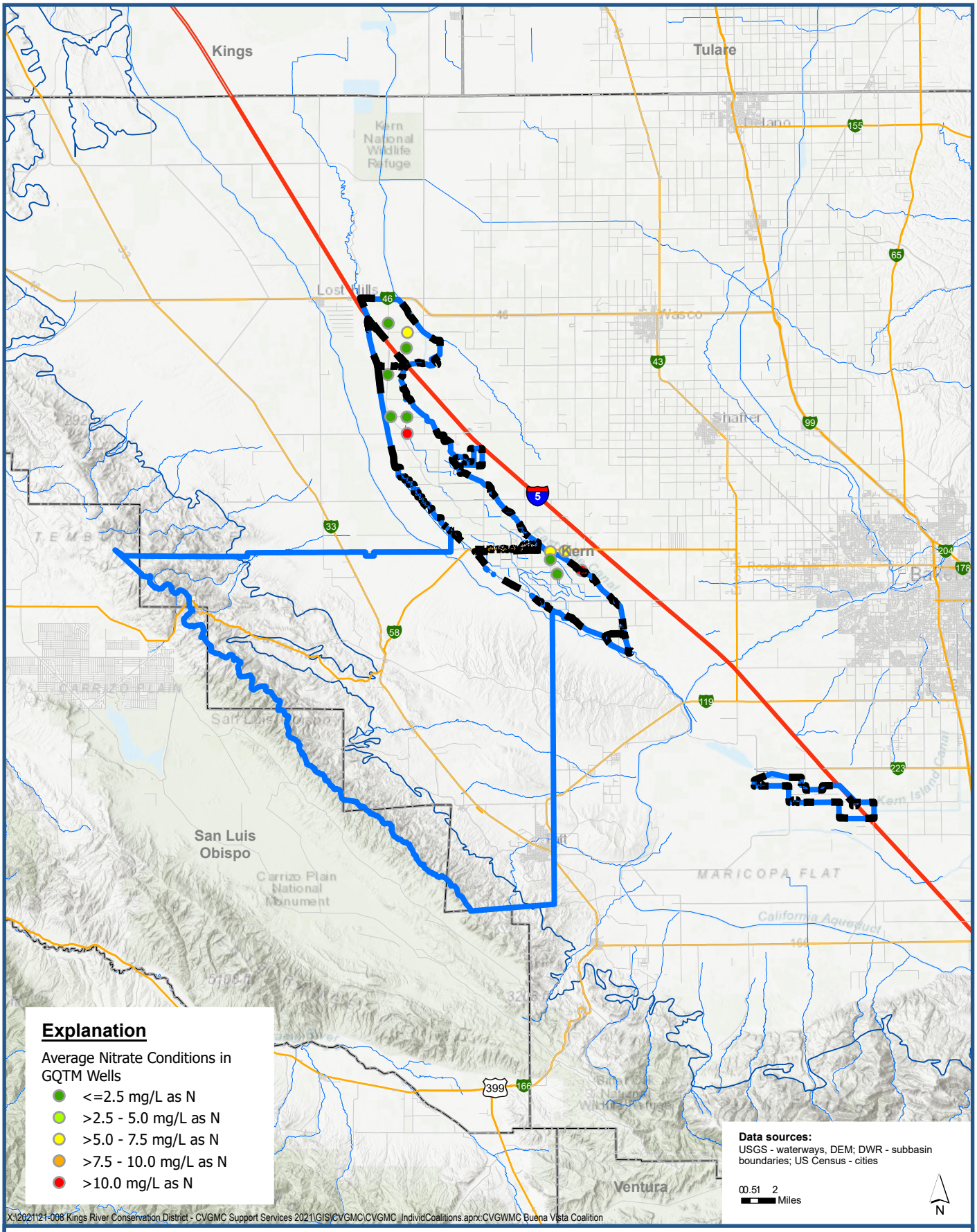
Appendix E

Buena Vista Coalition 5-Year Assessment

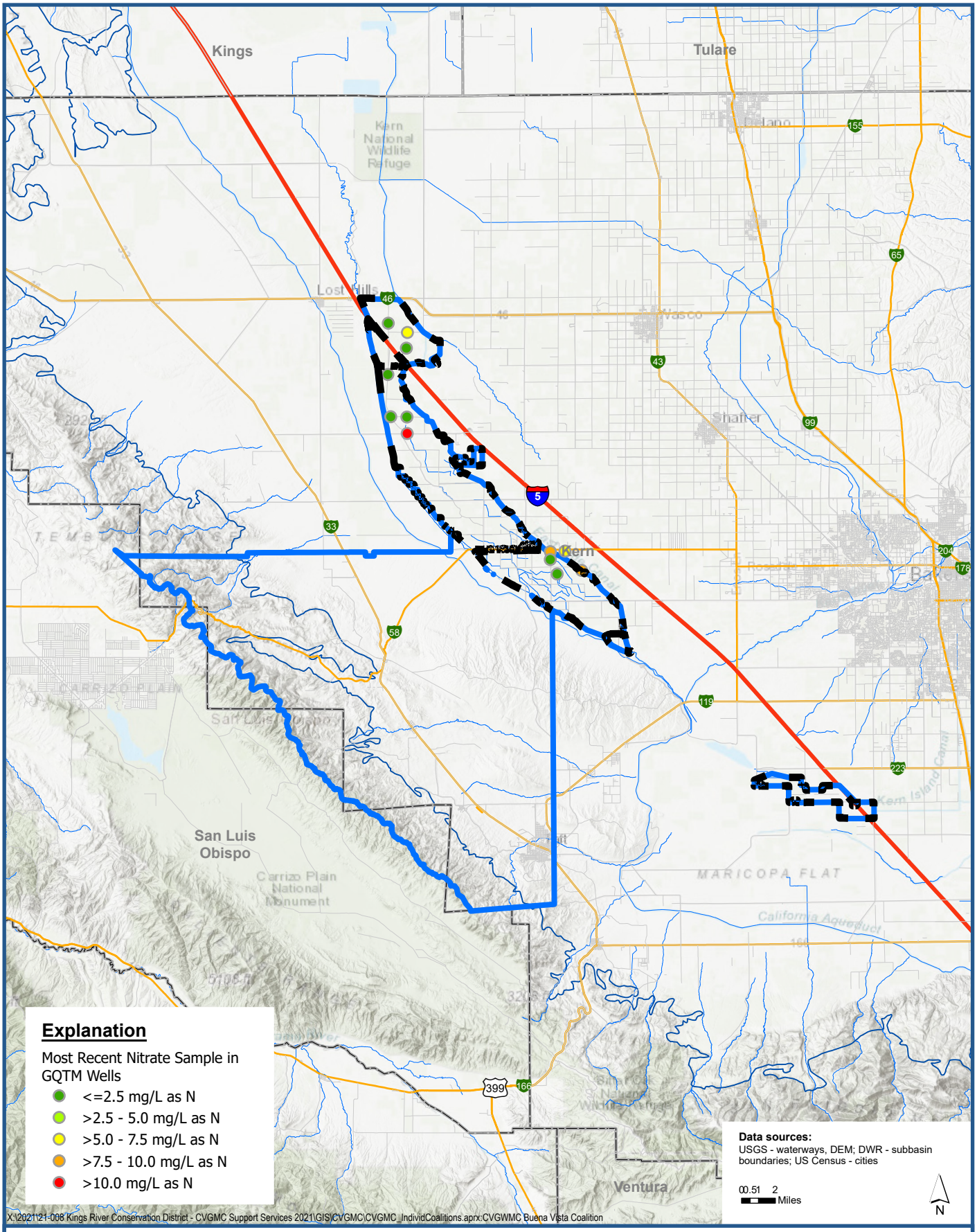


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Buena Vista Coalition)

