



Cripple Creek & Victor
Gold Mining Company
P.O. Box 191
100 North 3rd Street
Victor, Colorado 80860

P 719.689.2977
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September 7, 2023

SENT VIA EMAIL

Mr. Patrick Lennberg
Environmental Protection Specialist
Colorado Department of Natural Resources
Division of Reclamation, Mining, and Safety
Office of Mined Land Reclamation
1313 Sherman Street, Room 215
Denver, Colorado 80203

Re: Permit No. M-1980-244; Cripple Creek & Victor Gold Mining Company ("CC&V"); Cresson Project – Notification of Water Quality Analysis Parameter Exceedance September 7, 2023

Dear Mr. Lennberg,

In accordance with Rule 3, Section 3.1.7 (9) of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations (Rules), the Cripple Creek and Victor Gold Mining Company (CC&V) hereby provides the Division of Reclamation, Mining, and Safety (Division) with a formal notification of water quality parameter exceedances.

CC&V collected third quarter groundwater compliance samples from monitoring well SGMW-6B, VIN-2A, and a surface water compliance sample from GV-02 on August 2, 2023.

Upon review of received analytical reports, CC&V determined monitoring well SGMW-6B exceeded the established Numeric Protection Level for Fluoride, Iron and Manganese and the Table Value Standard for Sulfate and Beryllium. Monitoring well VIN-2A exceeded the established Table Value Standards for Sulfate.

Surface water location GV-02 exceeded the site specific (COARUA24) acute standard for pH, Cadmium (Dissolved), Manganese (Dissolved), and Zinc (Dissolved) and the chronic standard for Sulfate, Cadmium (Dissolved), Iron (Dissolved), Manganese (Dissolved), Nickel (Dissolved), and Zinc (Dissolved) in Colorado Regulation Number 32 – Classification and Numeric Standards for Arkansas River Basin, Table 24 (COARUA24).

Table 1 below lists these exceedances by the location and the associated parameter. The graphs contained in Attachment A demonstrate the parameter trend for the collected data. Attachment B contains Colorado Regulation Number 32 – Classification and Numeric Standards for Arkansas River Basin, Table 24 (COARUA24) calculations for GV-02.



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Table 1: Parameter Values

Groundwater					
Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
SGMW-6B	8/2/2023	Fluoride	7.96	2	
SGMW-6B	8/2/2023	Sulfate	1430		250
SGMW-6B	8/2/2023	Beryllium	0.0815		0.004
SGMW-6B	8/2/2023	Iron	16.1	14	
SGMW-6B	8/2/2023	Manganese	10.2	3	
VIN-2A	8/2/2023	Sulfate	695		250

Surface Water					
Location	Sample Date	Parameter	Value (mg/L)	Acute (mg/L)	Chronic (mg/L)
GV-02	8/2/2023	pH	4.24	6.5 - 9.0	
GV-02	8/2/2023	Sulfate	1140		250
GV-02	8/2/2023	Cadmium - Dissolved	0.0221	0.01549	0.00406
GV-02	8/2/2023	Iron - Dissolved	0.603		0.3
GV-02	8/2/2023	Manganese - Dissolved	35.4	6.45	3.56
GV-02	8/2/2023	Nickel - Dissolved	0.577	3.31	0.368
GV-02	8/2/2023	Zinc - Dissolved	8.09	1.31	0.99

Should you require further information please do not hesitate to contact Antonio Matarrese at 719.851.4185 or Antonio.Matarrese@Newmont.com or myself at 719.851.4048 or Katie.Blake@Newmont.com

Sincerely,

DocuSigned by:

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Katie Blake
Sustainability & External Relations Manager
Cripple Creek and Victor Gold Mining Company

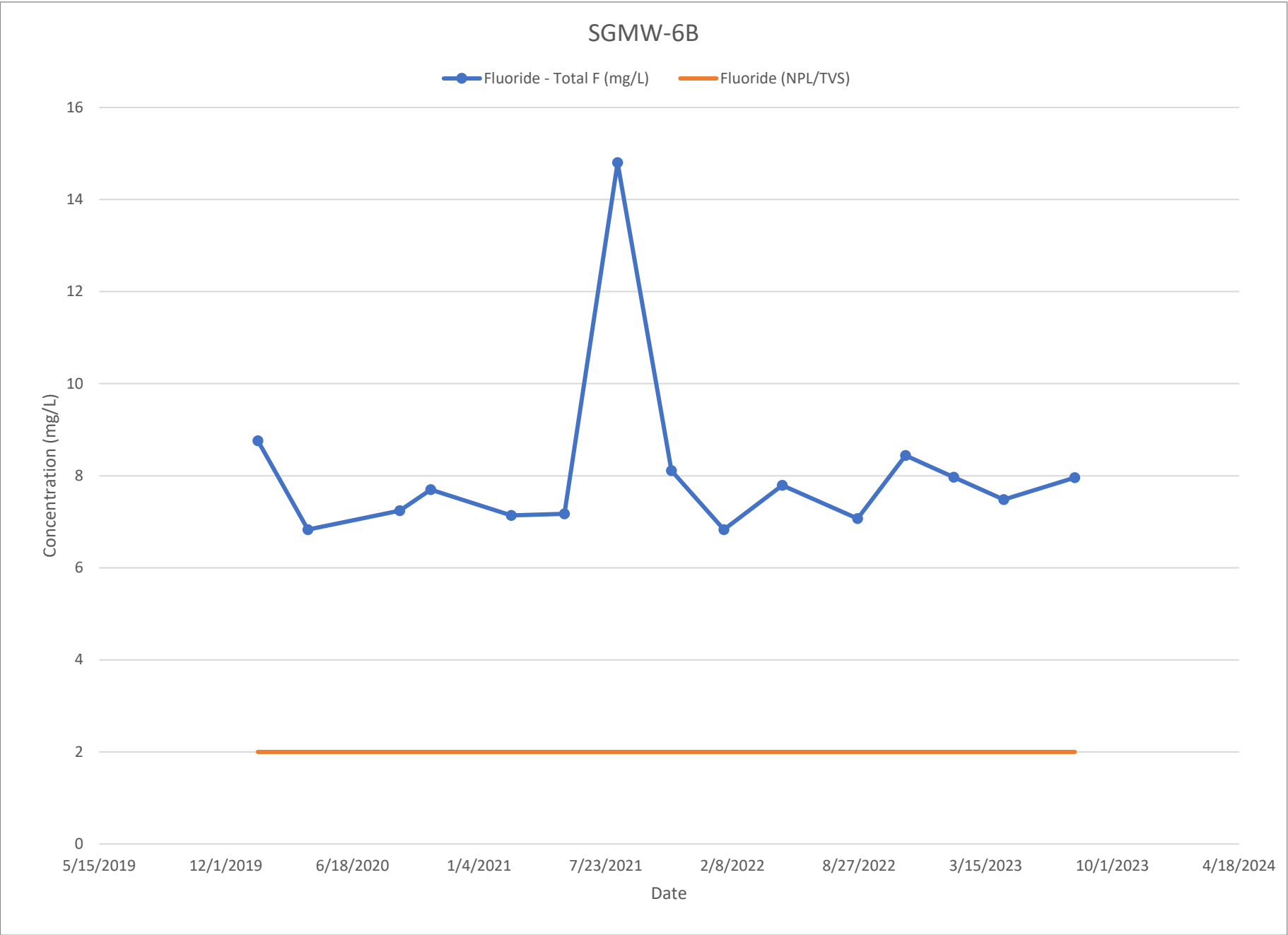
EC: E. Russell
K. Blake
J. Gonzalez
P. Barela
A. Matarrese

