November 18, 2024

Mr. Clayton Wein
Environmental Protection Specialist
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

RE: Annual Hydrology Report
New Horizon Mine
Permit No. C-1981-008

Dear Mr. Wein:

Enclosed please find the Annual Hydrology Report for the 2024 Water Year (October 2023 – September 2024) for Elk Ridge Mining and Reclamation, LLC (Elk Ridge) New Horizon Mine. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent to Elk Ridge, and in accordance with Rule 4.05.13(4)(c) is submitting the Annual Hydrology Report on behalf of the New Horizon Mine.

If you have any questions about the enclosed minor revision, please contact Tony Tennyson at (970) 824-1232 or ttennyson@tristategt.org.

Sincerely,

DocuSigned by:
Chris Gilbreath
4BE980BE59E442F...

Chris Gilbreath
Senior Manager,
Remediation and Reclamation

CG:TT

Enclosures

cc: Tony Tennyson (via email)
File: G474-11.3(21)b-5

P.O. BOX 33695
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2024 Annual Hydrology Report

Water Year October 1, 2023 to September 30, 2024

Elk Ridge Mining and Reclamation, LLC

New Horizon Mine

Permit No. C-1981-008

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Rule 4.05.13(4)(c) Annual Hydrology Report Requirements

(i) Water quantity monitoring data for the water year is presented Appendix 1 and Appendix 2 of this report.

(ii) Water quality monitoring data for the water year is presented in Appendix 1 and Appendix 2 of this report. Discharge monitoring reports (DMR) are submitted to the Colorado Department of Public Health and Environment. Copies of each DMR are provided monthly to the Division during the report year and are included in this report by reference only.

(iii) A written interpretation of the data has been requested by the Division in accordance with Rule 4.05.13(4)(c)(iii) and is included within this annual hydrology report.

The monitoring timeframe for this annual hydrology report is from October 1, 2023 through September 30, 2024.

A description of the surface and ground water monitoring plan including the monitoring frequency is located in Section 2.04.7. All monitoring locations are shown on Map 2.04-7-1A. This information can be found in Permit No. C-1981-008.

Surface Water

Surface water monitoring is comprised of two monitoring locations, which are located up gradient and down gradient of mining and reclamation areas on Tuttle Draw. SW-N1 represents the upstream condition above mining and reclamation, and SW-N3 represents the downstream condition.

Surface water monitoring data for the water year for both sites can be found in Appendix 1.

New Horizon samples both surface water monitoring locations for a variety of quality parameters. Of all the parameters that are analyzed, several key indicator parameters have been identified and are addressed annually for the hydrology report. These parameters are lab pH, lab conductivity, TDS, sulfate, calcium, iron, magnesium, and sodium.

SW-N1 and SW-N3 – Tuttle Draw

Data for the indicator parameters for the up-gradient surface monitoring location SW-N1 and the down gradient surface water monitoring location SW-N3, has been complied and are shown on the summary tables below. The summary data tables provided data for each surface water monitoring locations from 2001 to 2024 if available.

Surface water monitoring data for the water year for both sites can be found in Appendix 1. Appendix 2 contains a graphical representation of all surface water monitoring data with a linear regression to help define any applicable trends that may be apparent in the monitoring data.

Summary of the indicator parameters for each surface water monitoring location are provided as follows:

SW-N1							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	8.2	0.3	2.0	8.5	6.5	2/18/11	7/30/24
Lab Cond. (umhos/cm)	921	587	2,613	2,910	297	9/26/12	6/5/19
TDS (mg/l)	699	540	2,509	2,690	181	9/26/12	8/24/07
Sulfate (mg/l)	310	281	1,653	1,700	48	9/26/12	6/5/19
Calcium (mg/l)	121	84	455	496	41	9/26/12	6/5/19
Iron (ug/l)	1,163	1,575	8,8920	9,050	130	8/16/07	4/2/24
Magnesium (mg/l)	53	48	196	204	8	9/26/12	8/17/07
Sodium (mg/l)	21	17	61	66	5	2/17/06	8/20/07

SW-N3							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	8.1	0.3	2.0	8.6	6.6	9/4/08	7/30/24
Lab Cond. (umhos/cm)	1,783	919	3,240	3,640	400	2/10/15	8/13/07
TDS (mg/l)	1,560	968	3,208	3,440	232	2/10/15	8/24/17
Sulfate (mg/l)	882	598	2,130	2,220	90	2/10/15	8/17/07
Calcium (mg/l)	246	137	549	558	9	8/31/02	5/24/21
Iron (tot rec ug/l)	1,068	1,518	10,470	10,600	130	8/16/07	5/17/08
Magnesium (mg/l)	109	73	246	259	13	2/10/15	11/21/07
Sodium (mg/l)	56	43	204	212	8	2/20/12	8/20/07

A review of the water year data indicates two minimum values for laboratory pH and iron occurred at SW-N1, and a minimum value laboratory pH also occurred at SW-N3. All other indicator parameters sample results trended within previous results, with the mean of all the indicator parameters remaining relatively constant. Influences from irrigation water on Tuttle Draw are readily apparent during the irrigation season at and around New Horizon Mine.

Surface Water Data Interpretation

As shown on the graphs in Appendix 2 for the indicator parameters, when comparing the up gradient and down gradient locations, SW-N3 tends to historically trend higher for several of the indicator parameters including calcium, laboratory conductivity, magnesium, sodium, sulfate and TDS. Iron and pH tend to historically trend higher at the up-gradient location SW-N1. Iron is historically trending down at both locations.

Overall, the indicator parameters as shown in Appendix 2 for up gradient and down gradient of mining and reclamation areas are stable. Long term monitoring results indicate normal seasonal fluctuations within Tuttle Draw, with the seasonal influences from local irrigation water being readily apparent when active irrigation is occurring.

Groundwater

New Horizon currently samples each groundwater site for a variety of quality parameters. Of all the parameters that are analyzed for, several key indicator parameters are identified and are addressed annually for this hydrology report. These are lab pH, lab conductivity, TDS, sulfate, calcium, iron, manganese, sodium and magnesium.

Ground water monitoring data for the water year can be found in Appendix 3. Appendix 4 contains a graphical representation of all ground water monitoring data with a linear regression to help define any applicable trends that may be apparent in all the monitoring data. Groundwater elevations where data is available are provided in Appendix 5.

Wells GW-N36, GW-N37, and GW-N38

GW-N36 monitors the overburden aquifer, GW-N37 monitors the Dakota coal aquifer, and GW-N38 monitors the underburden aquifer. This cluster of wells represent the groundwater quality up gradient of the mining area.

Summary of the indicator parameters for each well are provided as follows:

GW-N36							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	7.4	0.6	3.2	8.5	5.3	2/19/14	6/21/22
Lab Cond. (umhos/cm)	1,385	473	1,480	1,940	406	11/20/07	6/9/20
TDS (mg/l)	1,011	362	1,240	1,600	360	1/10/23	6/9/20
Sulfate (mg/l)	413	111	406	572	166	11/16/16	6/9/20
Calcium (mg/l)	147	52	176	216	40	2/23/11	5/23/18
Iron (mg/l)	0.093	0.084	0.271	0.290	0.019	1/10/23	6/21/21
Manganese (mg/l)	0.11	0.07	0.37	0.40	0.032	8/29/08	5/20/15
Sodium (mg/l)	67	27	83	101	18	2/23/11	6/9/20
Magnesium (mg/l)	69	28	96	112	16	2/23/11	6/9/20

GW-N37							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	4.8	0.6	2.5	6.4	3.9	5/18/16	5/15/06
Lab Cond. (umhos/cm)	725	1,069	5,484	5,830	346	9/18/24	7/26/18
TDS (mg/l)	336	79	384	610	226	9/7/22	7/25/17
Sulfate (mg/l)	198	39	143	290	147	9/7/22	7/26/18
Calcium (mg/l)	47	13	60	90	30	9/7/22	7/26/18
Iron (mg/l)	0.042	0.028	0.071	0.098	0.027	9/7/22	6/21/22
Manganese (mg/l)	0.03	0.01	0.05	0.06	0.012	5/18/16	6/21/22
Sodium (mg/l)	18	3	11	25	14	9/7/22	5/20/15
Magnesium (mg/l)	19	5	21	32	11	9/7/22	7/26/18

GW-N38							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	8.0	0.1	0.3	8.1	7.8	8/25/08	6/24/19
Lab Cond. (umhos/cm)	1,261	191	475	1,410	935	6/24/19	5/13/11
TDS (mg/l)	933	191	525	1,160	525	6/24/19	5/23/11
Sulfate (mg/l)	406	79	202	472	270	6/24/19	5/18/11
Calcium (mg/l)	268	47	118	308	190	8/17/09	5/16/11
Iron (mg/l)	0	0	0	0	0	NA	NA
Manganese (mg/l)	0.0065	0.009	0.0201	0.0226	0.0025	6/24/19	8/29/08
Sodium (mg/l)	14	7	17	24	8	6/24/19	5/16/11
Magnesium (mg/l)	18	3	8	23	15	6/24/19	5/16/11

A review of the water year for this series of wells indicates one maximum occurred at GW-N37 for laboratory conductivity. GW-38 was dry all water year. These three wells are not influenced by the mining and reclamation activities at New Horizon and express the up-gradient condition above mining.

Wells GW-N44, GW-N45, and GW-N46

GW-N44 monitors the overburden aquifer, GW-N45 monitors the Dakota coal aquifer, and GW-N46 monitors the underburden aquifer. This cluster of wells monitors the groundwater quality down gradient of the mining area.

Summary of the indicator parameters for each well are provided as follows:

GW-N44							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	7.9	0.3	1.9	8.6	6.7	2/18/14	6/1/03
Lab Cond. (umhos/cm)	2.958	1,552	11,386	12,300	914	6/6/17	12/7/20
TDS (mg/l)	2,765	1,751	12,400	13,800	1,400	6/6/17	6/1/22
Sulfate (mg/l)	1,718	1,264	8,800	9,510	710	6/6/17	12/1/22
Calcium (mg/l)	357	79	362	514	152	3/13/02	6/6/17
Iron (mg/l)	0.017	0.021	0.088	0.095	0.007	4/24/24	12/7/20
Manganese (mg/l)	0.35	0.62	4.51	4.51	0.0006	2/27/18	6/23/21
Sodium (mg/l)	143	176	1,324	1,350	26	6/6/17	1/25/24
Magnesium (mg/l)	239	235	1,892	1,970	79	6/6/17	3/16/20

GW-N45							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	8.2	0.2	1.7	8.8	7.1	2/19/14	6/1/03
Lab Cond. (umhos/cm)	6,816	3,284	12,840	14,700	1,860	5/20/15	6/6/17
TDS (mg/l)	6,827	4,907	17,140	18,600	1,460	11/14/12	6/6/17
Sulfate (mg/l)	4,037	3,703	13,030	13,400	370	8/17/15	12/28/01
Calcium (mg/l)	95	66	288	307	19	11/14/12	12/1/21
Iron (mg/l)	0.1	0.175	0.687	0.700	.013	12/10/20	11/2/23
Manganese (mg/l)	0.38	0.57	1.92	1.92	0.003	3/14/17	6/6/17
Sodium (mg/l)	1,014	257	1,479	1,520	41	11/14/12	6/6/17
Magnesium (mg/l)	742	803	2,734	2,800	66	11/14/12	3/13/02

GW-N46							
Parameter	**Mean**	**Std dev**	**Range**	**Max.**	**Min.**	**Max at**	**Min at**
Lab pH	8.5	0.3	2.3	9.0	6.7	5/17/23	6/1/03
Lab Cond. (umhos/cm)	3,131	226	1,340	3,580	2,240	2/17/06	12/10/20
TDS (mg/l)	2,148	128	740	2,540	1,00	7/19/05	4/24/24
Sulfate (mg/l)	707	136	600	860	260	1/9/02	9/18/24
Calcium (mg/l)	14	28	259	264	5	6/4/05	5/17/23
Iron (mg/l)	0.032	0.027	0.109	0.116	0.007	6/1/22	11/2/23
Manganese (mg/l)	0.02	0.03	0.16	0.16	0.003	6/29/21	2/10/15
Sodium (mg/l)	741	46	216	833	617	3/9/05	2/9/16
Magnesium (mg/l)	8	3	26	30	4	6/4/05	7/19/23

A review of the water year for this series of wells down gradient to the mining and reclamation areas indicates one maximum value for iron occurred at GW-N44 and one minimum value for sodium. At GW-N45 one minimum value for iron occurred. Finally, at GW-46, three minimum values for TDS, sulfate, and iron occurred.

Groundwater Data Interpretation

The graphs in Appendix 4 provides the indicator parameters in comparison with the up-gradient and down-gradient locations with the overburden aquifer, coal aquifer, and underburden aquifer compared accordingly.

Overburden Aquifer

When comparing the up gradient (GW-N36) and down gradient (GW-N44) wells for the overburden aquifer, G-N44 tends to historically trend higher for the indicator parameters with the exceptions of iron, manganese, and sodium. The up-gradient conditions for the indicator parameters trend in a consistent manner with seasonal influences from local irrigation readily apparent in the data. The down gradient conditions are all trending downward and indicate water quality is stabilizing downgradient of mining and reclamation areas on Tuttle Draw.

Coal Aquifer

When comparing the up gradient (GW-N37) and down gradient (GW-N45) wells for the coal aquifer, GW-N37 historically trends lower for all the indicator parameters. Further, the data indicates that the coal aquifer up gradient of mining and reclamation trends in a stable manner. Data obtained from GW-45 historically trends higher than the up-gradient condition. All of the indicator parameters for GW-45 are trending upward; however, sampling results for the past twelve quarters of sampling (with the exception of pH and iron) are showing a significant downward trend. This indicates that impacts from mining and reclamation on the down gradient coal aquifer are stabilizing out. Seasonal influences from local irrigation are not apparent in the data obtained from either well.

Underburden Aquifer

When comparing the up gradient (GW-N38) and down gradient (GW-N46) wells for the underburden aquifer, G-N38 historically tends to be dry thus the data evaluation is limited. Data obtained from GW-46 reveals for that all the indicator parameters are stable with a few outliers of high analytical results. Seasonal influences from local irrigation are not apparent in the data obtained from either well.

Groundwater Elevations

Groundwater elevations from all the wells are presented in Appendix 5. Data for GW-N36 and GW-N44 indicates a stable static water levels with noticeable seasonal influences from irrigation. GW-N37 (when water is available) and GW-N45 also indicated a stable water level in the Dakota Aquifer. More variability is present in underburden aquifer as shown for GW-N46, especially in the years when mining occurred. Overall, since reclamation has occurred water levels in the underburden aquifer (GW-N46) are stabilizing.

Appendix 1
Surface Water Monitoring Data

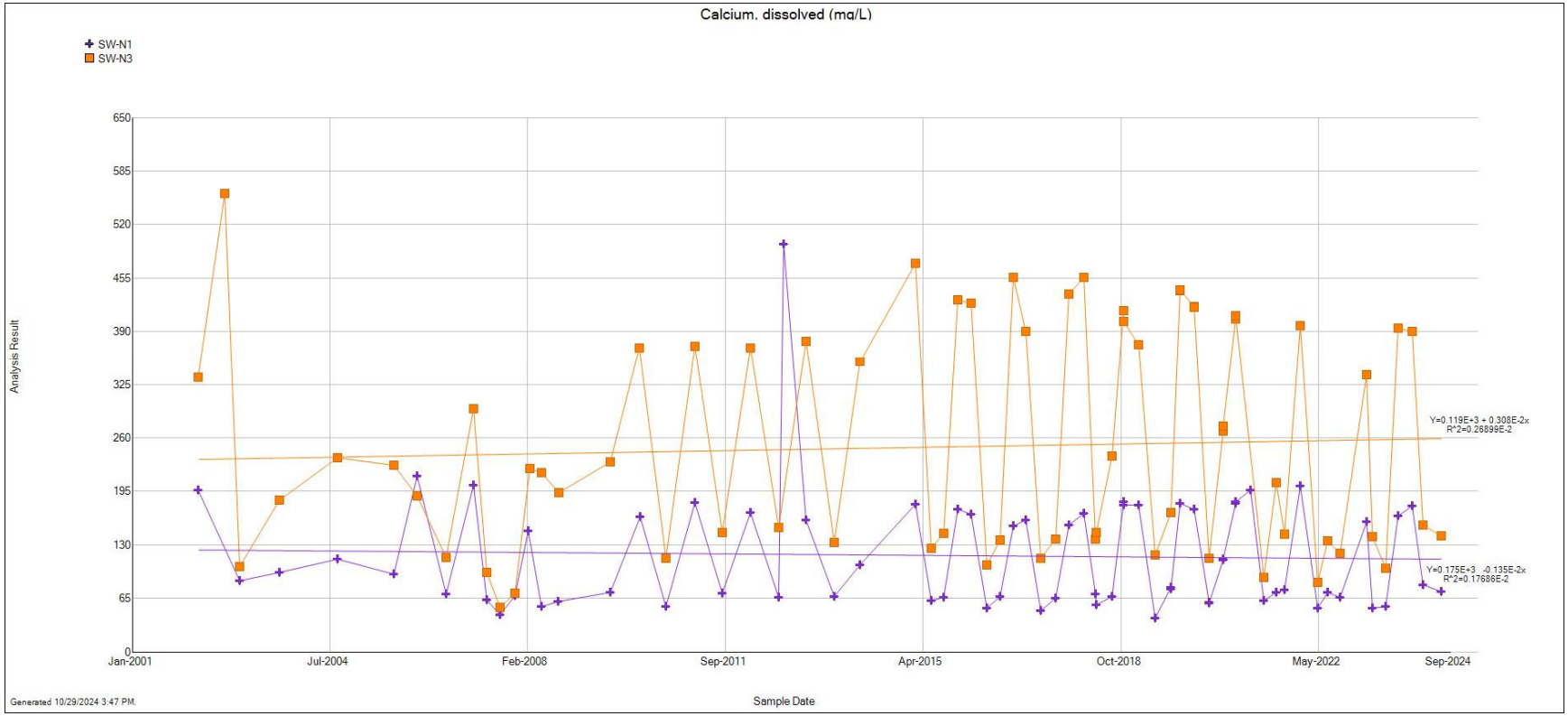
New Horizon Mine
Analysis Results by Date (column) and Parameter (row)
Date Range: 10/01/2023 to 09/30/2024
Site: SW-N1

	10/23/2023	1/23/2024	4/2/2024	7/30/2024
Al, tot rec, ug/L	70	89	200	1840
As, tot rec, ug/L	0.88	0.66	0.57	1.5
Ca, diss, mg/L	170	180	81	73
Cd, tot rec, ug/L	<0.050	<0.050	<0.050	0.17
Cl, diss, mg/L	15	19	8.6	3.7
Cu, diss, mg/L	<0.00080	<0.00080	0.0011	0.0011
Fe, tot rec, ug/L	340	360	130	550
HCO3, mg/L	400	390	150	120
Hg, tot, mg/L	<0.00020	<0.00020	<0.00020	<0.00020
Mg, diss, mg/L	86	110	20	11
Mn, diss, mg/L	0.048	0.14	0.024	<0.010
Na, diss, mg/L	34	42	12	6.5
NH3 as N, diss, mg/L	<0.10	0.1	<0.10	<0.10
NO2 + NO3, diss, mg/L	<0.020	0.02	<0.020	0.022
PO4, tot, mg/L	<0.030	0.03	<0.030	0.037
Pb, tot rec, ug/L	0.32	0.2	0.49	4.7
pH (field), pH	8.2	8.2	8.2	8.4
pH (lab), pH	8.4	8.1	7.9	6.5
SAR, ratio	0.54	0.62	0.31	0.19
Se, diss, mg/L	0.0002	0.00047	0.00066	0.00039
SO4, diss, mg/L	430	580	150	120
Spec. Cond. (field)	1330	831	569	458
Spec. Cond. (lab)	1410	1520	529	477
TDS, mg/L	1100	1100	390	330
TSS, mg/L	11	5	6	47
Zn, tot rec, ug/L	<20	<20	<20	23

New Horizon Mine
Analysis Results by Date (column) and Parameter (row)
Date Range: 10/01/2023 to 09/30/2024
Site: SW-N3

	10/23/2023	1/23/2024	4/2/2024	7/30/2024
Al, tot rec, ug/L	120	180	200	1790
As, tot rec, ug/L	0.79	0.75	0.53	1.4
Ca, diss, mg/L	390	390	150	140
Cd, tot rec, ug/L	<0.10	0.1	<0.050	0.19
Cl, diss, mg/L	16	17	11	6.4
Cu, diss, mg/L	<0.0016	<0.0016	<0.00080	<0.00080
Fe, tot rec, ug/L	550	750	240	650
HCO3, mg/L	460	450	210	200
Hg, tot, mg/L	<0.00020	<0.00020	<0.00020	<0.00020
Mg, diss, mg/L	180	180	58	47
Mn, diss, mg/L	0.56	0.75	0.15	0.068
Na, diss, mg/L	88	87	31	24
NH3 as N, diss, mg/L	1.1	1.1	<0.10	<0.10
NO2 + NO3, diss, mg/L	0.1	0.18	0.042	0.043
PO4, tot, mg/L	<0.030	<0.030	<0.030	0.037
Pb, tot rec, ug/L	0.24	0.2	0.37	4.7
pH (field), pH	7.3	7.7	7.9	7.8
pH (lab), pH	8.2	7.9	8	6.6
SAR, ratio	0.94	0.93	0.54	0.46
Se, diss, mg/L	<0.00020	0.00039	0.00038	0.00035
SO4, diss, mg/L	1500	1500	460	400
Spec. Cond. (field)	2791	1782	1163	1010
Spec. Cond. (lab)	2860	2720	1150	1060
TDS, mg/L	2600	2400	860	810
TSS, mg/L	5	7	<5.0	54
Zn, tot rec, ug/L	<40	<40	<20	21