CVGMC
Five-Year Report

Figure E-1

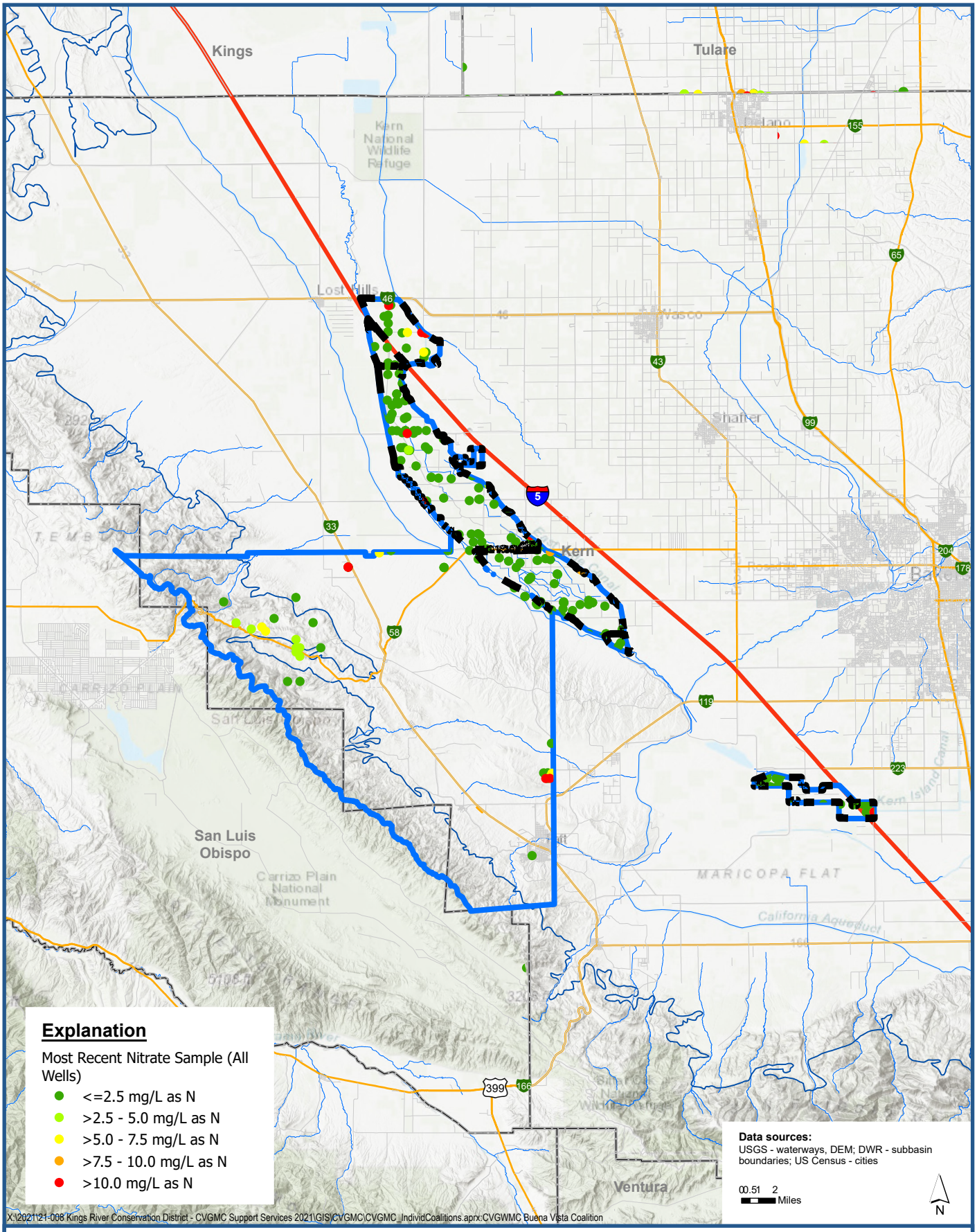


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Buena Vista Coalition)