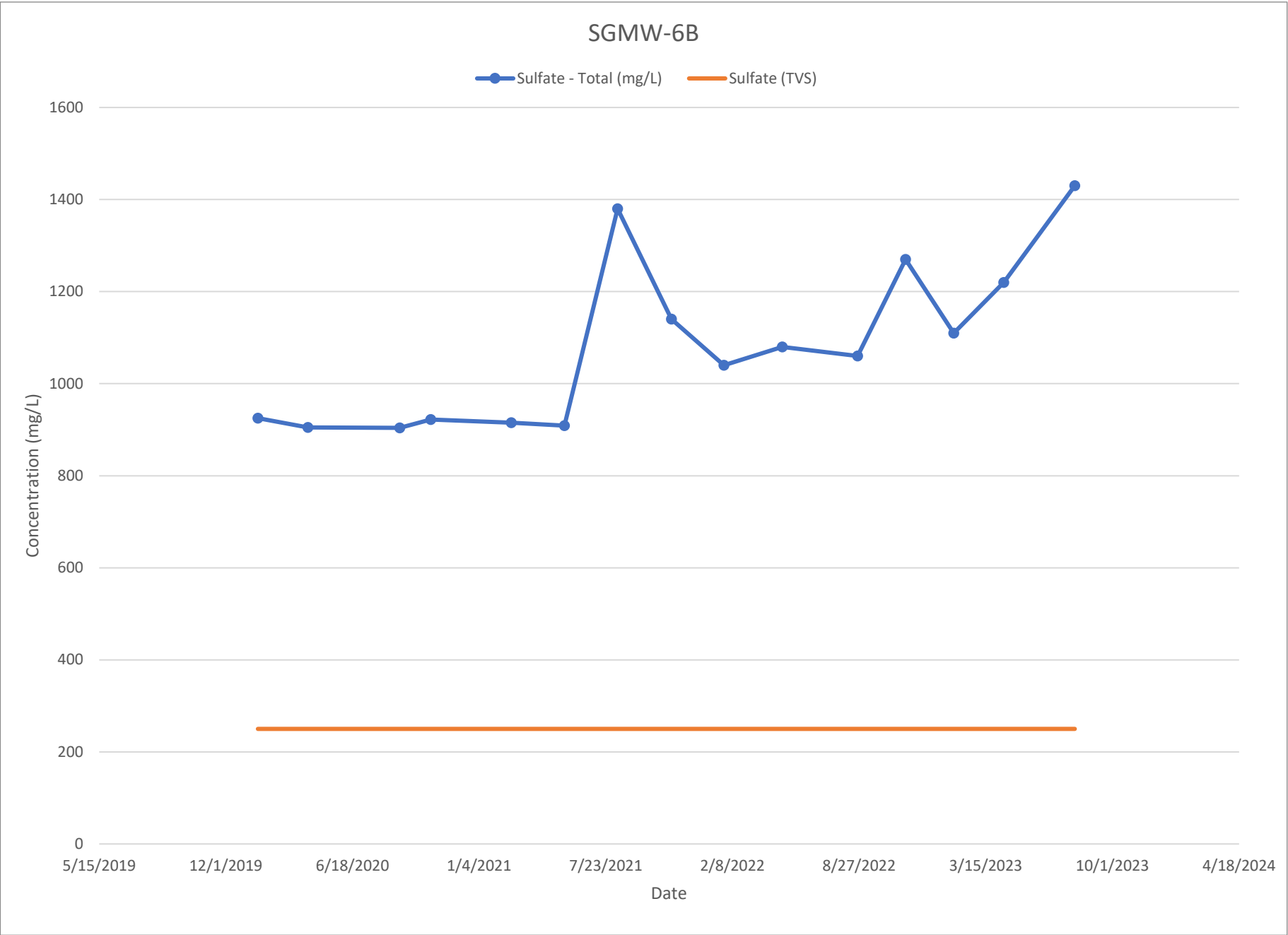


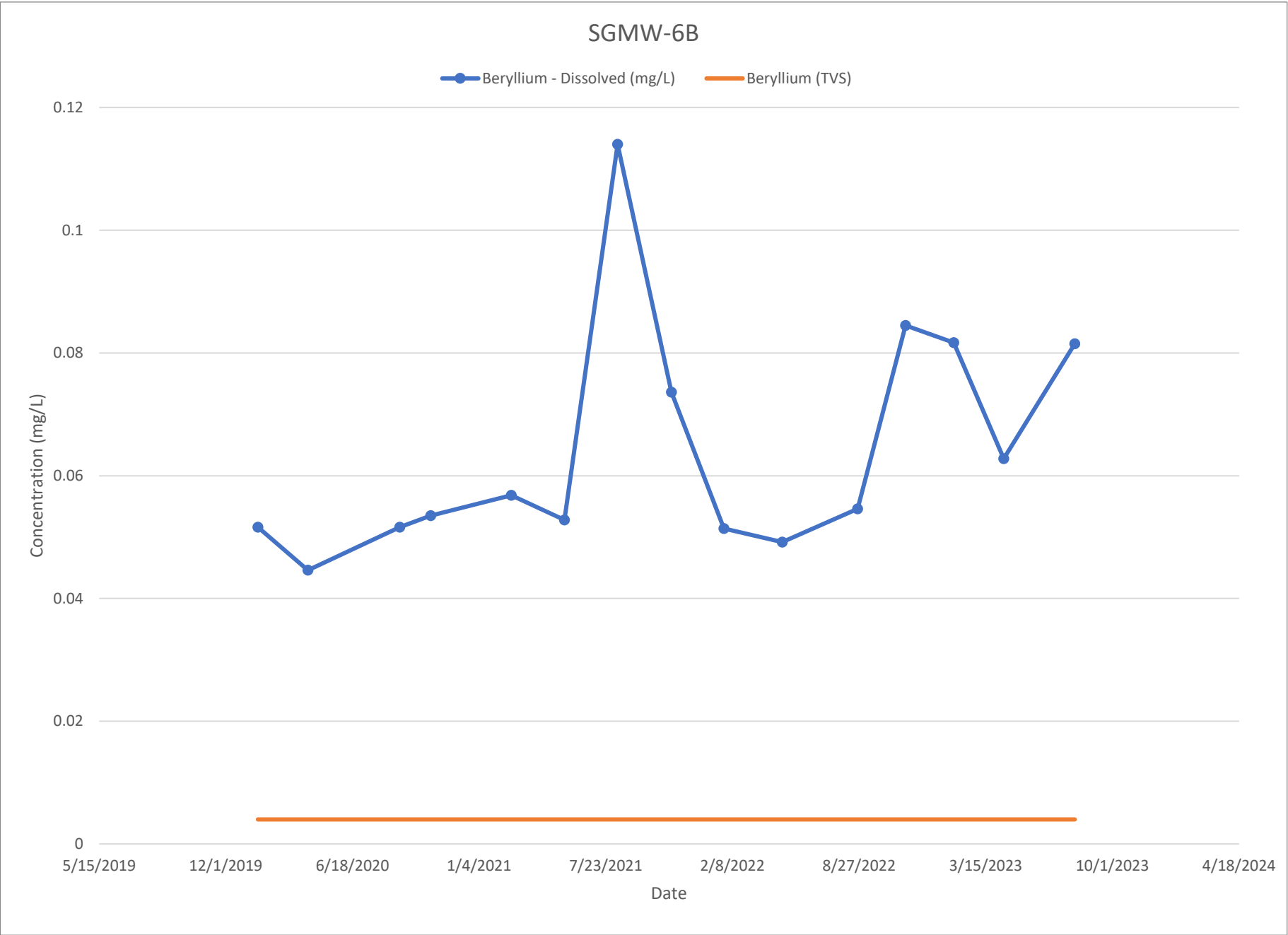
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