Appendix 2
Surface Water Monitoring Graphs


Calcium, dissolved (mg/L)
SW-N1
SW-N3
650
585
520
455
390
325
260
195
130
65
0
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.119E+3 + 0.308E-2x
R^2=0.26899E-2
Y=0.175E+3 -0.135E-2x
R^2=0.17686E-2
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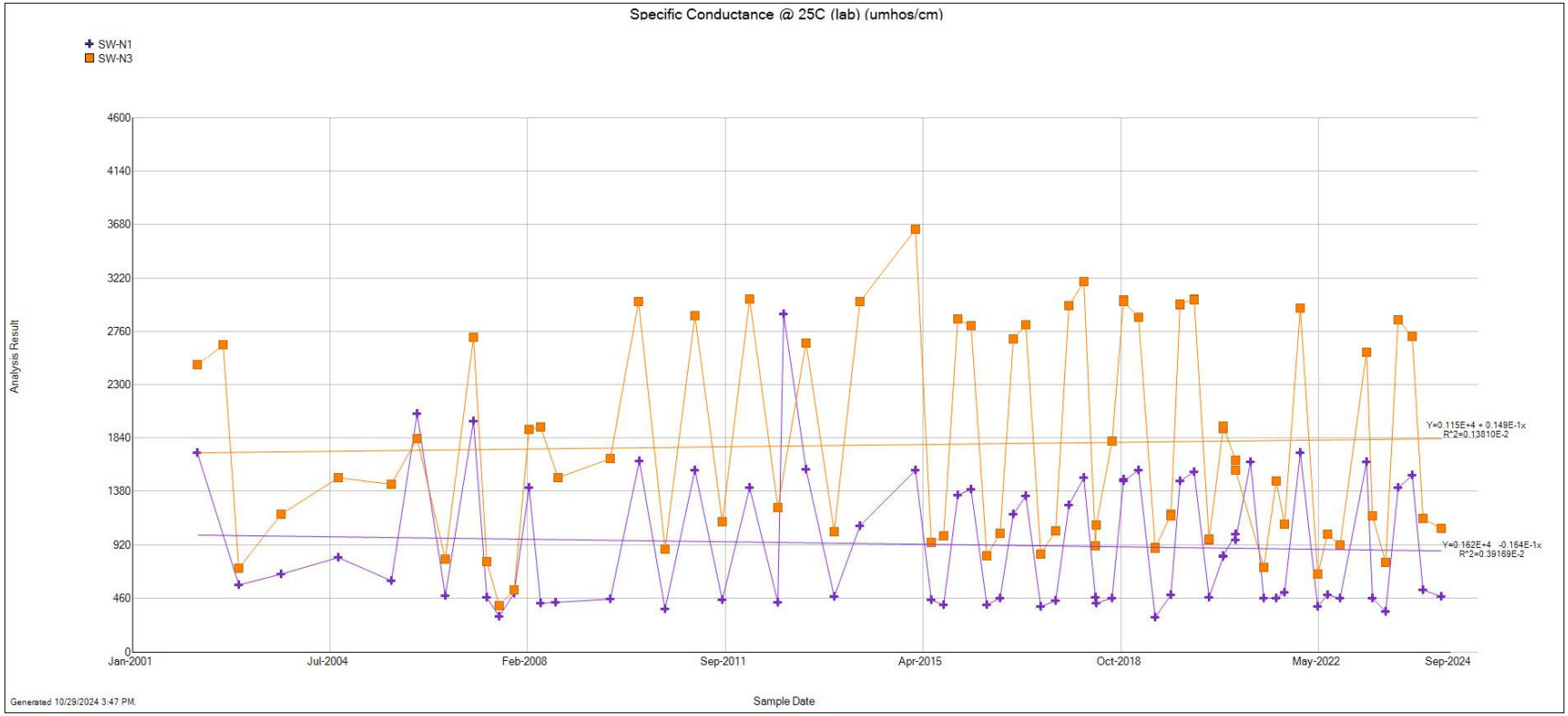
Specific Conductance @ 25C (lab) (umhos/cm)
SW-N1
SW-N3
Analysis Result
4600
4140
3680
3220
2760
2300
1840
1380
920
460
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.115E+4 + 0.149E-1x
R^2=0.13810E-2
Y=0.162E+4 -0.164E-1x
R^2=0.39169E-2
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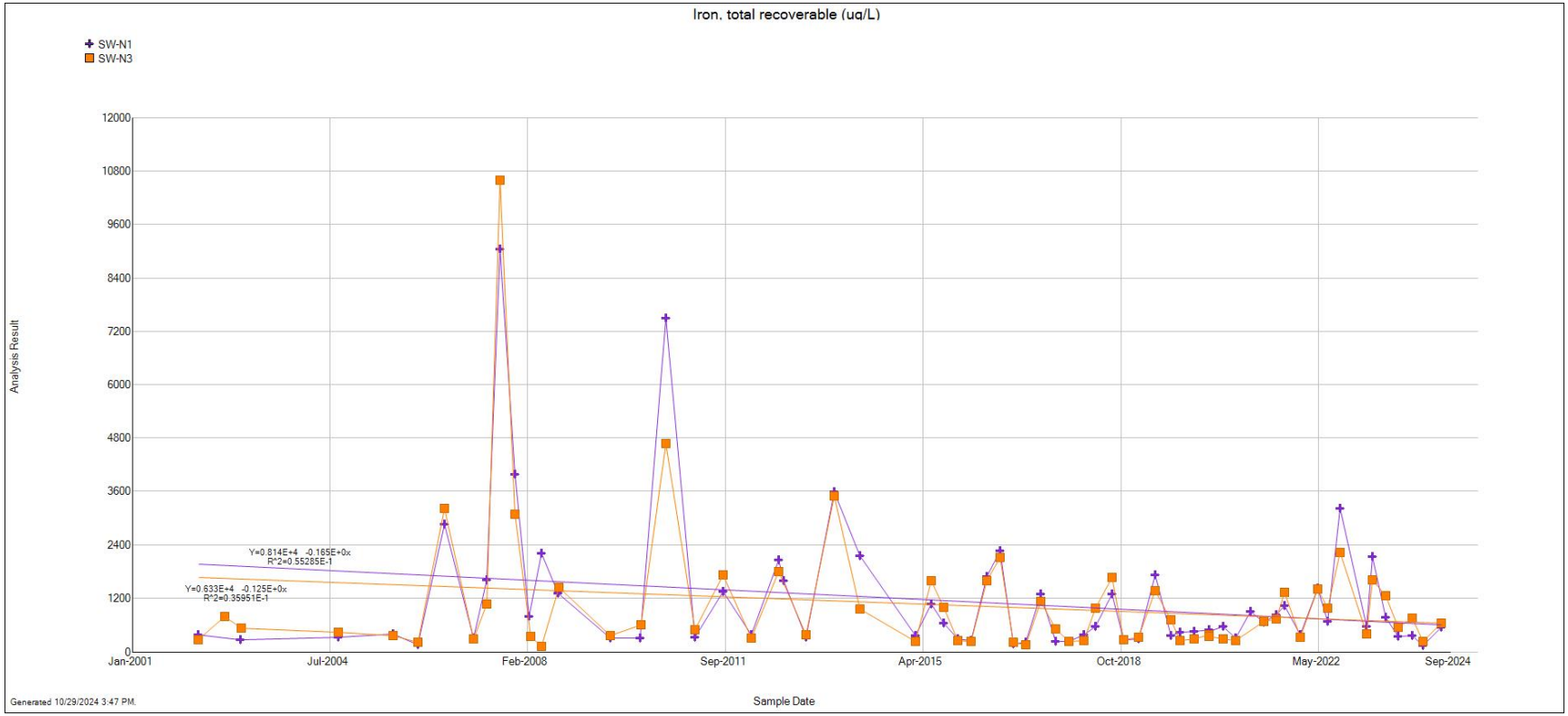
Sample Date


Iron, total recoverable (ug/L)
SW-N1
SW-N3
Analysis Result
12000
10800
9600
8400
7200
6000
4800
3600
2400
1200
0
Y=0.814E+4 -0.165E+0x
R^2=0.55285E-1
Y=0.633E+4 -0.125E+0x
R^2=0.35951E-1
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
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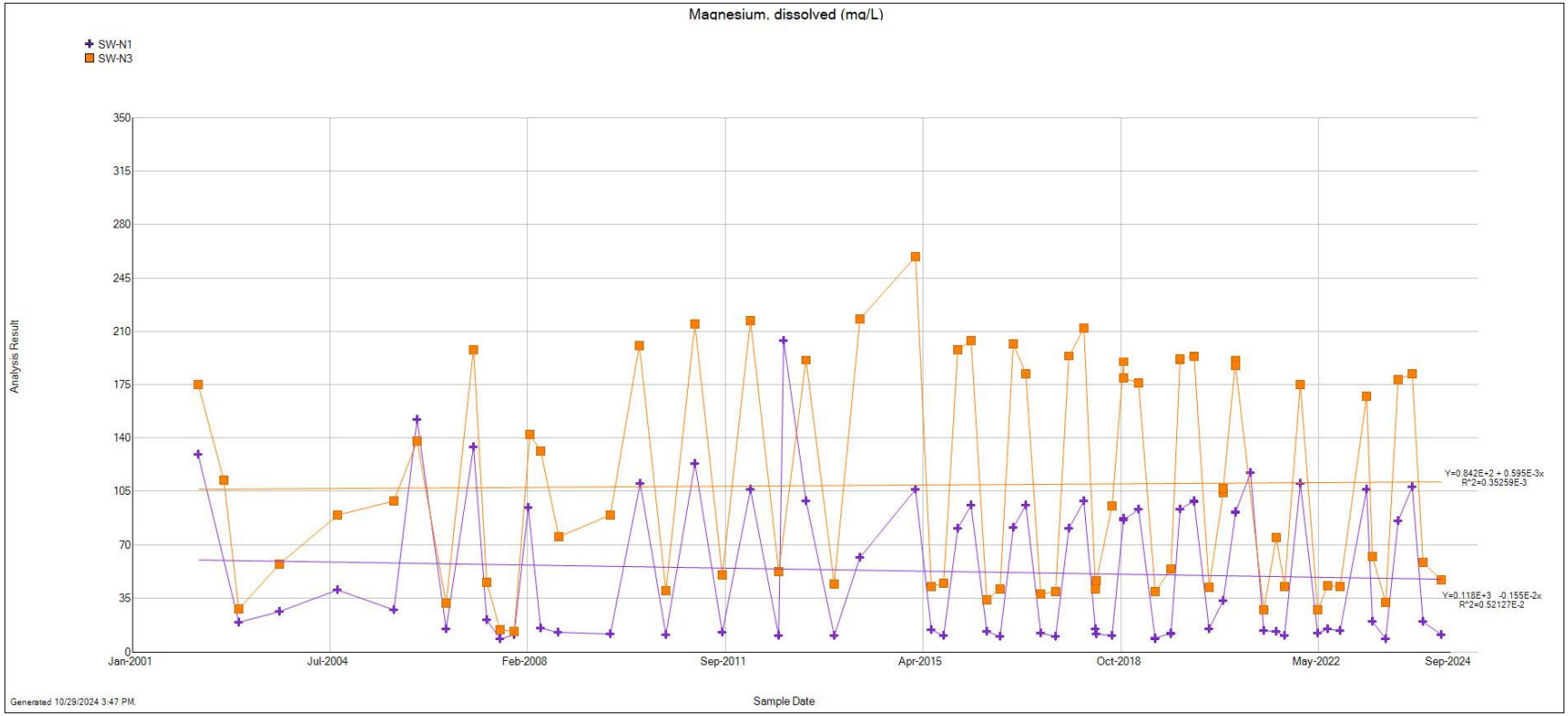
Magnesium, dissolved (mg/L)
SW-N1
SW-N3
Analysis Result
350
315
280
245
210
175
140
105
70
35
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.842E+2 + 0.595E-3x
R^2=0.35259E-3
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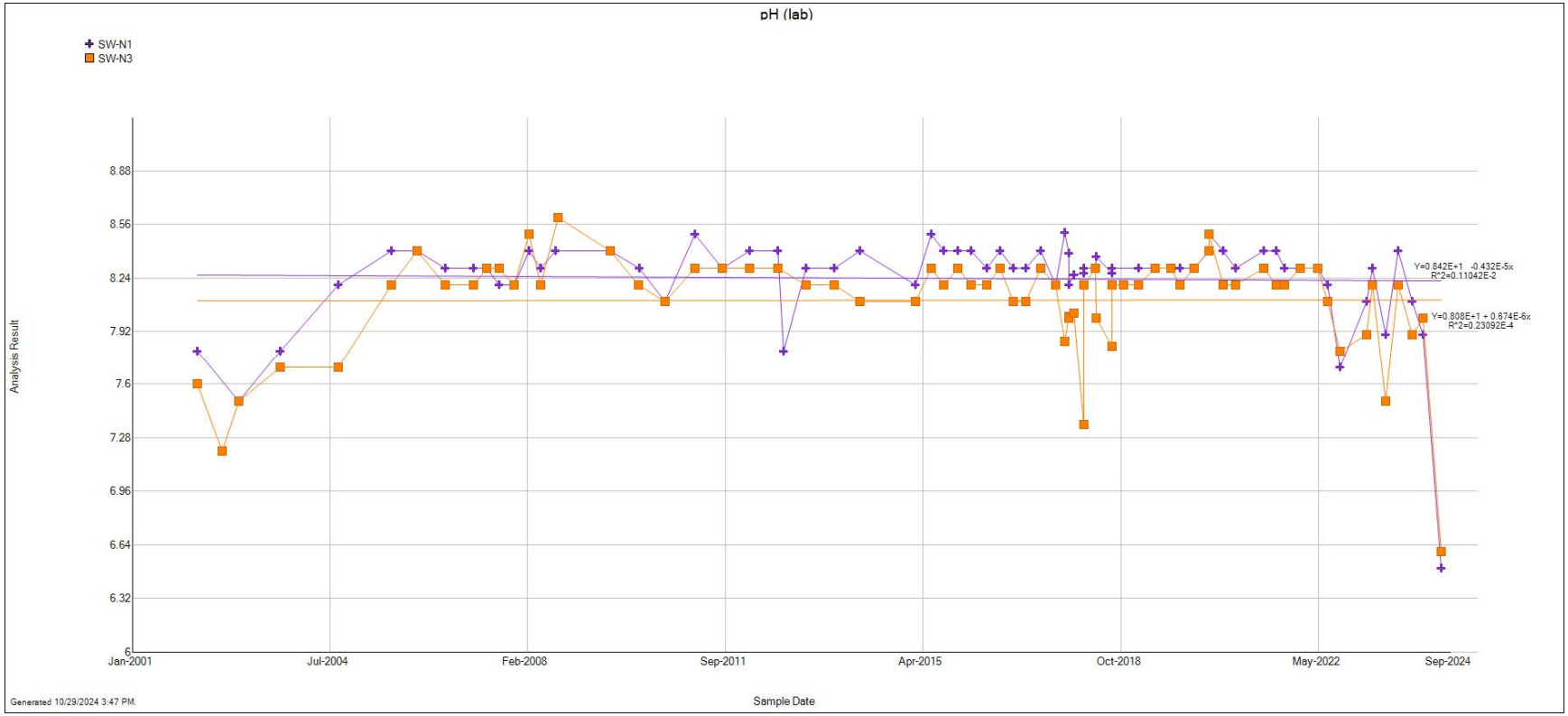
Generated 10/29/2024 3:47 PM.


pH (lab)
SW-N1
SW-N3
8.88
8.56
8.24
7.92
7.6
7.28
6.96
6.64
6.32
6
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.842E+1 -0.432E-5x
R^2=0.11042E-2
Y=0.808E+1 + 0.674E-6x
R^2=0.23092E-4
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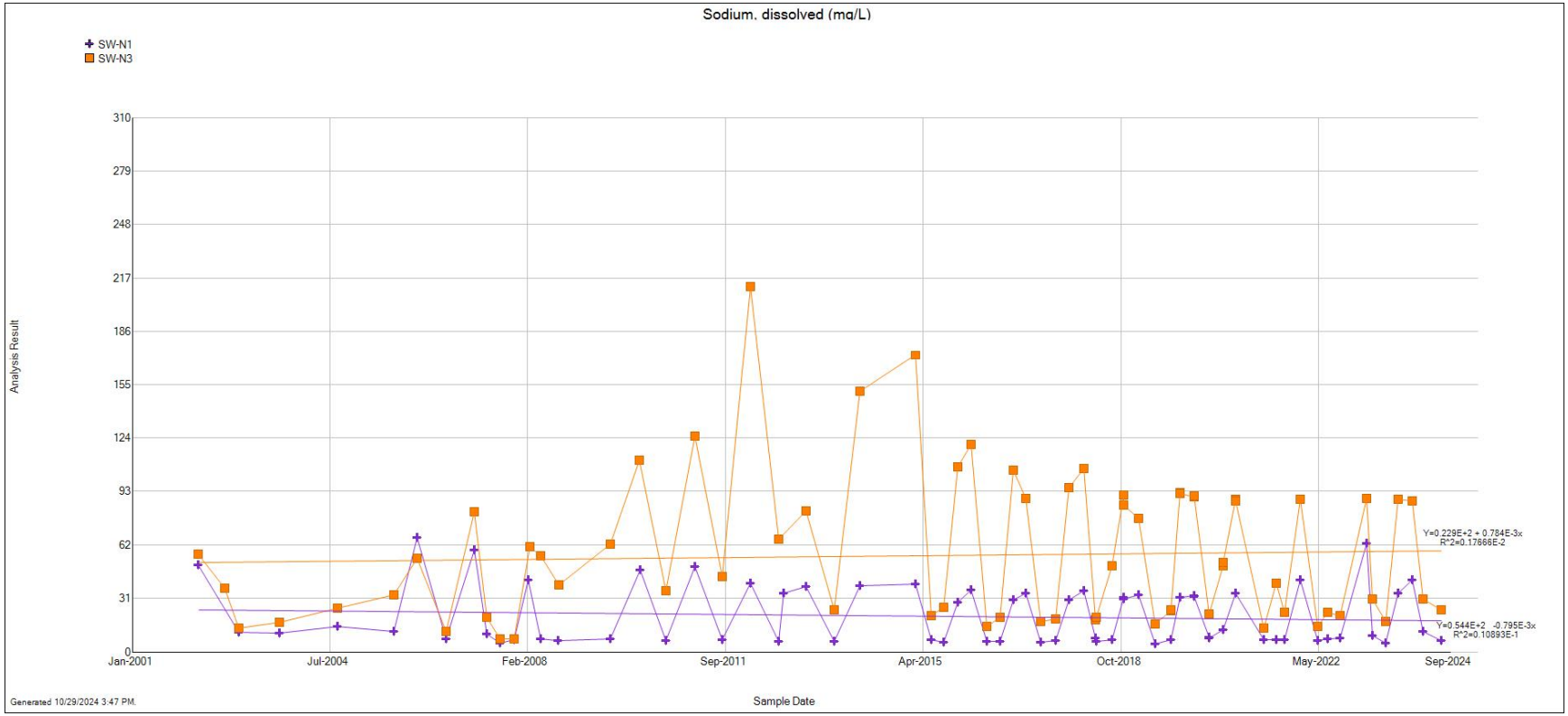
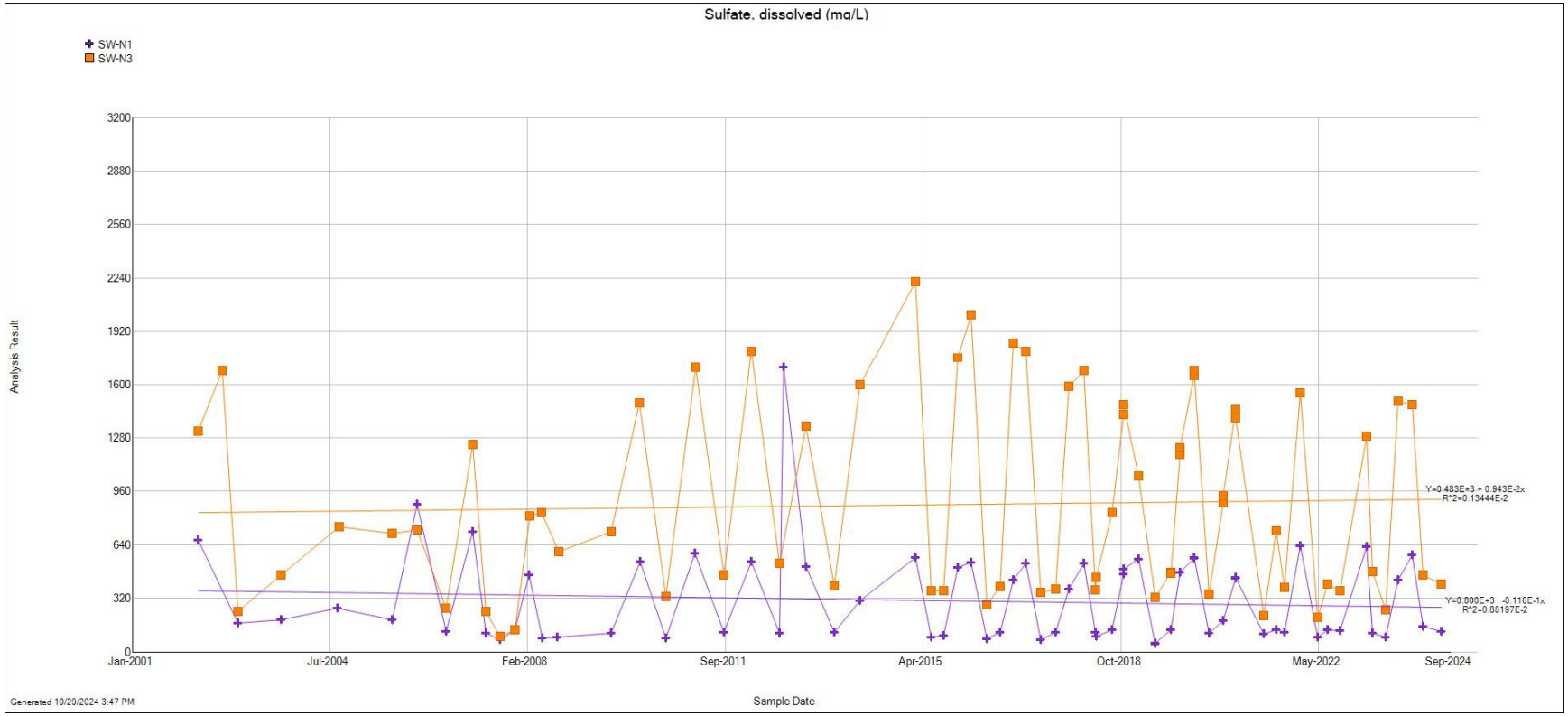
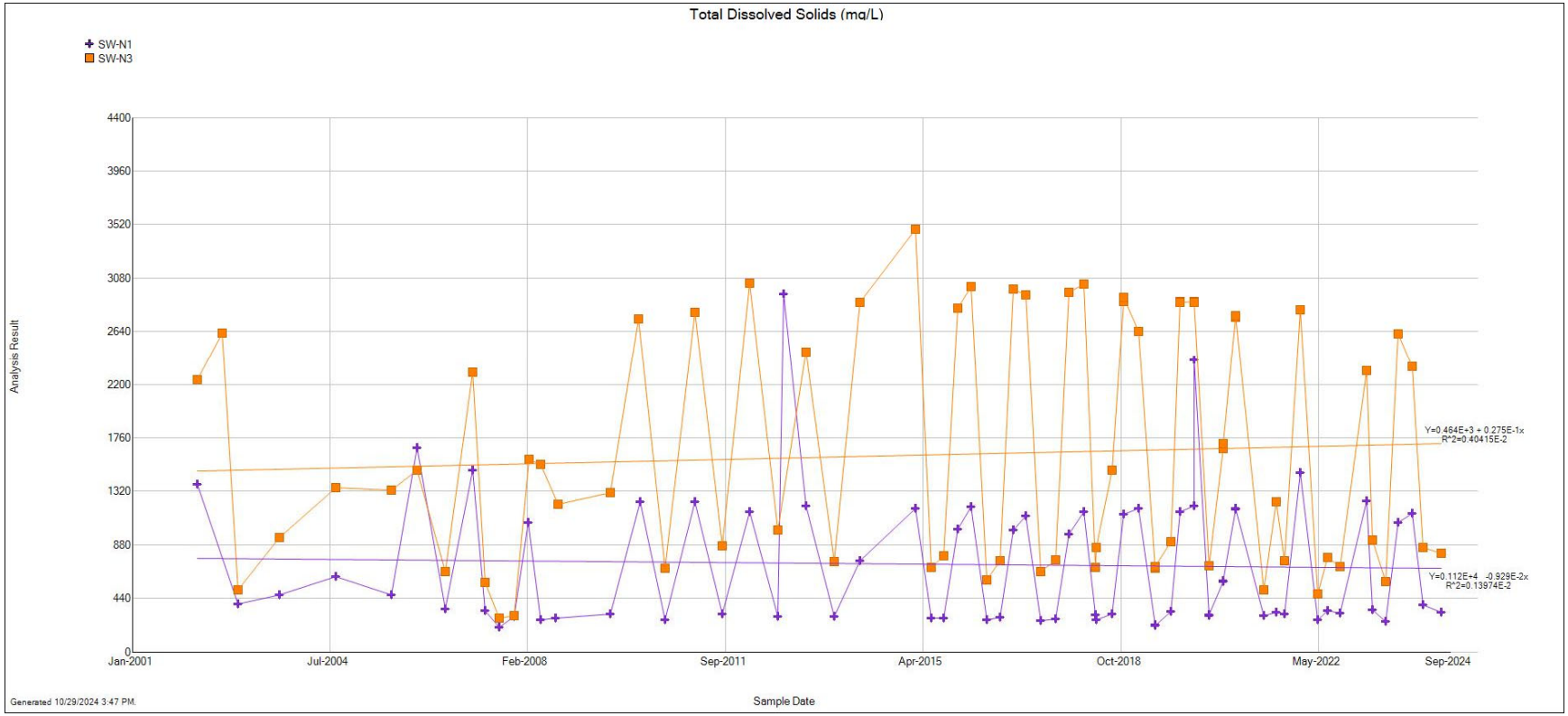