CVGMC
Five-Year Report

Figure E-2

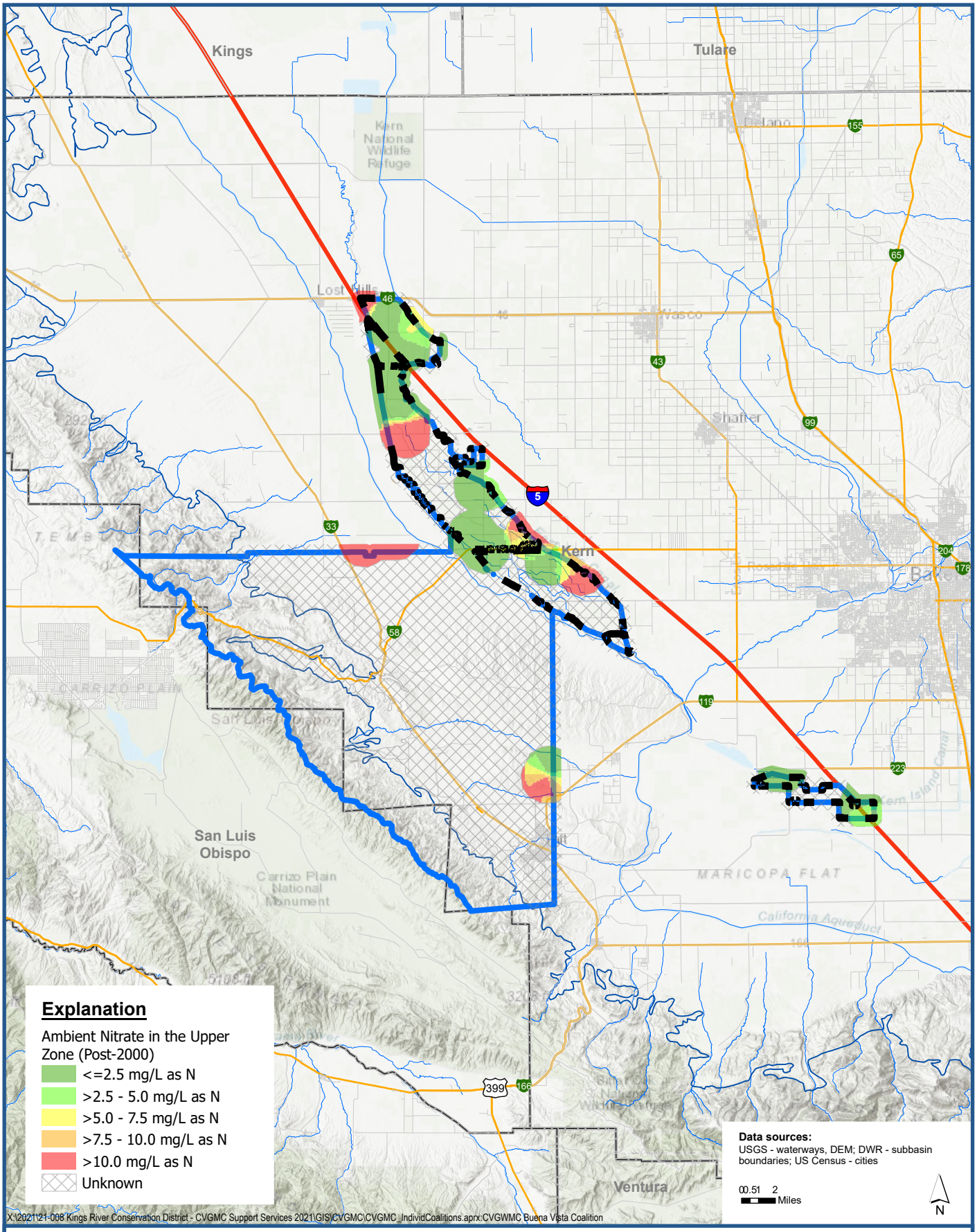


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Buena Vista Coalition)

CVGMC
Five-Year Report

Figure E-3

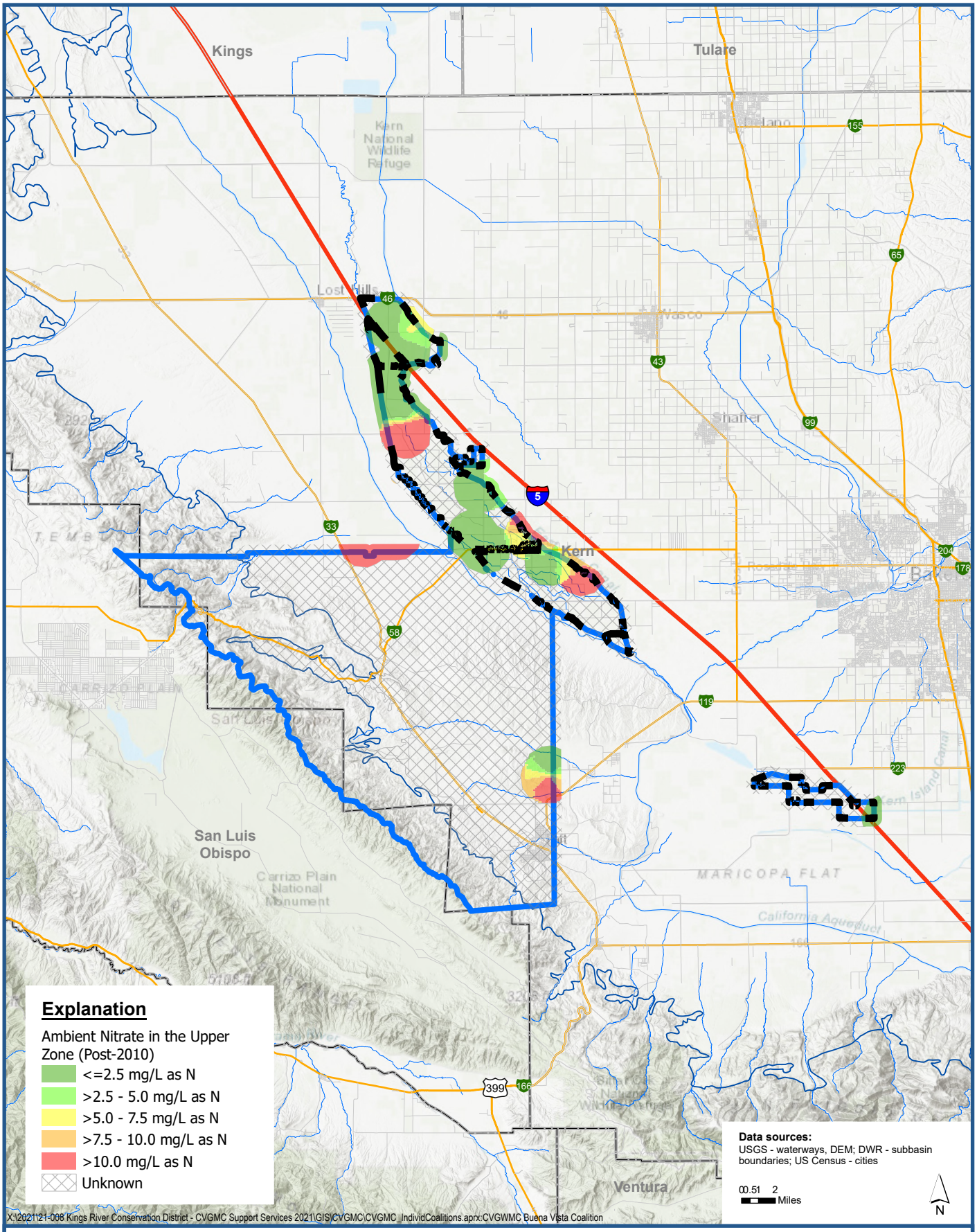


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Buena Vista Coalition)