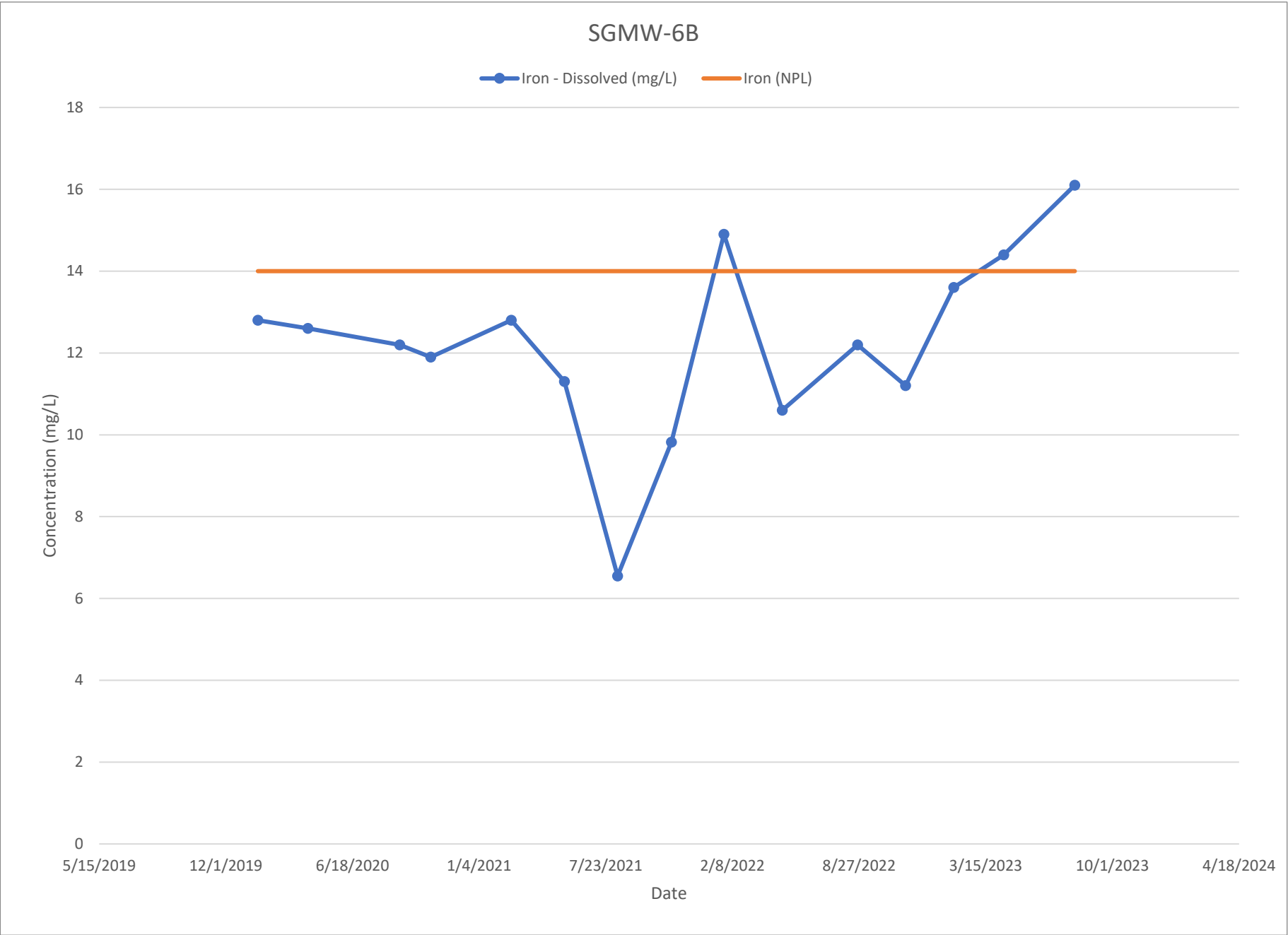
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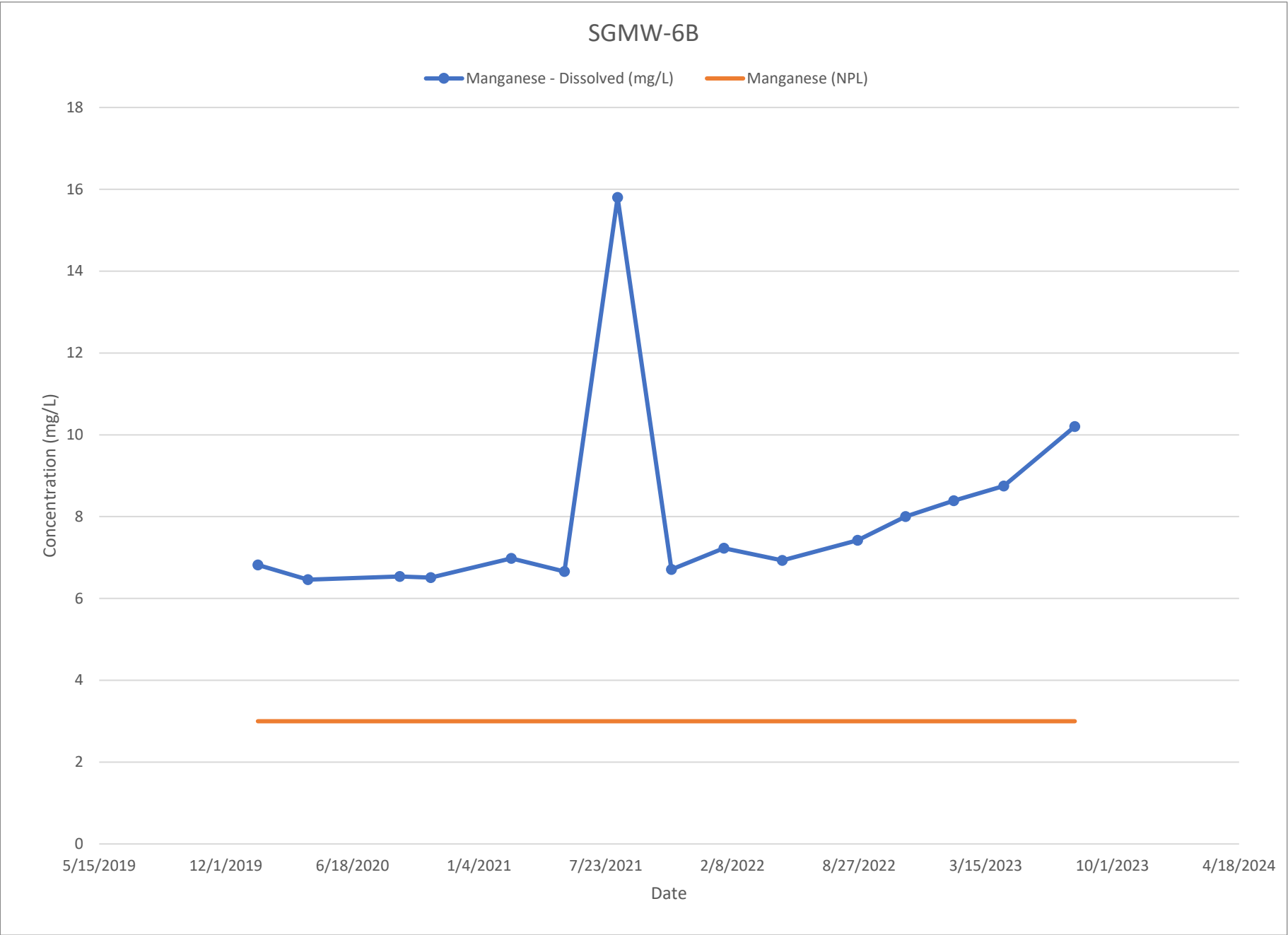
Attachment A

