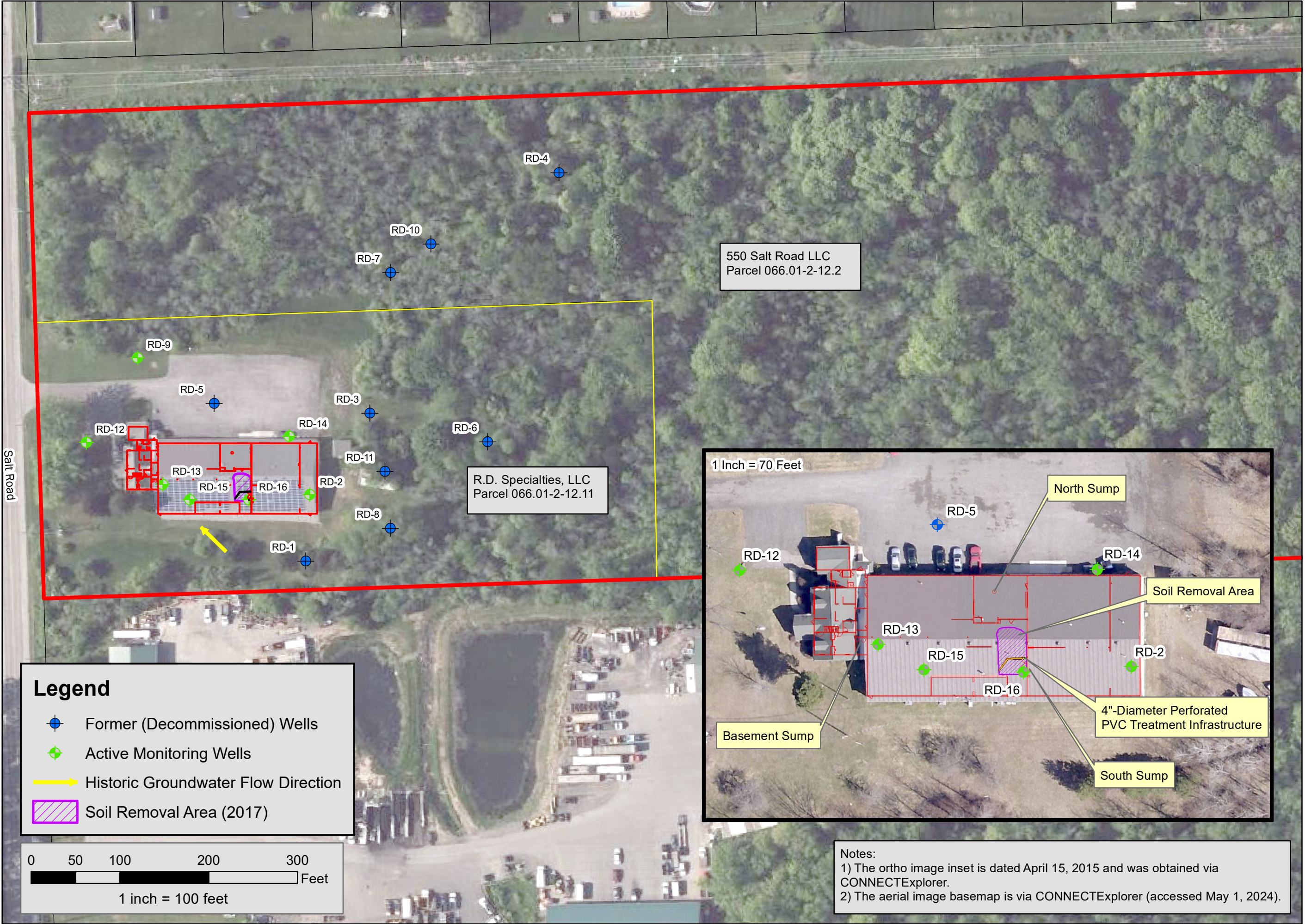
LaBella Project No: 2223572

Date: 5/2/2024

11" x 17"

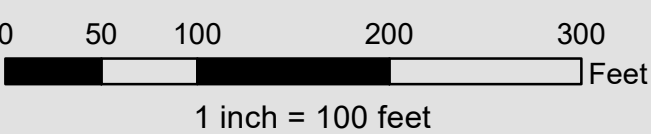
SITE LOCATION MAP

FIGURE 1



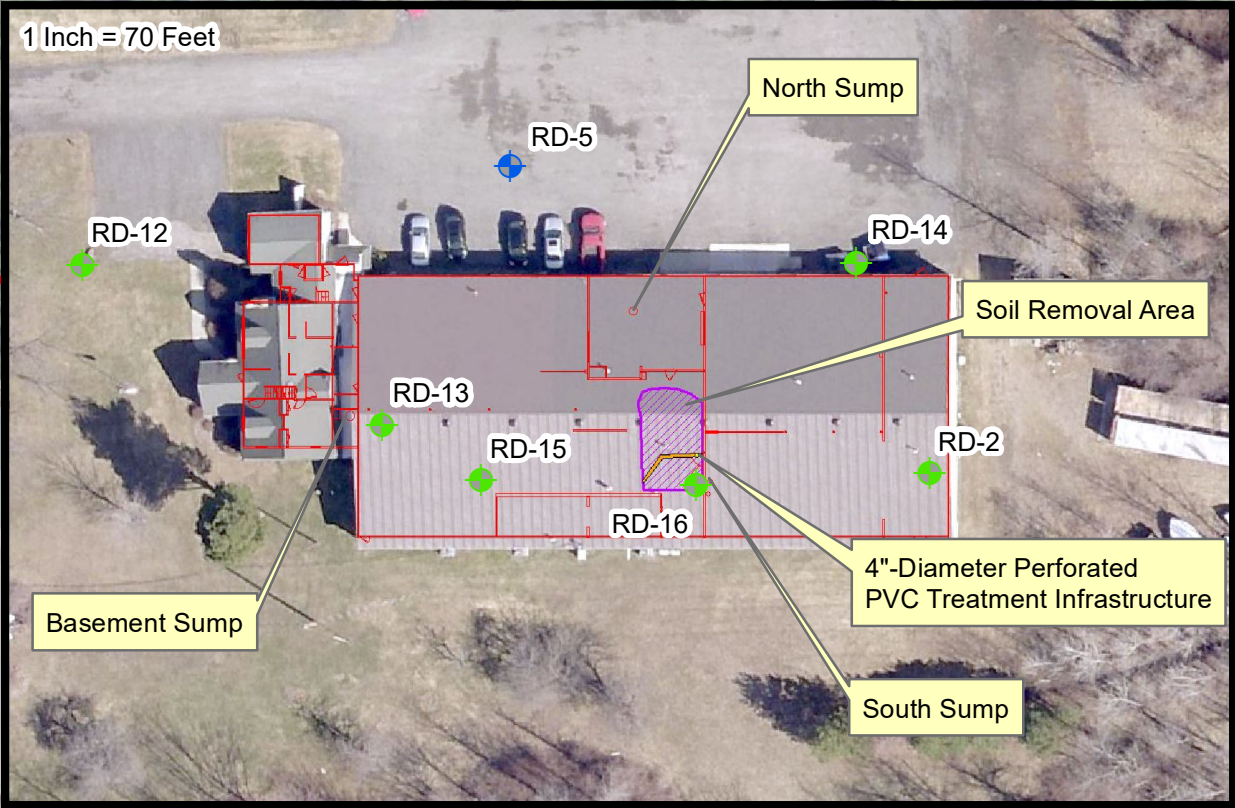
Legend

- Former (Decommissioned) Wells
- Active Monitoring Wells
- Historic Groundwater Flow Direction
- Soil Removal Area (2017)



550 Salt Road LLC
Parcel 066.01-2-12.2

R.D. Specialties, LLC
Parcel 066.01-2-12.11



Notes:
1) The ortho image inset is dated April 15, 2015 and was obtained via CONNECTExplorer.
2) The aerial image basemap is via CONNECTExplorer (accessed May 1, 2024).

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PROJECT/CLIENT
2024 Periodic Review Report

R.D. Specialties, Inc.
560 Salt Rd, Webster, NY
NYSDEC Site #828062

DRAWING TITLE
Monitoring Well Location Plan

ISSUED FOR	DESIGNED BY	DATE
	DRP/DOB	5/2/2024
	REVIEWED BY	

PROJECT/DRAWING NUMBER

2241434

FIGURE 2

TABLE

Table 1
Summary of Total Chromium Testing in Groundwater
RD Specialties, Inc. Site
2024 Periodic Review Report
LaBella Project No. 2241434

SAMPLING DATE	WELL ID											NORTH SUMP	SOUTH SUMP	Basement SUMP	Quarterly Flow (gal)
	RD2	RD4	RD5	RD8	RD9	RD10	RD12	RD13	RD14	RD15	RD16				
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
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

SAMPLING DATE	WELL ID											NORTH SUMP	SOUTH SUMP	Basement SUMP	Quarterly Flow (gal)
	RD2	RD4	RD5	RD8	RD9	RD10	RD12	RD13	RD14	RD15	RD16				
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	0.0132	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	0.0296	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			N/A
02/20/19							0.77	3.78		8.4	1.79	1.03			N/A
05/24/19	0.03		0.26		0.02		0.17	2.04	0.03	4.8	1.67	0.14			N/A
09/23/19	0.01		0.02		0.01		0.23	4.00	0.03	3.7	0.145			1.82	N/A
11/22/19							0.27	3.23		6.0	0.752	0.386			N/A
02/19/20							0.23	2.47		4.2	0.795	0.078			N/A
06/23/20	0.01		0.11		0.03		0.68	3.06	0.02	4.4	dry	dry			N/A
08/26/20							0.55	3.62		4.1	8.87	dry			N/A
11/18/20							0.34	2.55		3.7	1.46	0.110			N/A
02/24/21							0.29	2.21		3.7	0.78	0.110			N/A
05/26/21	0.0354		0.313		0.0508		0.215	1.52	0.0367	3.12	1.93	0.186			N/A
08/25/21							0.299	2.03		2.71	0.391	1.22			N/A
11/22/21							0.264	1.31		2.58	0.683	0.0176			N/A
02/16/22							0.185	1.54		2.50	0.383	0.901			N/A
05/25/22	0.1590		0.490		0.0223		0.179	1.44	0.0425	2.63	0.615	0.257			N/A
08/29/22							0.590	2.07		2.55	5.59				N/A
11/28/22							0.690	1.99		3.36	0.697				N/A
02/24/23							0.240	1.13		3.03	0.569				N/A
05/24/23	0.2850				0.0254		0.196	1.53	0.0425	2.28	0.498				N/A
08/28/23							0.277	1.66		2.46	0.617				N/A
11/27/23							0.284	1.80		3.17	0.526				N/A
02/23/24							0.188	1.50		2.31	0.407				N/A

All concentrations are reported in milligrams per Liter (mg/L), equal to parts per million (ppm)

*Treatment system suspended in 2017 with permission of NYSDEC

Blue text - New data subject of the current PRR

EXHIBIT 1

E-mail from NYSDEC (April 15, 2024)

Brantner, Drew

From: Ramsey, Joshua J (DEC) <Joshua.Ramsey@dec.ny.gov>
Sent: Monday, April 15, 2024 4:02 PM
To: Brantner, Drew
Cc: pkrasucki@rdspecialties.com; Theobald, Charlotte B (DEC)
Subject: RE: [Ext] Site No.: 828062 - Reminder Notice: Site Management PRR and IC/EC Certification Submittal

Follow Up Flag: Follow up
Flag Status: Completed

Hi Drew,

The Department's Registry has the Site's acreage at 24.9 acres and the deed restriction describes the site being 24.9 acres in size. If you choose to change the Site's acreage, the requirements to petition for boundary modification must follow Part 375, section 2.7(f).

With respect to the Site not having a formal Site Management Plan (SMP) and as indicated in the 2019 PRR Item #2 in Section 6.0, the Department is requesting the development of a SMP using the Department's current SMP template.