Sodium, dissolved (mg/L)
SW-N1
SW-N3
Analysis Result
310
279
248
217
186
155
124
93
62
31
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.229E+2 + 0.784E-3x
R^2=0.17666E-2
Y=0.544E+2 + -0.795E-3x
R^2=0.10893E-1
Generated 10/29/2024 3:47 PM.
Sample Date


Sulfate, dissolved (mg/L)
SW-N1
SW-N3
Analysis Result
3200
2880
2560
2240
1920
1600
1280
960
640
320
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.483E+3 + 0.943E-2x
R^2=0.13444E-2
Y=0.800E+3 -0.116E-1x
R^2=0.88197E-2
Generated 10/29/2024 3:47 PM.
Sample Date


Total Dissolved Solids (mg/L)
SW-N1
SW-N3
Analysis Result
4400
3960
3520
3080
2640
2200
1760
1320
880
440
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.464E+3 + 0.275E-1x
R^2=0.40415E-2
Y=0.112E+4 -0.929E-2x
R^2=0.13974E-2
Generated 10/29/2024 3:47 PM.
Sample Date

Appendix 3
Groundwater Monitoring Data

New Horizon Mine
Analysis Results by Date (column) and Parameter (row)
Date Range: 10/01/2023 to 09/30/2024
Well: GW-N36

	11/1/2023	1/25/2024	5/6/2024	9/18/2024
Al, diss, mg/L	0.0055	0.024	0.012	0.2
Alkalinity, lab, mg/L	490	590	620	87
As, diss, mg/L	<0.00020	0.00021	<0.00020	<0.00020
Ca, diss, mg/L	180	170	180	69
Cation-Anion Bal, %	0	-9.5	-6.4	3.6
Cl, diss, mg/L	30	29	28	12
CO3, mg/L	<2.0	<2.0	<2.0	<2.0
Fe, diss, mg/L	0.035	0.08	0.057	0.14
HCO3, mg/L	490	590	620	87
Hg, diss, mg/L	<0.00020	<0.00020	<0.00020	<0.00020
K, diss, mg/L	28	27	32	7.8
Mg, diss, mg/L	82	79	94	28
Mn, diss, mg/L	0.16	0.1	0.06	0.088
Mo, diss, mg/L	<0.020	<0.020	<0.020	<0.020
Na, diss, mg/L	83	80	92	28
NH3 as N, diss, mg/L	0.86	0.87	0.96	0.13
NO2, diss, mg/L	0.011	<0.010	<0.010	<0.010
NO3, diss, mg/L	0.13	0.23	0.14	0.26
Orthophosphate, diss, mg/l	0.05	0.04	0.04	0.034
Pb, diss, mg/L	<0.00010	<0.00010	0.00017	0.00032
pH (field), pH	6.9	7	6.9	6.5
pH (lab), pH	7.7	7.6	7.3	6.2
Se, diss, mg/L	<0.00010	<0.00010	<0.00010	0.0016
SO4, diss, mg/L	450	480	550	220
Spec. Cond. (field), umhos/cm	1626	1756	1858	712
Spec. Cond. (lab), umhos/cm	1660	1740	1380	695
TDS, mg/L	1300	1400	1400	490
Temp (Celcius), degrees C	11.2	11.7	13.9	14.1
Zinc, diss, mg/l	0.035	0.025	0.04	0.072

New Horizon Mine

Analysis Results by Date (column) and Parameter (row)

Date Range: 10/01/2023 to 09/30/2024

Well: GW-N37

	11/1/2023	1/25/2024	5/6/2024	9/18/2024
Al, diss, mg/L	Dry	Dry	Dry	0.95
Alkalinity, lab, mg/L				<2.0
As, diss, mg/L				0.0002
Ca, diss, mg/L				44
Cation-Anion Bal, %				3.4
Cl, diss, mg/L				9.4
CO3, mg/L				<2.0
Fe, diss, mg/L				0.036
HCO3, mg/L				<2.0
Hg, diss, mg/L				<0.00020
K, diss, mg/L				1.8
Mg, diss, mg/L				17
Mn, diss, mg/L				0.024
Mo, diss, mg/L				<0.020
Na, diss, mg/L				16
NH3 as N, diss, mg/L				<0.10
NO2, diss, mg/L				<0.010
NO3, diss, mg/L				0.27
Orthophosphate, diss, mg/l				0.034
Pb, diss, mg/L				0.0012
pH (field), pH				4.1
pH (lab), pH				4.6
Se, diss, mg/L				0.0025
SO4, diss, mg/L				180
Spec. Cond. (field),				476
Spec. Cond. (lab), umhos/cm				5830
TDS, mg/L				370
Temp (Celcius), degrees C				14.3
Zinc, diss, mg/l				0.049

New Horizon Mine
Analysis Results by Date (column) and Parameter (row)
Date Range: 10/01/2023 to 09/30/2024
Well: GW-N38

	11/1/2023	1/25/2024	5/6/2024	9/18/2024
Al, diss, mg/L	Dry	Dry	Dry	Dry
Alkalinity, lab, mg/L				
As, TD, mg/L				
Ca, diss, mg/L				
Cation-Anion Bal, %				
Cl, diss, mg/L				
CO3, mg/L				
Fe, diss, mg/L				
Fe, tot rec, ug/L				
HCO3, mg/L				
Hg, diss, mg/L				
K, diss, mg/L				
Mg, diss, mg/L				
Mn, TD, mg/L				
Mo, diss, mg/L				
Na, diss, mg/L				
NH3 as N, diss, mg/L				
NO2 + NO3, diss, mg/L				
NO2, diss, mg/L				
NO3, diss, mg/L				
pH (field), pH				
pH (lab), pH				
Se, TD, mg/L				
SO4, diss, mg/L				
Spec. Cond. (field), umhos/cm				
Spec. Cond. (lab), umhos/cm				
TDS, mg/L				
Temp (Celcius), degrees C				
Temp (Celcius), degrees C				
Zn, TD, mg/L				

New Horizon Mine

Analysis Results by Date (column) and Parameter (row)

Date Range: 10/01/2023 to 09/30/2024

Well: GW-N44

	11/2/2023	1/25/2024	4/24/2024	9/18/2024
Al, diss, mg/L	0.013	0.009	0.02	0.0074
Alkalinity, lab, mg/L	380	360	370	400
As, diss, mg/L	<0.00020	0.00025	<0.0	0.00025
Ca, diss, mg/L	280	270	320	320
Cation-Anion Bal, %	-2.1	-4.3	0	0
Cl, diss, mg/L	11	8.1	9.3	6.9
CO3, mg/L	<2.0	<2.0	<0.0	<2.0
Fe, diss, mg/L	<0.0070	0.011	0.095	0.015
HCO3, mg/L	380	360	370	400
Hg, diss, mg/L	<0.00020	<0.00020	<0.0	<0.00020
K, diss, mg/L	1.9	1.7	1.9	2
Mg, diss, mg/L	88	82	100	130
Mn, diss, mg/L	<0.010	<0.010	0.033	<0.010
Mo, diss, mg/L	<0.020	<0.020	<0.0	<0.020
Na, diss, mg/L	28	26	30	58
NH3 as N, diss, mg/L	<0.10	<0.10	<0.0	<0.10
NO2, diss, mg/L	<0.010	<0.010	<0.0	<0.010
NO3, diss, mg/L	0.22	0.13	0.13	0.16
Orthophosphate, diss, mg/l	<0.030	0.043	<0.0	0.034
Pb, diss, mg/L	0.00036	<0.00010	<0.0	<0.00010
pH (field), pH	7.2	7.3	7.3	7.4
pH (lab), pH	8	7.7	7.6	7.4
Se, diss, mg/L	0.0056	0.0051	0.0039	0.0038
SO4, diss, mg/L	740	800	870	970
Spec. Cond. (field), umhos/cm	1840	1855	1915	1929
Spec. Cond. (lab), umhos/cm	1720	1800	2030	2050
TDS, mg/L	1500	1500	1700	1700
Temp (Celcius), degrees C	8.3	8.8	9.9	10.7
Zinc, diss, mg/l	<0.020	<0.020	0.052	<0.020

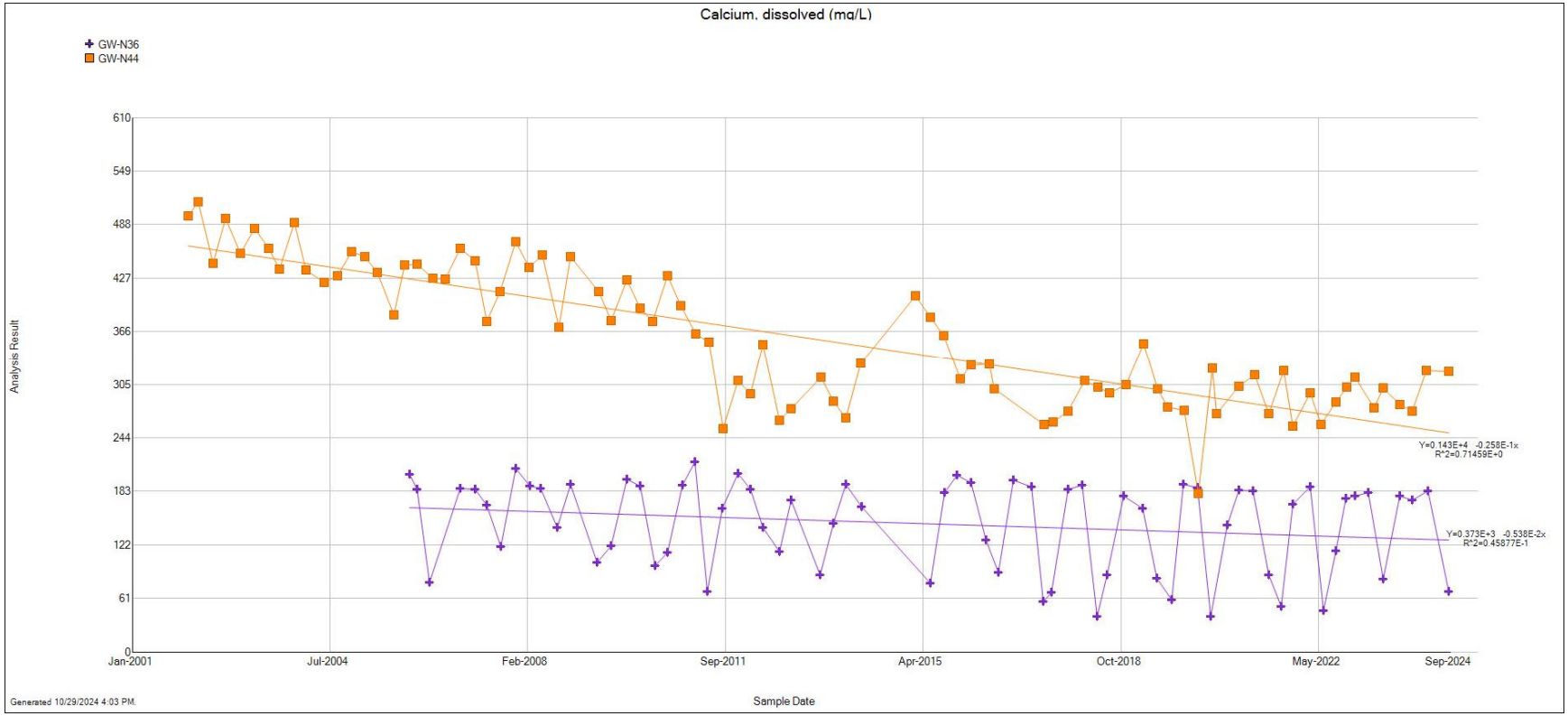
New Horizon Mine
Analysis Results by Date (column) and Parameter (row)
Date Range: 10/01/2023 to 09/30/2024
Well: GW-N45

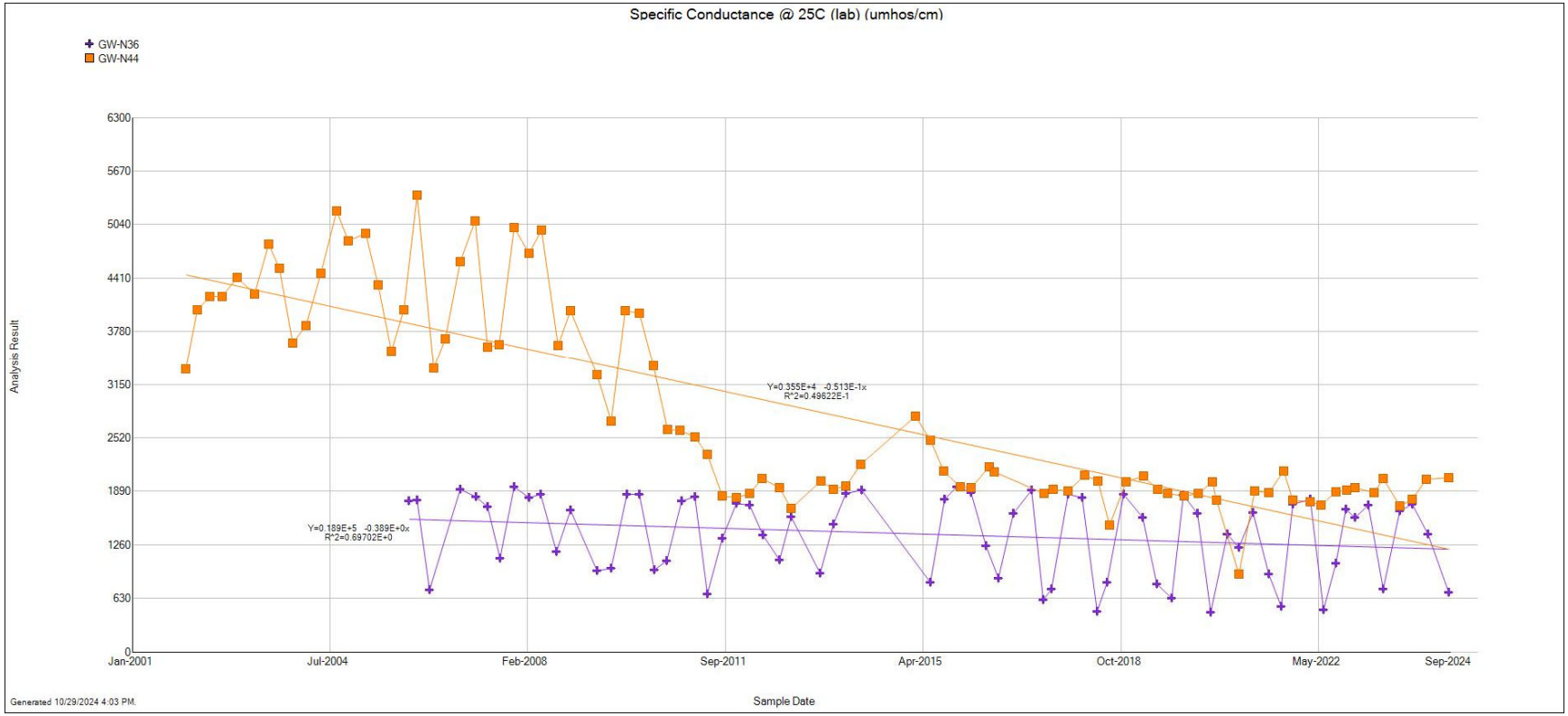
	11/2/2023	1/25/2024	4/24/2024	9/18/2024
Al, diss, mg/L	0.0084	0.02	0.064	0.23
Alkalinity, lab, mg/L	1400	1300	1200	1200
As, diss, mg/L	<0.00020	0.00091	0.0011	0.0017
Ca, diss, mg/L	22	25	32	30
Cation-Anion Bal, %	-5	-6.7	-2.4	0
Cl, diss, mg/L	54	49	50	61
CO3, mg/L	100	110	180	<2.0
Fe, diss, mg/L	0.013	0.11	0.098	0.3
HCO3, mg/L	1300	1200	1100	1200
Hg, diss, mg/L	<0.00020	<0.00020	<0.0	<0.00020
K, diss, mg/L	6.7	7.1	8.4	7.6
Mg, diss, mg/L	170	180	250	200
Mn, diss, mg/L	0.14	0.14	0.19	0.2
Mo, diss, mg/L	<0.020	<0.040	<0.0	<0.020
Na, diss, mg/L	730	740	840	770
NH3 as N, diss, mg/L	1.2	1.2	1.1	1.2
NO2, diss, mg/L	<0.010	<0.010	<0.0	<0.010
NO3, diss, mg/L	<0.020	<0.020	<0.0	<0.020
Orthophosphate, diss, mg/l	0.6	0.33	0.33	0.33
Pb, diss, mg/L	<0.00010	<0.00020	0.00071	0.0017
pH (field), pH	8.1	8	8.1	8
pH (lab), pH	8.6	8.2	8.2	8
Se, diss, mg/L	0.034	0.086	<0.0	0.0011
SO4, diss, mg/L	1100	1300	1800	1200
Spec. Cond. (field), umhos/cm	4165	4359	4436	4050
Spec. Cond. (lab), umhos/cm	3910	4180	4730	4260
TDS, mg/L	2900	3200	3400	3200
Temp (Celcius), degrees C	10.2	9.7	12.4	11.3
Zinc, diss, mg/l	<0.020	<0.040	0.099	<0.020

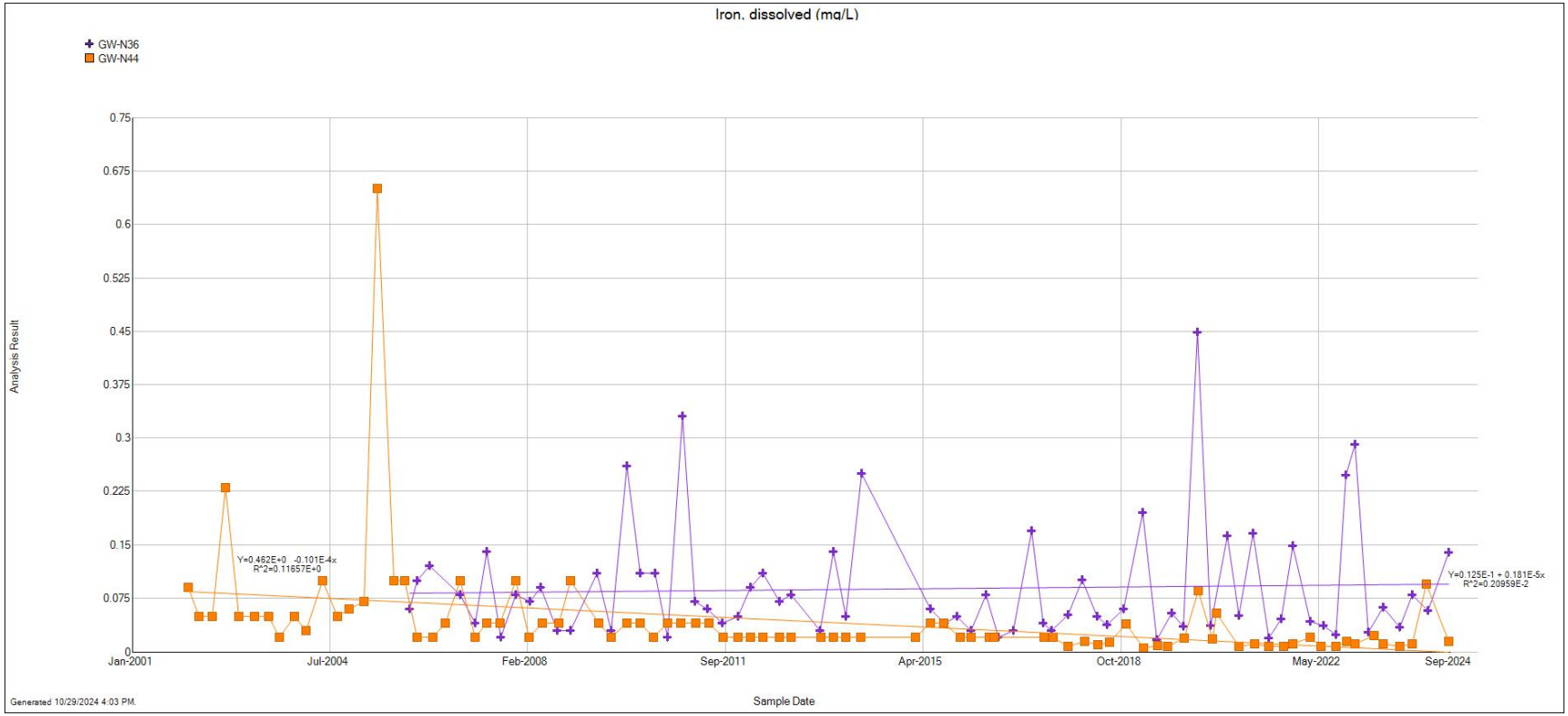
New Horizon Mine
Analysis Results by Date (column) and Parameter (row)
Date Range: 10/01/2023 to 09/30/2024
Well: GW-N46