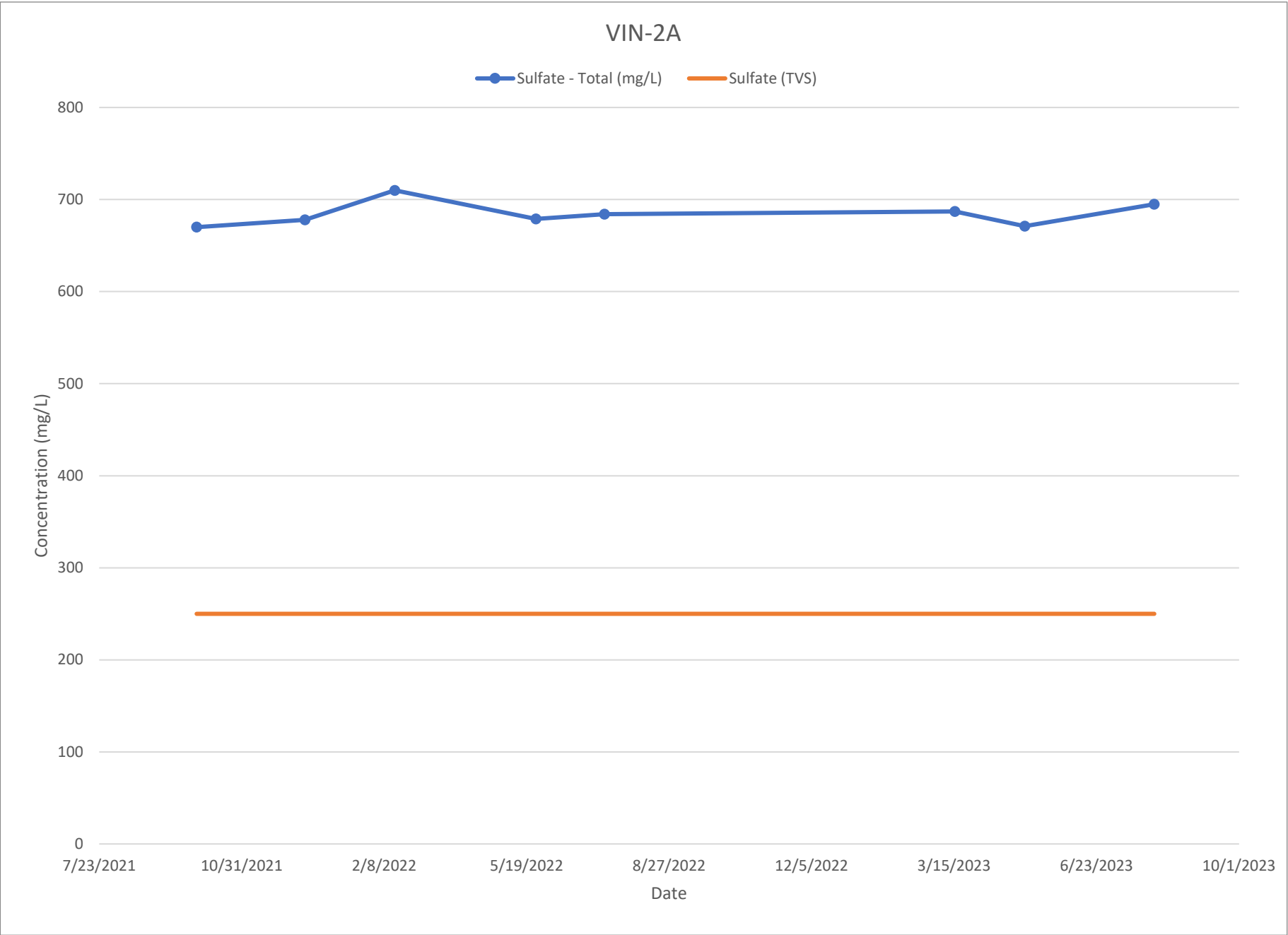


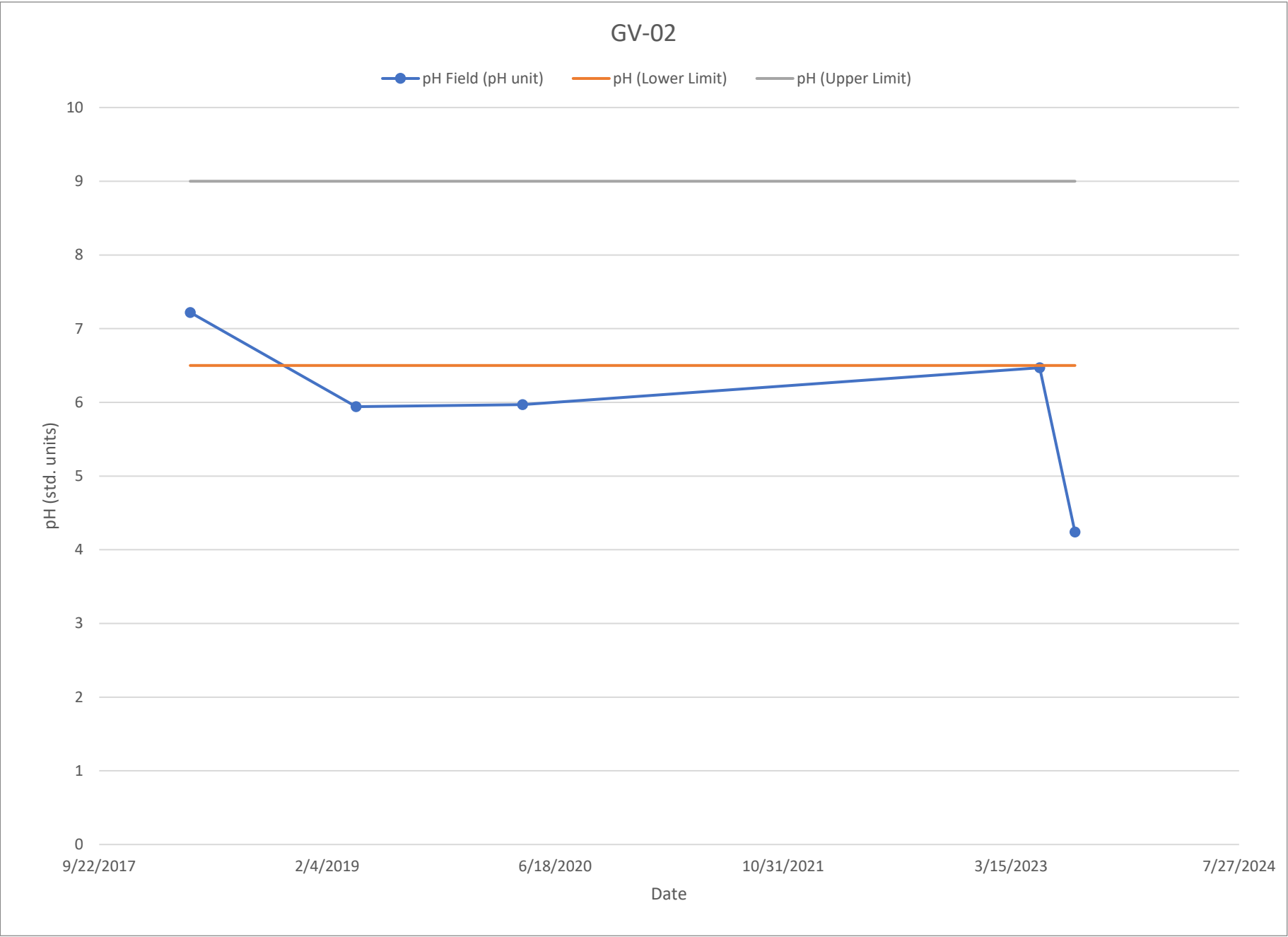


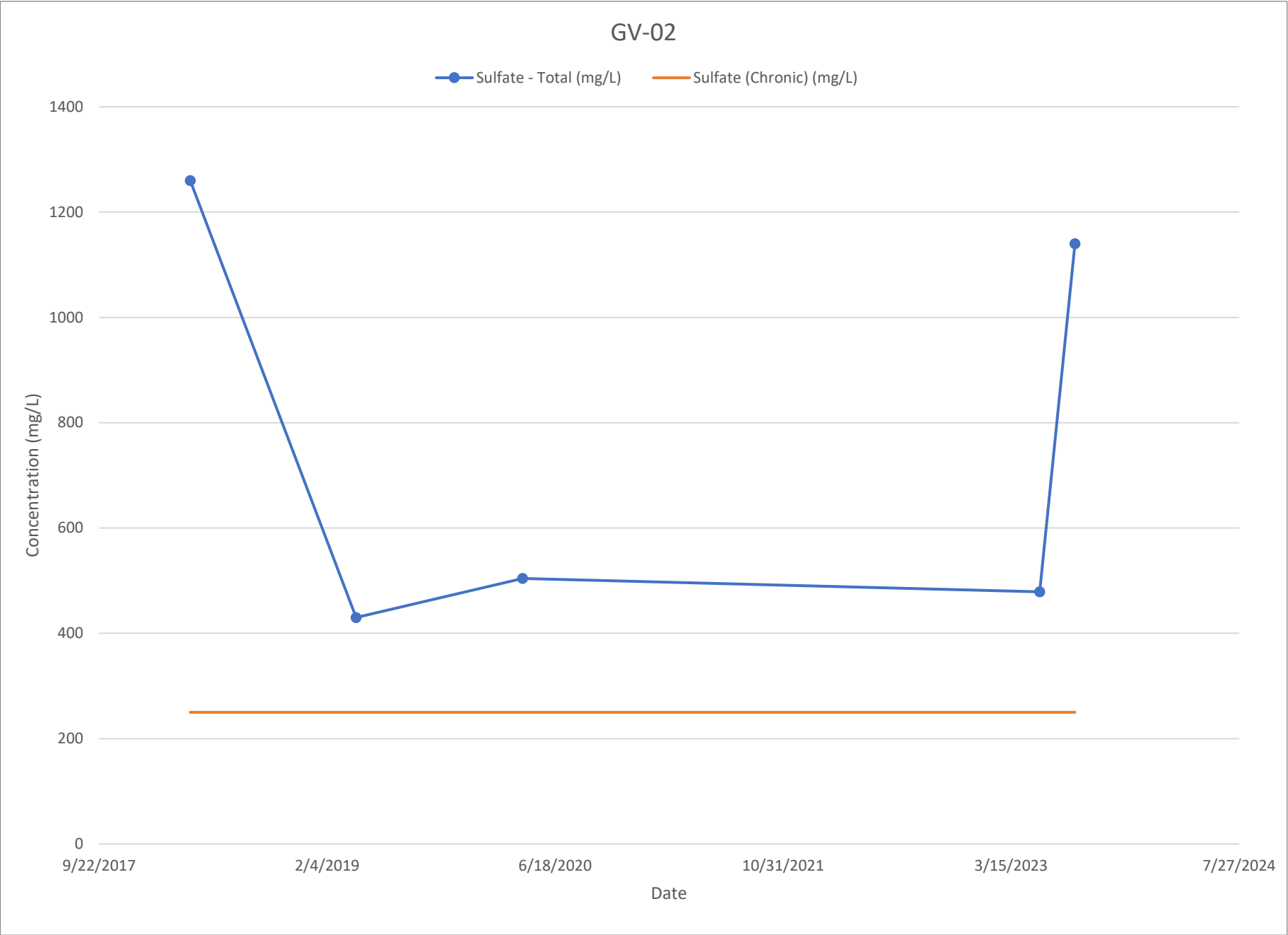


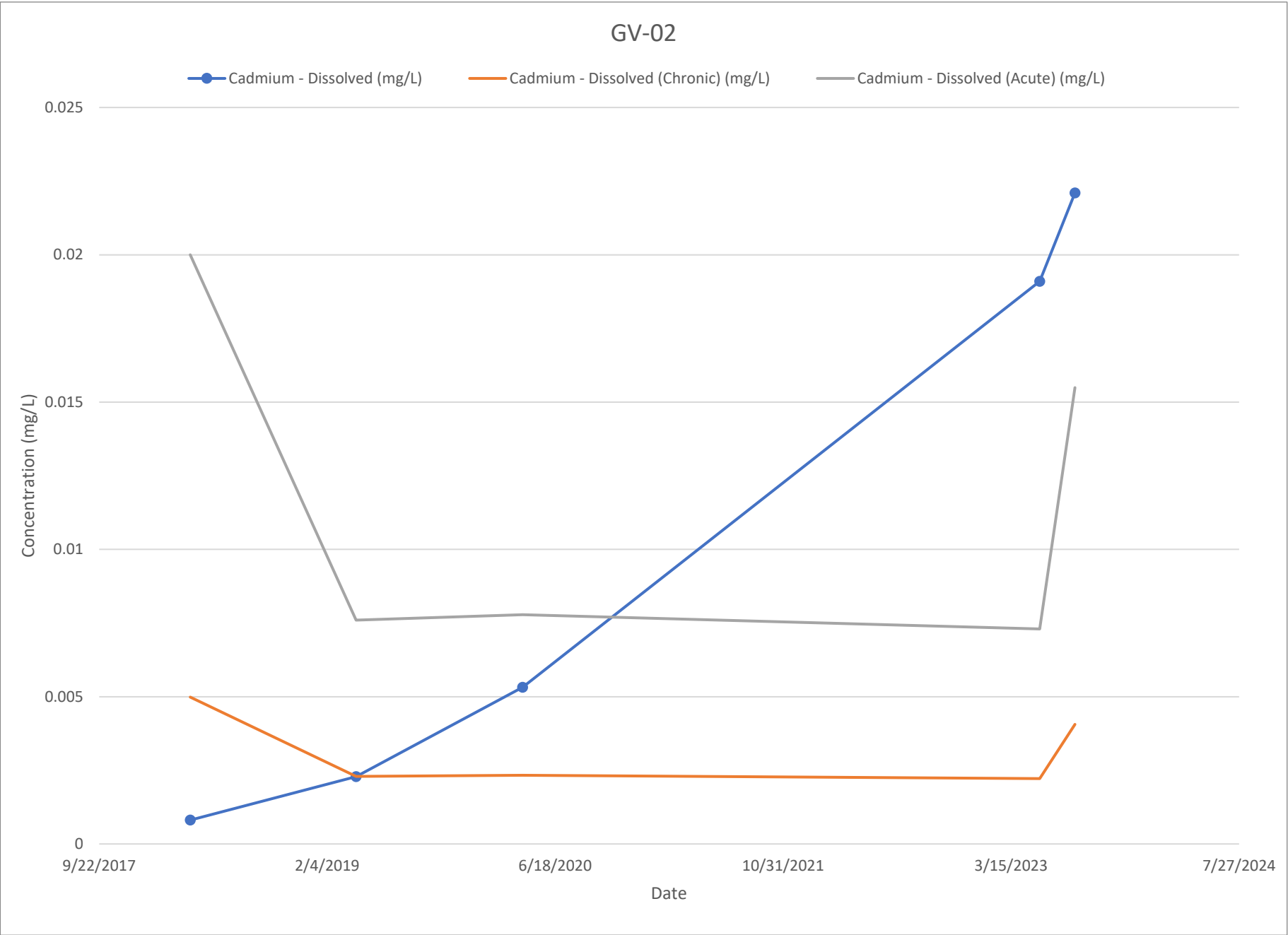


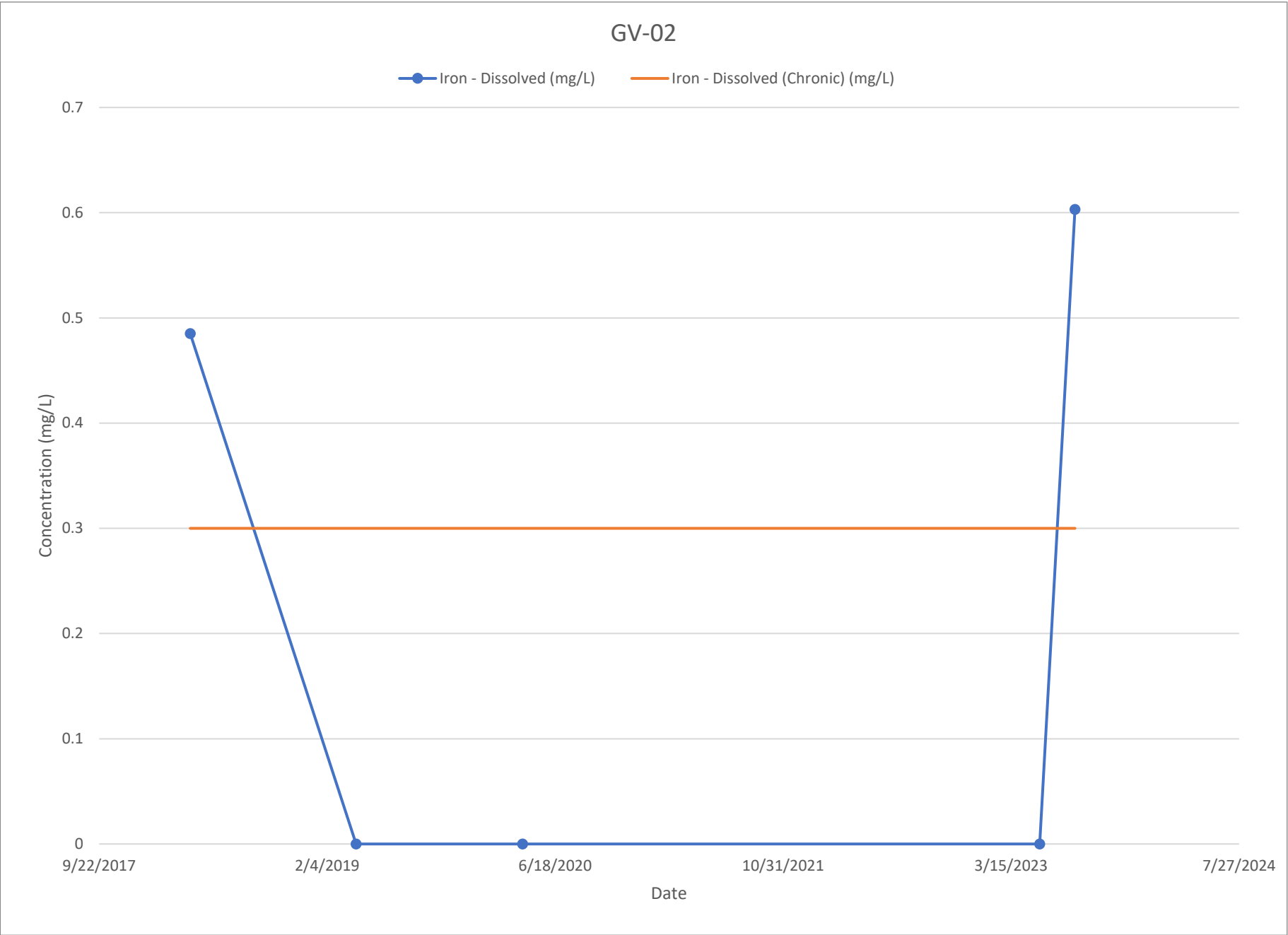


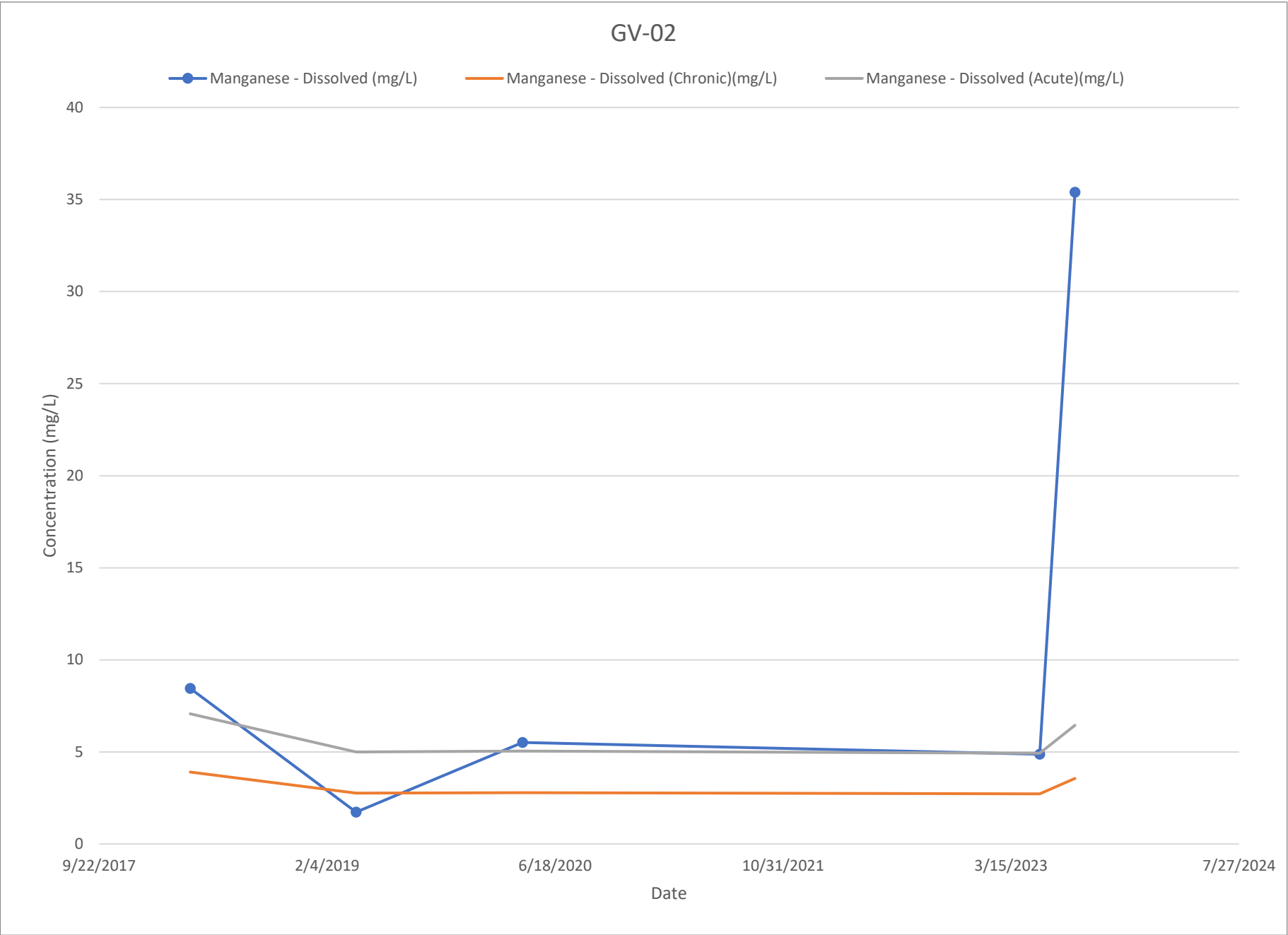


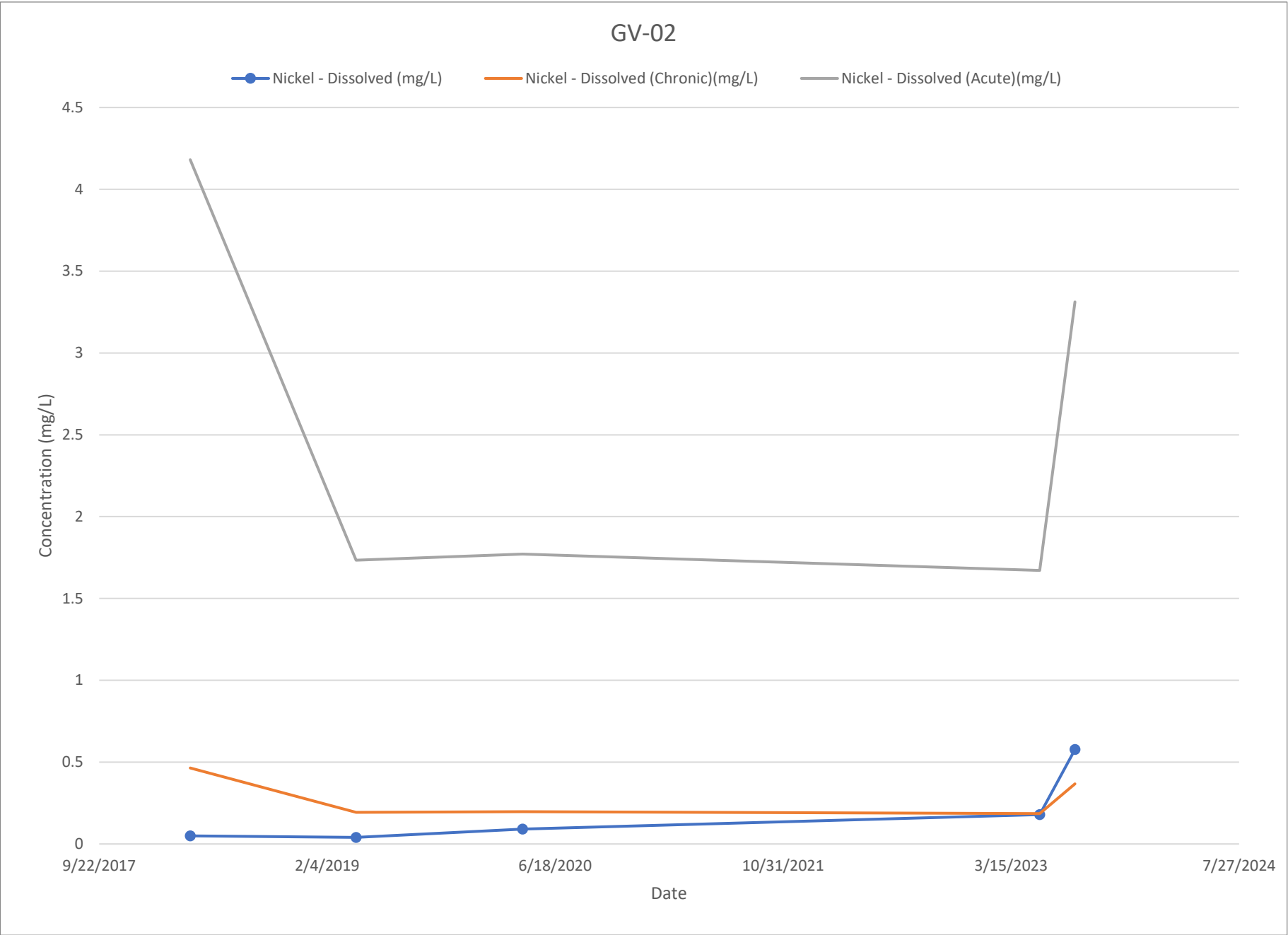


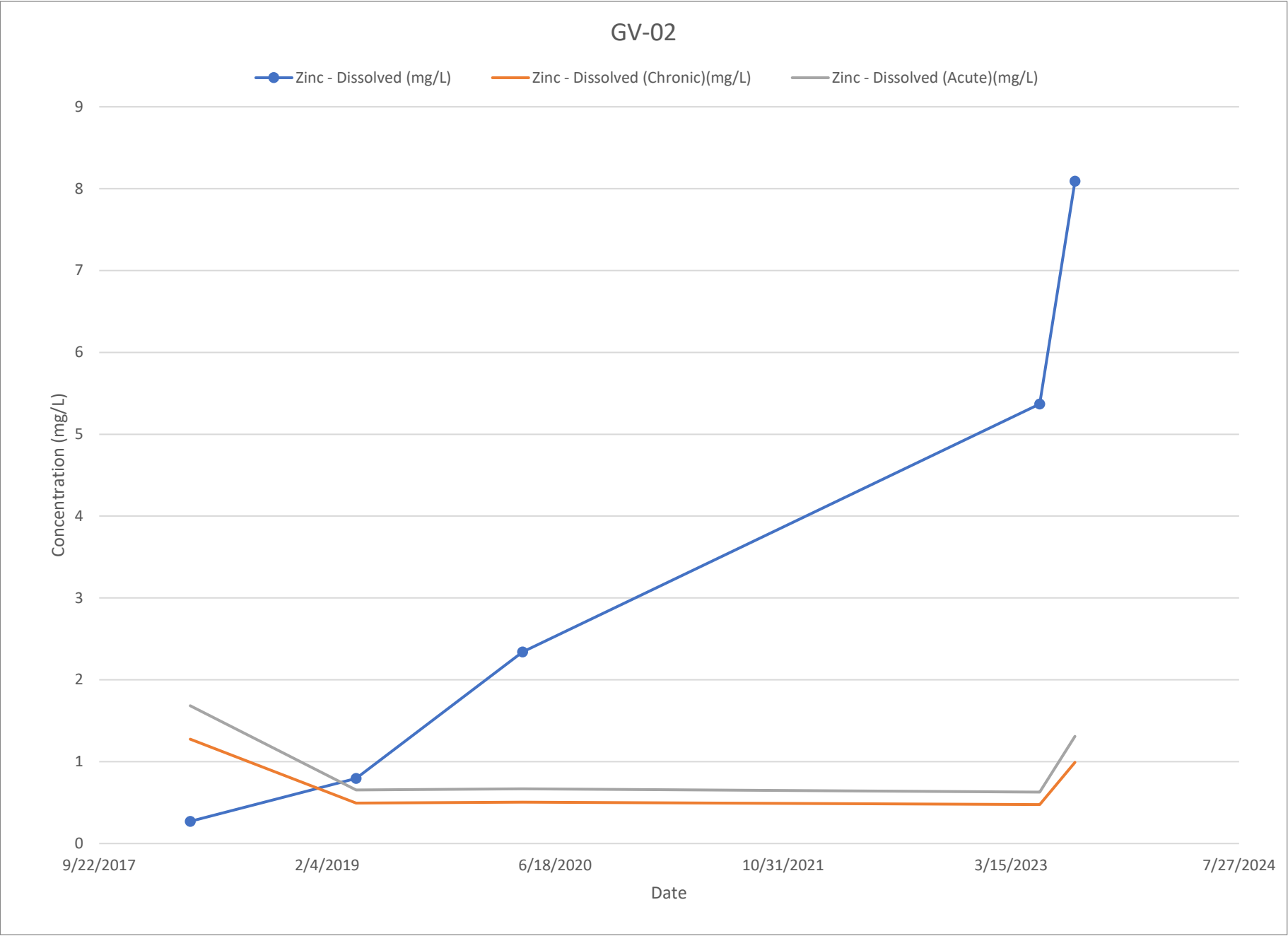