-Joshua Ramsey

From: Brantner, Drew <dbrantner@LaBellaPC.com>
Sent: Tuesday, February 27, 2024 3:08 PM
To: Ramsey, Joshua J (DEC) <Joshua.Ramsey@dec.ny.gov>
Cc: pkrasucki@rdspecialties.com
Subject: RE: [Ext] Site No.: 828062 - Reminder Notice: Site Management PRR and IC/EC Certification Submittal

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello Josh,

Thanks for sending along the reminder and certification form. However, there is one item that we've been trying to address for a couple of years and are hoping you could give a final determination on. That is the site boundary/acreage. In the last 2 PRRs we've outlined an explanation of the Site Boundary as being 5.08 acres (parcel 066.01-2-12.11). It would appear that the DEC concurs with this boundary, as the last couple of PRRs have been accepted and the ~5.08 acre site is outlined on the DEC InfoLocator site. Additionally, the site description begins with "The 5.08-acre site..." even while still listing 24.9 acres above (see below screengrab and this link: <https://extapps.dec.ny.gov/cfm/extapps/derexternal/haz/details.cfm?ProgNo=828062>)

DEC Region: 8
Address: 560 Salt Road
City: Webster **Zip:** 14580
County: Monroe
Latitude: 43.23786738
Longitude: -77.39881347
Site Type: STRUCTURE
Estimated Size: 24.9 Acres

Site Owner(s) and Operator(s)

Current Owner Name: R.D. Specialties
Current Owner(s) Address: 560 Salt Road
Webster, NY, 14580

Hazardous Waste Disposal Period

From: 1966 **To:** 1985

Site Description

Location: This 5.08-acre site is located in a rural setting on Salt Road in the Town of Webster. The site is a manufacturing building attached to a former residential home converted to office space. Current Zoning and roads used in various coating operations. Chrome plating of the finished product is part of the manufacturing site was a residential property. RD Specialties completed a RI/FS in 1991. A site cleanup consisting of excavation completed in 1992. RD Specialties collected and treated chromium contaminated groundwater until 2017. In roadside drainage ditch. Contaminated water and sediment were removed from the drainage ditch during the monitoring continues. Site Geology and Hydrogeology: On-site soils consist of fine to medium sand and silt below ground surface across the site. Groundwater flows generally to the north. The area is served by public

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
chromium
wastes

Can you confirm and send a certification form with the corrected acreage (5.08 acre)?

Thank you!

Drew Brantner

LaBella Associates | Project Manager



585-287-9089 office
607-280-2628 cell
300 State Street, Suite 201
Rochester, NY 14614
labellapc.com

From: Wittemeyer, Danielle M (DEC) <Danielle.Wittemeyer@dec.ny.gov>
Sent: Tuesday, February 27, 2024 8:54 AM
To: pkrasucki@rdspecialties.com
Cc: Ramsey, Joshua J (DEC) <Joshua.Ramsey@dec.ny.gov>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Brantner, Drew <dbrantner@LaBellaPC.com>
Subject: [Ext] Site No.: 828062 - Reminder Notice: Site Management PRR and IC/EC Certification Submittal

Good Morning,

Please find attached an electronic copy of a Periodic Review Report Reminder Notice for the subject site. A hard copy will **not** follow in the mail.

All inquiries and concerns should be directed to the DEC Project Manager, indicated on the ec. list on the second page of the attached correspondence.

Thanks,

Danielle Wittemeyer
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233
Email: danielle.wittemeyer@dec.ny.gov

www.dec.ny.gov |  |  | 



Department of
Environmental
Conservation



CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

APPENDIX 1

IC/EC Certification Form



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 11, 2023 to April 11, 2024

YES NO

1. Is the information above correct? ☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? ☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐ ☒

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

5. Is the site currently undergoing development? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? ☒ ☐

7. Are all ICs in place and functioning as designed? ☒ ☐

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

RD Specialties

Ground Water Use Restriction

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

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 Engineering Control 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 complete.

YES NO



2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The 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

(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 N/A



**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 at 560 Salt Road, Webster, New York 14580,
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

DocuSigned by:

Peter Krasucki5/6/2024

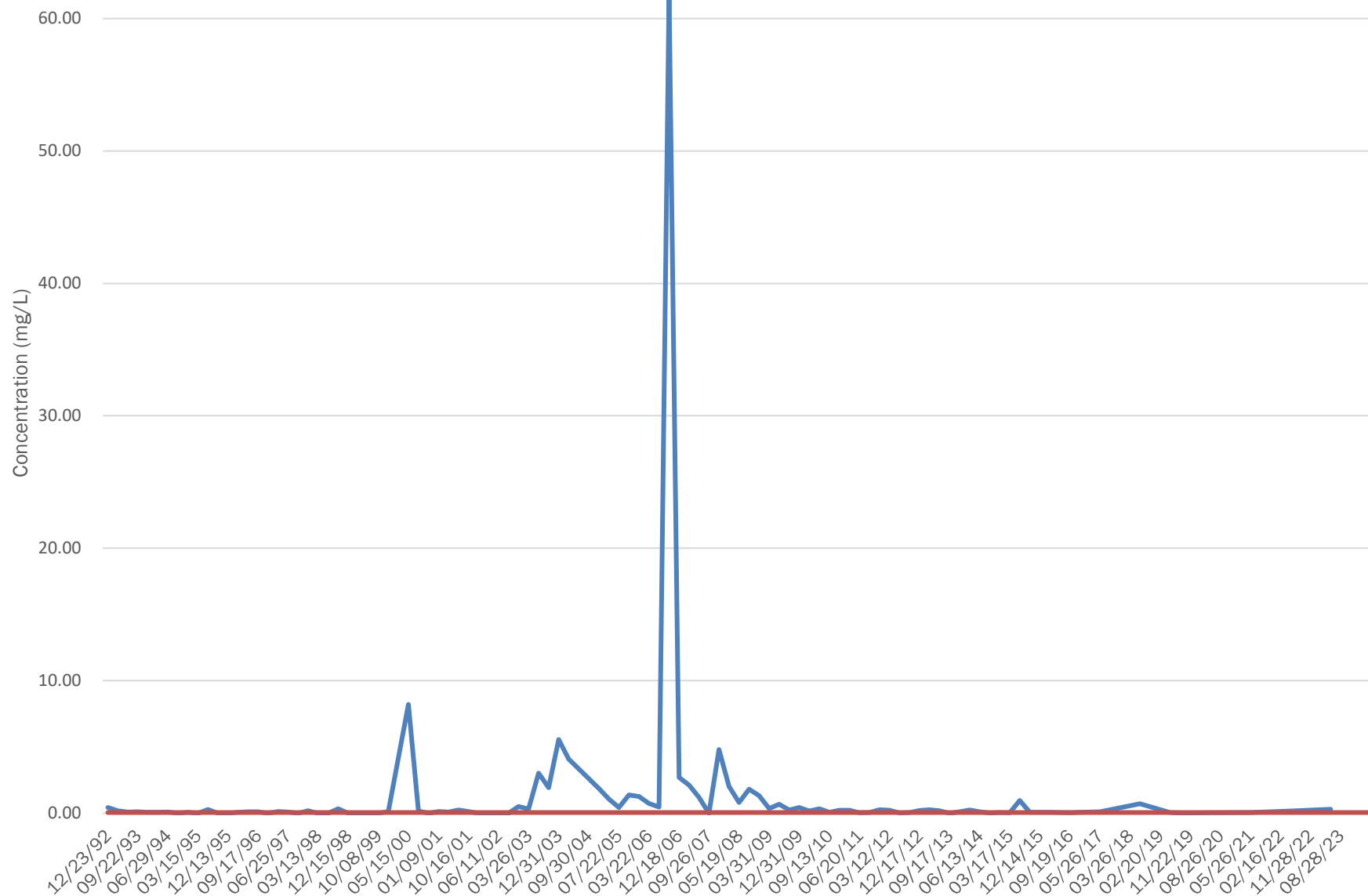
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