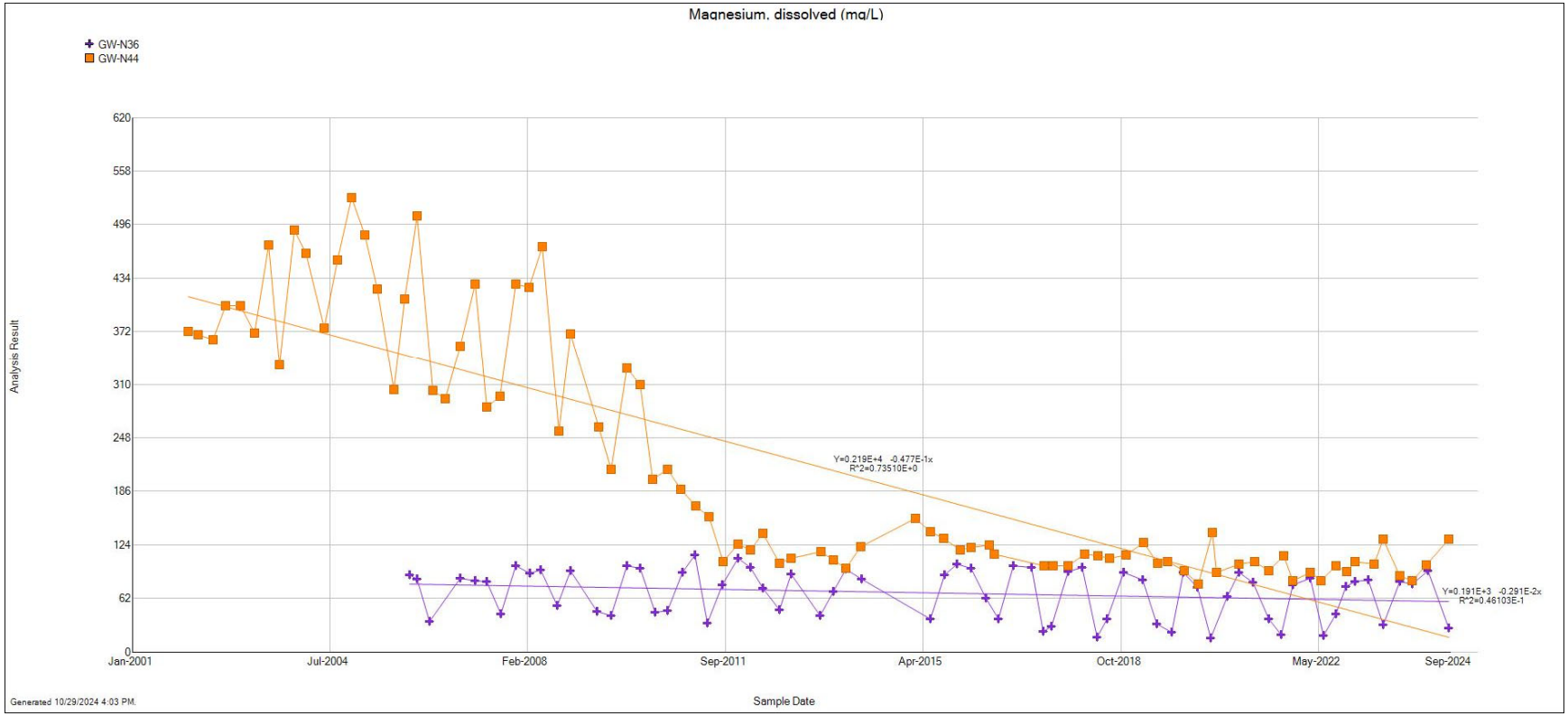
	11/2/2023	1/25/2024	4/24/2024	9/18/2024
Al, diss, mg/L	<0.0050	<0.010	0.0088	0.0088
Alkalinity, lab, mg/L	1400	1300	1200	1200
As, diss, mg/L	<0.00020	<0.00040	<0.0	<0.00020
Ca, diss, mg/L	5.1	4.9	5.4	5.2
Cation-Anion Bal, %	-4.5	-9.1	-4.5	-3.1
Cl, diss, mg/L	87	85	97	87
CO3, mg/L	170	180	340	280
Fe, diss, mg/L	<0.0070	0.017	0.023	0.015
HCO3, mg/L	1200	1200	900	950
Hg, diss, mg/L	<0.00020	<0.00020	<0.0	<0.00020
K, diss, mg/L	6.3	6	6.4	6.2
Mg, diss, mg/L	3.8	3.6	4.1	4
Mn, diss, mg/L	<0.010	<0.010	<0.0	<0.010
Mo, diss, mg/L	<0.020	<0.020	<0.0	<0.020
Na, diss, mg/L	710	660	700	690
NH3 as N, diss, mg/L	1.1	0.97	0.73	0.88
NO2, diss, mg/L	<0.010	<0.010	<0.0	<0.010
NO3, diss, mg/L	<0.020	<0.020	<0.0	<0.020
Orthophosphate, diss, mg/l	0.48	0.49	0.49	0.48
Pb, diss, mg/L	<0.00010	<0.00020	0.00021	0.00019
pH (field), pH	8.6	8.6	8.5	8.5
pH (lab), pH	9	8.7	8.7	8.6
Se, diss, mg/L	0.012	0.027	<0.0	0.0092
SO4, diss, mg/L	260	330	350	260
Spec. Cond. (field), umhos/cm	3010	2916	2808	2070
Spec. Cond. (lab), umhos/cm	2820	2880	3000	2920
TDS, mg/L	1900	1900	1800	1900
Temp (Celcius), degrees C	9.1	9.5	11.9	11.2
Zinc, diss, mg/l	<0.020	<0.020	0.09	<0.020

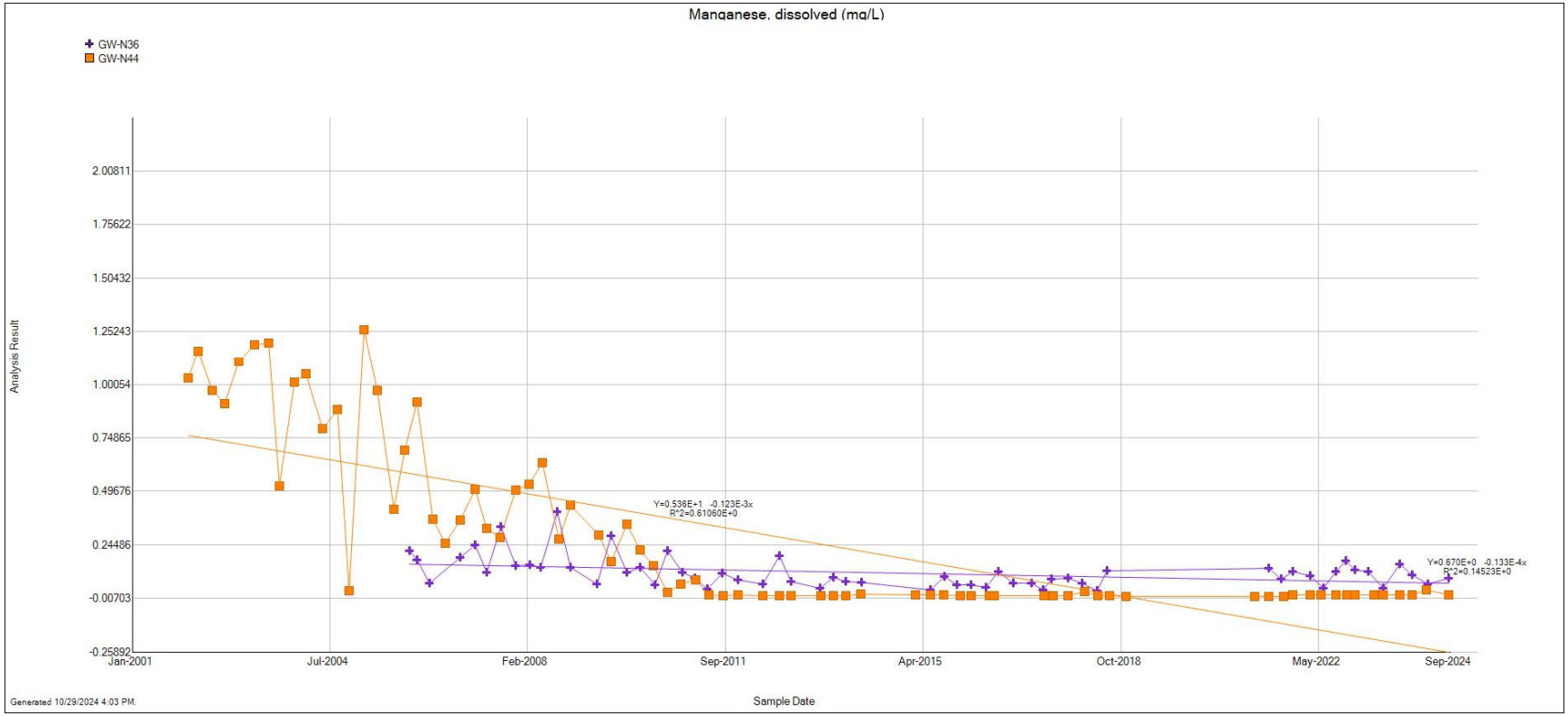
Appendix 4
Groundwater Monitoring Graphs

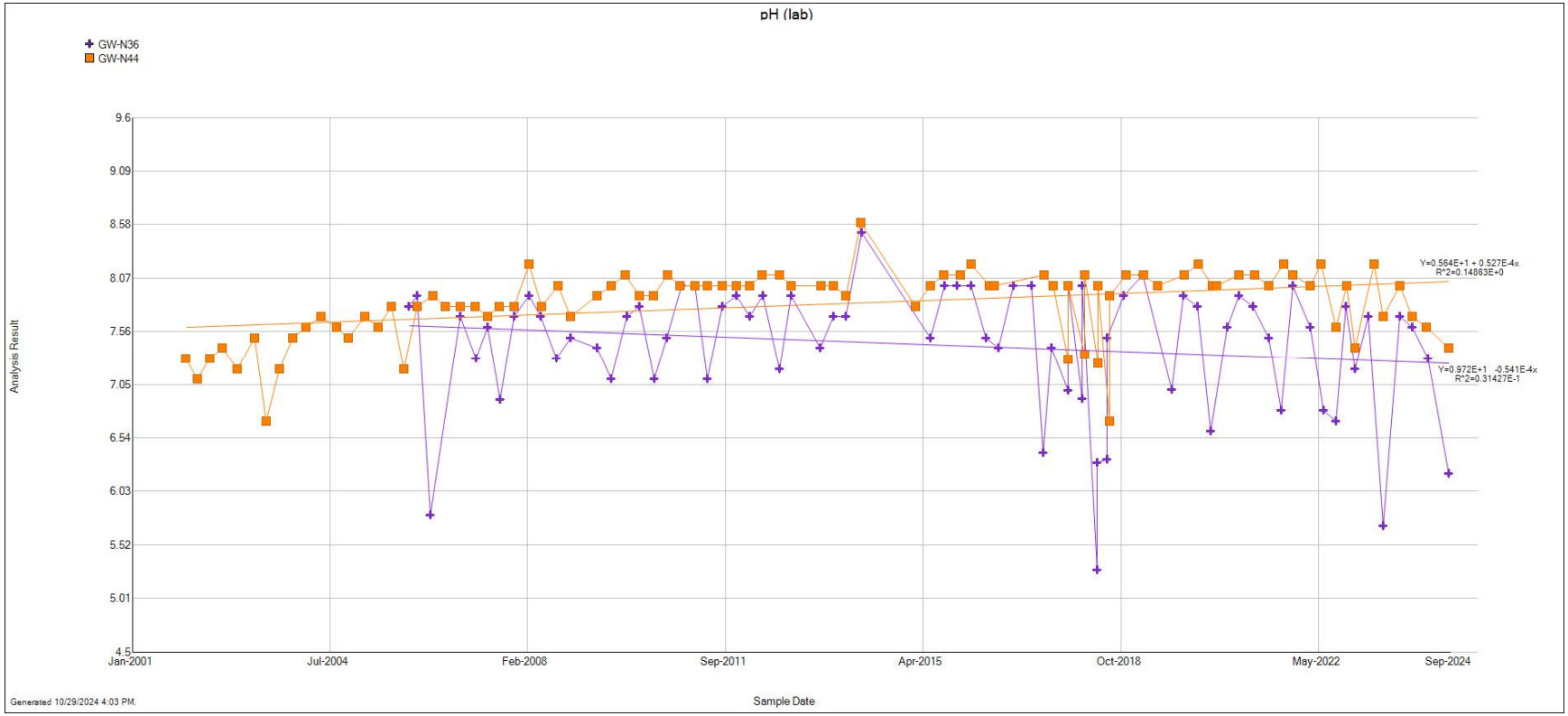

Calcium, dissolved (mg/L)
GW-N36
GW-N44
610
549
488
427
366
305
244
183
122
61
0
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.143E+4 -0.258E-1x
R^2=0.71459E+0
Y=0.373E+3 -0.538E-2x
R^2=0.45877E-1
Generated 10/29/2024 4:03 PM.

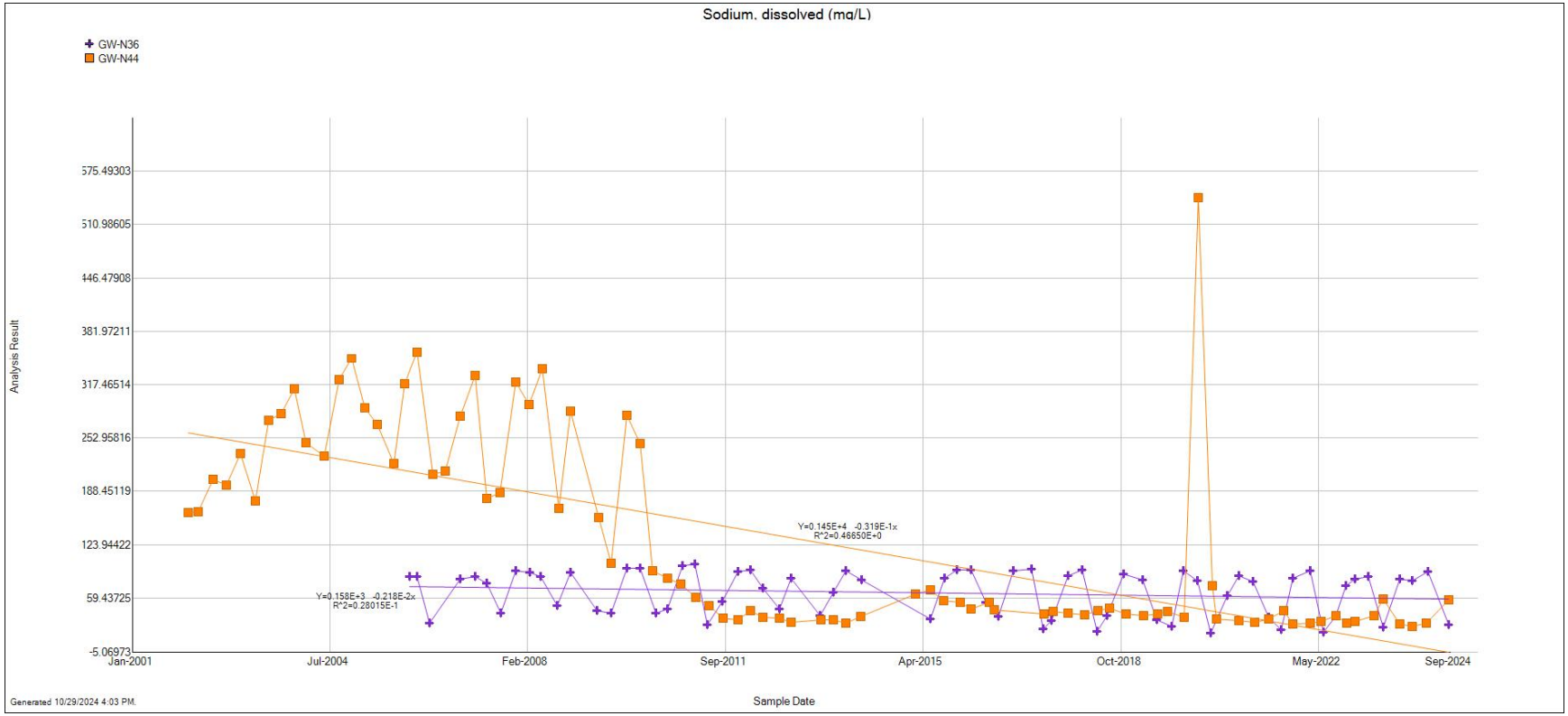

Specific Conductance @ 25C (lab) (umhos/cm)
GW-N36
GW-N44
Analysis Result
6300
5670
5040
4410
3780
3150
2520
1890
1260
630
0
Y=0.355E+4 -0.513E-1x
R^2=0.49622E-1
Y=0.189E+5 -0.389E+0x
R^2=0.69702E+0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Generated 10/29/2024 4:03 PM.
Sample Date

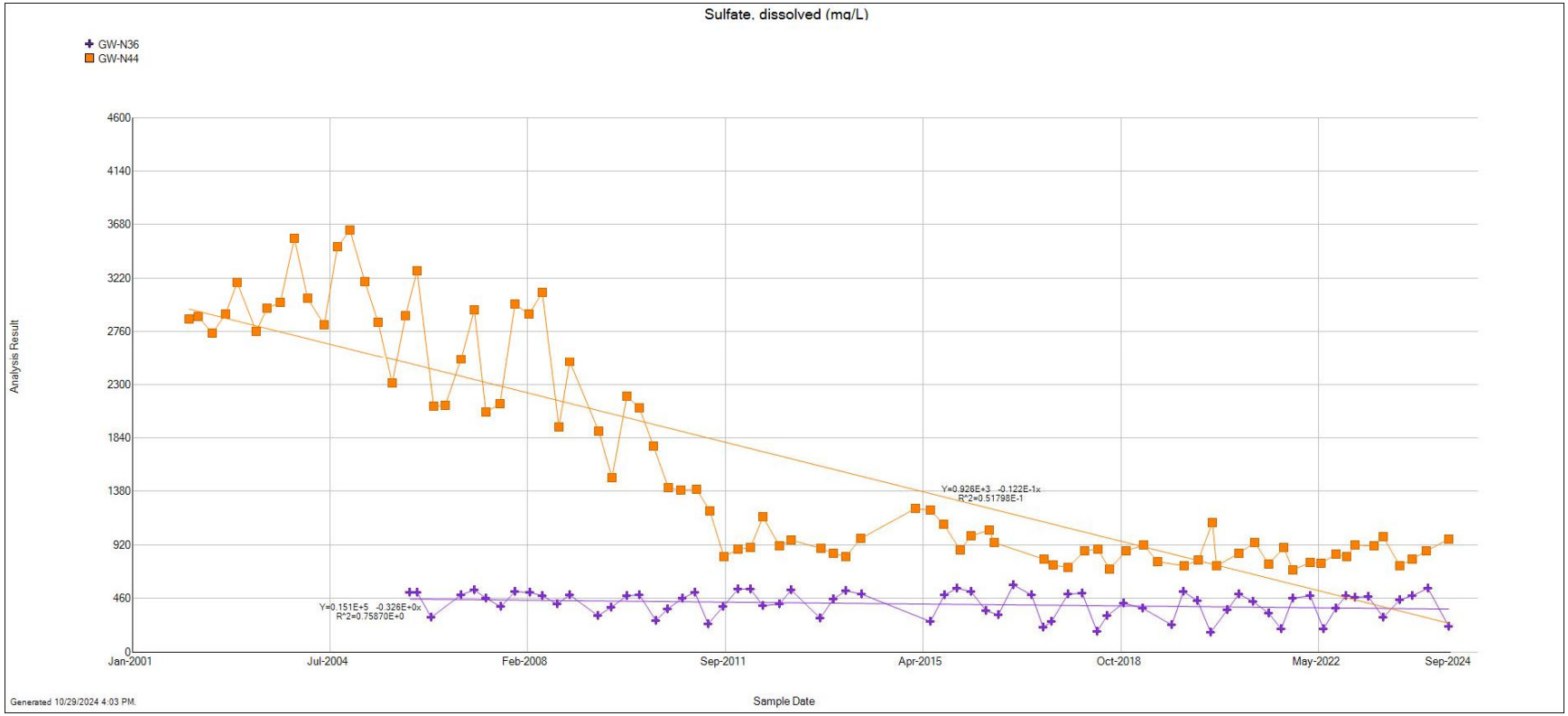

Iron, dissolved (mg/L)
GW-N36
GW-N44
Analysis Result
0.75
0.675
0.6
0.525
0.45
0.375
0.3
0.225
0.15
0.075
0
Y=0.462E+0 -0.101E-4x
R^2=0.11657E+0
Y=0.125E-1 + 0.181E-5x
R^2=0.20959E-2
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Generated 10/29/2024 4:03 PM.
Sample Date

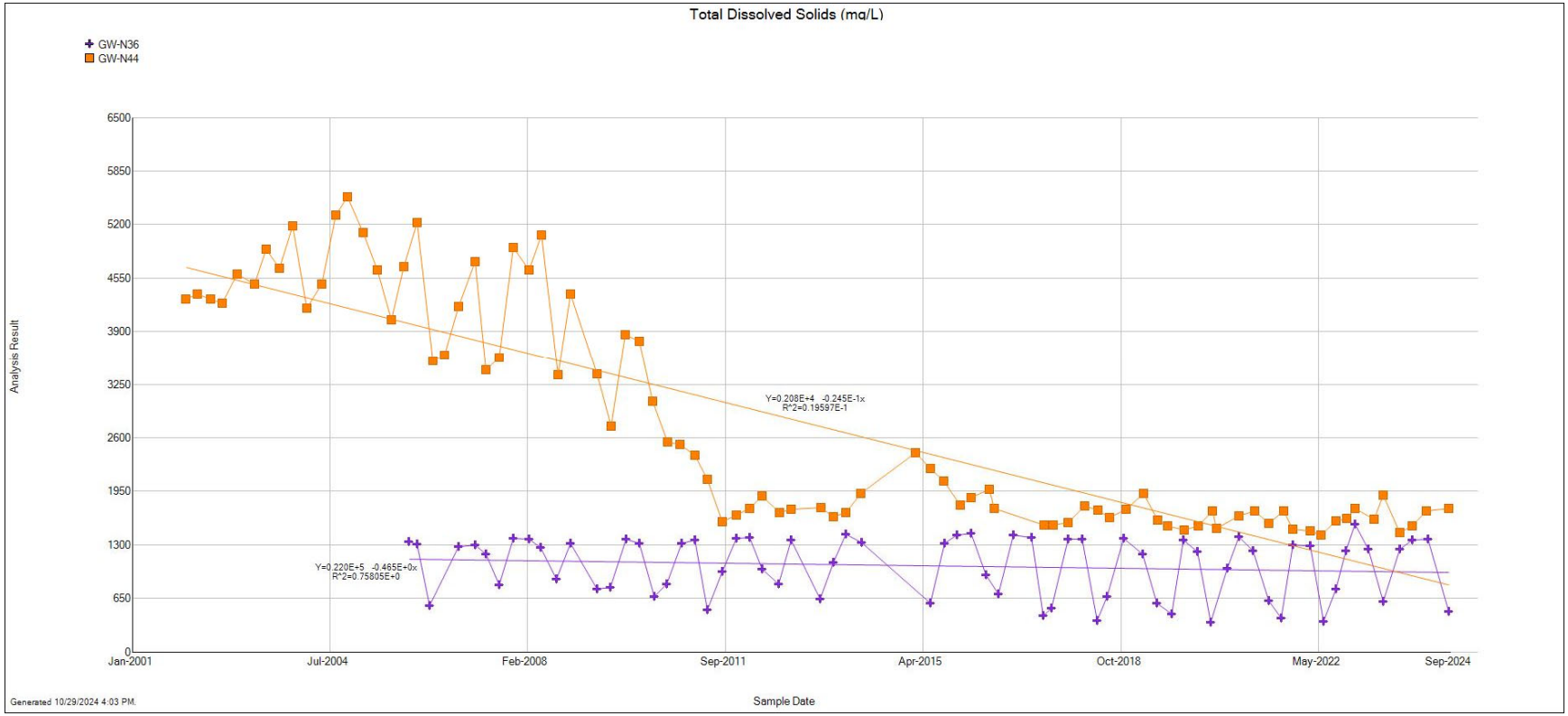

Magnesium, dissolved (mg/L)
GW-N36
GW-N44
Analysis Result
620
558
496
434
372
310
248
186
124
62
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.219E+4 -0.477E-1x
R^2=0.73510E+0
Y=0.191E+3 -0.291E-2x
R^2=0.46103E-1
Generated 10/29/2024 4:03 PM.
Sample Date

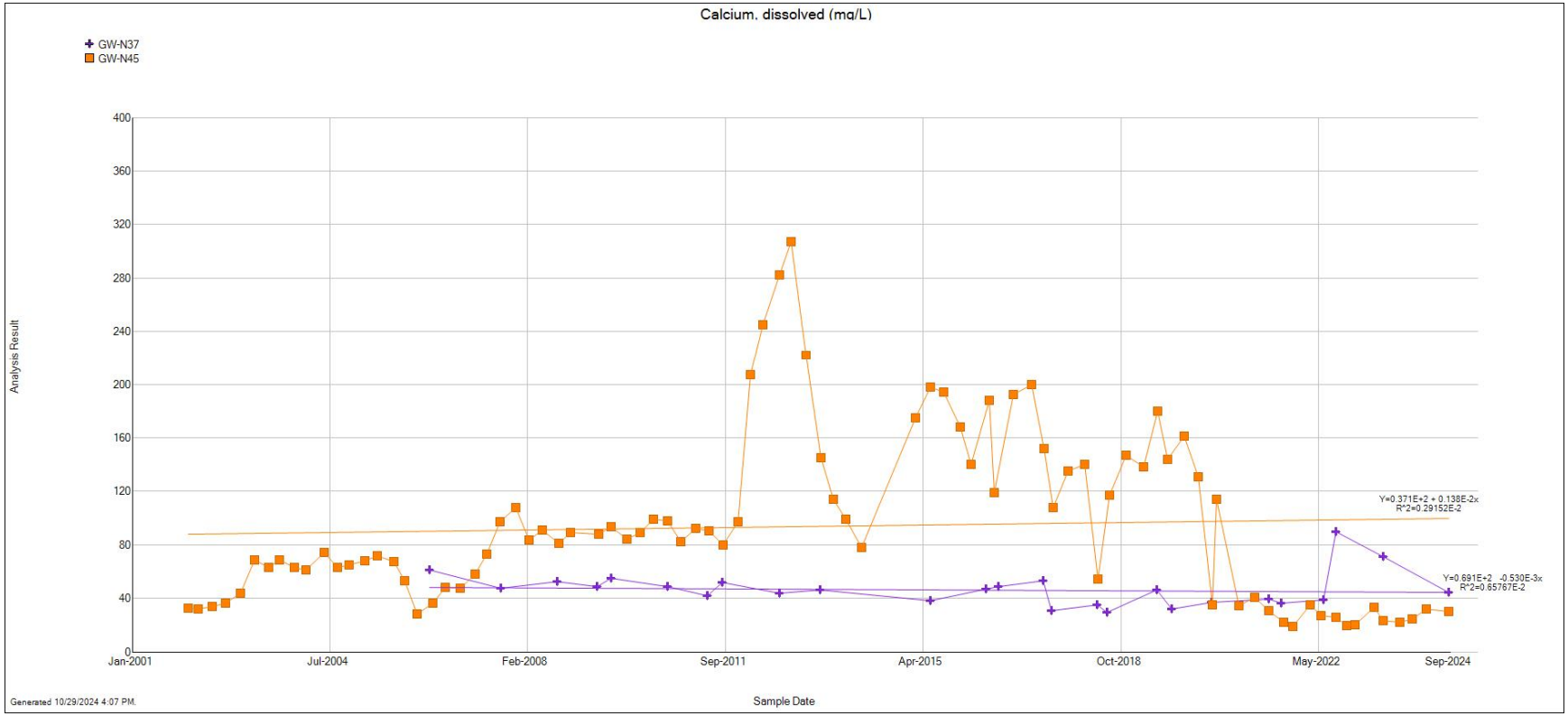

Manganese, dissolved (mg/L)
GW-N36
GW-N44
2.00811
1.75622
1.50432
1.25243
1.00054
0.74865
0.49676
0.24486
-0.00703
-0.25892
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.536E+1 -0.123E-3x
R^2=0.61060E+0
Y=0.670E+0 -0.133E-4x
R^2=0.14523E+0
Generated 10/29/2024 4:03 PM.