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Attachment B

GV-02		
Sample Date:		8/2/2023
Data for Calculations:		
pH	4.24	std units
Hardness	1010	mg/L
Temperature	12.4	Celsius
Regulation 32 (5 CCR 1002-32) COARUA24 Standards		
Physical	Acute	Chronic
pH (std. units)	6.5 - 9.0	---
Temperature (°C)	< 21.7	< 17
Inorganic	Acute (mg/L)	Chronic (mg/L)
Ammonia	38.958	7.085
Boron	---	0.750
Chloride	---	250.000
Chlorine	0.019	0.011
Cyanide (Free)	0.005	---
Fluoride	---	---
Nitrate	10.000	---
Nitrite	---	0.050
Sulfide	---	0.002
Sulfate	---	250.000
Phosphorus	---	0.110
Metals	Acute (mg/L)	Chronic (mg/L)
Arsenic	0.34000	---
Arsenic (T)	---	0.00002
Cadmium	0.01549	0.00406
Cadmium (T)	0.00500	---
Chromium (III)	---	0.49255
Chromium (III) (T)	0.05000	---
Hexavalent Chromium	0.01600	0.01100
Copper	0.11875	0.06461
Iron	---	0.30000
Iron (T)	---	1.00000
Lead	0.70392	0.02743
Lead (T)	0.05000	---
Manganese	6.45034	3.56382
Mercury (T)	---	0.00001
Molybdenum (T)	---	0.15000
Nickel	3.31224	0.36789
Nickel (T)	---	0.10000
Selenium	0.01840	0.00460
Silver	0.10834	0.00401
Uranium	30.72412	19.19113
Zinc	1.31057	0.99263

GV-02 Results
Physical
4.24
12.4
Inorganic
<0.03
<0.04
27.2

<0.005
8.59
<0.05
<0.05

1140
<0.05
Metals
<0.002
<0.001
0.0221

0.00165
0.603
0.56
<0.0004

35.4
<0.0002

0.577

<0.002
<0.00016
0.000431
8.09