Date

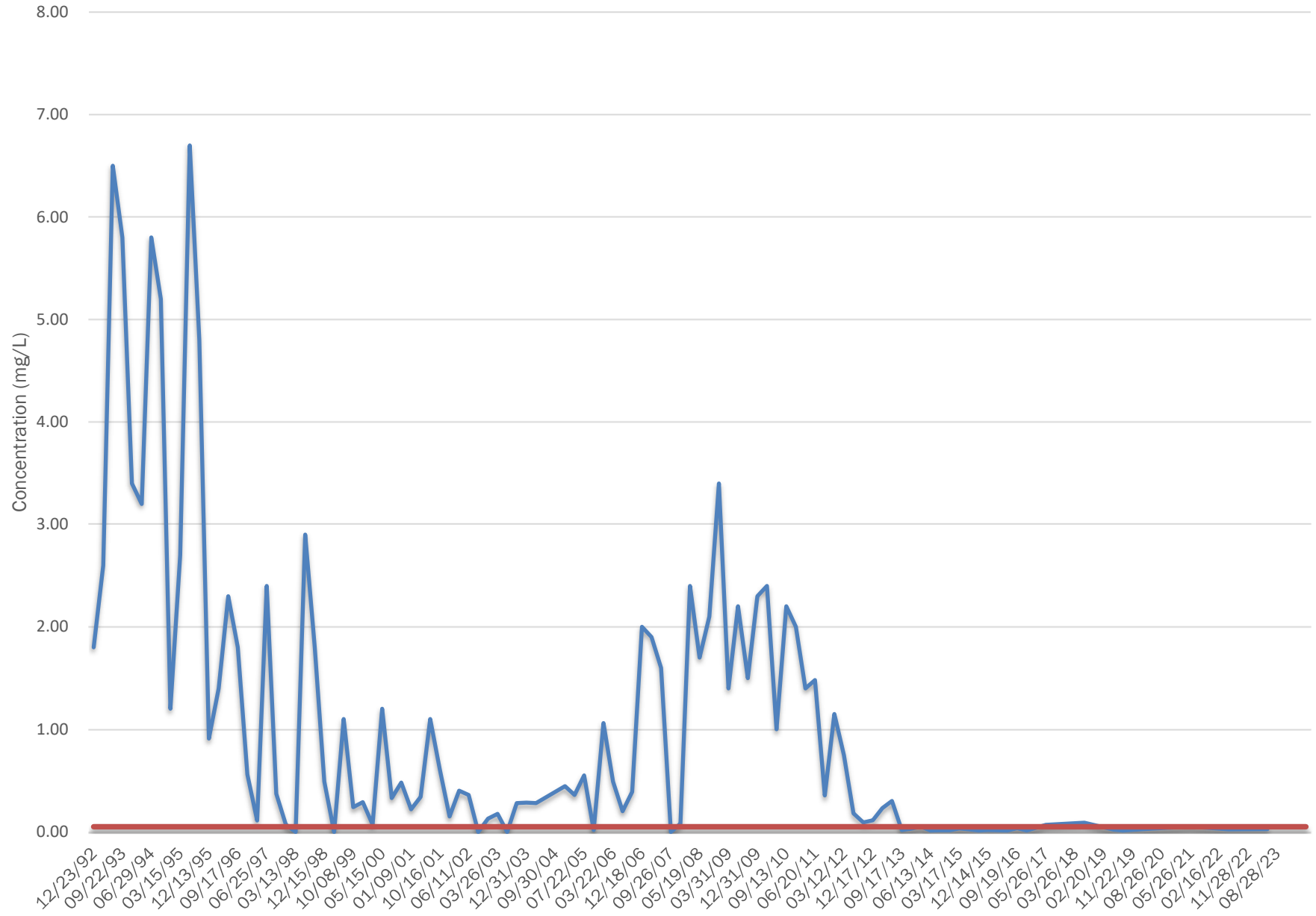
APPENDIX 2

Chromium Concentrations in Groundwater over Time

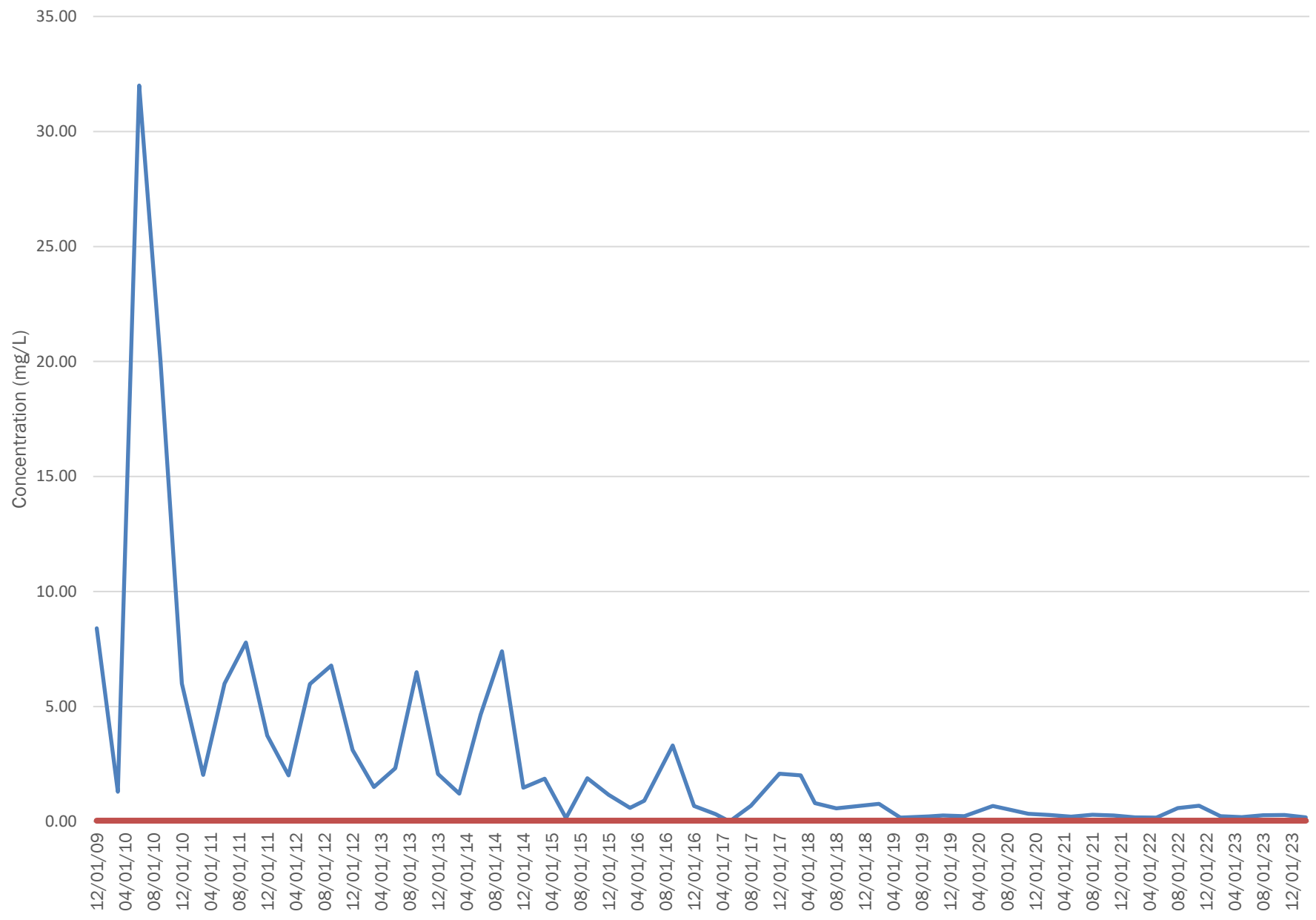
RD-2



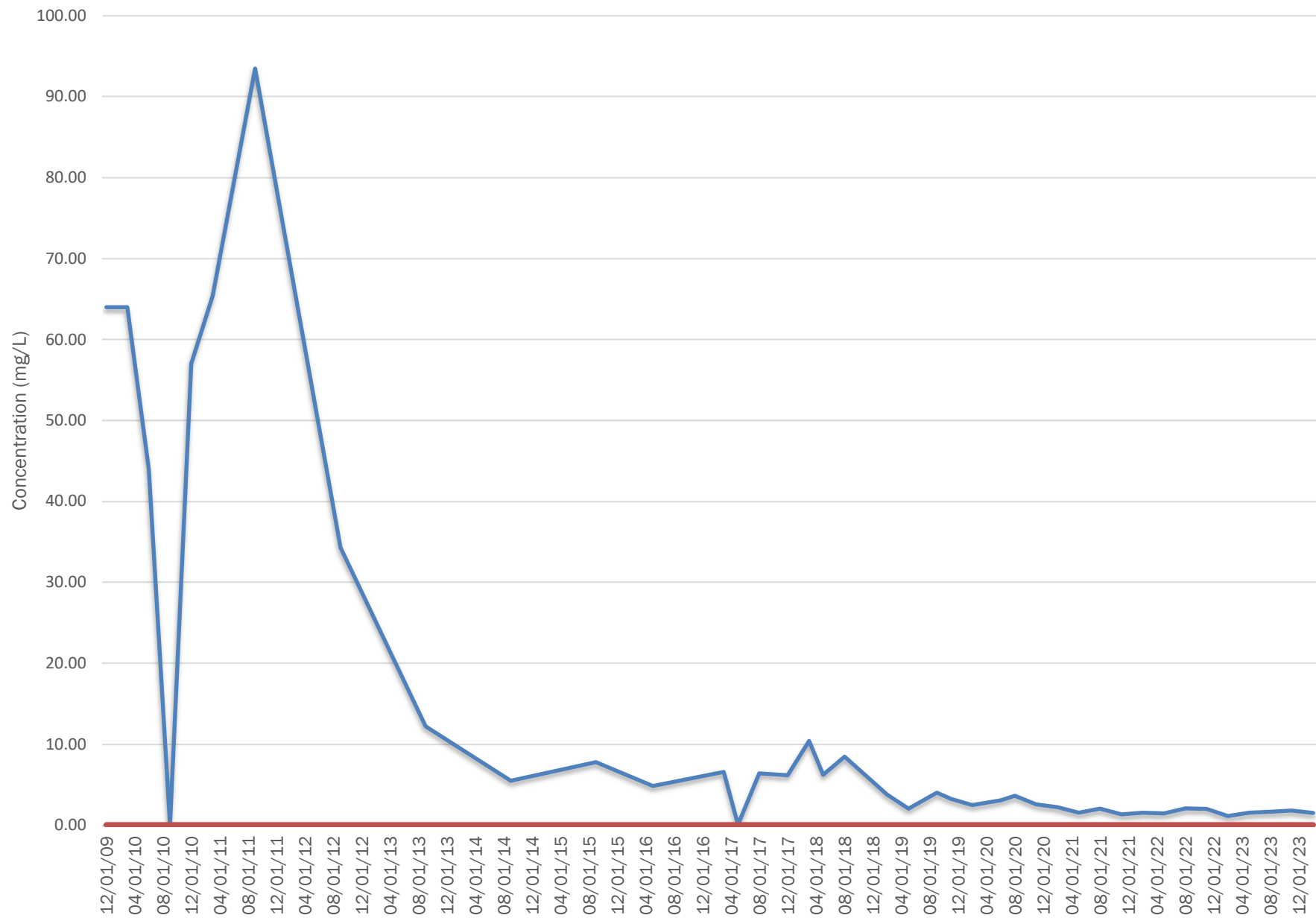
RD-9



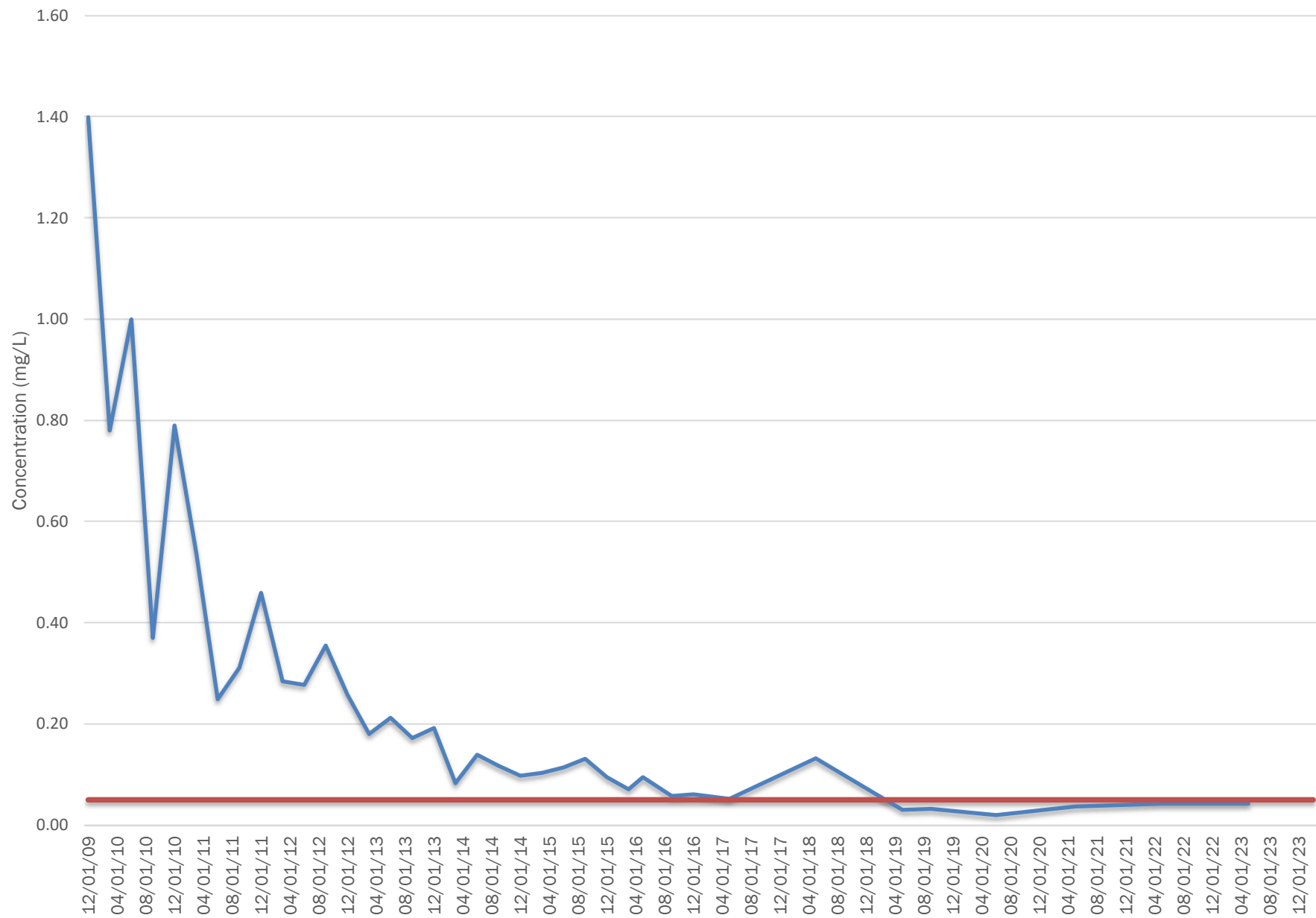
RD-12



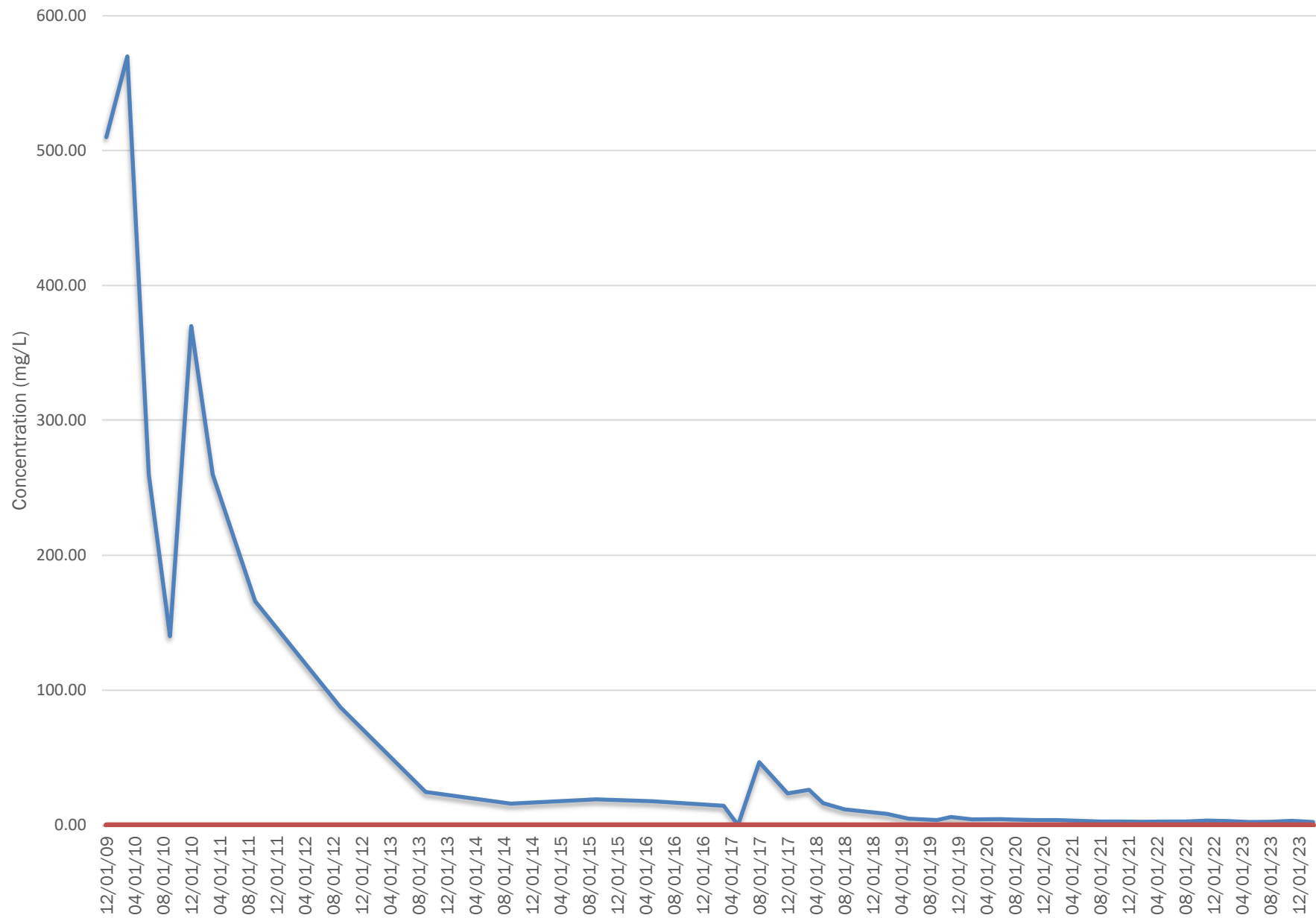
RD-13



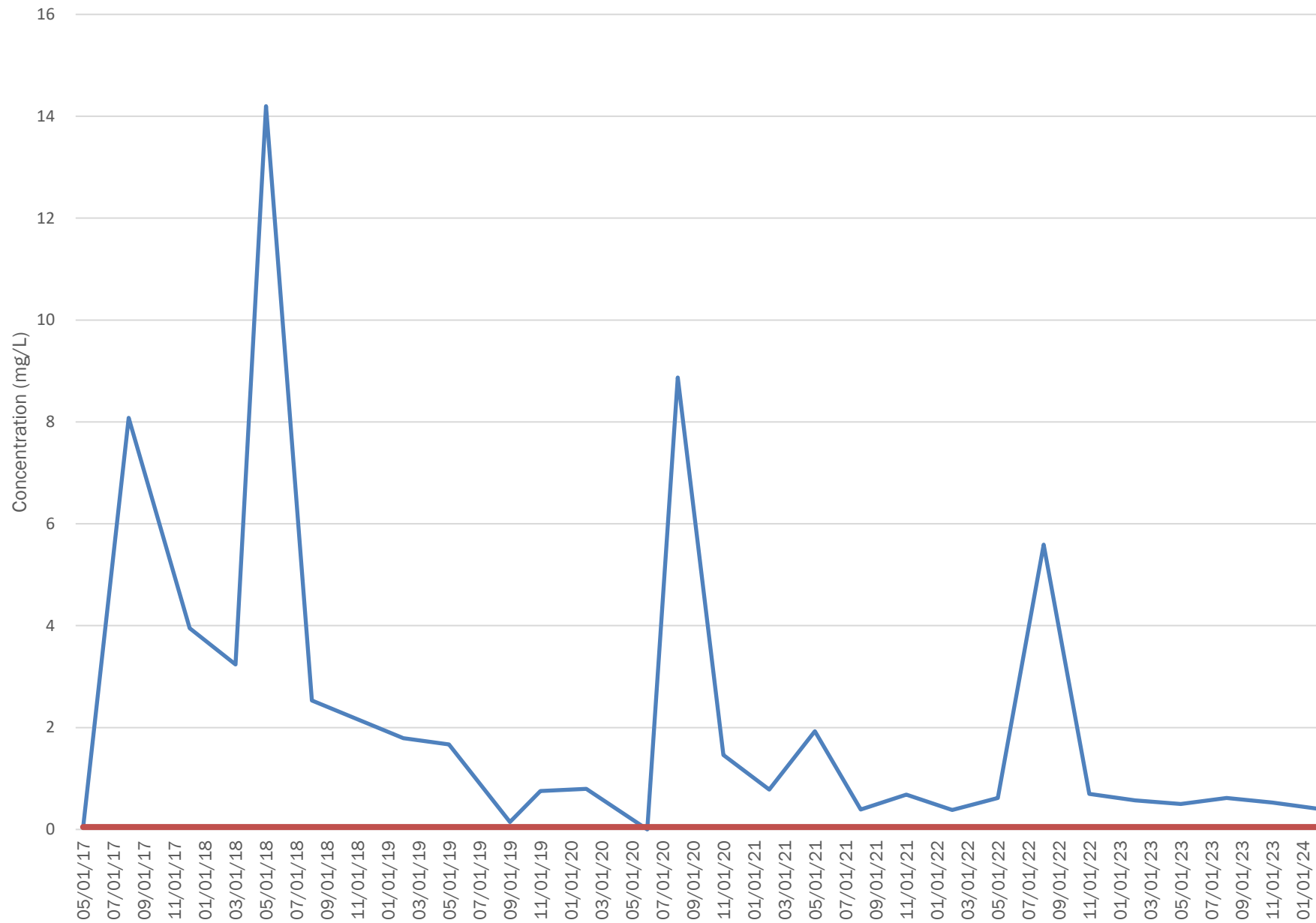
RD-14



RD-15

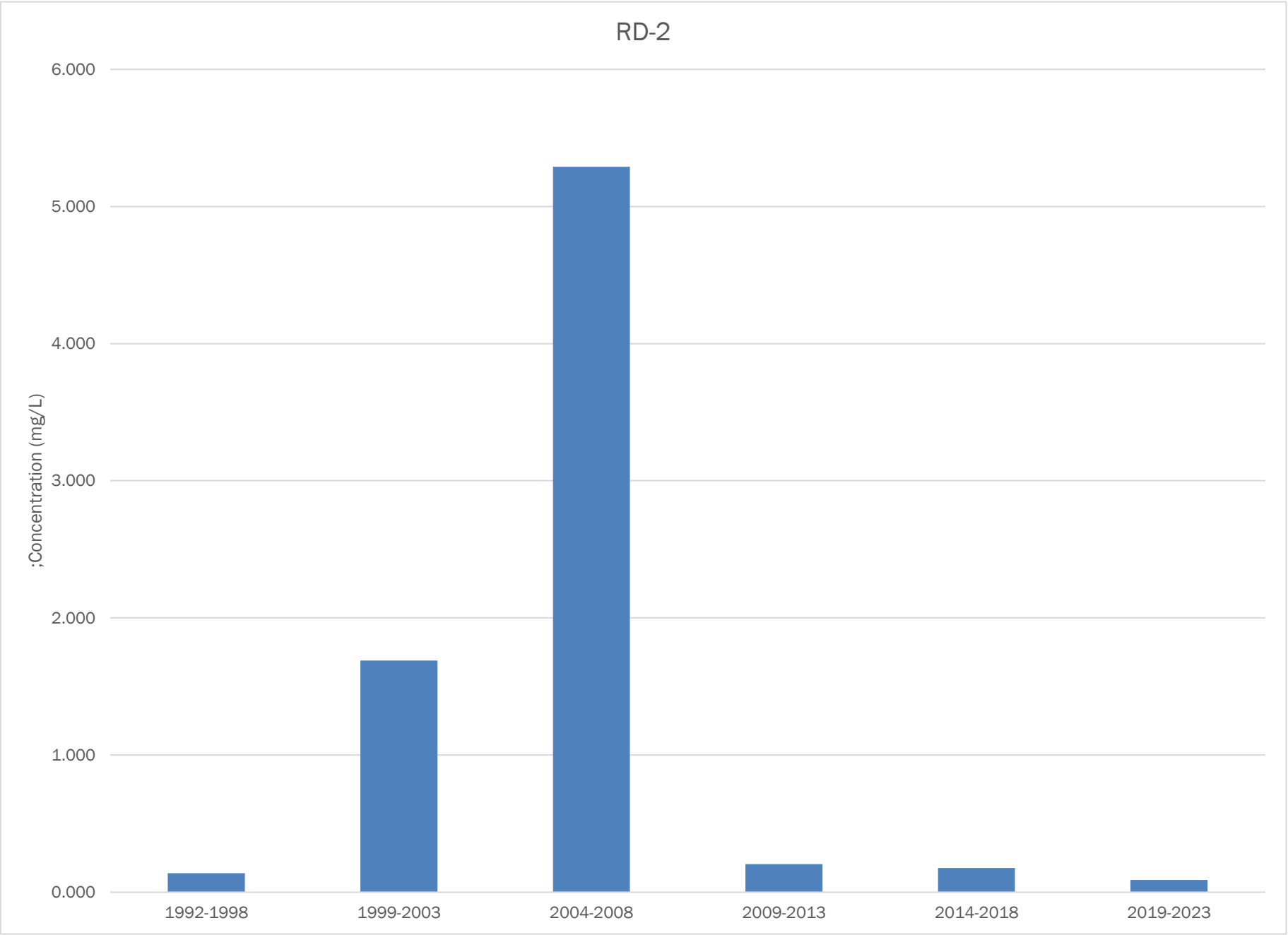


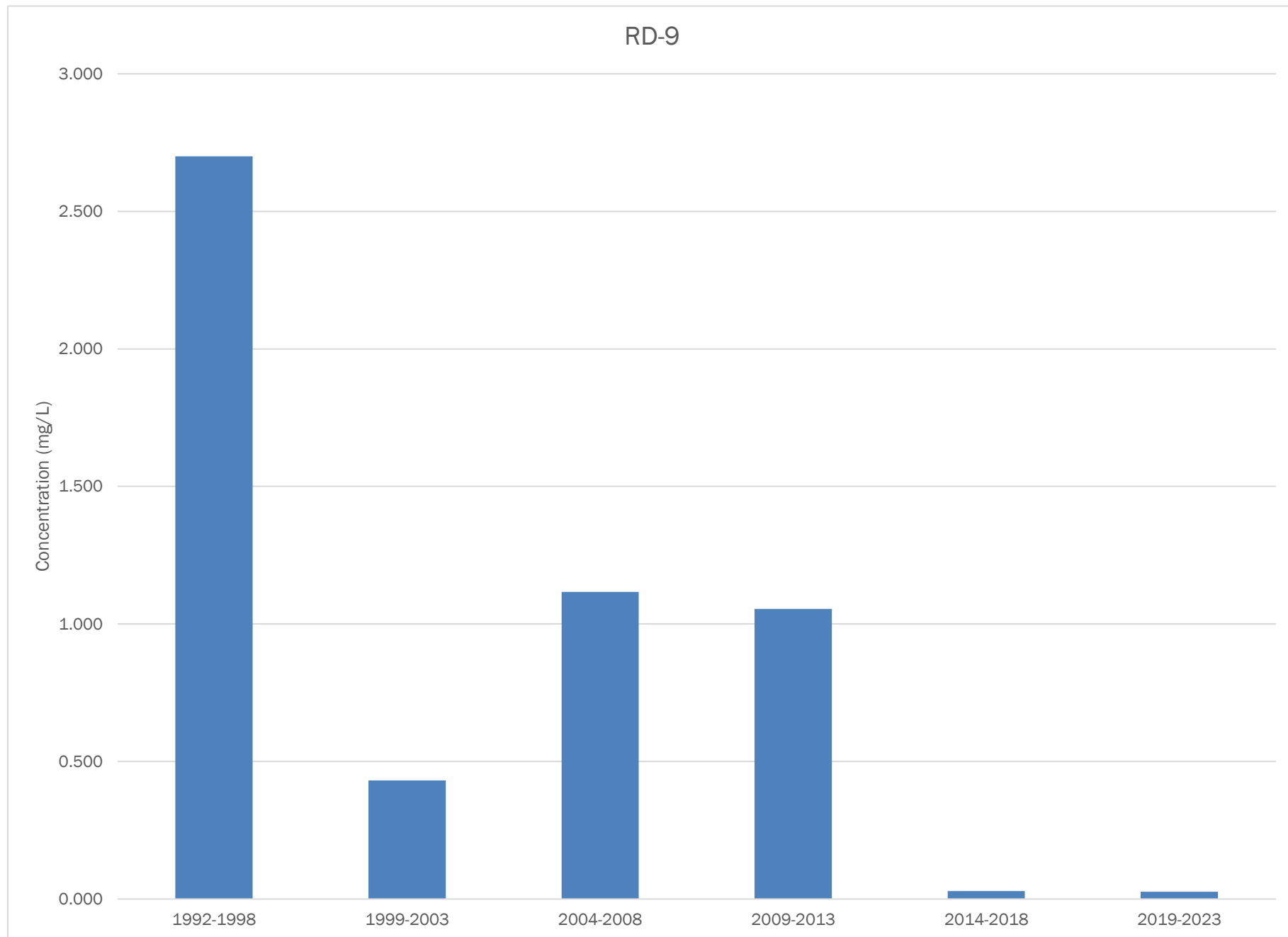
RD-16



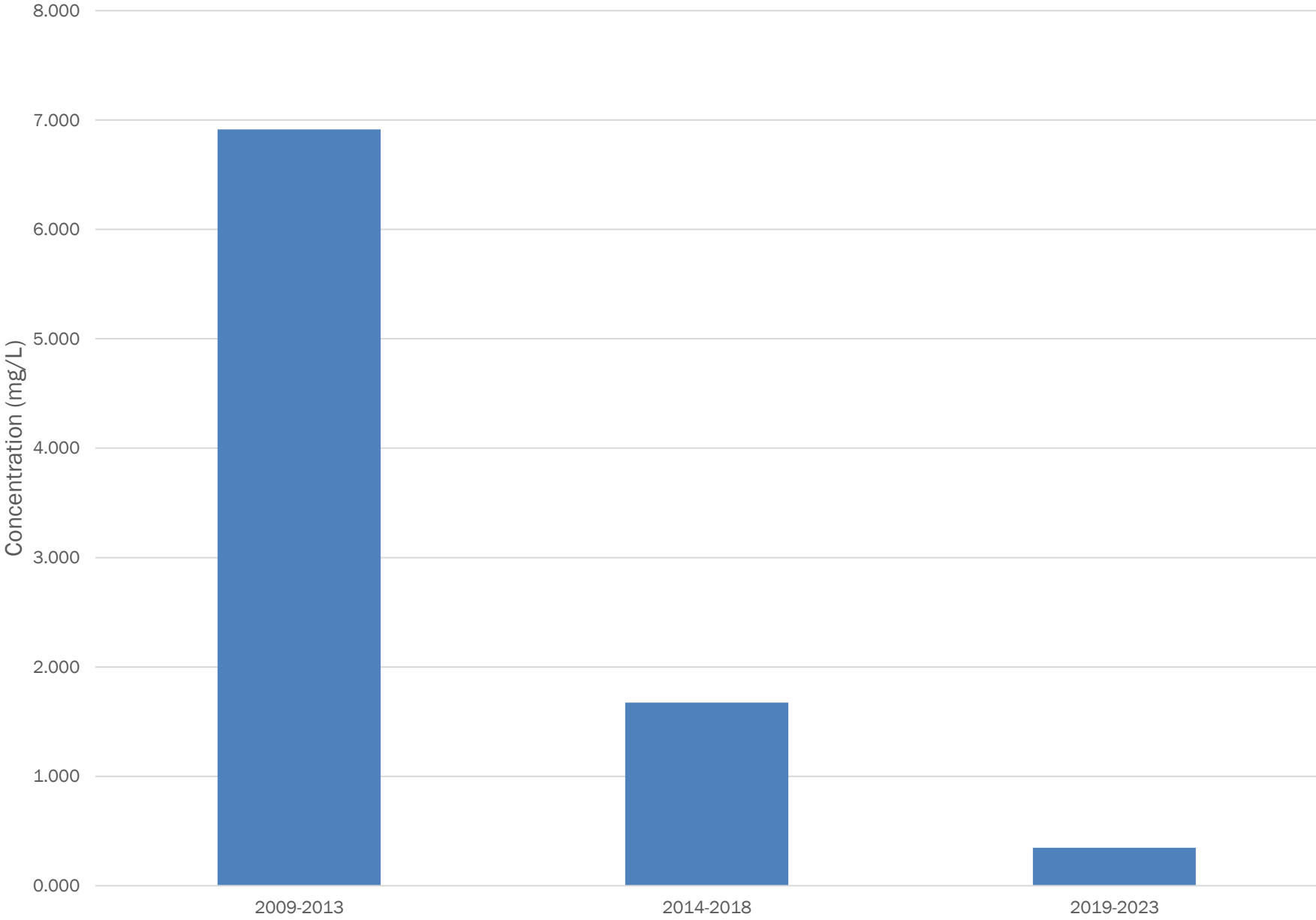
APPENDIX 3

5-Yr Average Concentrations of Chromium in Groundwater

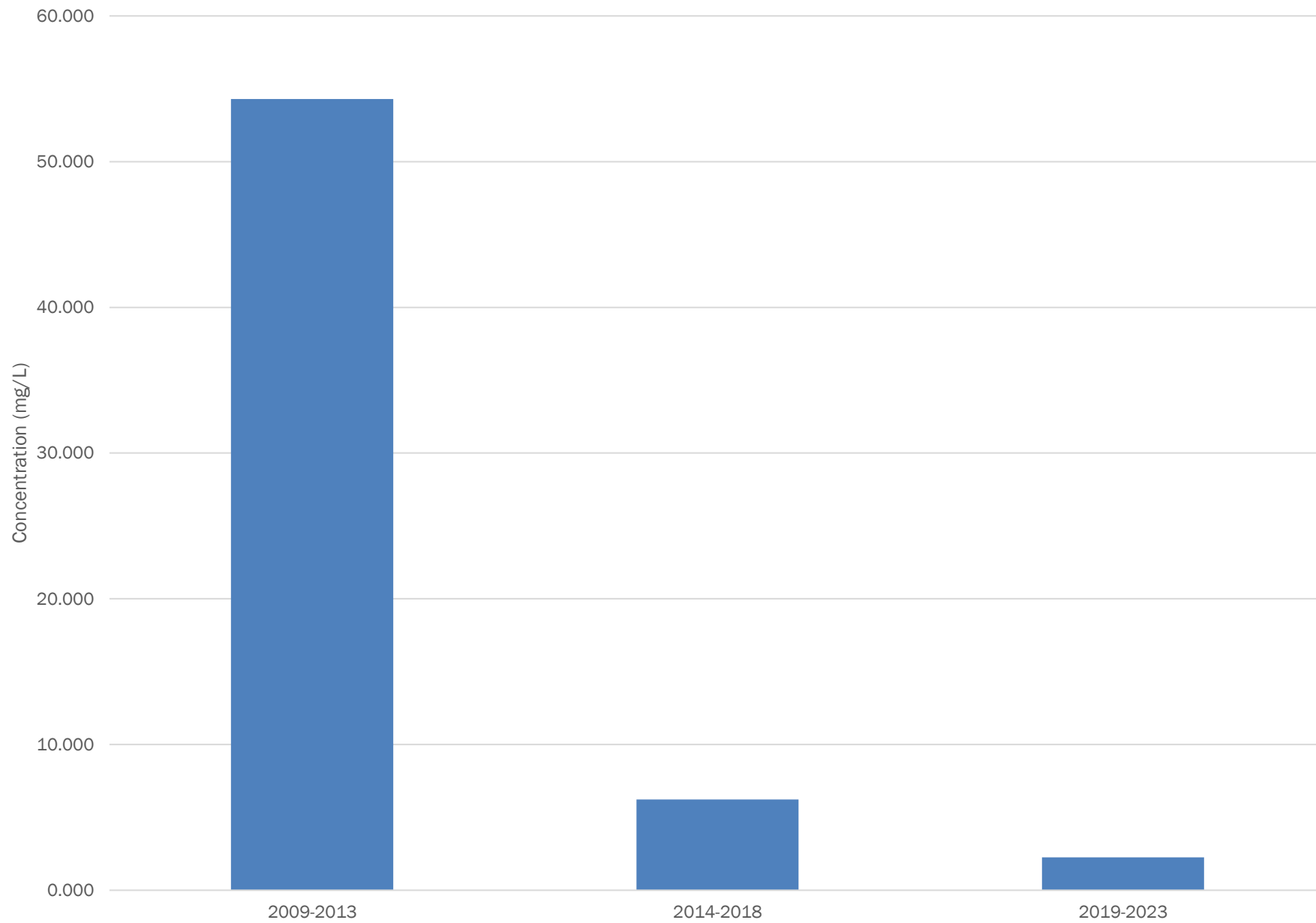




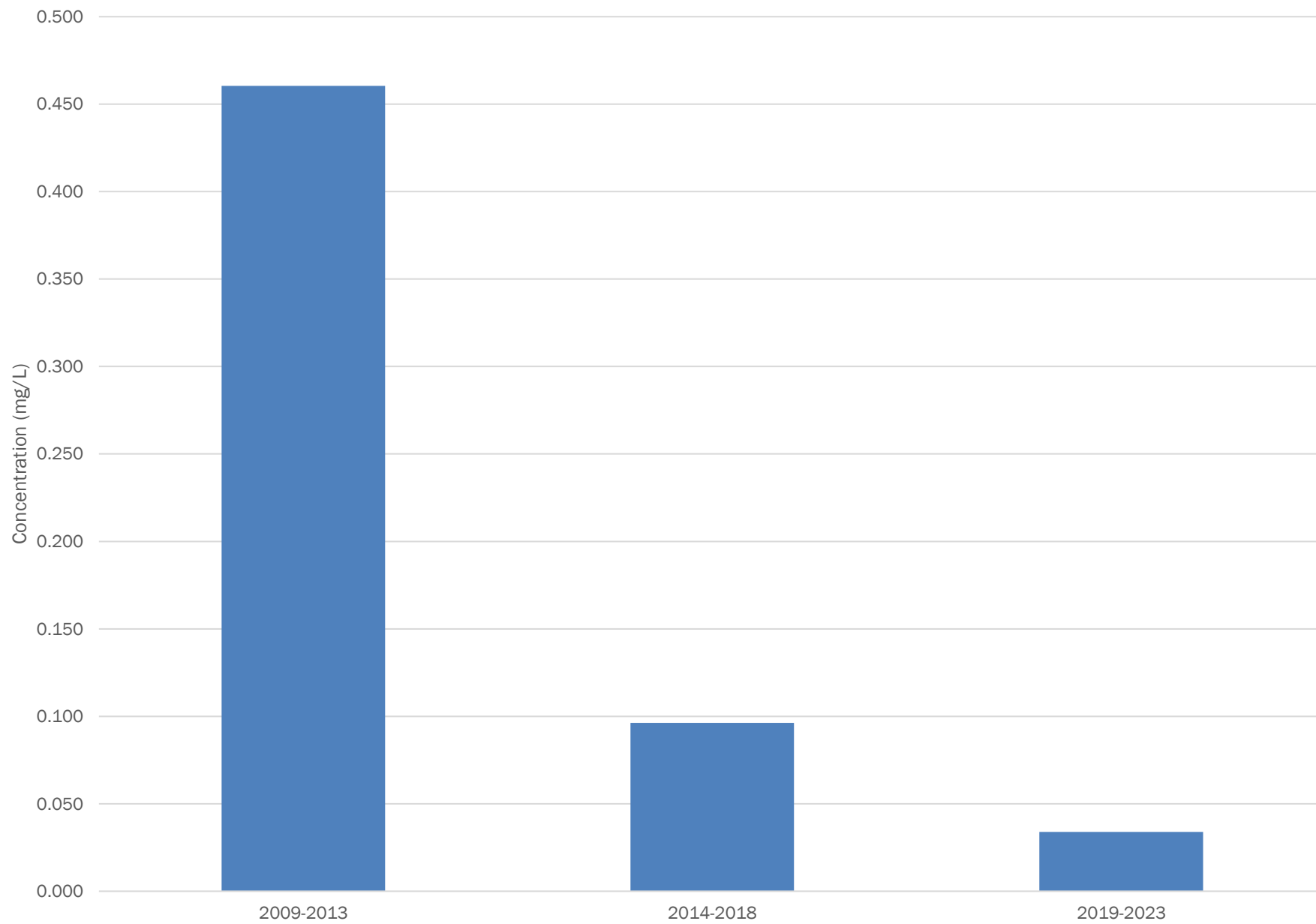
RD-12



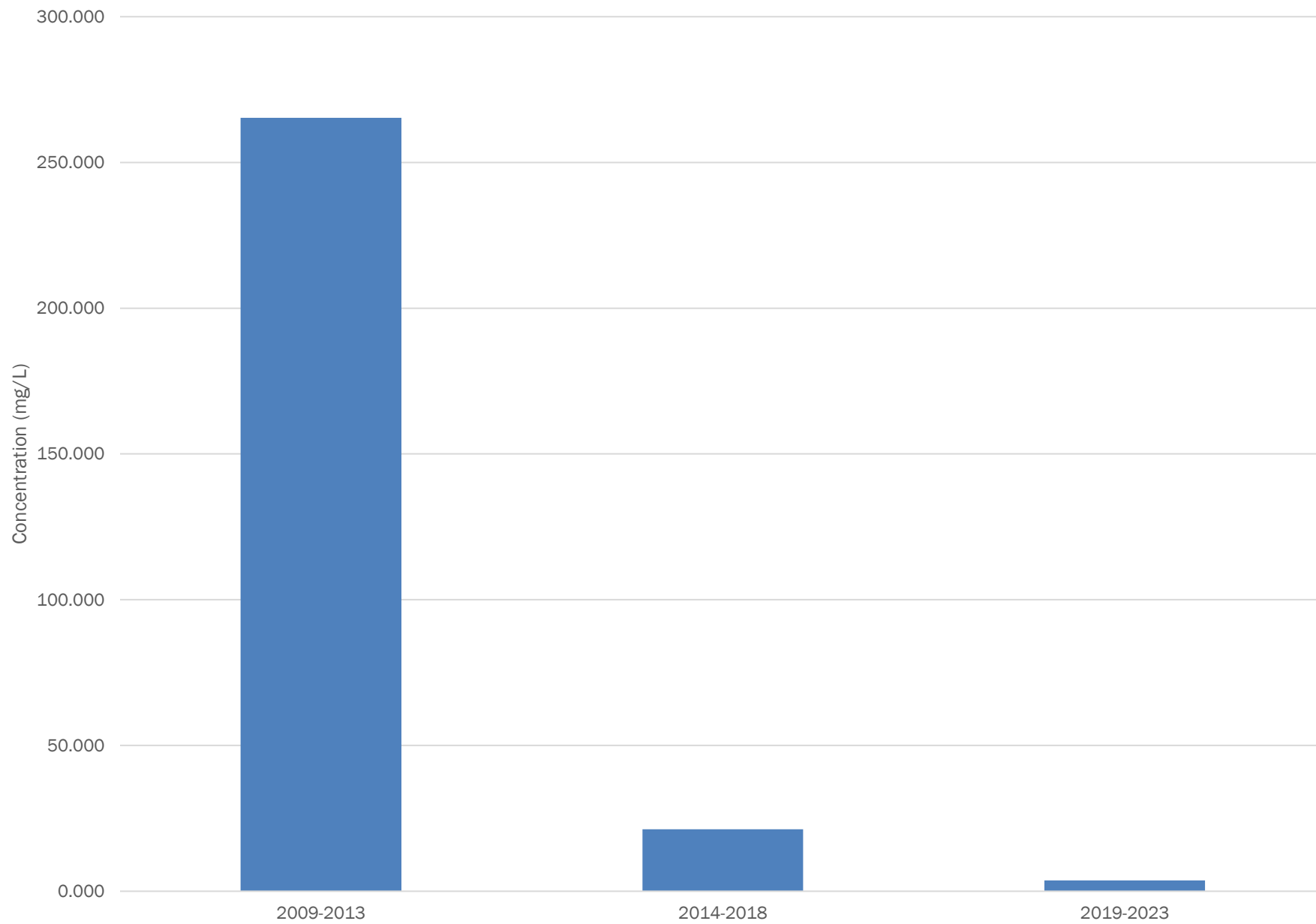
RD-13



RD-14



RD-15



APPENDIX 4

Laboratory Reports (Including Groundwater Sampling Logs)



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
R.D. Specialties, Inc.

For Lab Project ID

232204

Referencing

2nd Quarter Groundwater Monitoring

Prepared

Wednesday, May 31, 2023

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

A handwritten signature in cursive script that reads "Emily Farmer". The signature is written in dark ink and is positioned above a horizontal line.

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.

Report Prepared Wednesday, May 31, 2023

Page 1 of 19



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD2

Lab Sample ID: 232204-01

Date Sampled: 5/24/2023 11:40

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.285	mg/L		5/31/2023 09:15
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD9

Lab Sample ID: 232204-02

Date Sampled: 5/24/2023 10:01

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.0254	mg/L		5/31/2023 09:18
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD12

Lab Sample ID: 232204-03

Date Sampled: 5/24/2023 9:56

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.196	mg/L		5/31/2023 09:21
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			

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Report Prepared Wednesday, May 31, 2023

Page 4 of 19



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD13

Lab Sample ID: 232204-04

Date Sampled: 5/24/2023 11:58

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	1.53	mg/L		5/31/2023 09:24
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD14

Lab Sample ID: 232204-05

Date Sampled: 5/24/2023 10:08

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.0425	mg/L		5/31/2023 09:27
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD15

Lab Sample ID: 232204-06