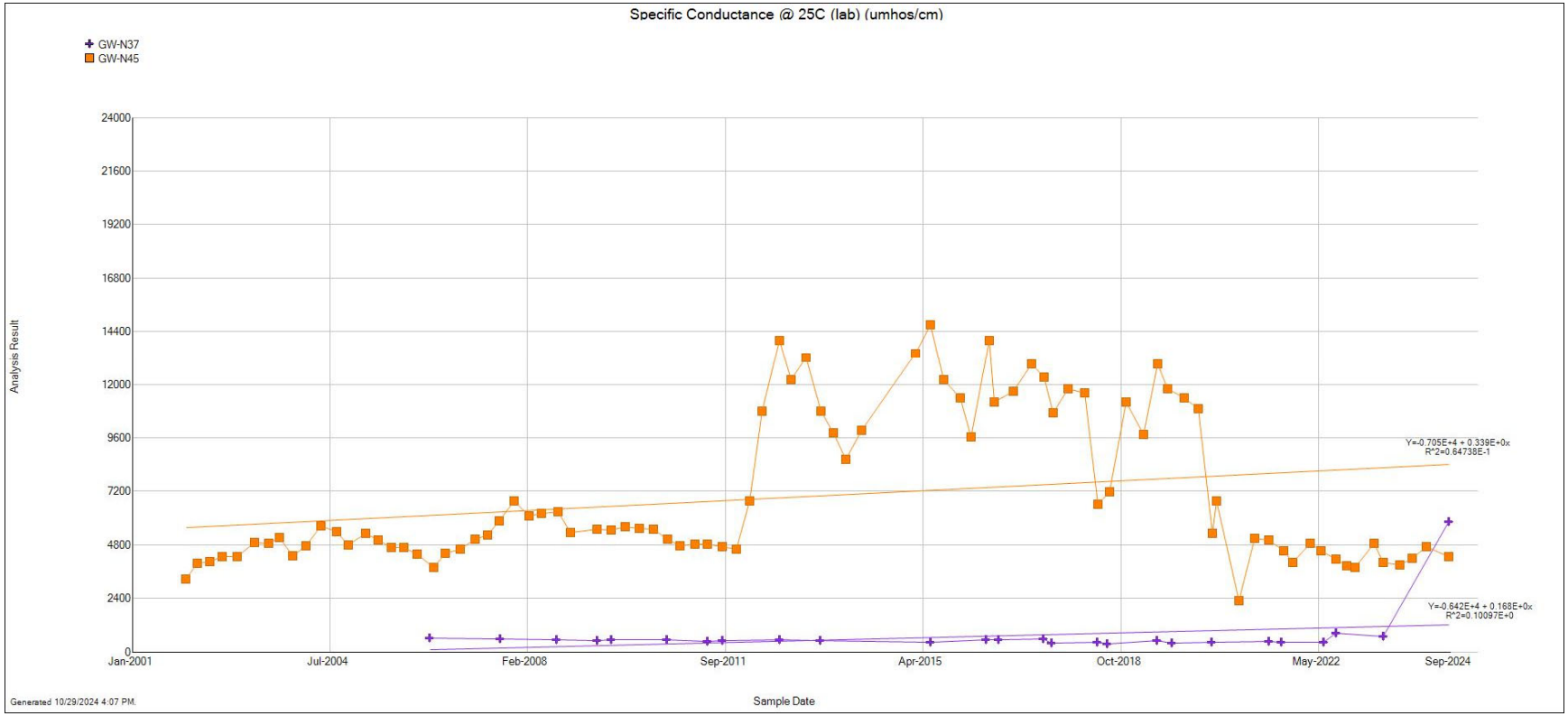

pH (lab)
GW-N36
GW-N44
9.6
9.09
8.58
8.07
7.56
7.05
6.54
6.03
5.52
5.01
4.5
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.564E+1 + 0.527E-4x
R^2=0.14863E+0
Y=0.972E+1 -0.541E-4x
R^2=0.31427E-1
Generated 10/29/2024 4:03 PM.

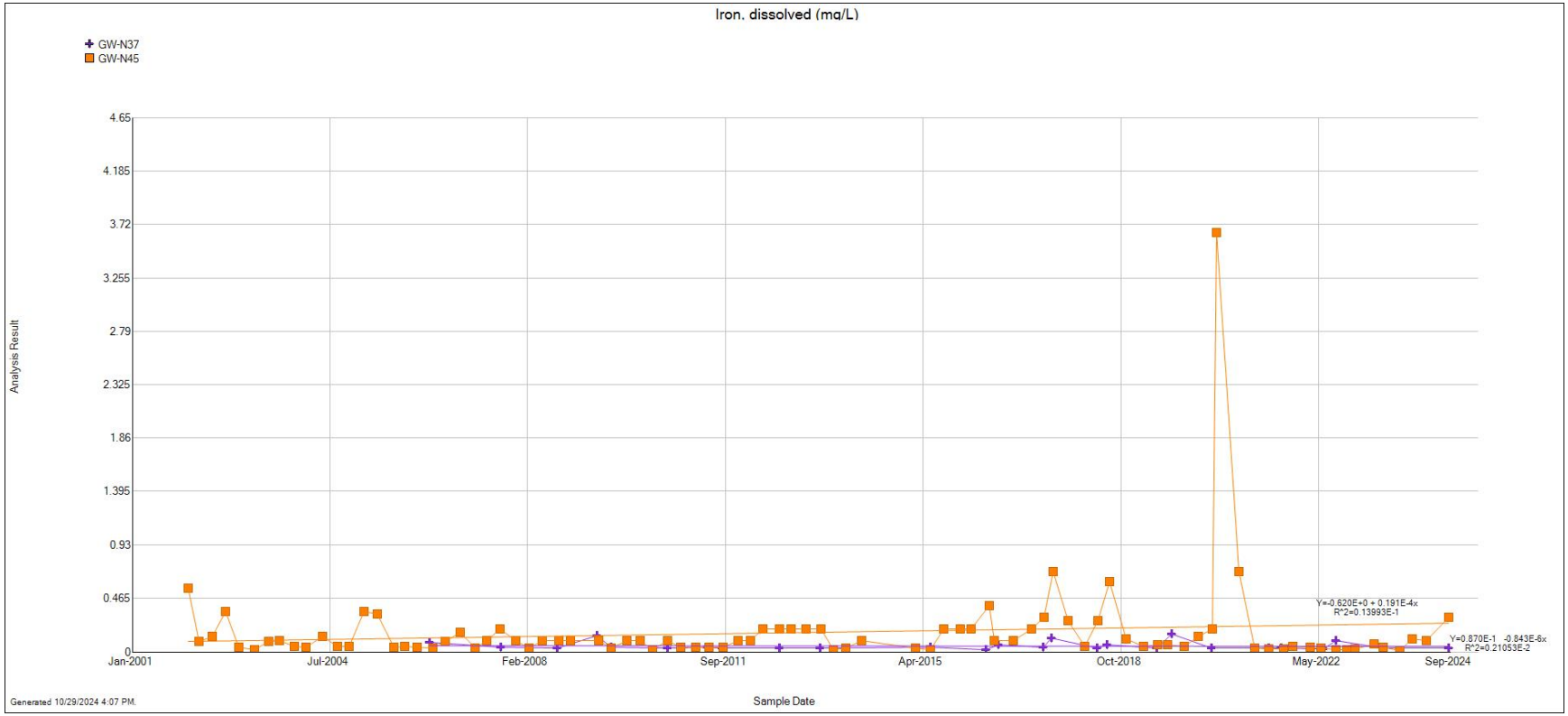

Sodium, dissolved (mg/L)
GW-N36
GW-N44
575.49303
510.98605
446.47908
381.97211
317.46514
252.95816
188.45119
123.94422
59.43725
-5.06973
Analysis Result
Y=0.145E+4 -0.319E-1x
R^2=0.46650E+0
Y=0.158E+3 -0.218E-2x
R^2=0.28015E-1
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Generated 10/29/2024 4:03 PM.

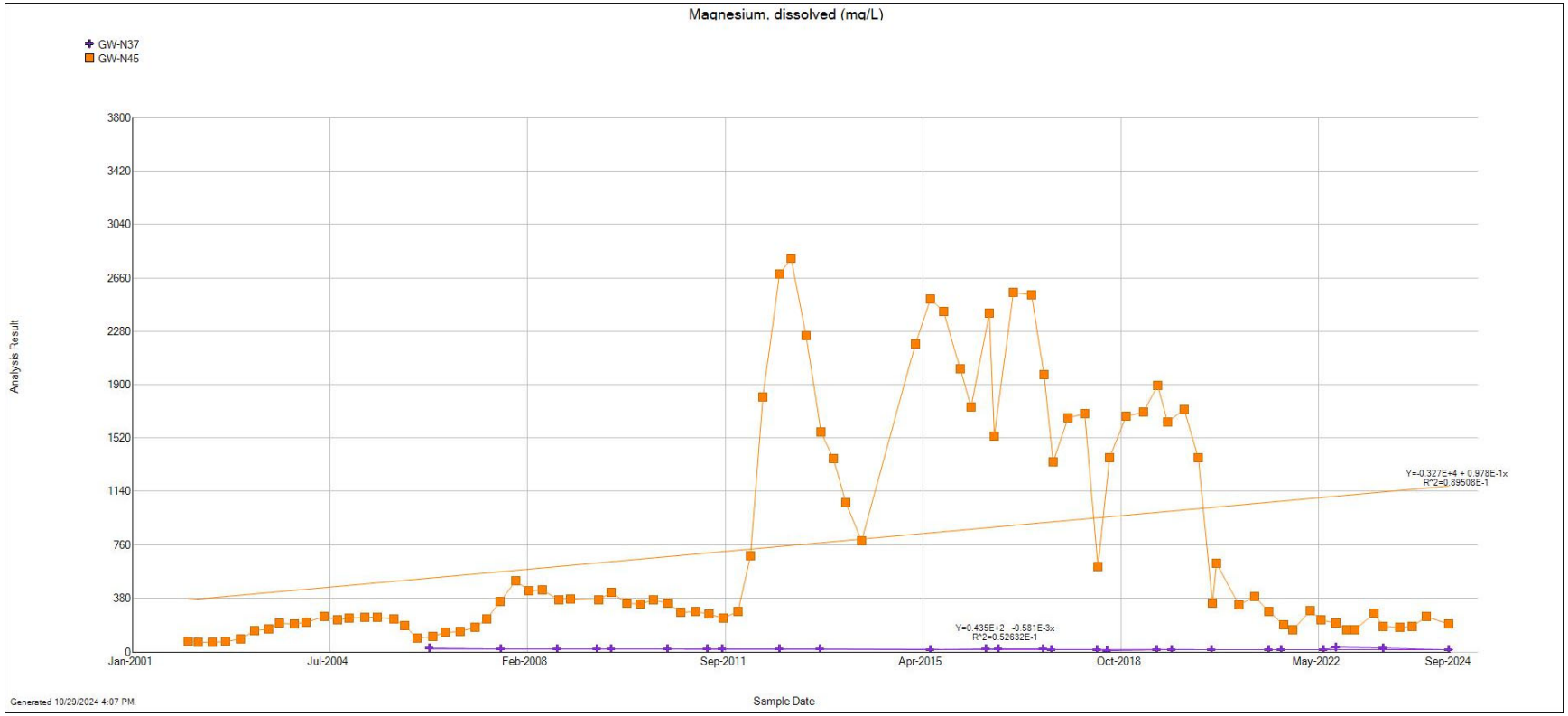

Sulfate, dissolved (mg/L)
GW-N36
GW-N44
Analysis Result
4600
4140
3680
3220
2760
2300
1840
1380
920
460
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.926E+3 -0.122E-1x
R^2=0.51798E-1
Y=0.151E+5 -0.326E+0x
R^2=0.75870E+0
Generated 10/29/2024 4:03 PM.
Sample Date

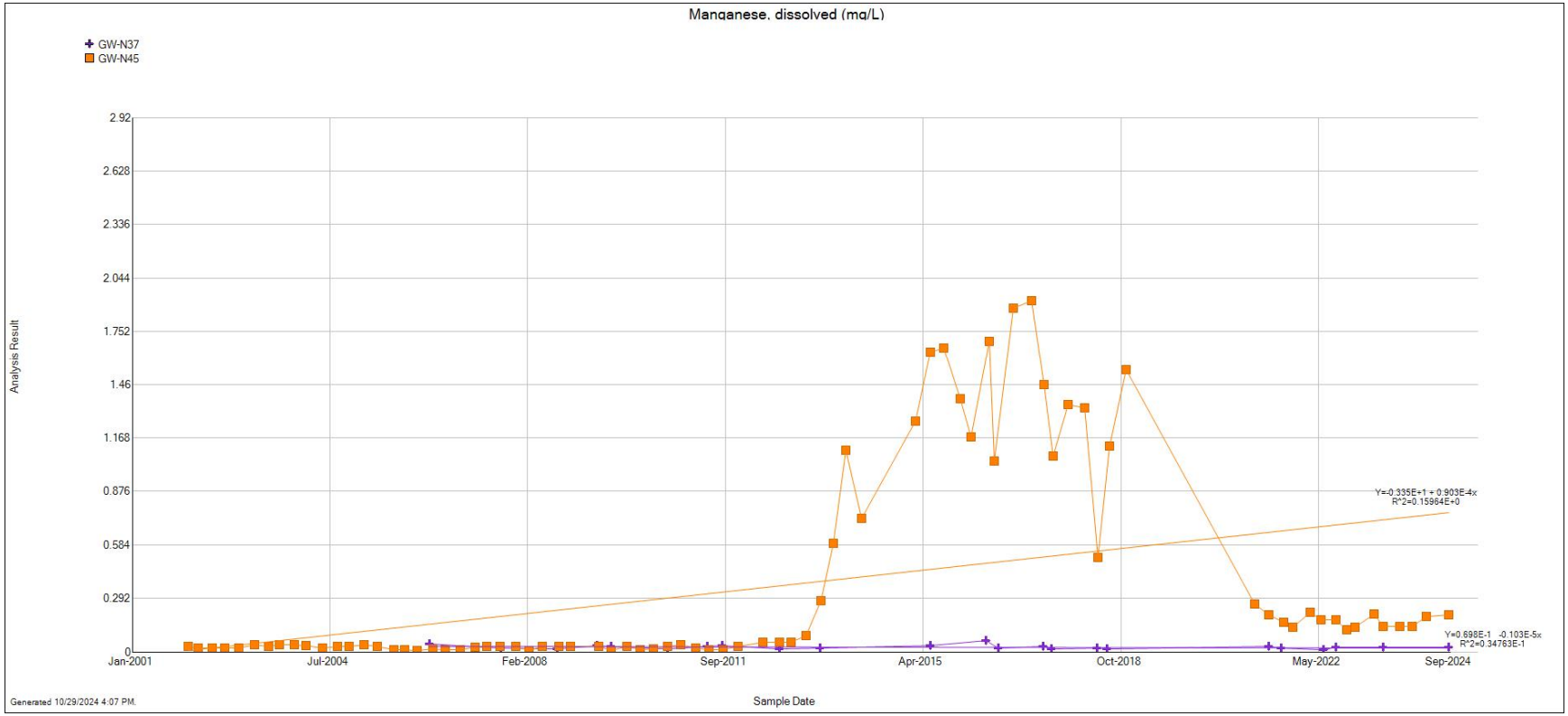

Total Dissolved Solids (mg/L)
GW-N36
GW-N44
Analysis Result
6500
5850
5200
4550
3900
3250
2600
1950
1300
650
0
Y=0.208E+4 -0.245E-1x
R^2=0.19597E-1
Y=0.220E+5 -0.465E+0x
R^2=0.75805E+0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Generated 10/29/2024 4:03 PM.

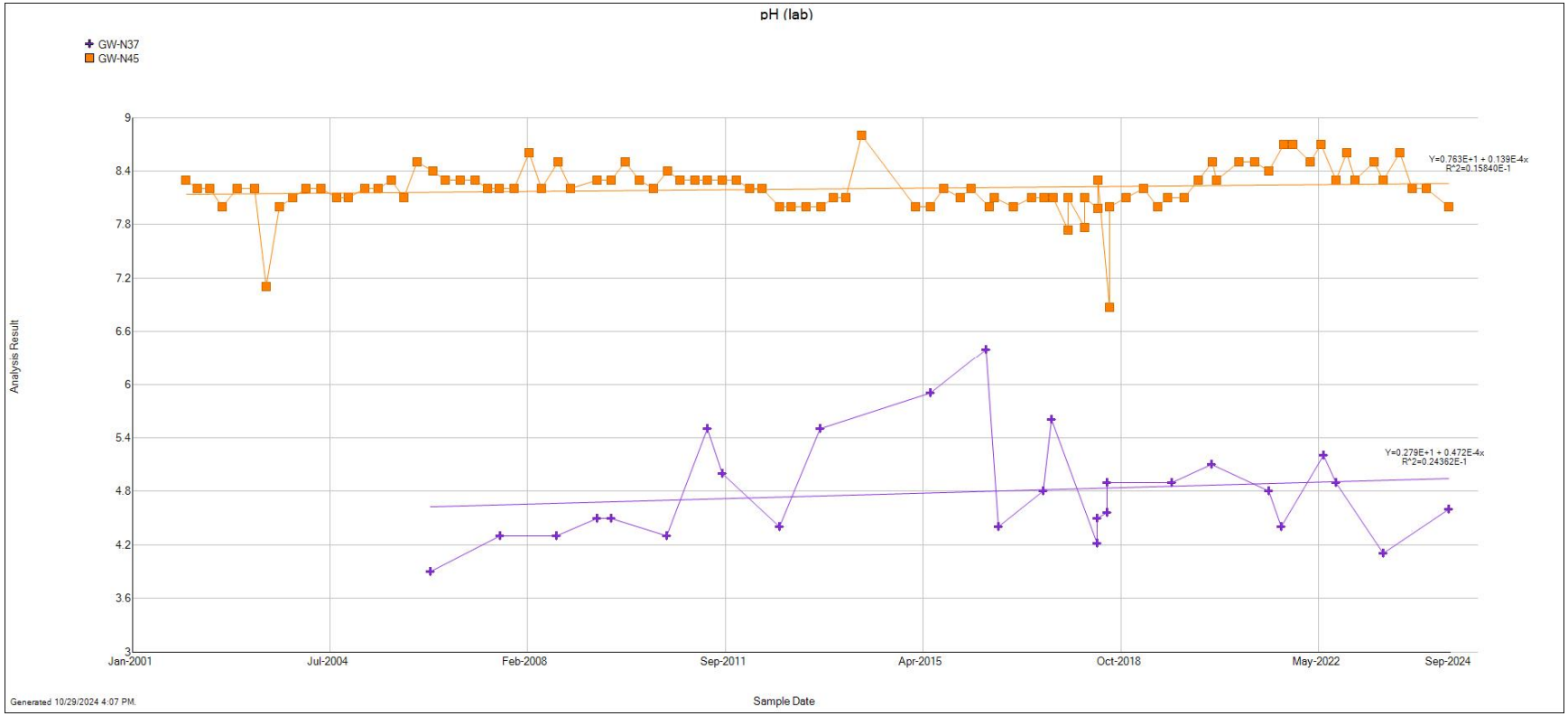

Calcium, dissolved (mg/L)
GW-N37
GW-N45
Analysis Result
400
360
320
280
240
200
160
120
80
40
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.371E+2 + 0.138E-2x
R^2=0.29152E-2
Y=0.691E+2 -0.530E-3x
R^2=0.65767E-2
Generated 10/29/2024 4:07 PM.
Sample Date

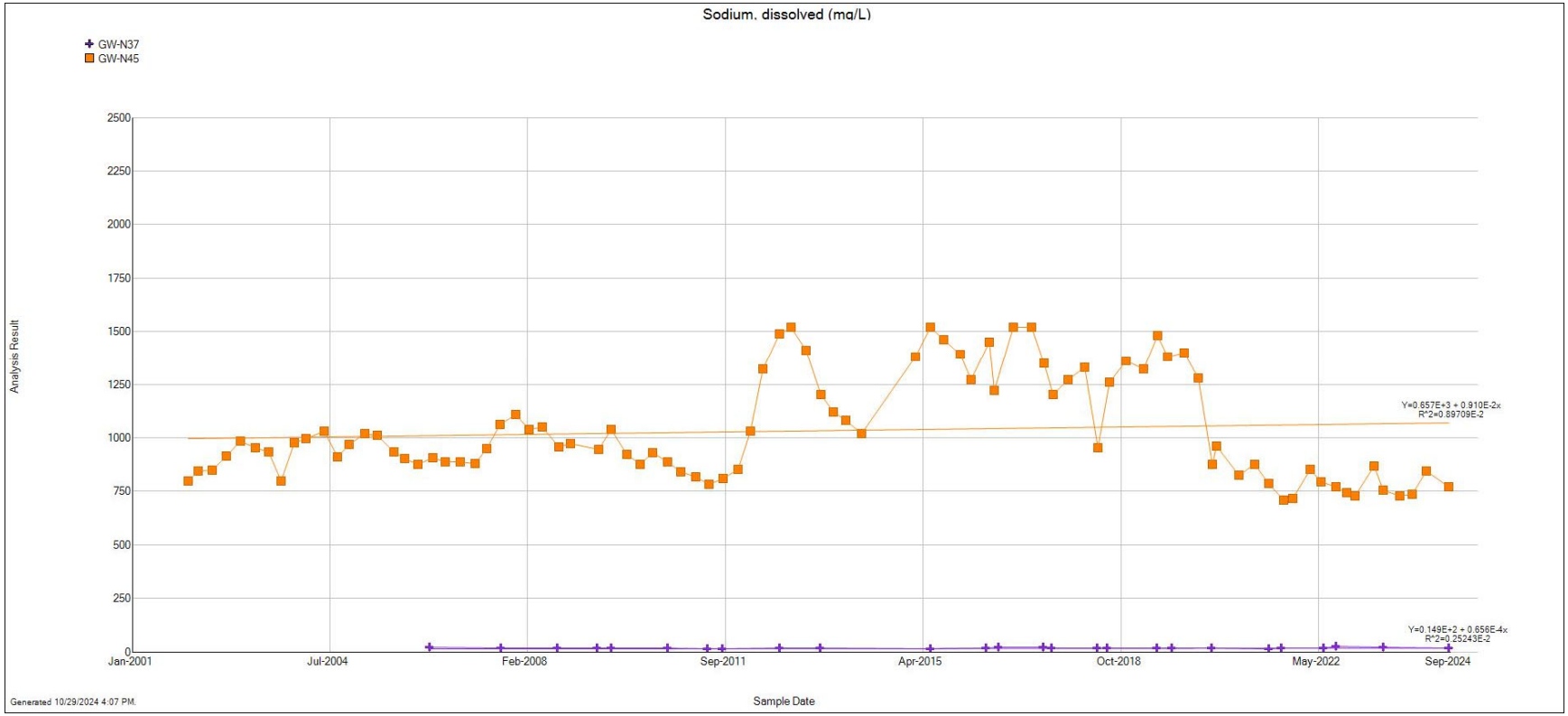

Specific Conductance @ 25C (lab) (umhos/cm)
GW-N37
GW-N45
Analysis Result
24000
21600
19200
16800
14400
12000
9600
7200
4800
2400
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=-0.705E+4 + 0.339E+0x
R^2=0.64738E-1
Y=-0.642E+4 + 0.168E+0x
R^2=0.10097E+0
Generated 10/29/2024 4:07 PM.