CVGMC
Five-Year Report

Figure E-4

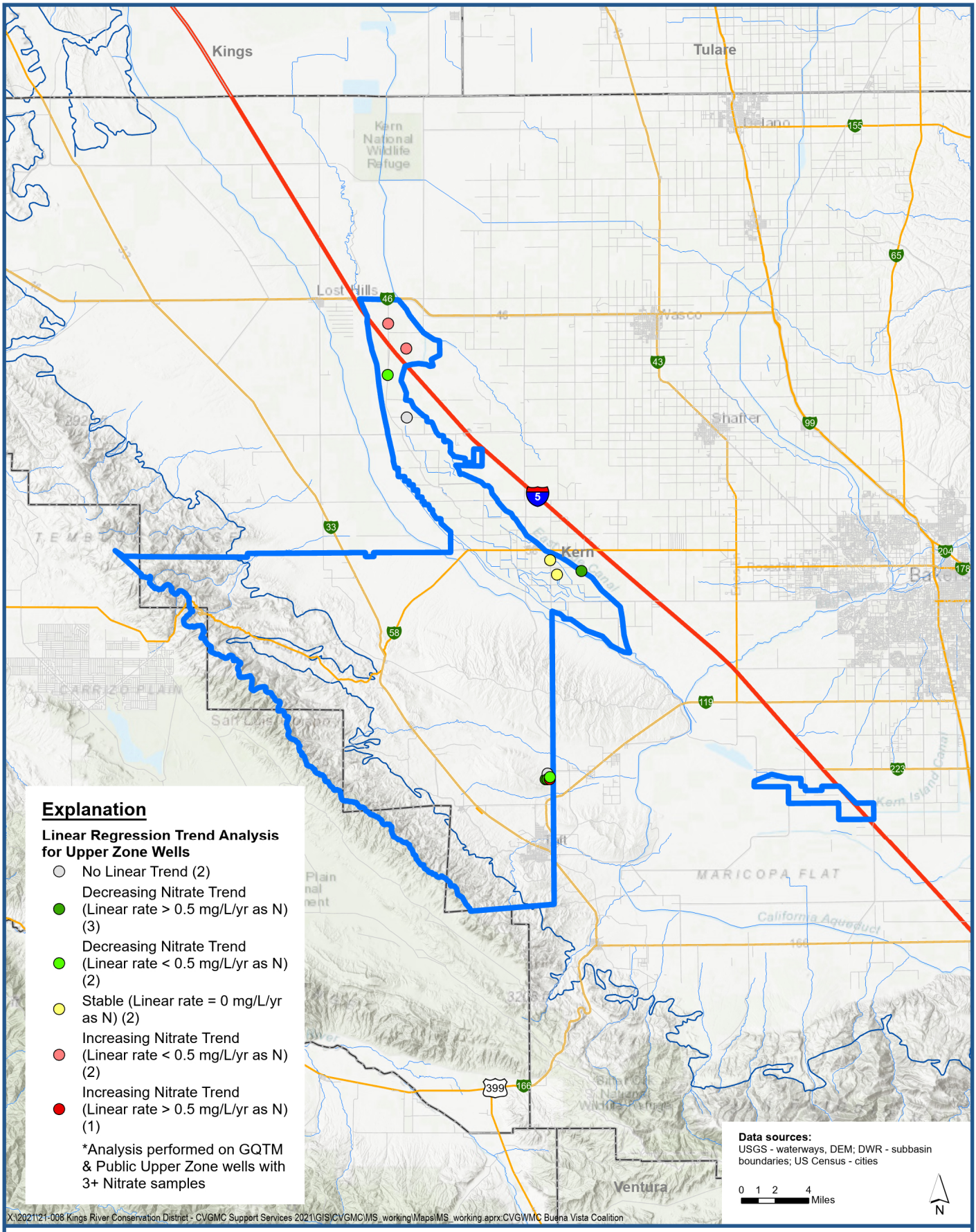


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Buena Vista Coalition)

CVGMC
Five-Year Report

Figure E-5

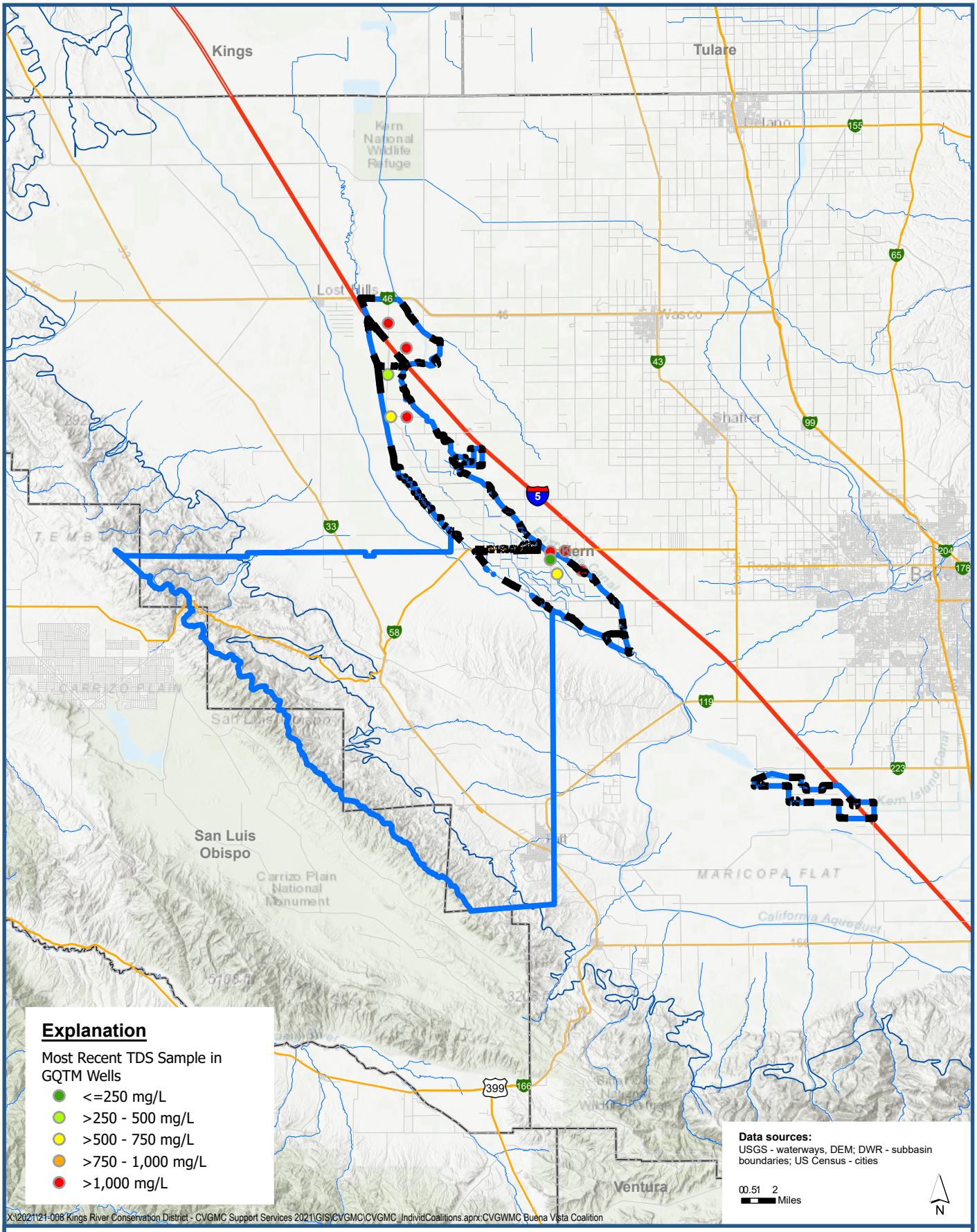


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Buena Vista Coalition)

CVGMC
Five-Year Report

Figure E-6



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Buena Vista Coalition)