Date Sampled: 5/24/2023 11:50

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	2.28	mg/L		5/31/2023 09:30
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			



Lab Project ID: 232204

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

Project Reference: 2nd Quarter Groundwater Monitoring

Sample Identifier: 2023Q2RD16

Lab Sample ID: 232204-07

Date Sampled: 5/24/2023 11:44

Matrix: Groundwater

Date Received 5/24/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.498	mg/L		5/31/2023 09:33
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	5/30/2023			
Data File:	230531A			



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.

"H" = Denotes a parameter analyzed outside of holding time.

"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.

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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 will 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.

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.

CHAIN OF CUSTODY**REPORT TO:****INVOICE TO:**

PARADIGM
LABORATORY SERVICES, INC.

COMPANY: **R.D. Specialties Inc**
ADDRESS: **560 Salt Road, P.O. Box 206**
CITY: **Webster** STATE: **NY** ZIP: **14580**
PHONE: **585-265-0220** FAX: _____

COMPANY: **SAME**
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
PHONE: _____ FAX: _____

LAB PROJECT ID

Quotation #:

232204

Email:

Pkrasucki@rdspecialties.com

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
PI - Paint

WP - Wipe
CK - Caulk

OL - Oil
AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MACTDRES	NO. OF SAMPLES	Total Chromium (ppm)	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/24/2013	1140	X		2023Q2RD2	GW	1	X		-01
5/24/2013	1001	X		2023Q2RD9	GW	1	X		-02
5/24/2013	0956	X		2023Q2RD12	GW	1	X		-03
5/24/2013	1158	X		2023Q2RD13	GW	1	X		-04
5/24/2013	1008	X		2023Q2RD14	GW	1	X		-05
5/24/2013	1150	X		2023Q2RD15	GW	1	X		-06
5/24/2013	1144	X		2023Q2RD16	GW	1	X		-07

Turnaround Time**Report Supplements**

Availability contingent upon lab approval; additional fees may apply.

Standard 5 day

☒

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:

Sampled By: *Dee Weir* Date/Time: *5/24/2013 1522*

Total Cost:

Relinquished By: *Dee Weir* Date/Time: *5/24/2013 1519*

Received By:

Date/Time:

P.L.F.

Received @ Lab By: *Dee Weir* Date/Time: *5/24/2013 1522*

701 in field 5/24/13 1536

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

Client: **R.D. Specialties Inc.**
 Location: **560 Salt Rd Webster Ny 14580**

Date: **5/24/2023**