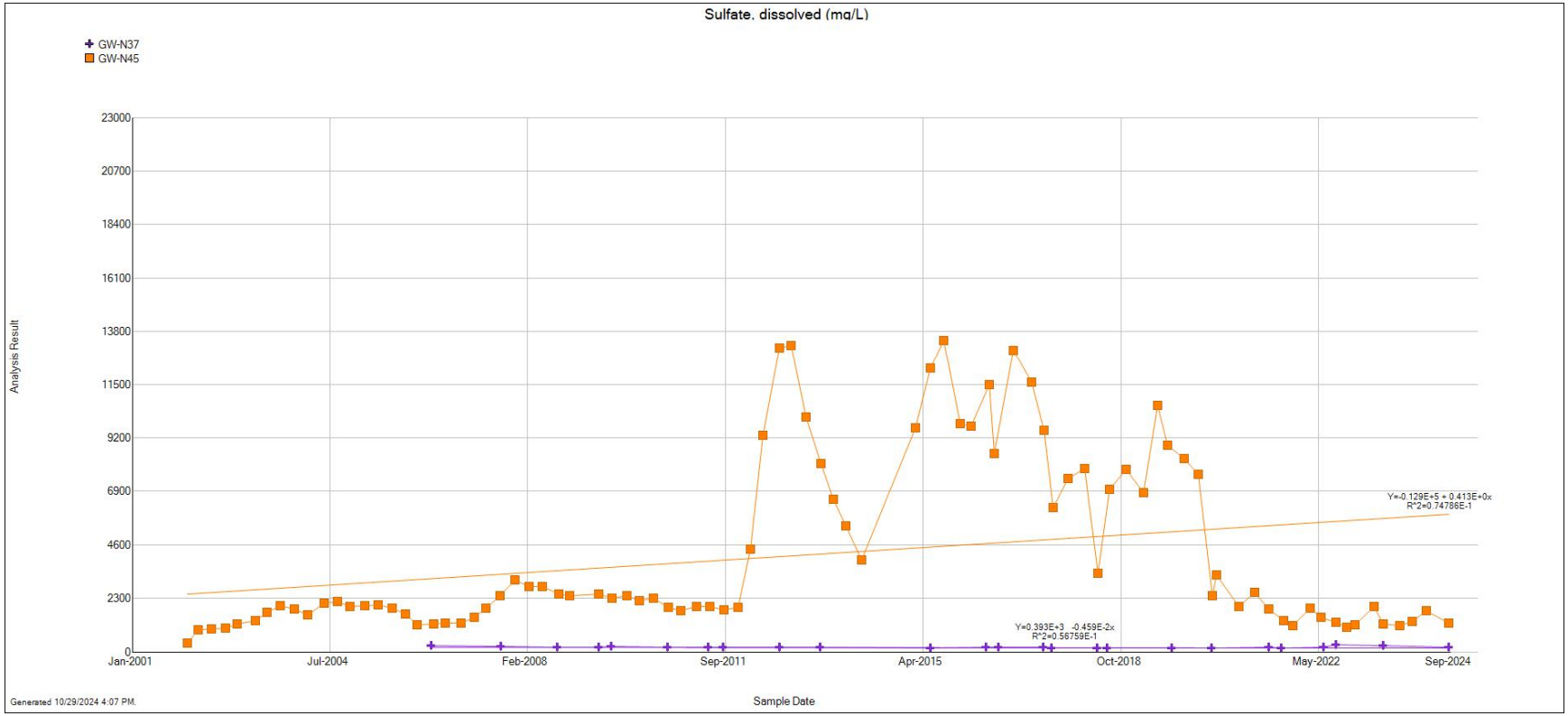

Iron, dissolved (mg/L)
GW-N37
GW-N45
4.65
4.185
3.72
3.255
2.79
2.325
1.86
1.395
0.93
0.465
0
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=-0.620E+0 + 0.191E-4x
R^2=0.13993E-1
Y=0.870E-1 -0.843E-6x
R^2=0.21053E-2
Generated 10/29/2024 4:07 PM.

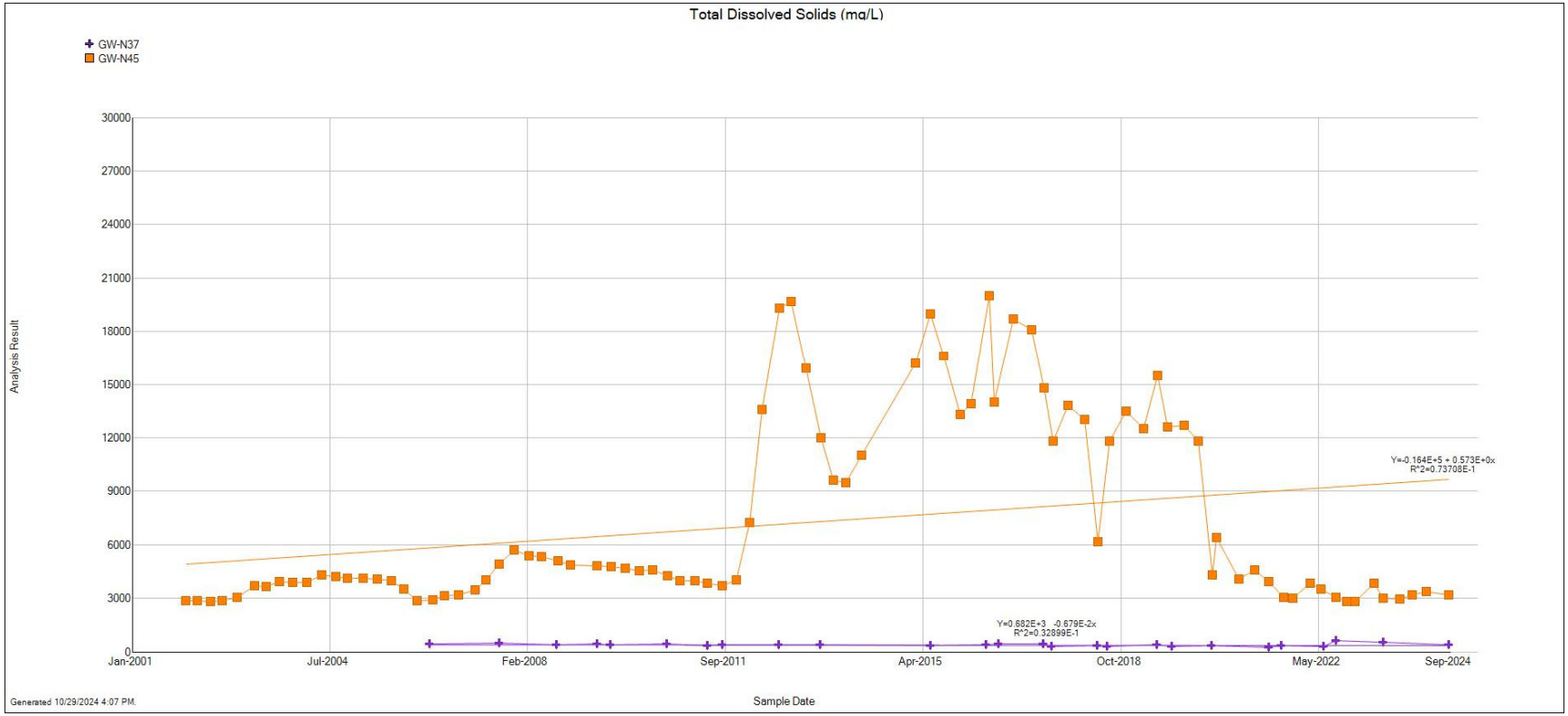

Magnesium, dissolved (mg/L)
GW-N37
GW-N45
Analysis Result
3800
3420
3040
2660
2280
1900
1520
1140
760
380
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=-0.327E+4 + 0.978E-1x
R^2=0.89508E-1
Y=0.435E+2 -0.581E-3x
R^2=0.52632E-1
Generated 10/29/2024 4:07 PM.
Sample Date

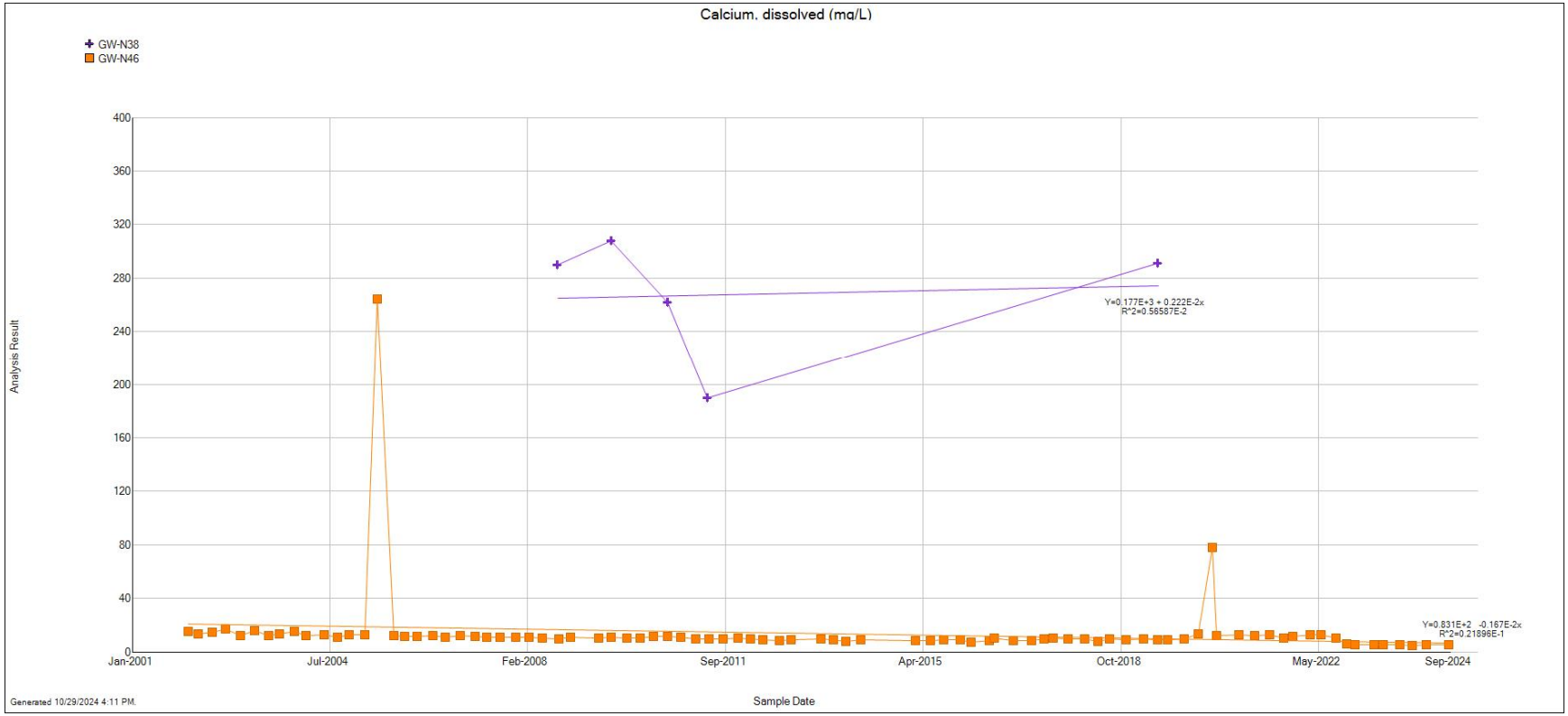

Manganese, dissolved (mg/L)
GW-N37
GW-N45
Analysis Result
2.92
2.628
2.336
2.044
1.752
1.46
1.168
0.876
0.584
0.292
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=-0.335E+1 + 0.903E-4x
R^2=0.15964E+0
Y=0.698E-1 -0.103E-5x
R^2=0.34763E-1
Generated 10/29/2024 4:07 PM.
Sample Date

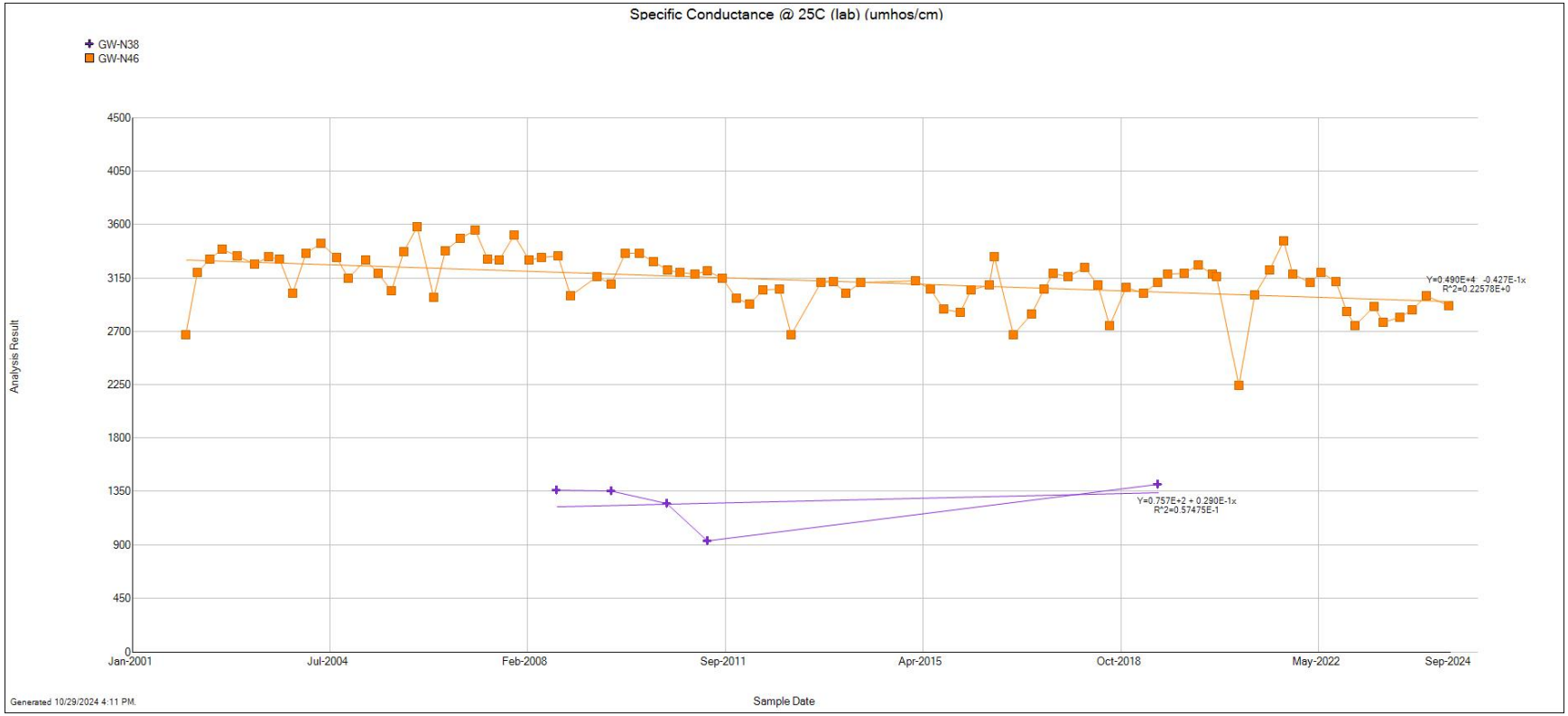

pH (lab)
GW-N37
GW-N45
Analysis Result
9
8.4
7.8
7.2
6.6
6
5.4
4.8
4.2
3.6
3
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.763E+1 + 0.139E-4x
R^2=0.15840E-1
Y=0.279E+1 + 0.472E-4x
R^2=0.24362E-1
Generated 10/29/2024 4:07 PM.

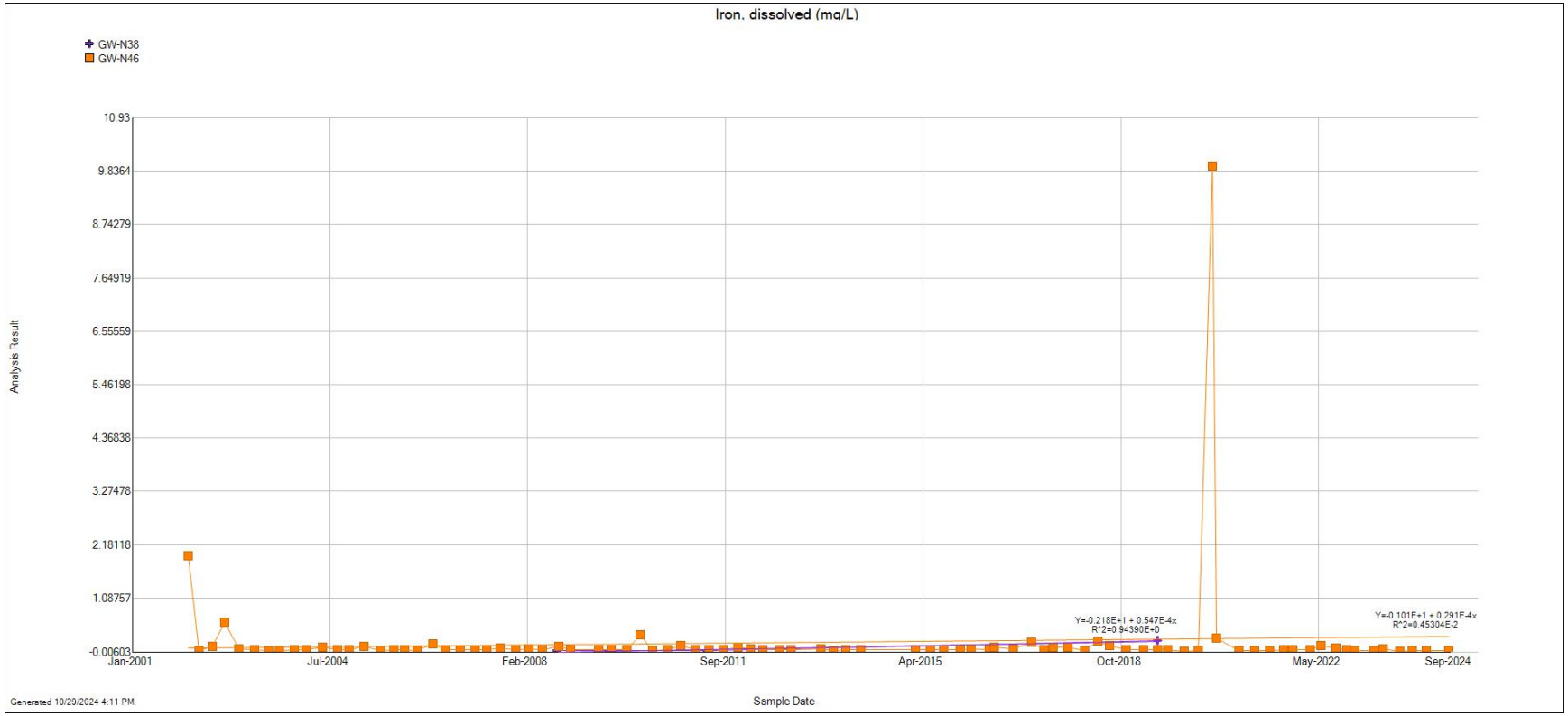

Sodium, dissolved (mg/L)
GW-N37
GW-N45
Analysis Result
2500
2250
2000
1750
1500
1250
1000
750
500
250
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.657E+3 + 0.910E-2x
R^2=0.89709E-2
Y=0.149E+2 + 0.656E-4x
R^2=0.25243E-2
Generated 10/29/2024 4:07 PM.
Sample Date