CVGMC
Five-Year Report

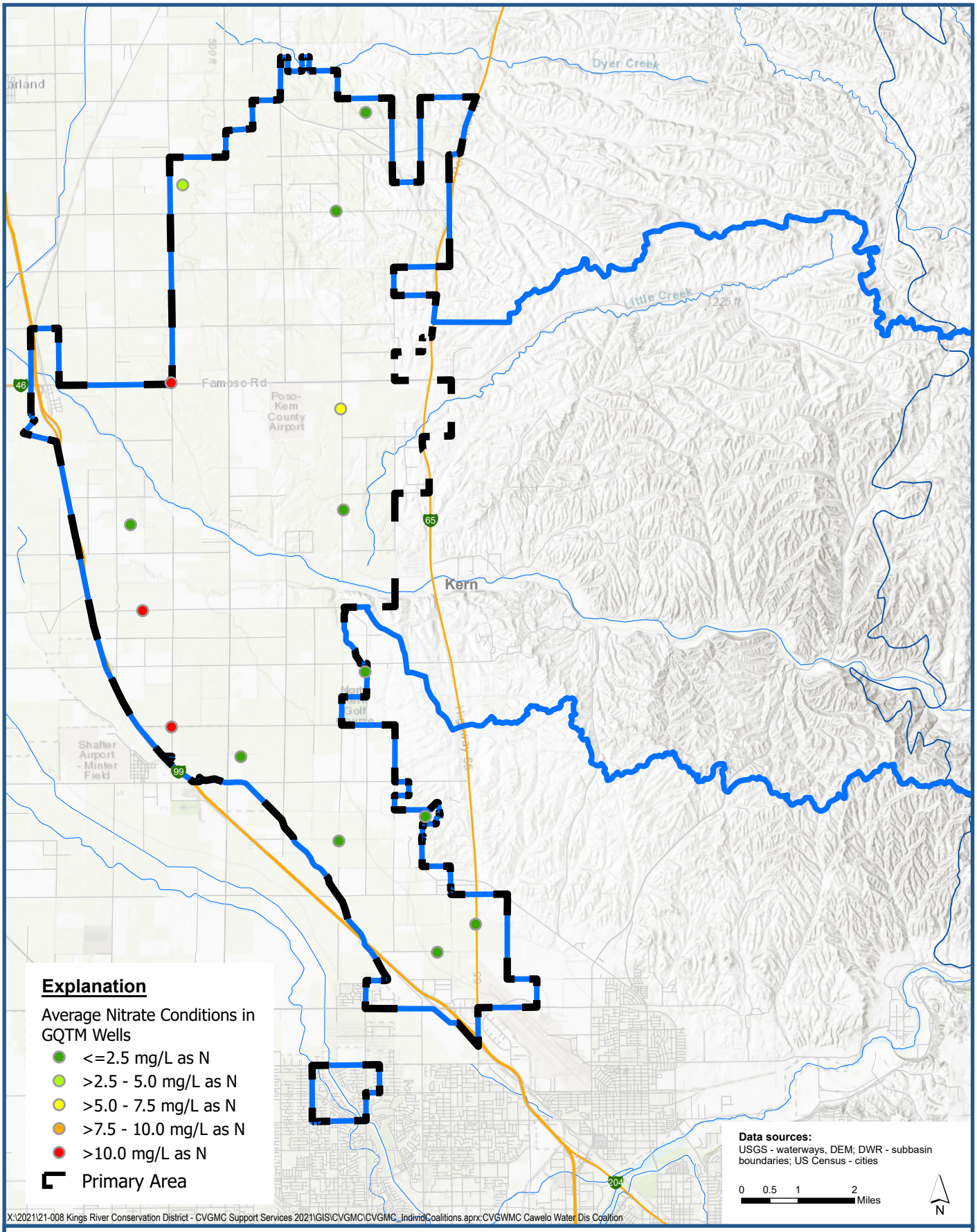
Figure E-7

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
Kings River Watershed Coalition Authotiy	Irrigated	15	5	4	11
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure E-7. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix F

Cawelo Water District Coalition 5-Year Assessment

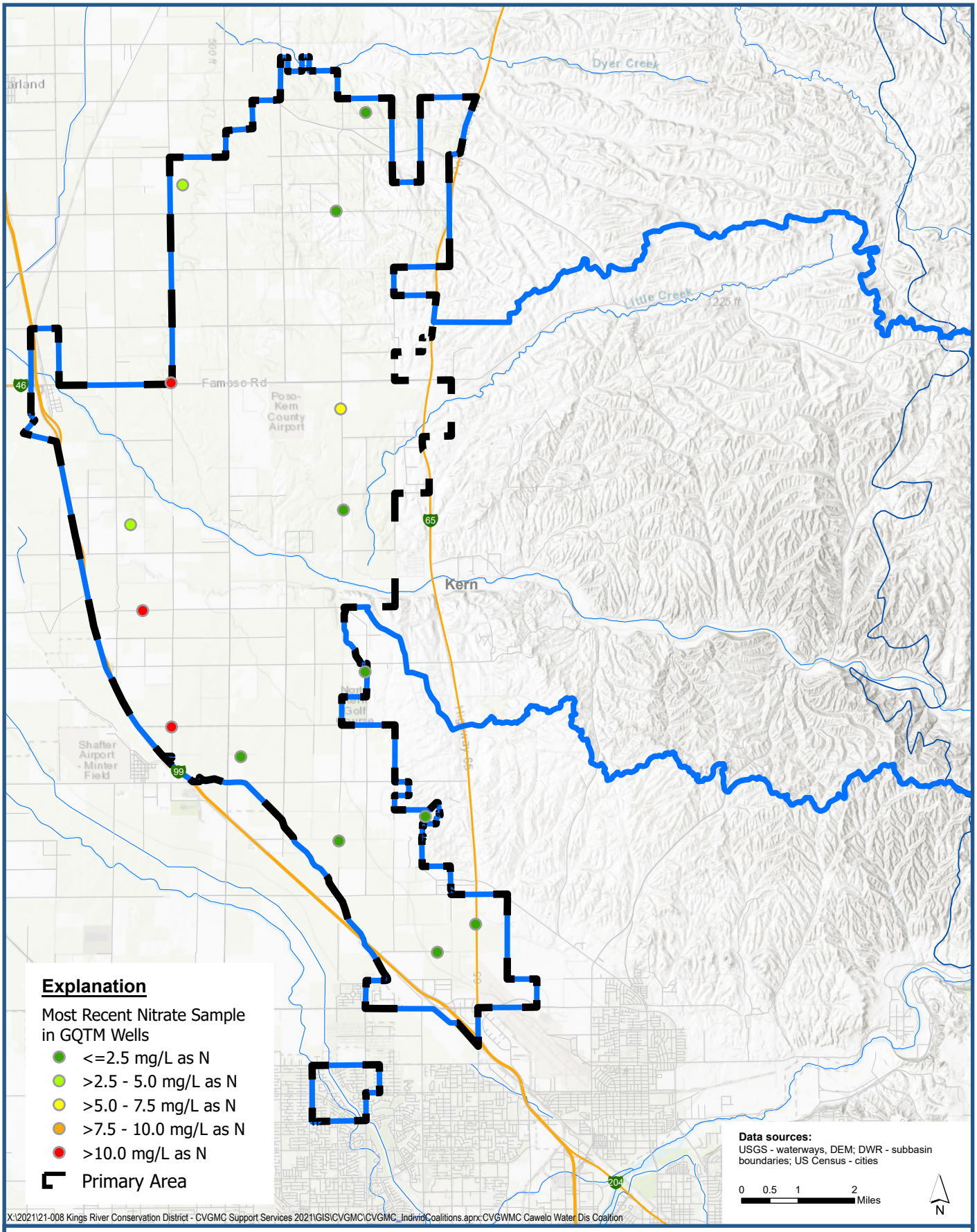


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Cawelo Water District Coalition)