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: **RD-2**

Weather: Sunny & windy, 65°F

Time In: 1045 Time Out: 1140

WELL INFORMATION

(record from top of inner casing at minimum)

check where appropriate

		TIC	TOC	BGS
Well Depth	(feet)	<u>9' 2"</u>		
Depth to Water Table	(feet)	<u>2' 2"</u>		

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:	(feet)	<u>9' 7" 0"</u>
Decimal		<u>7.0</u>
Target Volume Purged	(gal)	<u>3.36 gal</u>
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 foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.094	<u>0.16</u>	0.66	1.5
1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.				

$$\begin{array}{r}
 7.0 \\
 \times 0.16 \\
 \hline
 1.12 \\
 \times 3 \\
 \hline
 3.36 \text{ Target Gallons}
 \end{array}$$

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Other Pump ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type: _____

Time	1	2	3	4	5	6	7	8	9
Parameter	<u>1045</u> Initial	<u>1048</u> Purge	<u>1140</u> Grab @						
Volume Purged (gal)		<u>1.5 gal</u>							
Depth to Water (in. TIC)			<u>2' 2"</u>						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O! Color of water went from clear to rusty
No odor

Client: **R.D. Specialties Inc.**
 Location: **560 Salt Rd Webster Ny 14580**

Date: **5/24/2023**
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: **RD-9**

Weather: Sunny, windy, 64°F

Time In: 0923

Time Out: 1001

WELL INFORMATION

(record from top of inner casing at minimum)

check where appropriate

		TIC	TOC	BGS
Well Depth	(feet)	<u>10' 0"</u>		
Depth to Water Table	(feet)	<u>6' 1"</u>		

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:	(feet)	<u>3' 11"</u>
Decimal		<u>3.917</u>
Target Volume Purged	(gal)	
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 foot	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.

3.917

x 0.16

0.627

x 3

1.881 gal Target

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Other Pump ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type: _____

Time	1	2	3	4	5	6	7	8	9
Parameter	<u>0923</u> Initial	<u>0926</u> Purge	<u>1001</u> Grab @						
Volume Purged (gal)		<u>1 gal</u>							
Depth to Water (in. TIC)			<u>6' 1"</u>						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O - color - clear to rusty brown
 color - ODOR - sulfur smell
SM

Client: **R.D. Specialties Inc.**
 Location: **560 Salt Rd Webster Ny 14580**

Date: **5/24/2023**
Groundwater Monitoring Event

**Paradigm Environmental
 GROUND-WATER SAMPLING LOG**

Sampling Personnel: Joe F./Joe M.

Well ID: **RD-12**

