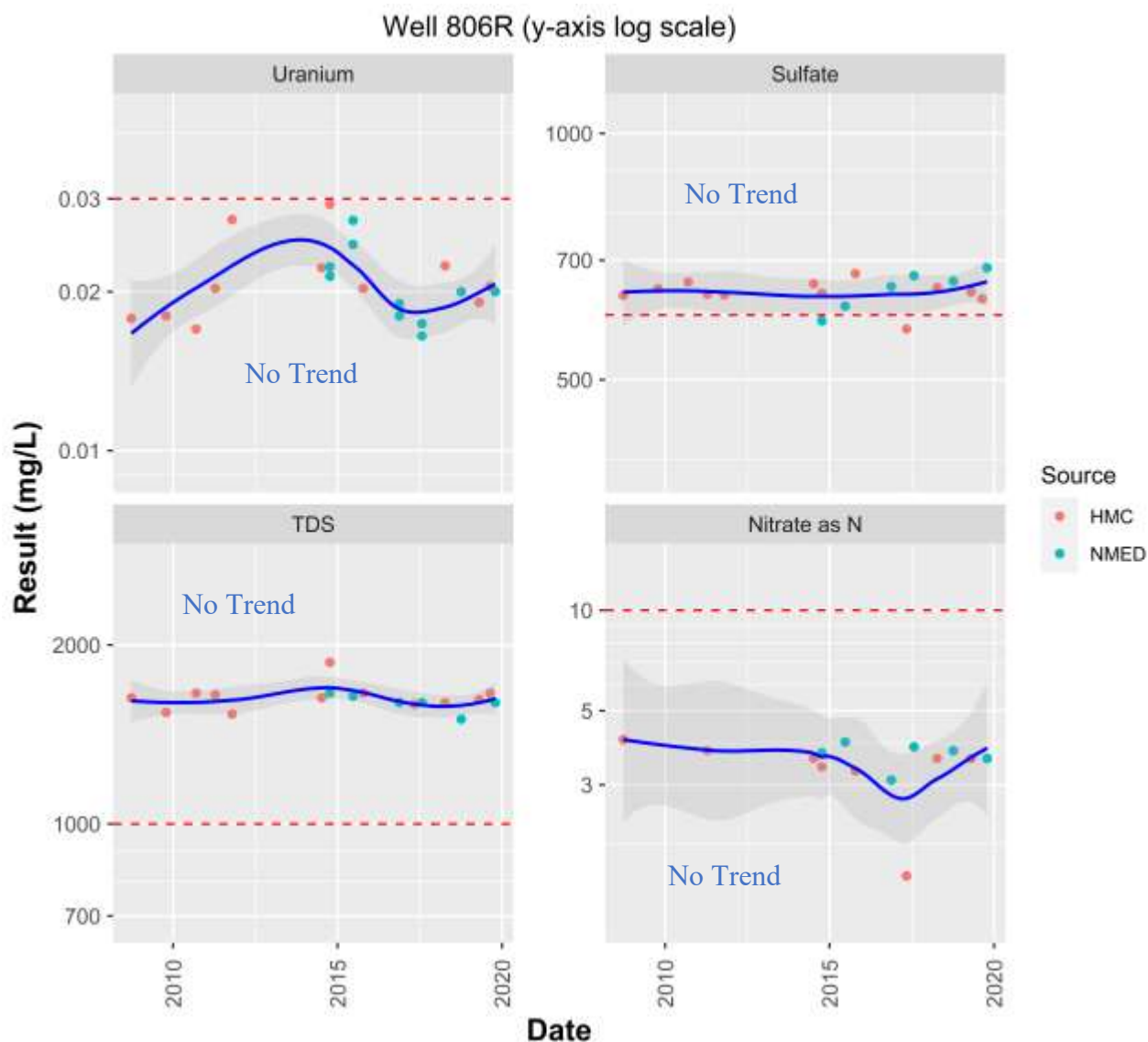


**Enclosure 1**

**Time-Concentration Plots and Mann-Kendall Trend Analyses for  
SAG wells 806R and 951R**

**Uranium, Sulfate, Nitrate (as N) and Total Dissolved Solids (TDS)**



**Notes:**

Mann-Kendall trend results shown on plots as “Increasing,” “Decreasing,” or “No Trend.”

— Blue line is a LOESS locally weighted regression line.

Shaded area is the corresponding 95% confidence interval.