CVGMC
Five-Year Report

Figure F-1

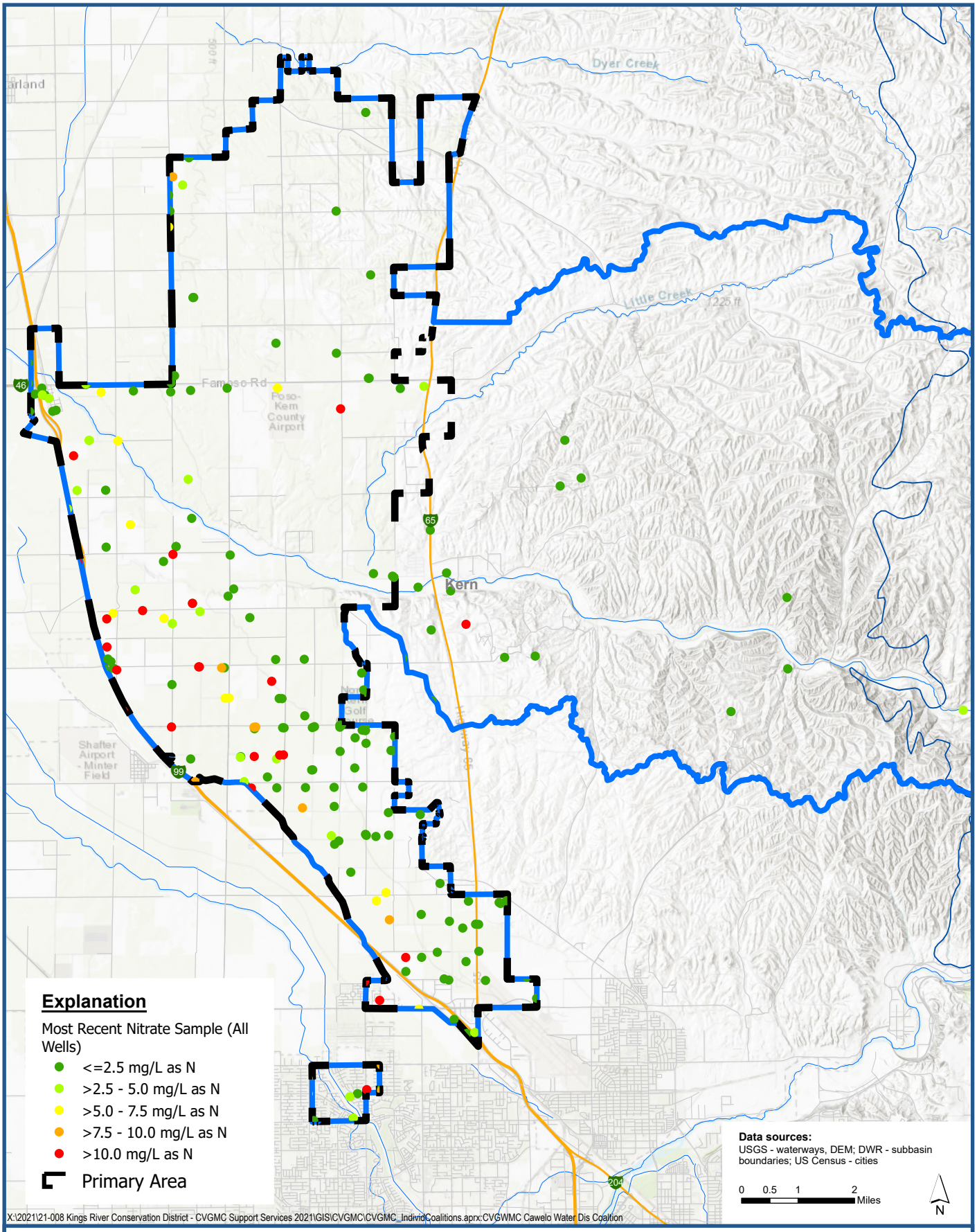


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Cawelo Water District Coalition)