Weather: Sunny, windy, 64°F

Time In: 0910

Time Out: 0956

WELL INFORMATION

(record from top of inner casing at minimum)

check where appropriate

		TIC	TOC	BGS
Well Depth	(feet)	<u>10' 1"</u>		
Depth to Water Table	(feet)	<u>5' 6"</u>		

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:	(feet)	<u>4' 7"</u>
Decimal		<u>4.583</u>
Target Volume Purged	(gal)	<u>2.199 gal</u>
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 foot	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.

4.583
x 0.16

0.733
x 3

2.199 Target
 gal.

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type: _____

Time	1	2	3	4	5	6	7	8	9
Parameter	<u>0910</u> Initial	<u>0914</u> Purge	<u>0956</u> Grab @						
Volume Purged (gal)		<u>1 gal</u>							
Depth to Water (in. TIC)			<u>5' 6"</u>						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Client: R.D. Specialties Inc.
 Location: 560 Salt Rd Webster Ny 14580

Date: 5/24/2023
 Groundwater Monitoring Event

Paradigm Environmental GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-13

Weather: 57°F, Cloudy, Windy

Time In: 1128

Time Out: 1158

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	8' 11"		
Depth to Water Table	(feet)	4' 6"		

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:	(feet)	4.15"
Decimal		4.417
Target Volume Purged	(gal)	2.12
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 foot	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.

4.417
 x .16
 0.707
 x 3
 2.12 Target Gallons

EVACUATION INFORMATION

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

Water Quality Meter Type: ☐

Time	1	2	3	4	5	6	7	8	9
Parameter	1128 Initial	1130 Purge	1158 Grab @						
Volume Purged (gal)		1.09 gal							
Depth to Water (in. TIC)			4' 9"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O: color went from clear to a rusty color
 No odor

6089

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 5/24/2023
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-14

Weather: Sunny, windy, 64°F

Time In: 0938 Time Out: 1008

WELL INFORMATION		(record from top of inner casing at minimum)		check where appropriate	
		TIC	TOC	BGS	
Well Depth	(feet)	11' 1"			Well Type: Flushmount ☒
Depth to Water Table	(feet)	1' 11"			Well Locked: Yes ☒
					Measuring Point Marked: Yes ☒
					Well Diameter: 1" ☐ 2" ☒ Other: ☐

WELL WATER INFORMATION

Length of Water Column:	(feet)	9' 2"
Decimal		9.167
Target Volume Purged	(gal)	4.401 gal
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 foot	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.				