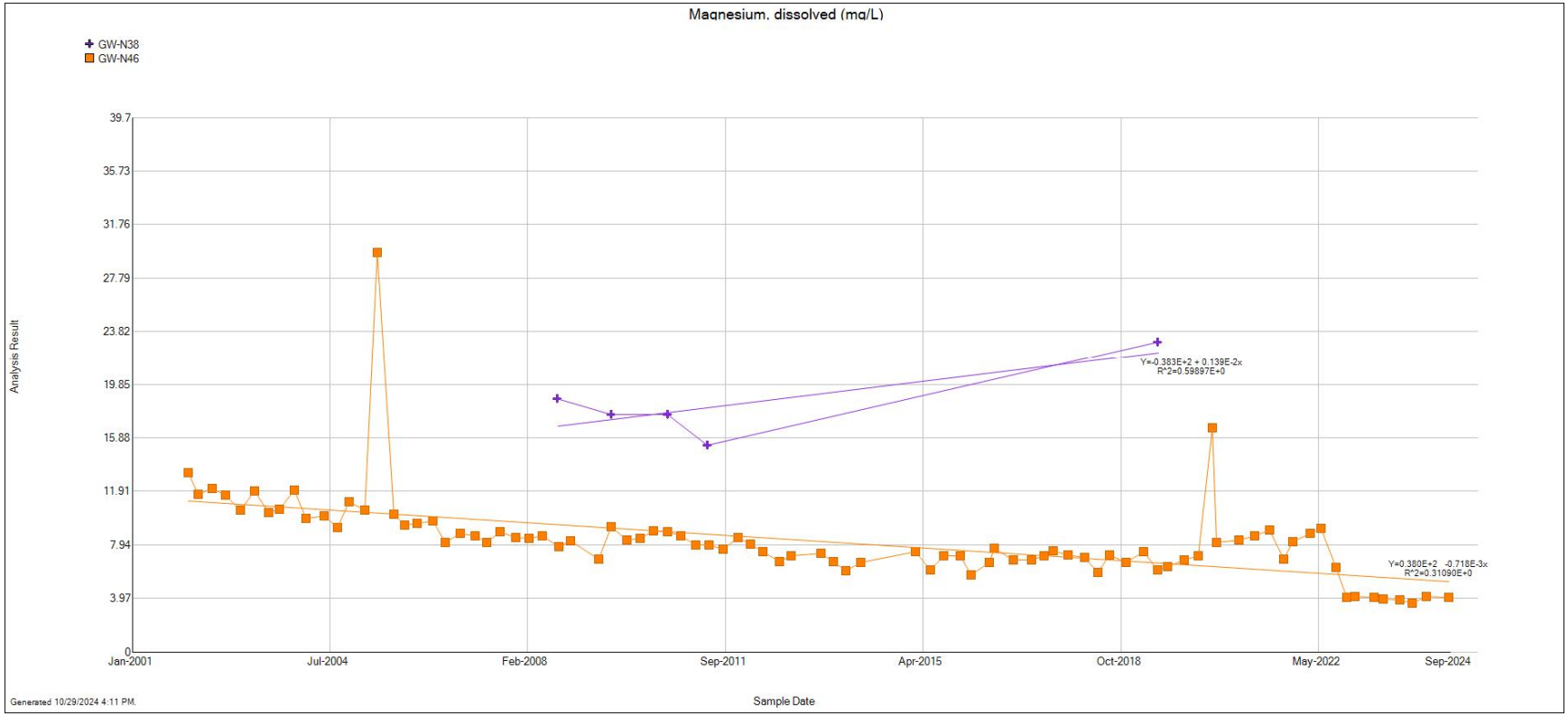

Sulfate, dissolved (mg/L)
GW-N37
GW-N45
Analysis Result
23000
20700
18400
16100
13800
11500
9200
6900
4600
2300
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=-0.129E+5 + 0.413E+0x
R^2=0.74786E-1
Y=0.393E+3 -0.459E-2x
R^2=0.56759E-1
Generated 10/29/2024 4:07 PM.
Sample Date

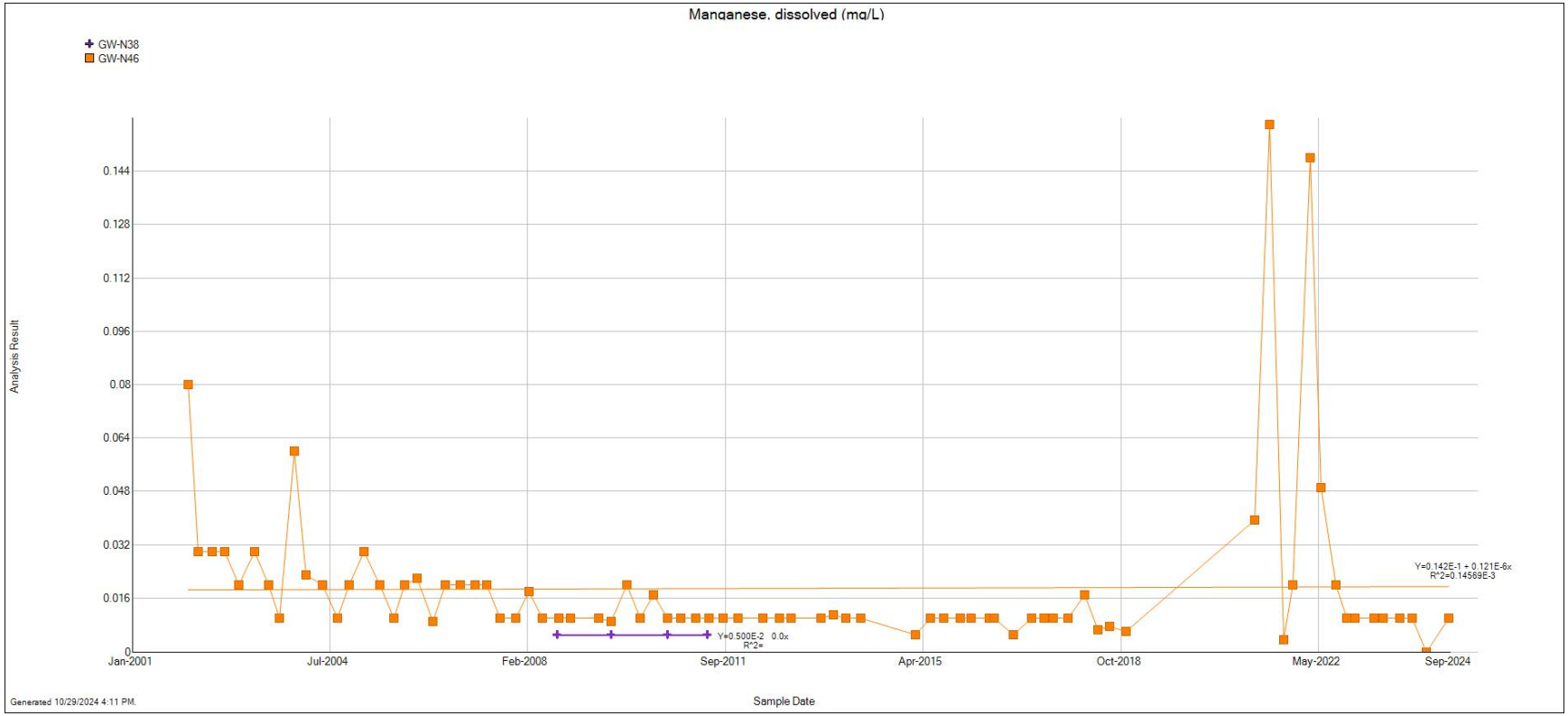

Total Dissolved Solids (mg/L)
GW-N37
GW-N45
Analysis Result
30000
27000
24000
21000
18000
15000
12000
9000
6000
3000
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=-0.164E+5 + 0.573E+0x
R^2=0.73708E-1
Y=0.682E+3 -0.679E-2x
R^2=0.32899E-1
Generated 10/29/2024 4:07 PM.
Sample Date

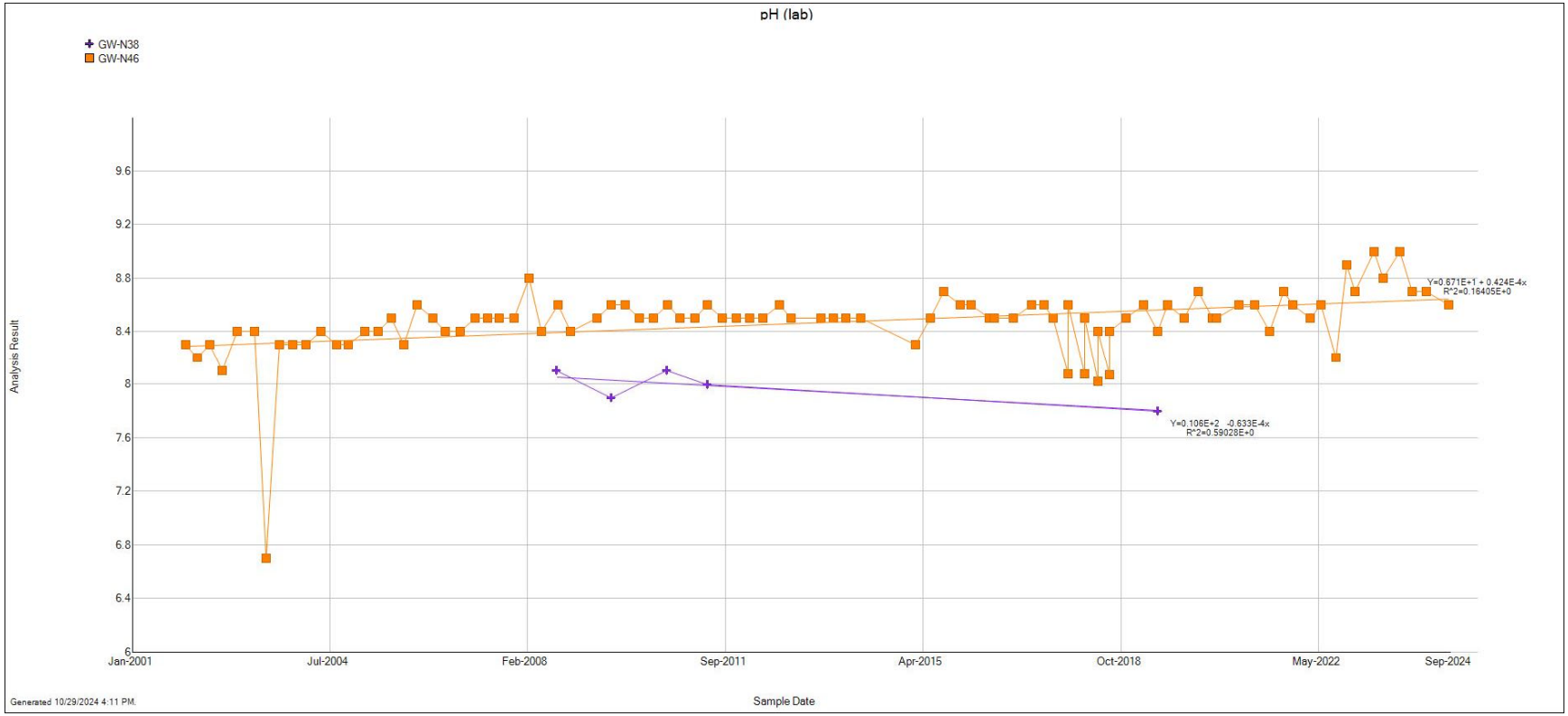

Calcium, dissolved (mg/L)
GW-N38
GW-N46
Analysis Result
400
360
320
280
240
200
160
120
80
40
0
Y=0.177E+3 + 0.222E-2x
R^2=0.56587E-2
Y=0.831E+2 -0.167E-2x
R^2=0.21896E-1
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Generated 10/29/2024 4:11 PM.
Sample Date

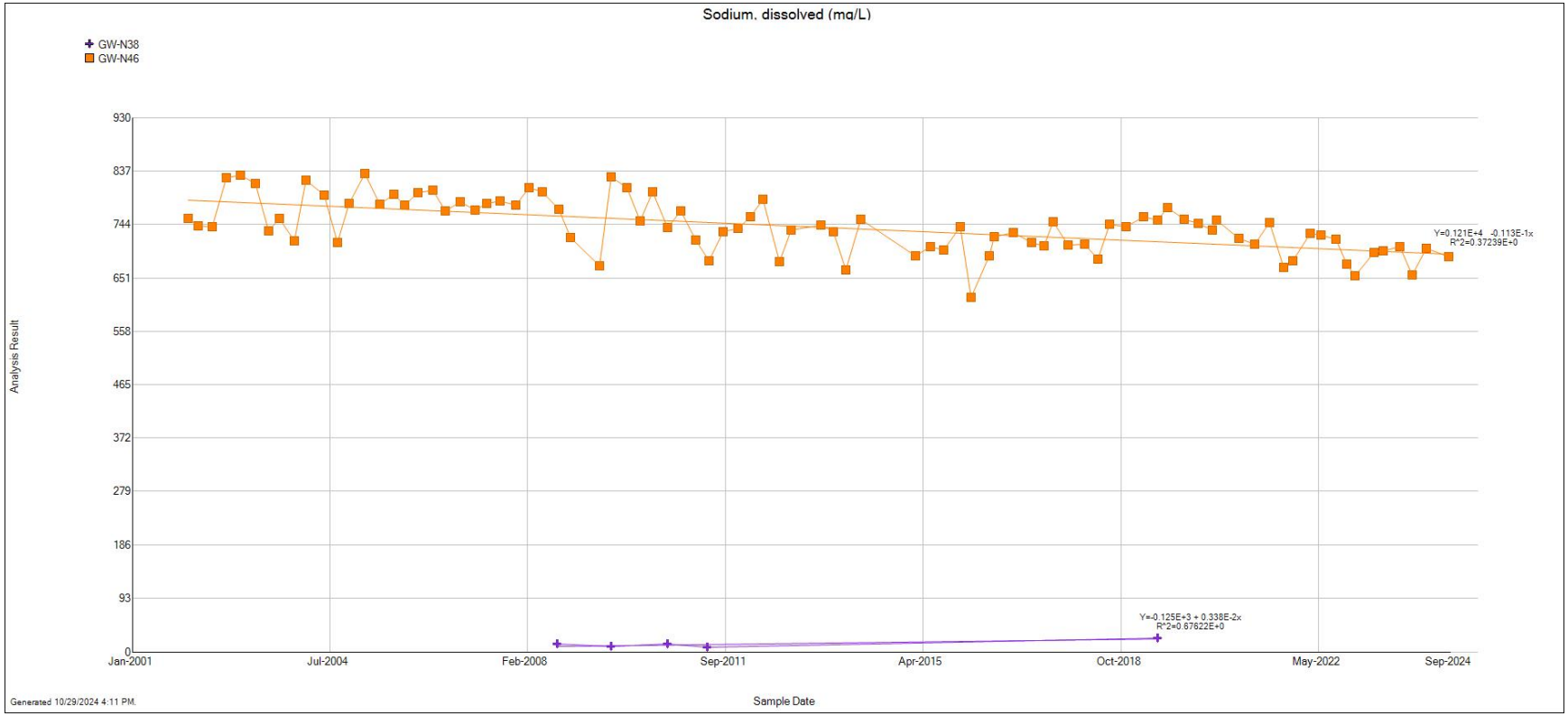

Specific Conductance @ 25C (lab) (umhos/cm)
GW-N38
GW-N46
Analysis Result
4500
4050
3600
3150
2700
2250
1800
1350
900
450
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.490E+4 -0.427E-1x
R^2=0.22578E+0
Y=0.757E+2 + 0.290E-1x
R^2=0.57475E-1
Generated 10/29/2024 4:11 PM.
Sample Date

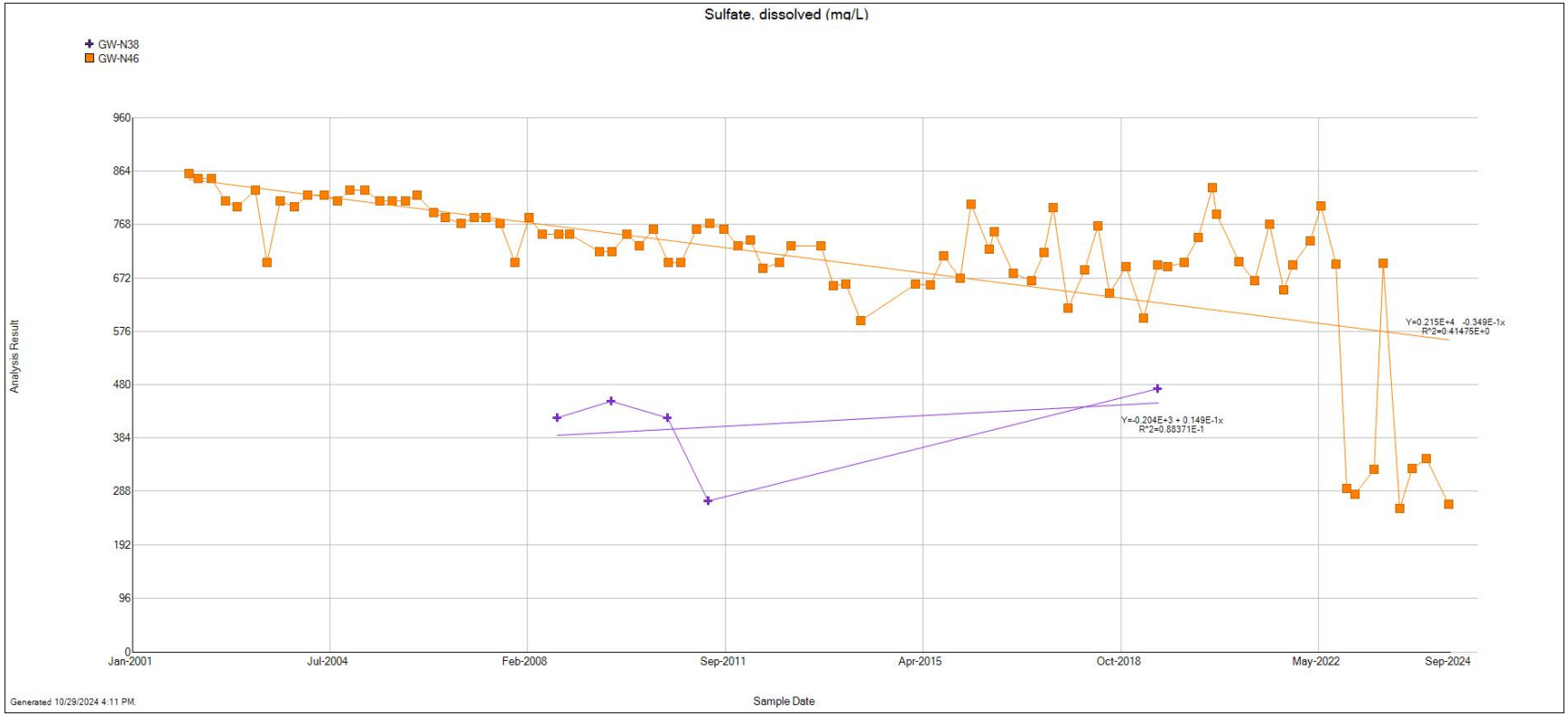

Iron, dissolved (mg/L)
GW-N38
GW-N46
10.93
9.8364
8.74279
7.64919
6.55559
5.46198
4.36838
3.27478
2.18118
1.08757
-0.00603
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=-0.218E+1 + 0.547E-4x
R^2=0.94390E+0
Y=-0.101E+1 + 0.291E-4x
R^2=0.45304E-2
Generated 10/29/2024 4:11 PM.

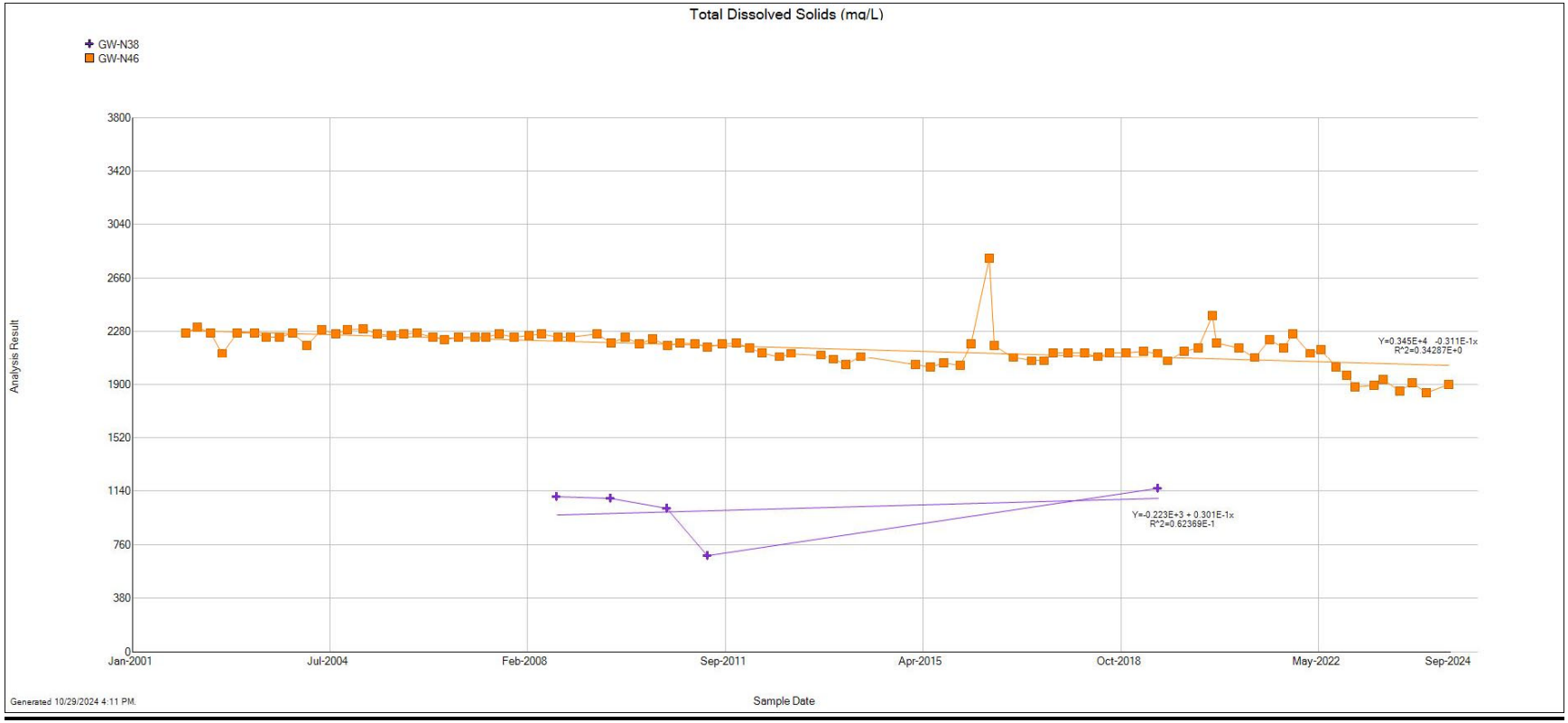

Magnesium, dissolved (mg/L)
GW-N38
GW-N46
Analysis Result
39.7
35.73
31.76
27.79
23.82
19.85
15.88
11.91
7.94
3.97
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=-0.383E+2 + 0.139E-2x
R^2=0.59897E+0
Y=0.380E+2 -0.718E-3x
R^2=0.31090E+0
Generated 10/29/2024 4:11 PM.
Sample Date


Manganese, dissolved (mg/L)
GW-N38
GW-N46
Analysis Result
0.144
0.128
0.112
0.096
0.08
0.064
0.048
0.032
0.016
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.142E-1 + 0.121E-6x
R^2=0.14569E-3
Y=0.500E-2 0.0x
R^2=
Generated 10/29/2024 4:11 PM.
Sample Date