CVGMC
Five-Year Report

Figure F-2

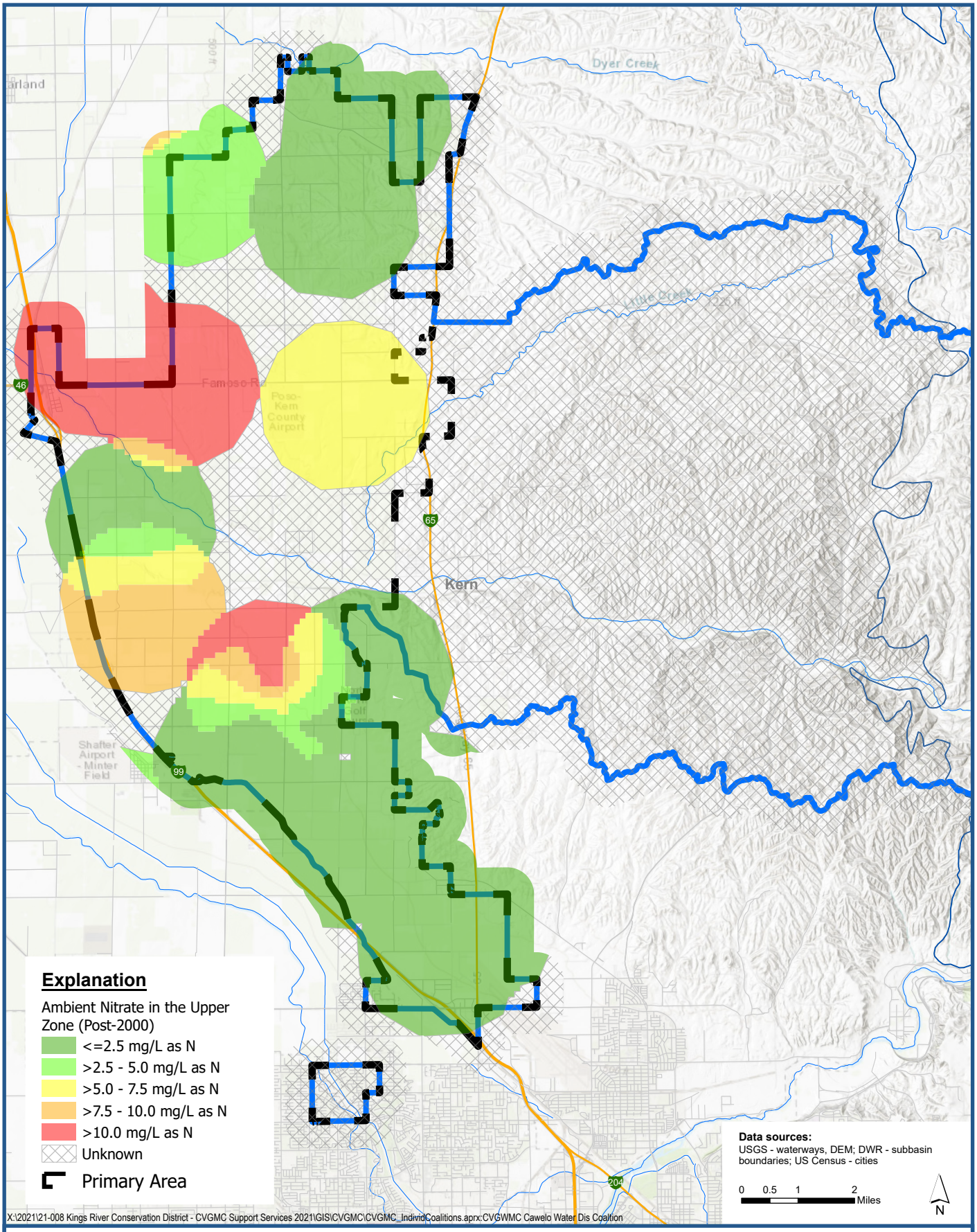


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Cawelo Water District Coalition)

Figure F-3

CVGMC
Five-Year Report

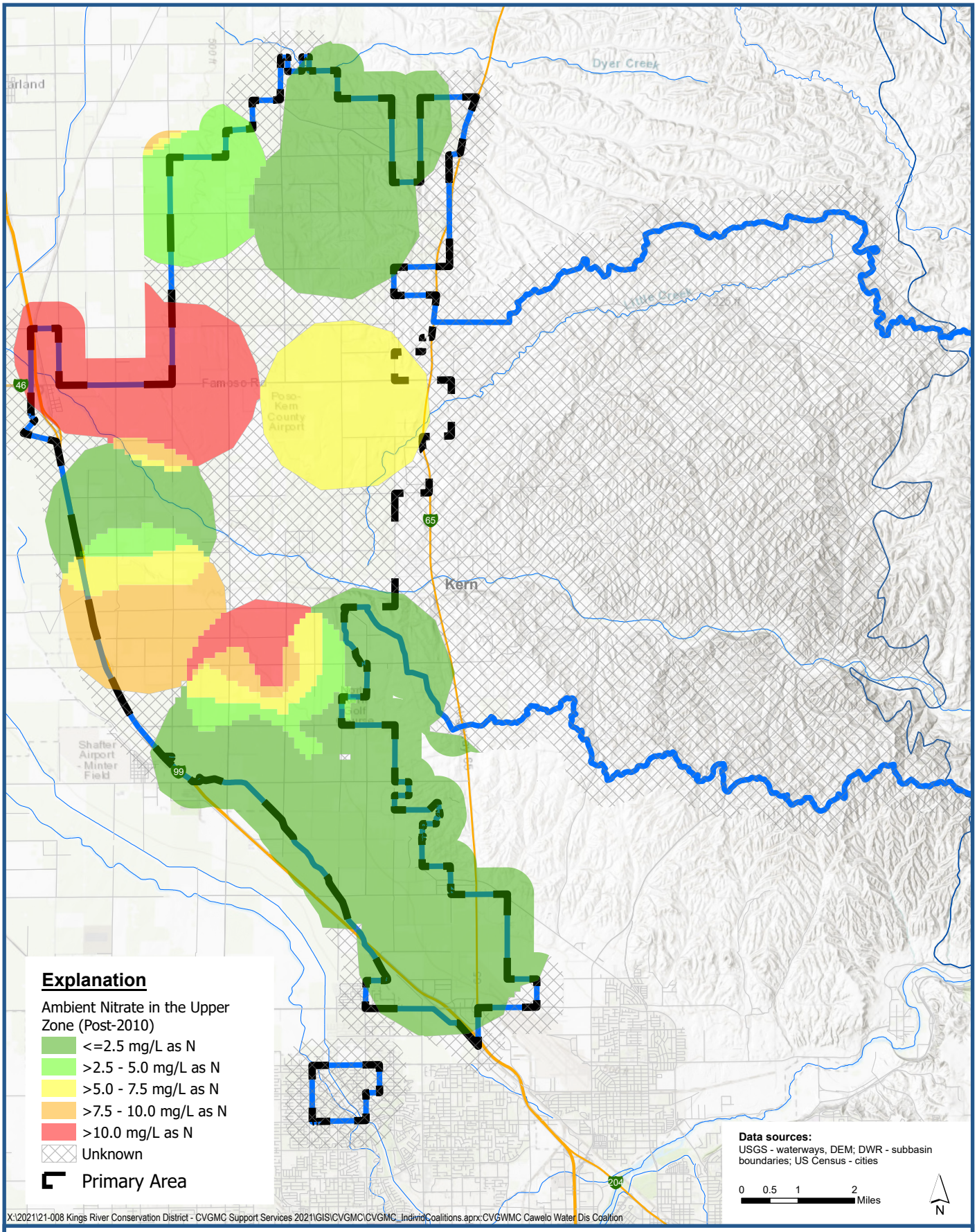


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Cawelo Water District Coalition)