9.167
X 0.16

1.467
X 3

4.401 Target
Set

EVACUATION INFORMATION

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

Water Quality Meter Type: _____

Time	1 0938	2 0942	3 1008	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		4.5 gal							
Depth to Water (in. TIC)			2' 1"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O - Color went from Clear to Brown
- O DOR - NONE

Client: R.D. Specialties Inc.
 Location: 560 Salt Rd Webster Ny 14580

Date: 5/24/2023
 Groundwater Monitoring Event

Paradigm Environmental
 GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-15

Weather: 57°F, Cloudy, Windy

Time In: 1116

Time Out: 1150

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	11' 4"		
Depth to Water Table	(feet)	3' 8"		

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:	(feet)	7' 8"
Decimal		7.667
Target Volume Purged	(gal)	3.68
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 foot	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.

7.667

x .16

1.227

x 3

3.68

Target Gallons

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type:

Time	1	2	3	4	5	6	7	8	9
Parameter	1116 Initial	1118 Purge	1150 Grab @						
Volume Purged (gal)		3 gal							
Depth to Water (in. TIC)			4' 3"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O: Went from clear to a rusty color
 no odor

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 5/24/2023
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-16

Weather: Sunny, Windy, 65°F

Time In: 1054

Time Out: 1144

WELL INFORMATION

(record from top of inner casing at minimum)

check where appropriate

		TIC	TOC	BGS
Well Depth (feet)		4' 10"		
Depth to Water Table (feet)		1' 5"		

Well Type: Flushmount ☒

Stick-Up ☐

Well Locked: Yes ☒

No ☐

Measuring Point Marked: Yes ☒

No ☐

Well Diameter:

1" ☐

2" ☐

Other: 6"

WELL WATER INFORMATION

Length of Water Column: (feet)	3' 5"
Decimal	3.417
Target Volume Purged (gal)	15.38
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 foot	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.

3.417
x 1.5
5.126
x 3
15.38 Target Gallons

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☐

No ☒

Water Quality Meter Type:

Time	1 1054	2 1056	3 1144	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		15.94							
Depth to Water (in TIC)			1' 5"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O: went from clear to a rusty color
no odor



Chain of Custody Supplement

Client: RD SpecialtiesCompleted by: 2FLab Project ID: 232204Date: 5/24/23

Sample Condition Requirements

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

Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☒	☐	☒
Comments	ee 2F 5/24		
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☐	☐	☒
Comments	7°C iced in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
R.D. Specialties, Inc.

For Lab Project ID

233921

Referencing

3rd Quarter Groundwater Monitoring

Prepared

Friday, September 1, 2023

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

Emily Farmer

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.

Report Prepared Friday, September 1, 2023

Page 1 of 14



Lab Project ID: 233921

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

Project Reference: 3rd Quarter Groundwater Monitoring

Sample Identifier: 2023Q3RD12

Lab Sample ID: 233921-01

Date Sampled: 8/28/2023 9:03

Matrix: Groundwater

Date Received 8/28/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.277	mg/L		9/1/2023 07:29
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	8/30/2023			
Data File:	230901A			

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Report Prepared Friday, September 1, 2023

Page 2 of 14



Lab Project ID: 233921

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

Project Reference: 3rd Quarter Groundwater Monitoring

Sample Identifier: 2023Q3RD13

Lab Sample ID: 233921-02

Date Sampled: 8/28/2023 10:31

Matrix: Groundwater

Date Received 8/28/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	1.66	mg/L		9/1/2023 07:32
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	8/30/2023			
Data File:	230901A			



Lab Project ID: 233921

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

Project Reference: 3rd Quarter Groundwater Monitoring

Sample Identifier: 2023Q3RD15

Lab Sample ID: 233921-03

Date Sampled: 8/28/2023 10:25

Matrix: Groundwater

Date Received 8/28/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	2.46	mg/L		9/1/2023 07:35
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	8/30/2023			
Data File:	230901A			

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Report Prepared Friday, September 1, 2023

Page 4 of 14



Lab Project ID: 233921

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

Project Reference: 3rd Quarter Groundwater Monitoring

Sample Identifier: 2023Q3RD16

Lab Sample ID: 233921-04

Date Sampled: 8/28/2023 10:00

Matrix: Groundwater

Date Received 8/28/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.617	mg/L		9/1/2023 07:19
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	8/30/2023			
Data File:	230901A			



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.

"H" = Denotes a parameter analyzed outside of holding time.

"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.

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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 will 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.

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.

[illegible]

Received By	Date/Time	Received @ Lab By	Date/Time
<i>Jac Fure</i>	<i>8/28/2023</i>	<i>Jac Fure</i>	<i>8/28/2023 13:14</i>

PLF

8' ciced in Field 8/28/23 13.13

2.87

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 8/28/2023
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-12

Weather: Sunny, 59°F

Time In: 0825 Time Out: 0903

WELL INFORMATION		(record from top of inner casing at minimum)		check where appropriate	
		TIC	TOC	BGS	
Well Depth	(feet)	10' 1"			Well Type: Flushmount ☒
Depth to Water Table	(feet)	5' 8"			Well Locked: Yes ☒
					Measuring Point Marked: Yes ☒
					Well Diameter: 1" ☐ 2" ☒ Other: ☐

WELL WATER INFORMATION

Length of Water Column:	(feet)	4' 5"
Decimal		4.4167
Target Volume Purged	(gal)	2.120
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 foot	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.				

4.417
x 0.16
0.70672
x 3
2.120 Target
pige

EVACUATION INFORMATION

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

Water Quality Meter Type:

Time	1 0825	2 0828	3 0903	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		1.25 gal							
Depth to Water (in. TIC)			5' 10"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O smelled like sulfur
color went from clear to rusty color

3.F7

Client: R.D. Specialties Inc.
 Location: 560 Salt Rd Webster Ny 14580

Date: 8/28/2023
 Groundwater Monitoring Event

Paradigm Environmental
 GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-13

Weather: Sunny 62°F

Time In: 0951

Time Out: 1031

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth (feet)		8' 11"		
Depth to Water Table (feet)		4' 7"		

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: (feet)	4' 4"
Decimal	4.333
Target Volume Purged (gal)	2.079 gal
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 foot	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.

$$\begin{array}{r}
 4.333 \\
 \times 0.16 \\
 \hline
 0.693 \\
 \times 3 \\
 \hline
 2.079 \text{ gal}
 \end{array}$$

2.079 gal

Target
Purge

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type: _____

Time	1 0951	2 0953	3 1031	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		1 gal							
Depth to Water (in. TIC)			4' 8"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O: color: light brown
 Smell: NONE

4 of 7

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 8/28/2023
Groundwater Monitoring Event

Paradigm Environmental GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-15

Weather: Sunny, 61°F

Time In: 0940 Time Out: 1025

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	11' 4"		
Depth to Water Table	(feet)	3' 11"		

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:	(feet)	7' 5"
Decimal		7.417
Target Volume Purged	(gal)	3.561 gal
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 foot	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.

7.417
x 0.16

1.187
x 3

3.561 gal

TARGET
Volume purge

EVACUATION INFORMATION

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

Water Quality Meter Type: _____

Time	1	2	3	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		3.0 gal							
Depth to Water (in. TIC)			4' 3"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O smell: NONE

color: slight Brown color

5.97

Client: R.D. Specialties Inc.
 Location: 560 Salt Rd Webster Ny 14580

Date: 8/28/2023
 Groundwater Monitoring Event

Paradigm Environmental
 GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-16

Weather: Sunny, 60°F

Time In: 0916

Time Out: 1000

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth (feet)		4' 10"		
Depth to Water Table (feet)		1' 8"		

check where appropriate

Well Type: Flushmount

Well Locked: Yes

Measuring Point Marked: Yes

Well Diameter:

1"

Stick-Up

No

No

2"

Other: 6"

WELL WATER INFORMATION

Length of Water Column: (feet)	3' 2"
Decimal	3.167'
Target Volume Purged (gal)	14.253 gal
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 foot	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.

3.167

x 1.5

4.751

x 3

14.253 gal

Target
Purge

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Other Pump ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☐

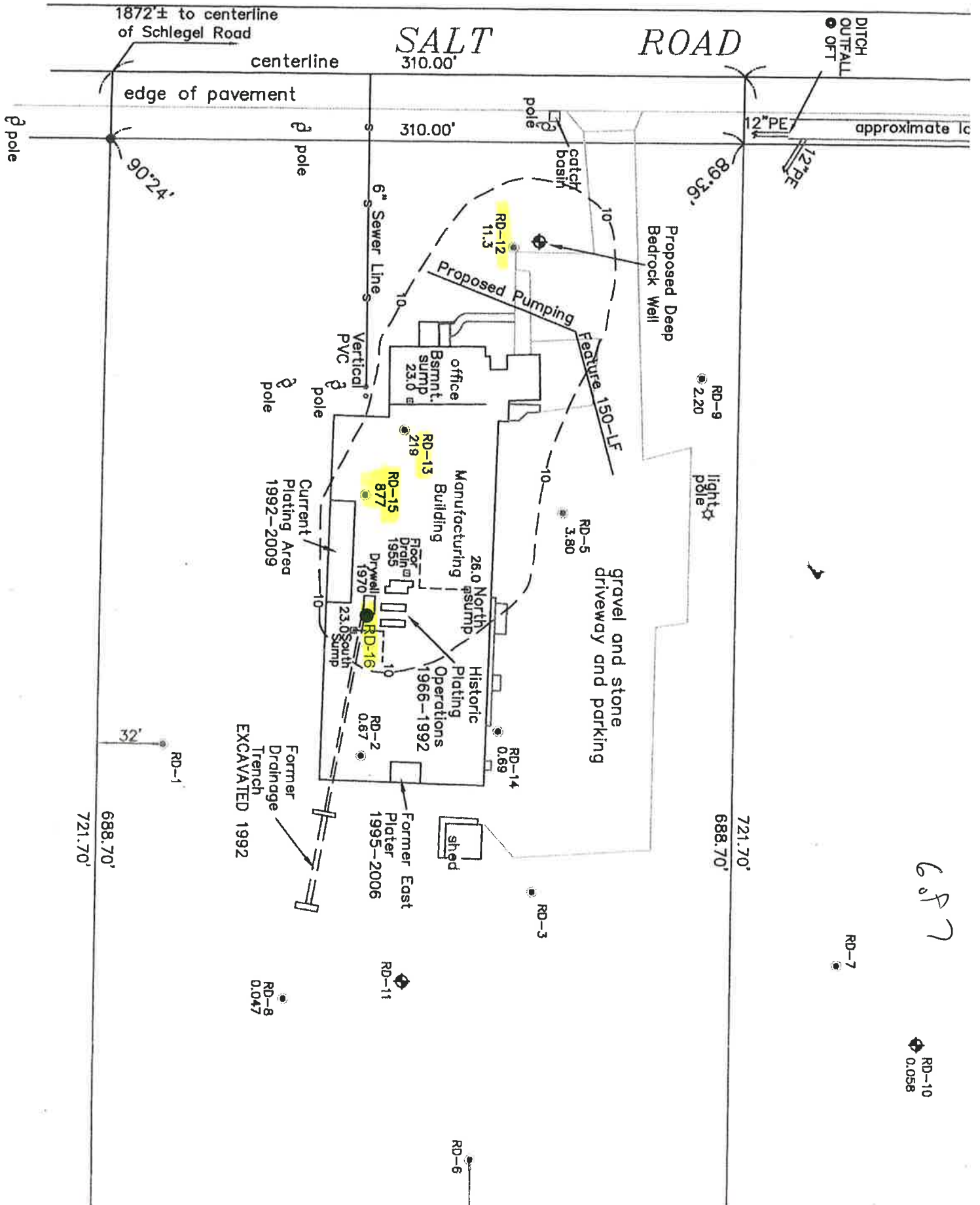
No ☒

Water Quality Meter Type:

Time	1 0916	2 0919	3 1000	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		14 gal							
Depth to Water (in. TIC)			1' 8"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O No smell
 Color Brown



687



Chain of Custody Supplement

7 of 7

Client: RD Specialties

Completed by: Glenn Pezzulo

Lab Project ID: 233921

Date: 8/28/23

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	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☐	☐	☒
Comments	<u>8°C iced</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
R.D. Specialties, Inc.

For Lab Project ID

235476

Referencing

4th Quarter Groundwater Monitoring

Prepared

Friday, December 1, 2023

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

Emily Faumen

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.