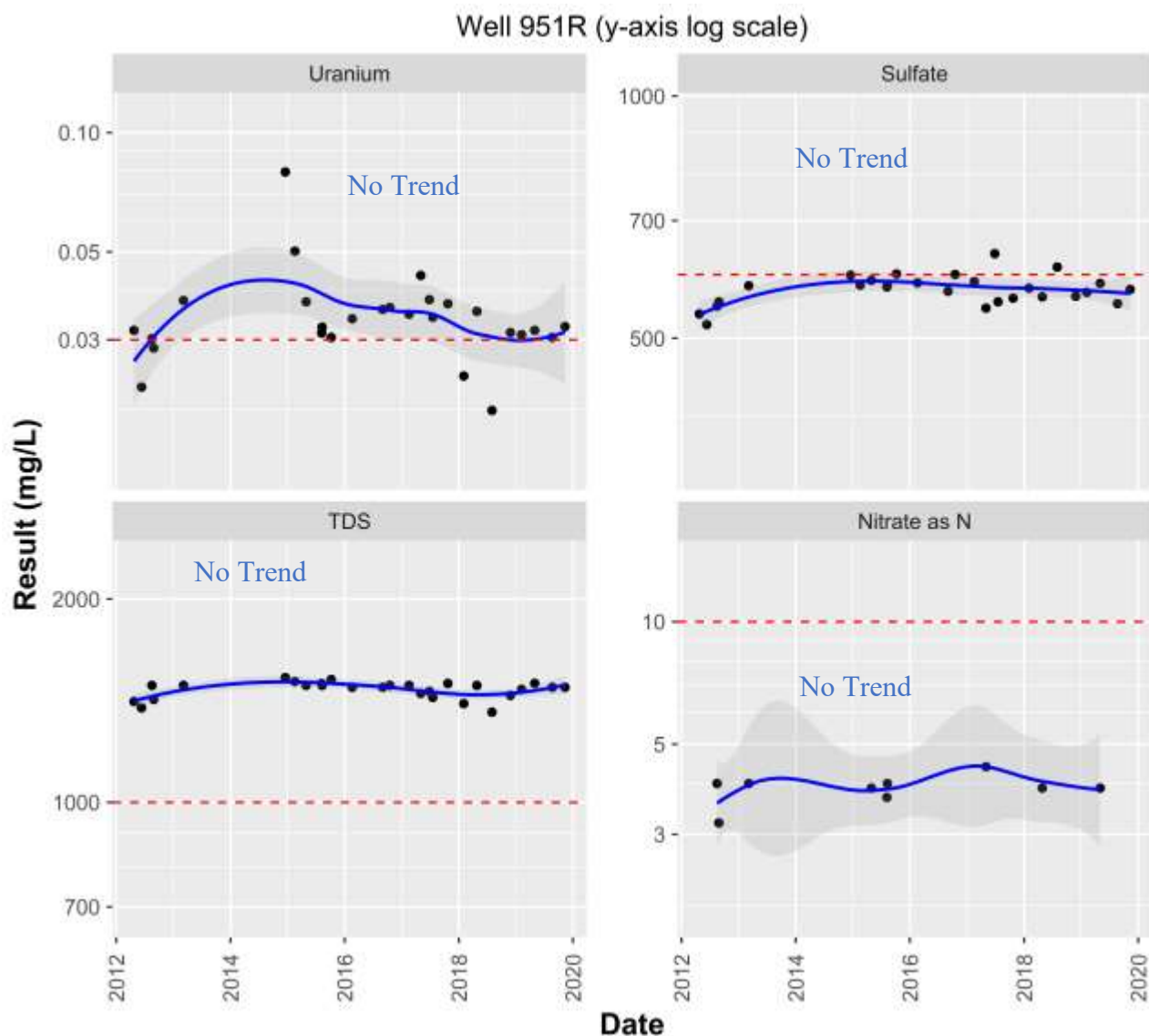
--- State of New Mexico groundwater standard for uranium included as a reference point, not intended to imply compliance requirement.

**Mann-Kendall Trends for Well 806R Key Analytes**

Analyte	Initial Trend Analysis Date	Final Trend Analysis Date	Number of Samples	Last Concentration Sampled (mg/L)	Mann Kendall		
					Concentration Trend	p-value	Tau value
Uranium	9/24/2008	10/17/2019	17	0.02	None	0.68	0.08
Sulfate	9/24/2008	10/17/2019	17	685	None	0.48	0.13
TDS	9/24/2008	10/17/2019	17	1600	None	0.53	-0.12
Nitrate as N	9/24/2008	10/17/2019	13	3.6	None	0.32	-0.23

**Notes:**

p-value < 0.05 denotes a statistically significant trend



**Notes:**

Mann-Kendall trend results shown on plots as “Increasing,” “Decreasing,” or “No Trend.”

Source of all sample data for well 951R from HMC

— Blue line is a LOESS locally weighted regression line.

Shaded area is the corresponding 95% confidence interval.

--- State of New Mexico groundwater standard for uranium included as a reference point, not intended to imply compliance requirement.

**Mann-Kendall Trends for Well 951R Key Analytes**

Analyte	Initial Trend Analysis Date	Final Trend Analysis Date	Number of Samples	Last Concentration Sampled (mg/L)	Mann Kendall		
					Concentration Trend	p-value	Tau value
Uranium	4/12/2012	11/11/2019	27	0.0324	None	0.59	-0.08
Sulfate	4/12/2012	11/11/2019	27	575	None	0.51	0.09
TDS	4/12/2012	11/11/2019	27	1480	None	0.45	-0.11
Nitrate as N	8/16/2012	5/2/2019	9	3.9	None	0.91	0.06

**Notes:**

p-value < 0.05 denotes a statistically significant trend