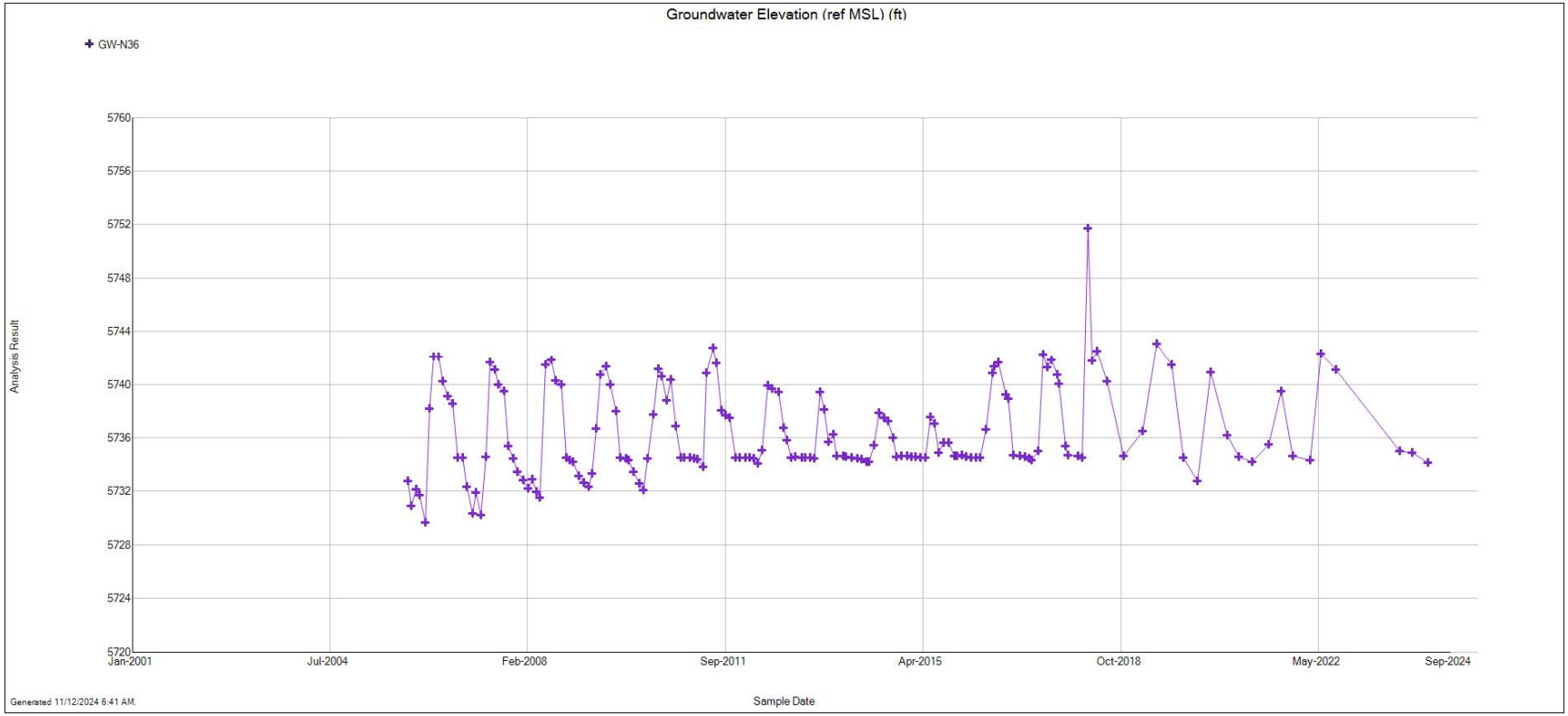

pH (lab)
GW-N38
GW-N46
Analysis Result
9.6
9.2
8.8
8.4
8
7.6
7.2
6.8
6.4
6
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.671E+1 + 0.424E-4x
R^2=0.16405E+0
Y=0.106E+2 -0.633E-4x
R^2=0.59028E+0
Generated 10/29/2024 4:11 PM.
Sample Date

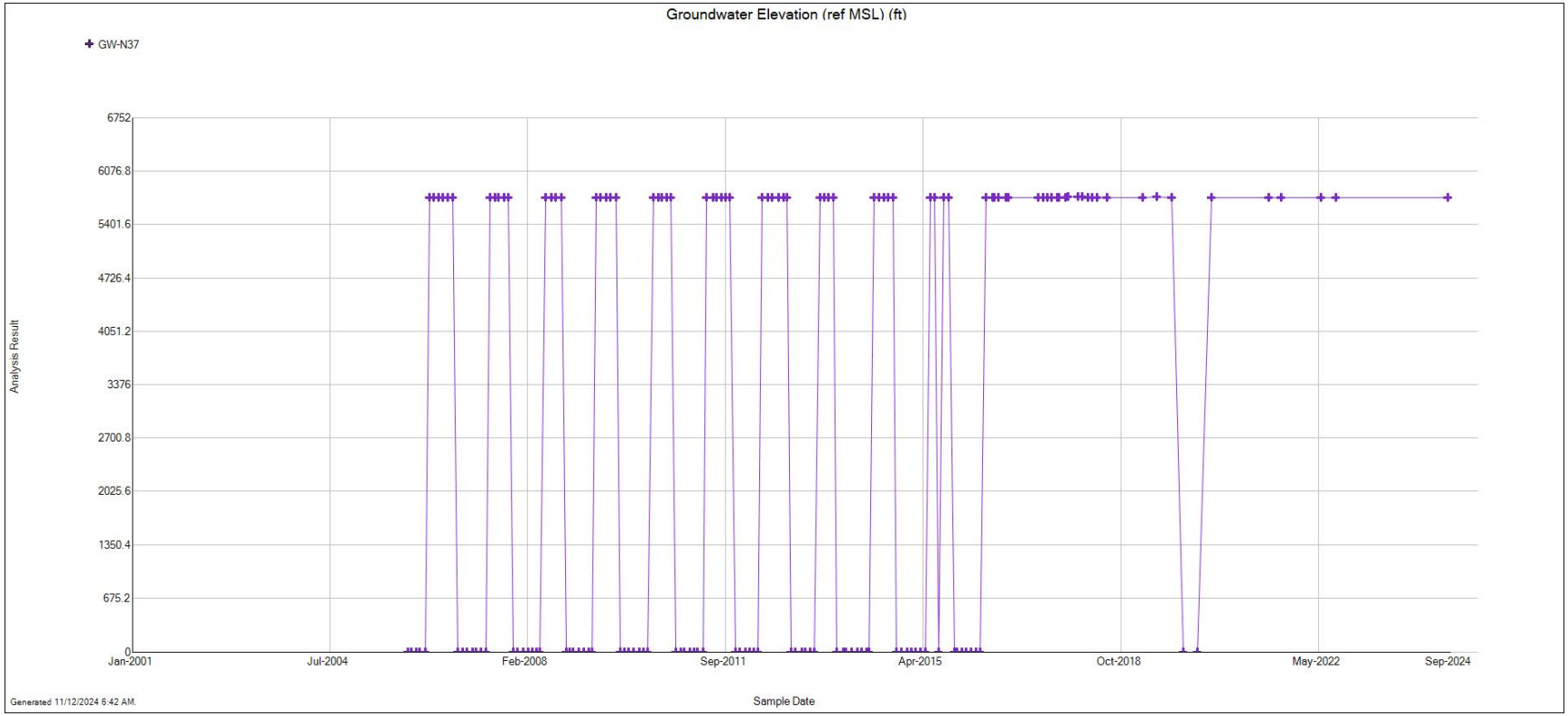

Sodium, dissolved (mg/L)
GW-N38
GW-N46
930
837
744
651
558
465
372
279
186
93
0
Analysis Result
Y=0.121E+4 -0.113E-1x
R^2=0.37239E+0
Y=-0.125E+3 + 0.338E-2x
R^2=0.67622E+0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Generated 10/29/2024 4:11 PM.

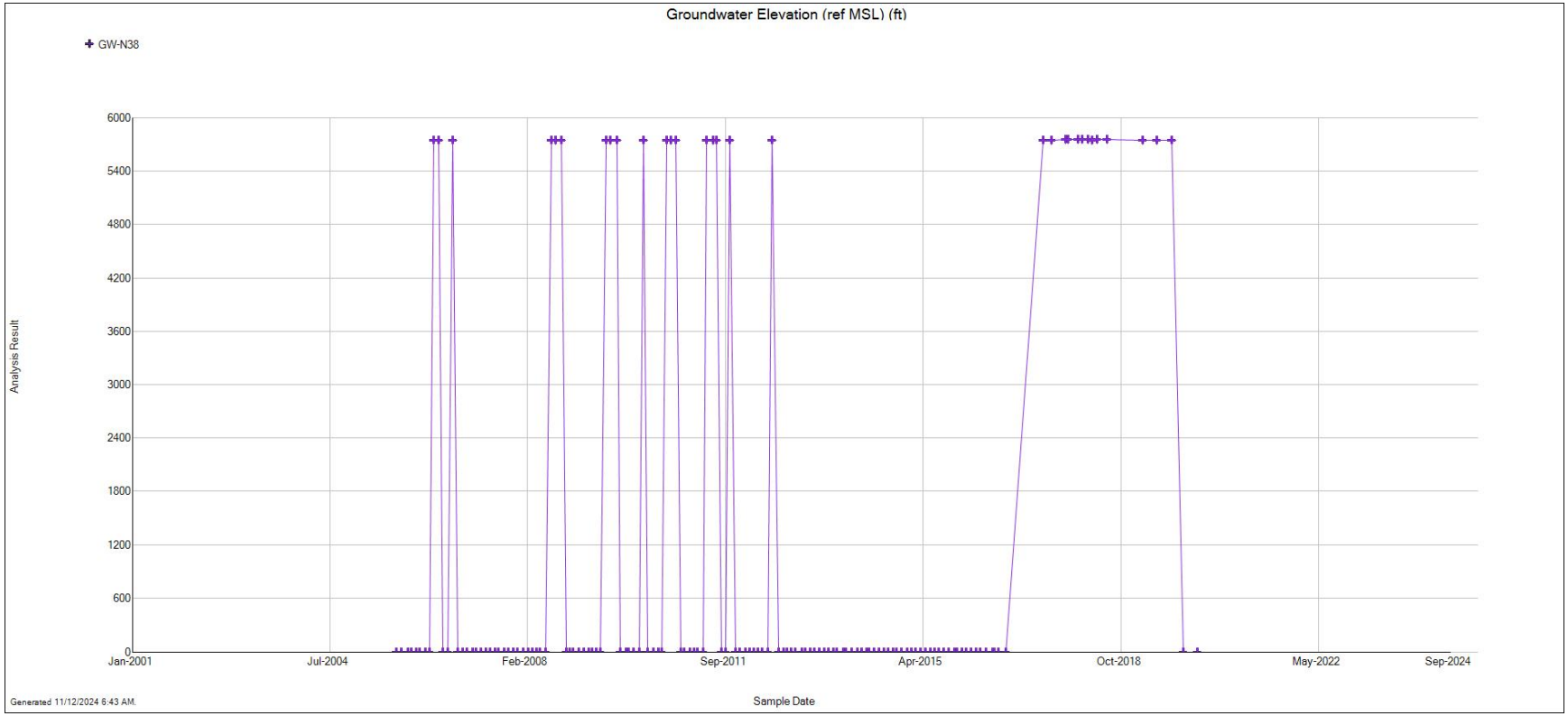

Sulfate, dissolved (mg/L)
GW-N38
GW-N46
960
864
768
672
576
480
384
288
192
96
0
Analysis Result
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Y=0.215E+4 -0.349E-1x
R^2=0.41475E+0
Y=-0.204E+3 + 0.149E-1x
R^2=0.88371E-1
Generated 10/29/2024 4:11 PM.

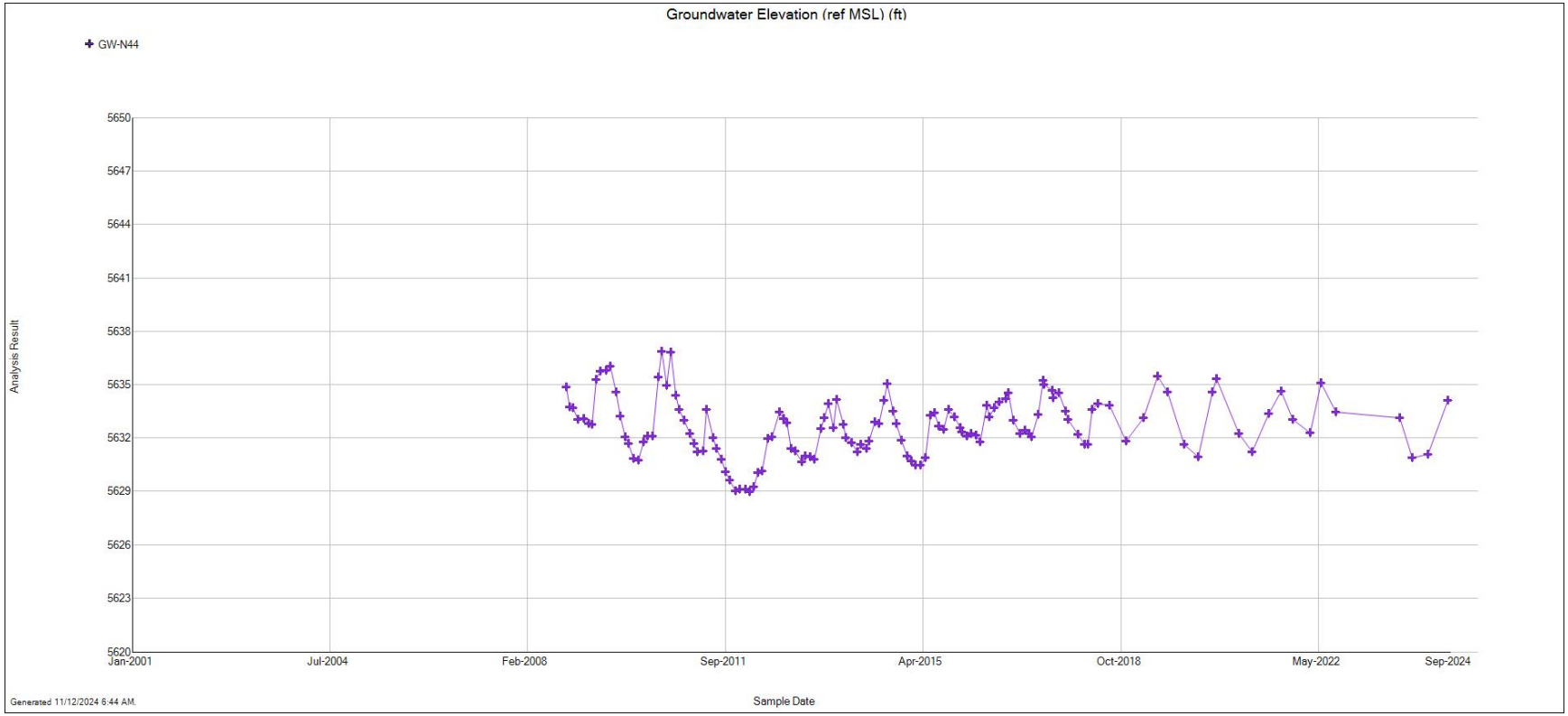

Total Dissolved Solids (mg/L)
GW-N38
GW-N46
Analysis Result
3800
3420
3040
2660
2280
1900
1520
1140
760
380
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Y=0.345E+4 -0.311E-1x
R^2=0.34287E+0
Y=-0.223E+3 + 0.301E-1x
R^2=0.62369E-1
Generated 10/29/2024 4:11 PM.
Sample Date

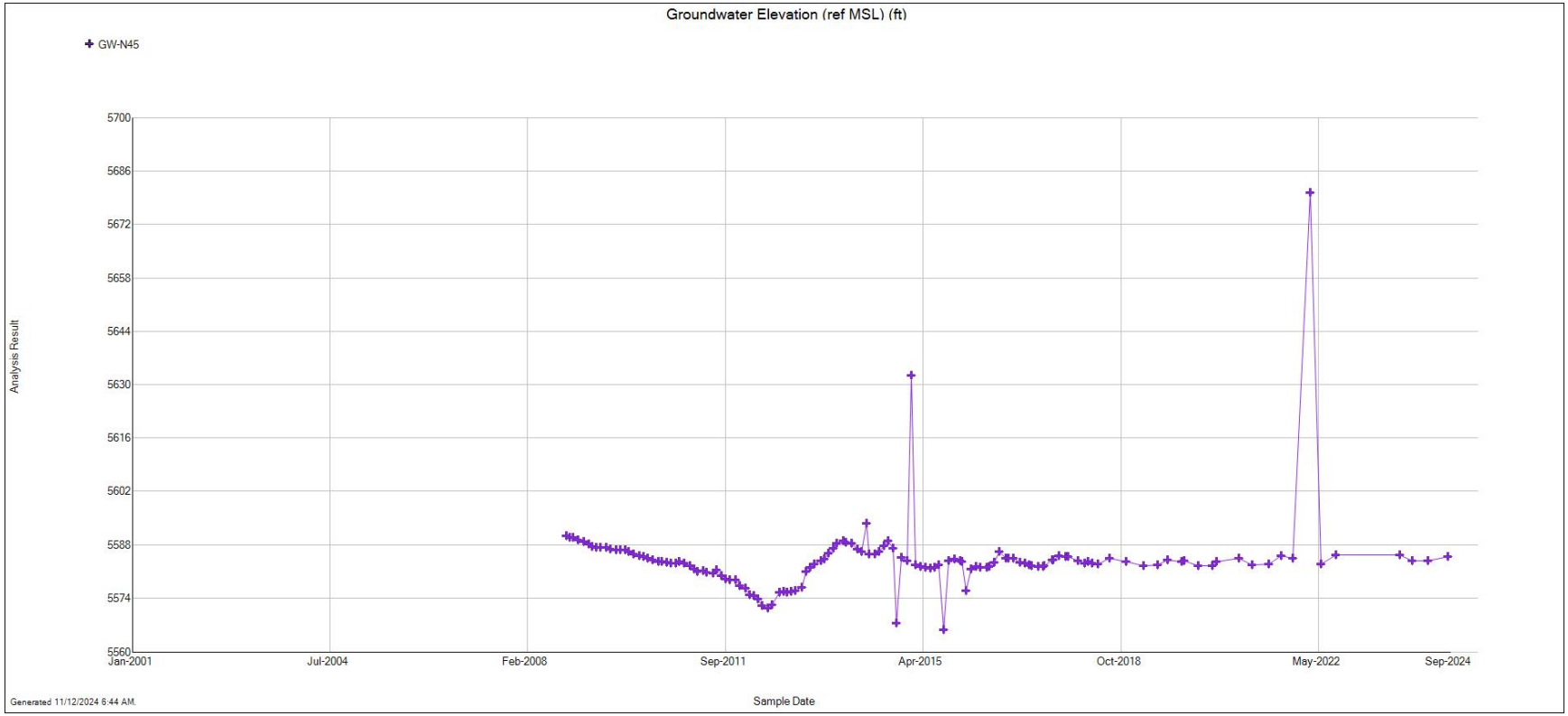
Appendix 5
Groundwater Elevations

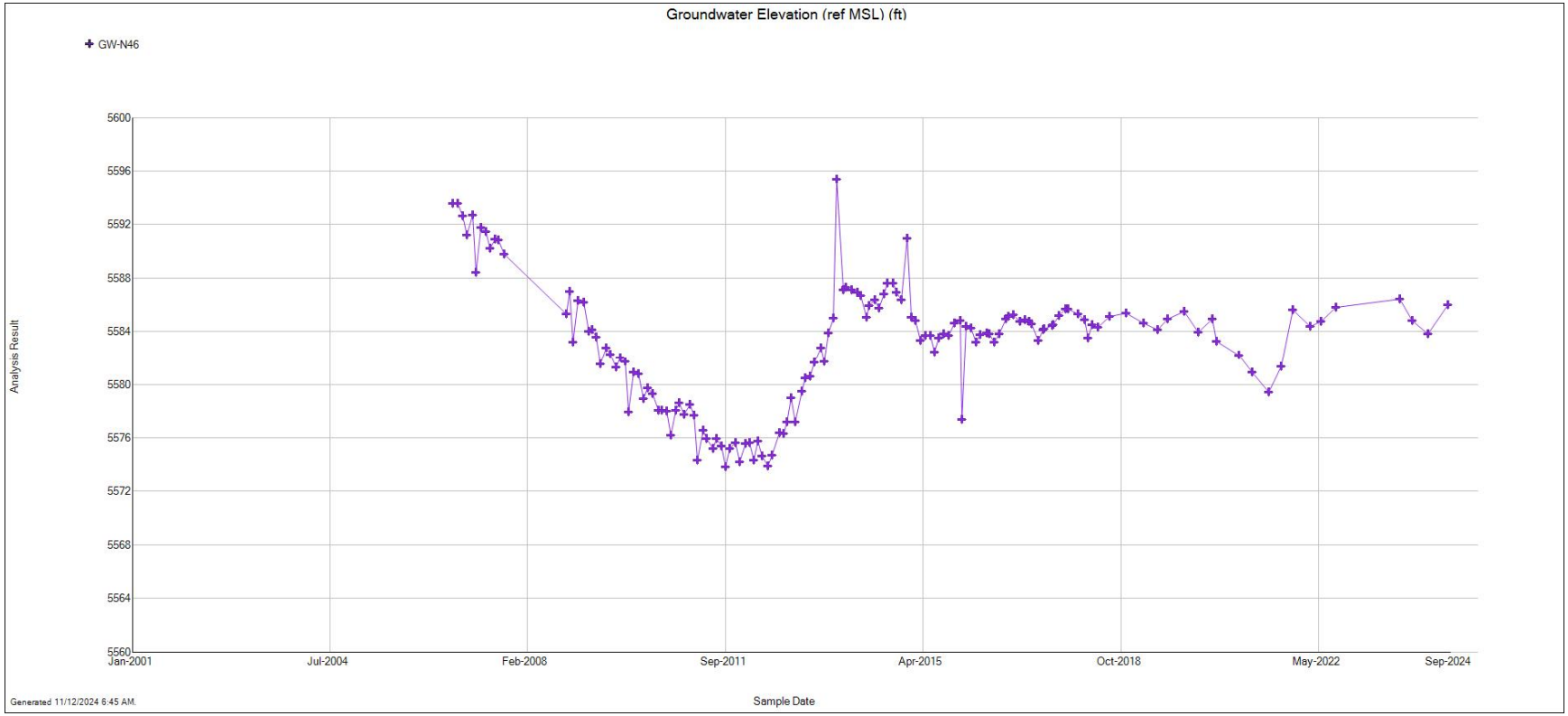

Groundwater Elevation (ref MSL) (ft)
GW-N36
Analysis Result
5760
5756
5752
5748
5744
5740
5736
5732
5728
5724
5720
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Generated 11/12/2024 6:41 AM.
Sample Date


Groundwater Elevation (ref MSL) (ft)
GW-N37
Analysis Result
6752
6076.8
5401.6
4726.4
4051.2
3376
2700.8
2025.6
1350.4
675.2
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Generated 11/12/2024 6:42 AM.


Groundwater Elevation (ref MSL) (ft)
GW-N38
Analysis Result
6000
5400
4800
4200
3600
3000
2400
1800
1200
600
0
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Generated 11/12/2024 6:43 AM.
Sample Date


Groundwater Elevation (ref MSL) (ft)
GW-N44
Analysis Result
5650
5647
5644
5641
5638
5635
5632
5629
5626
5623
5620
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Generated 11/12/2024 6:44 AM.


Groundwater Elevation (ref MSL) (ft)
GW-N45
Analysis Result
5700
5686
5672
5658
5644
5630
5616
5602
5588
5574
5560
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Generated 11/12/2024 6:44 AM.
Sample Date


Groundwater Elevation (ref MSL) (ft)
GW-N46
Analysis Result
5600
5596
5592
5588
5584
5580
5576
5572
5568
5564
5560
Jan-2001
Jul-2004
Feb-2008
Sep-2011
Apr-2015
Oct-2018
May-2022
Sep-2024
Sample Date
Generated 11/12/2024 6:45 AM.