Report Prepared Friday, December 1, 2023

Page 1 of 13



Lab Project ID: 235476

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

Project Reference: 4th Quarter Groundwater Monitoring

Sample Identifier: 2023Q4RD12

Lab Sample ID: 235476-01

Date Sampled: 11/27/2023 8:51

Matrix: Groundwater

Date Received 11/27/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.284	mg/L		11/29/2023 21:17
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	11/29/2023			
Data File:	231129B			

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Report Prepared Friday, December 1, 2023

Page 2 of 13



Lab Project ID: 235476

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

Project Reference: 4th Quarter Groundwater Monitoring

Sample Identifier: 2023Q4RD13

Lab Sample ID: 235476-02

Date Sampled: 11/27/2023 10:00

Matrix: Groundwater

Date Received 11/27/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	1.80	mg/L		11/29/2023 21:33
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	11/29/2023			
Data File:	231129B			

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Report Prepared Friday, December 1, 2023

Page 3 of 13



Lab Project ID: 235476

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

Project Reference: 4th Quarter Groundwater Monitoring

Sample Identifier: 2023Q4RD15

Lab Sample ID: 235476-03

Date Sampled: 11/27/2023 9:50

Matrix: Groundwater

Date Received 11/27/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	3.17	mg/L		11/29/2023 21:36
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	11/29/2023			
Data File:	231129B			



Lab Project ID: 235476

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

Project Reference: 4th Quarter Groundwater Monitoring

Sample Identifier: 2023Q4RD16

Lab Sample ID: 235476-04

Date Sampled: 11/27/2023 9:37

Matrix: Groundwater

Date Received 11/27/2023

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.526	mg/L		11/29/2023 21:40
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	11/29/2023			
Data File:	231129B			



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.

"H" = Denotes a parameter analyzed outside of holding time.

"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.

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.

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 will 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.

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.

CHAIN OF CUSTODY

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REPORT TO:	
COMPANY: R.D. Specialties Inc	COMPANY: SAME
ADDRESS: 560 Salt Road, P.O. Box 206	ADDRESS:
CITY: Webster STATE: NY ZIP: 14580	CITY: STATE: ZIP:
PHONE: 585-265-0220 FAX:	PHONE: FAX:
ATTN: Peter Krasucki	ATTN:
LAB PROJECT ID 235476	
Quotation #:	
Email: Pkrasucki@rdspecialties.com	
PROJECT REFERENCE	
4th Quarter Groundwater Monitoring	
Matrix Codes:	
AQ - Aqueous Liquid NA - Non-Aqueous Liquid	WA - Water WG - Groundwater DW - Drinking Water WW - Wastewater SD - Soil SL - Sludge SD - Solid PT - Paint WP - Wipe CK - Caulk OL - Oil AR - Air

[illegible]

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

Received By	Date/Time	P.L.F.
<i>[Signature]</i>	11/27/2023	1132
Received @ Lab By	Date/Time	
<i>[Signature]</i>	11/27/2023	

Sampled By Paradigm Joe Fark Total Cost:

Relinquished By Joe Fark Date/Time 11/27/2023 @ 1050

120c Fred on Field @ 1145 11/27/2023

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

2076

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 11/27/2023
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-12

Weather: cool, windy, 36°F, cloudy

Time In: 0807

Time Out: 0851

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth (feet)		10' 1"		
Depth to Water Table (feet)		5' 3"		

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: (feet)	4' 10"
Decimal	4.833
Target Volume Purged (gal)	2.32081
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 foot	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.				

4.833
x 0.16

0.77328
x 3

2.320 gal

Target
Volume

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type:

Time	1 0809	2 0814	3 0851	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		1.25 gal							
Depth to Water (in. TIC)			5' 4"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O

Color: ORANGE/brown cloudy
Smell: sulfur smell

3016

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 11/27/2023

Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-16

Weather: Cold, cloudy, 36°F, windy

Time In: 0902

Time Out: 0937

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	4' 10"		
Depth to Water Table	(feet)	2' 10"		

check where appropriate

Well Type: Flushmount ☒
Well Locked: Yes ☒
Measuring Point Marked: Yes ☒

Stick-Up ☐
No ☐
No ☐

Well Diameter:

1" ☐

2" ☐

Other: 6"

WELL WATER INFORMATION

Length of Water Column:	(feet)	2' 0"
Decimal		2.0
Target Volume Purged	(gal)	9 gal
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 foot	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.				

2.0
x 1.5

3
x 3

9 gal

Target
Purge.

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☐

No ☒

Water Quality Meter Type:

Time	1 0902	2 0905	3 0937	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		9 gal							
Depth to Water (in TIC)			2' 9"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O

Color: Brown with particulate

odor: none

4076

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 11/27/2023

Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-15

Weather: Cold, cloudy, windy 36°F

Time In: 0917

Time Out: 0950

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	11' 4"		
Depth to Water Table	(feet)	4' 1"		

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:	(feet)	7' 3"
Decimal		7.25
Target Volume Purged	(gal)	3.48 gal
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 foot	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.

7.25
x 0.16

1.16
x 3

3.48 Target
photo

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Decanned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type:

Time	1 0917	2 0920	3 0950	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		3.25 gal							
Depth to Water (in. TIC)			5' 9"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Heo

color: slight rusty color with particulate

odor: NONE

5 of 6

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 11/27/2023
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-13

Weather: Cold, cloudy, windy, 36°F

Time In: 0927

Time Out: 1000

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	8' 11"		
Depth to Water Table	(feet)	4' 9"		

check where appropriate

Well Type: Flushmount

Well Locked: Yes

Measuring Point Marked: Yes

Well Diameter:

1"

Stick-Up

No

No

2"

Other:

WELL WATER INFORMATION

Length of Water Column:	(feet)	4' 2"
Decimal		4.167
Target Volume Purged	(gal)	2.00 gal
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 foot	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				

4.167
x 0.16

0.66672
x 3

2.0008 gal

Target
Purge

EVACUATION INFORMATION

Evacuation Method:

Bailer

Peristaltic

Other Pump

Tubing Used:

Dedicated

Deconned

Sampling Method

Bailer

Peristaltic

Other Pump

Did well go dry?

Yes

No

Water Quality Meter Type:

Time	1 0927	2 0930	3 1000	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		1.25 gal							
Depth to Water (in TIC)			4' 10"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H2O

Color: slight rusty color with particulate

odor: NONE



Chain of Custody Supplement

Client:

RD Specialties

Completed by:

[Signature]

Lab Project ID:

235476

Date:

11/27/2025

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	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☐	☐	☒
Comments	12°C Fied in Field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
R.D. Specialties, Inc.

For Lab Project ID

240782

Referencing

1st Quarter Groundwater Monitoring

Prepared

Wednesday, February 28, 2024

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

Emily Faumen

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.

Report Prepared Wednesday, February 28, 2024

Page 1 of 13



Lab Project ID: 240782

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

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier: 2023Q1RD12

Lab Sample ID: 240782-01

Date Sampled: 2/23/2024 9:32

Matrix: Groundwater

Date Received 2/23/2024

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.188	mg/L		2/27/2024 07:50
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	2/26/2024			
Data File:	240227A			

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Report Prepared Wednesday, February 28, 2024



Lab Project ID: 240782

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

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier: 2023Q1RD13

Lab Sample ID: 240782-02

Date Sampled: 2/23/2024 10:42

Matrix: Groundwater

Date Received 2/23/2024

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	1.50	mg/L		2/27/2024 07:53
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	2/26/2024			
Data File:	240227A			



Lab Project ID: 240782

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

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier: 2023Q1RD15

Lab Sample ID: 240782-03

Date Sampled: 2/23/2024 10:38

Matrix: Groundwater

Date Received 2/23/2024

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	2.31	mg/L		2/27/2024 08:03
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	2/26/2024			
Data File:	240227A			



Lab Project ID: 240782

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

Project Reference: 1st Quarter Groundwater Monitoring

Sample Identifier: 2023Q1RD16

Lab Sample ID: 240782-04

Date Sampled: 2/23/2024 10:36

Matrix: Groundwater

Date Received 2/23/2024

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Chromium	0.407	mg/L		2/27/2024 07:41
Method Reference(s):	EPA 6010C			
	EPA 3005A			
Preparation Date:	2/26/2024			
Data File:	240227A			



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.

"H" = Denotes a parameter analyzed outside of holding time.

"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.

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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 will 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.

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2066

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 2/23/2024
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-12

Weather: 46°F, Sunny, breezy

Time In: 0852

Time Out:

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth (feet)		16'1"		
Depth to Water Table (feet)		4'8"		

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: (feet)	5'5"
Decimal	5.41667
Target Volume Purged (gal)	2.6 gal
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 foot	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.

5.41667
x 0.16

0.8666672
x 3

2.6 Target
bottle purge

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type:

Time	1 0852	2 0854	3 0932	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		1.75 gal							
Depth to Water (in. TIC)			4'8"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

A₂O

odor - slight sulfur smell

color - light cloudy/orange

3066

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 2/23/2024
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-13

Weather: 41°F, Sunny, breezy

Time In: 1005

Time Out: 1042

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth (feet)		8' 11"		
Depth to Water Table (feet)		3' 11"		

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: (feet)	5' 0"
Decimal	5.0
Target Volume Purged (gal)	2.4
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 foot	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.				

5.0
x 0.16

0.8
x 3

2.4

Target 2.4 gal purge

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type:

Time	1 1005	2 1007	3 1042	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		1.25 gal							
Depth to Water (in. TIC)			3' 11"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O

Odor - No smell

Color - clear to brown

4036

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 2/23/2024
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-15

Weather: 41°F, Sunny, breezy

Time In: 0953

Time Out: 1038

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	11' 4"		
Depth to Water Table	(feet)	2' 11"		

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:	(feet)	8' 5"
Decimal		8.416667
Target Volume Purged	(gal)	4.04 gal
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 foot	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.				

8.416667
x 0.16

1.34666672
x 3

Target 4.04 gal

EVACUATION INFORMATION

Evacuation Method:

Bailer ☒

Peristaltic ☐

Other Pump ☐

Tubing Used:

Dedicated ☐

Deconned ☐

Sampling Method

Bailer ☒

Peristaltic ☐

Other Pump ☐

Did well go dry?

Yes ☒

No ☐

Water Quality Meter Type:

Time	1 0953	2 0953	3 1038	4	5	6	7	8	9
Parameter	Initial	Purge	Grab @						
Volume Purged (gal)		3.5 gal							
Depth to Water (in. TIC)			3' 1"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H2O

ODOR - NONE

Color - water from clear to brown

5 of 6

Client: R.D. Specialties Inc.
Location: 560 Salt Rd Webster Ny 14580

Date: 2/23/2024
Groundwater Monitoring Event

Paradigm Environmental
GROUND-WATER SAMPLING LOG

Sampling Personnel: Joe F./Joe M.

Well ID: RD-16

Weather: 41°F, Sunny, Breezy

Time In: 0941 Time Out: 1036

WELL INFORMATION

(record from top of inner casing at minimum)

		TIC	TOC	BGS
Well Depth	(feet)	4' 10"		
Depth to Water Table	(feet)	10"		

check where appropriate

Well Type: Flushmount ☒
Well Locked: Yes ☒
Measuring Point Marked: Yes ☒

Stick-Up ☐
No ☐
No ☐

Well Diameter: 1" ☐ 2" ☐ Other: 6"

WELL WATER INFORMATION

Length of Water Column:	(feet)	4' 0"
Decimal		4.0'
Target Volume Purged	(gal)	18 gal
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 foot	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.

4.0
x 1.5
6
x 3

18 gal Target
Pur

EVACUATION INFORMATION

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

Water Quality Meter Type:

Time	1	2	3	4	5	6	7	8	9
Parameter	0941 Initial	0943 Purge	1036 Grab @						
Volume Purged (gal)		18 gal							
Depth to Water (in. TIC)			10"						
pH									
Conductance (mS/cm)									
Turbidity									
DO (mg/L)									
Temp (°C)									
ORP (mV)									

MISCELLANEOUS OBSERVATIONS/PROBLEMS

H₂O
odor - none
color - clear, slightly dirty
* well BGS just as fast as we purge it. *



Chain of Custody Supplement

2082
6076
u Etl
2/23/24

Client:

RD specialties

Completed by:

Carla Lopez

Lab Project ID:

240782

Date:

2/23/2024

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	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒ Qm 2/23/24	☐	☒ Cr
Comments	8°C Fied on Field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			