CVGMC
Five-Year Report

Figure F-4

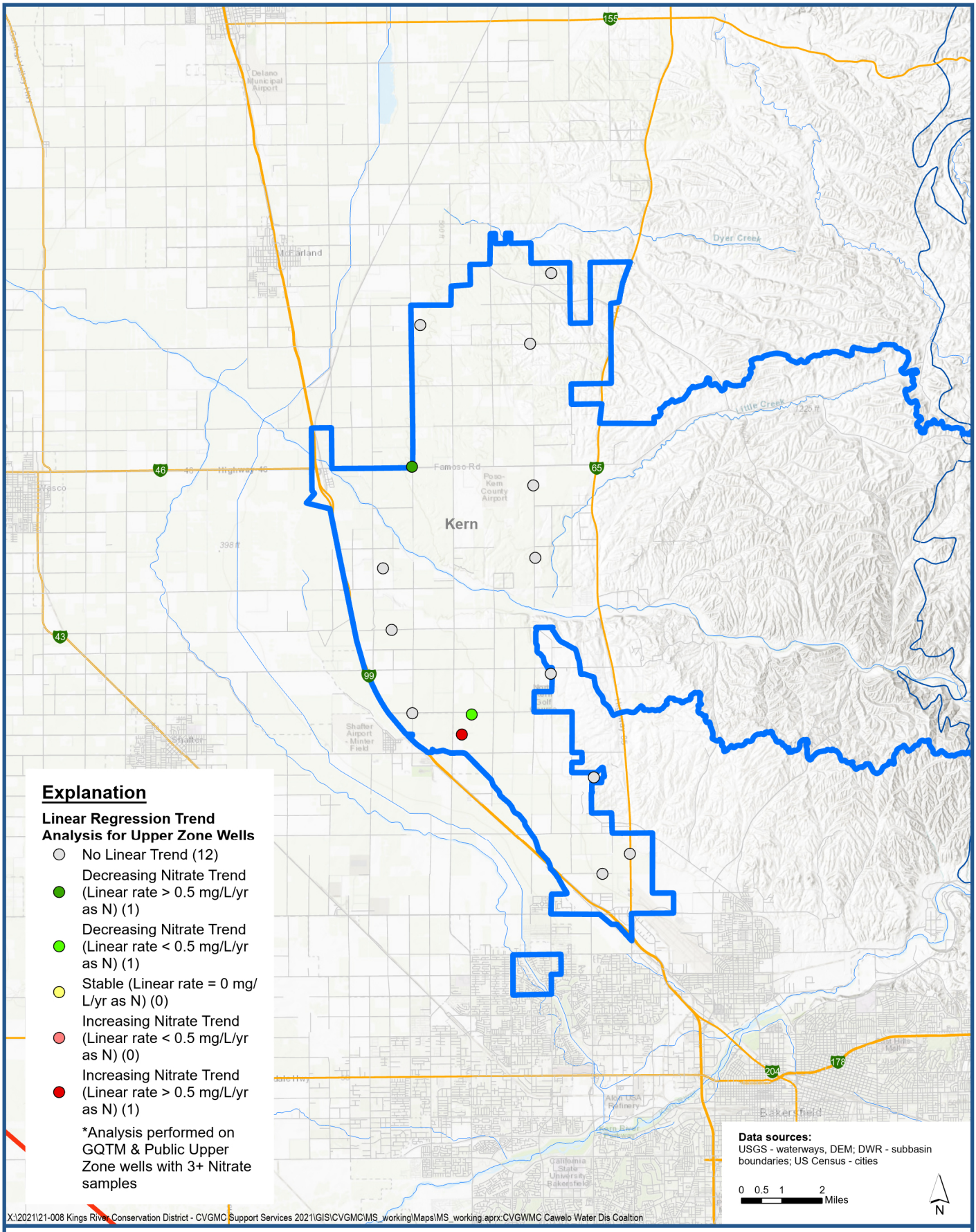


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Cawelo Water District Coalition)

CVGMC
Five-Year Report

Figure F-5

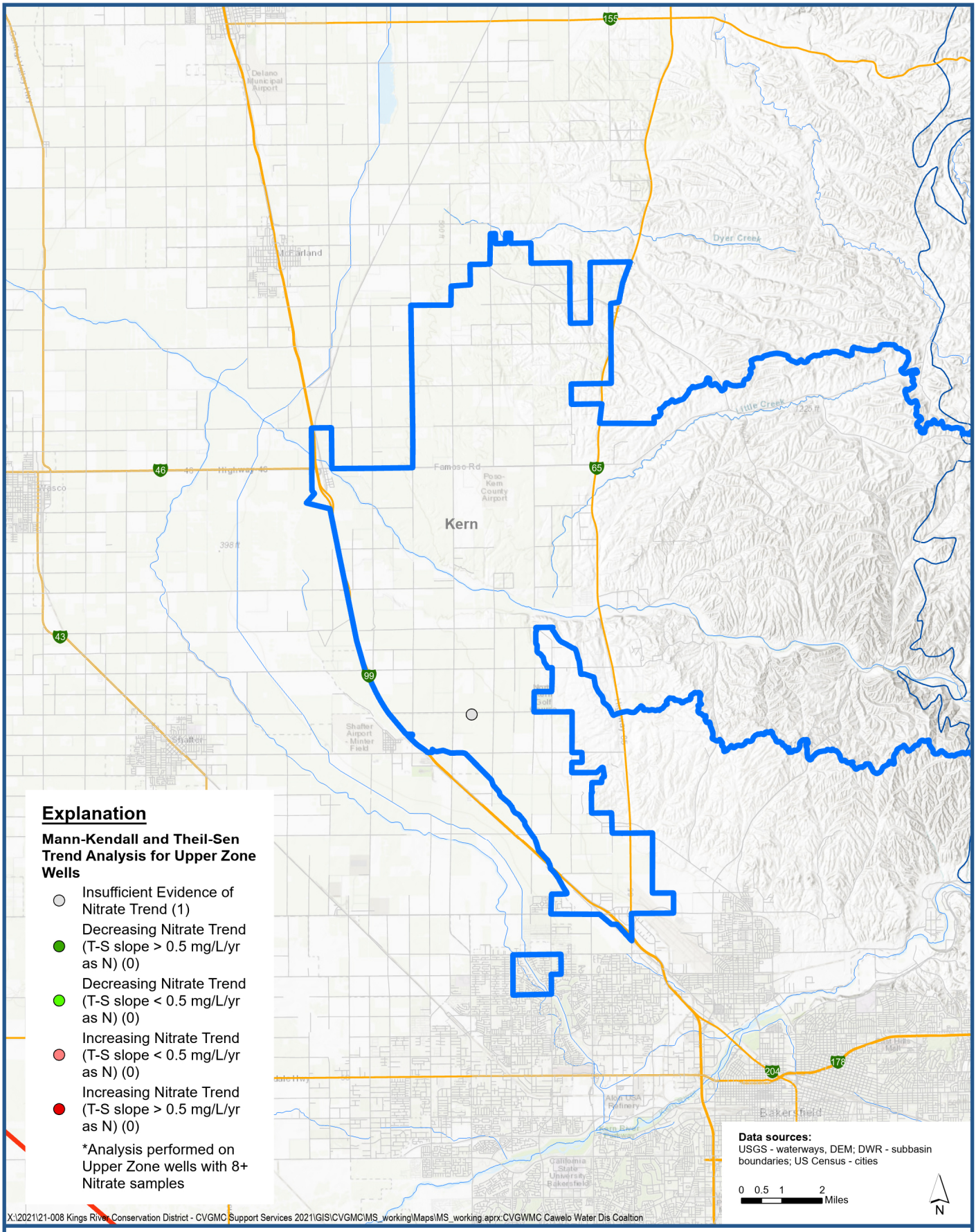


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Cawelo Water District Coalition)

CVGMC
Five-Year Report

Figure F-6

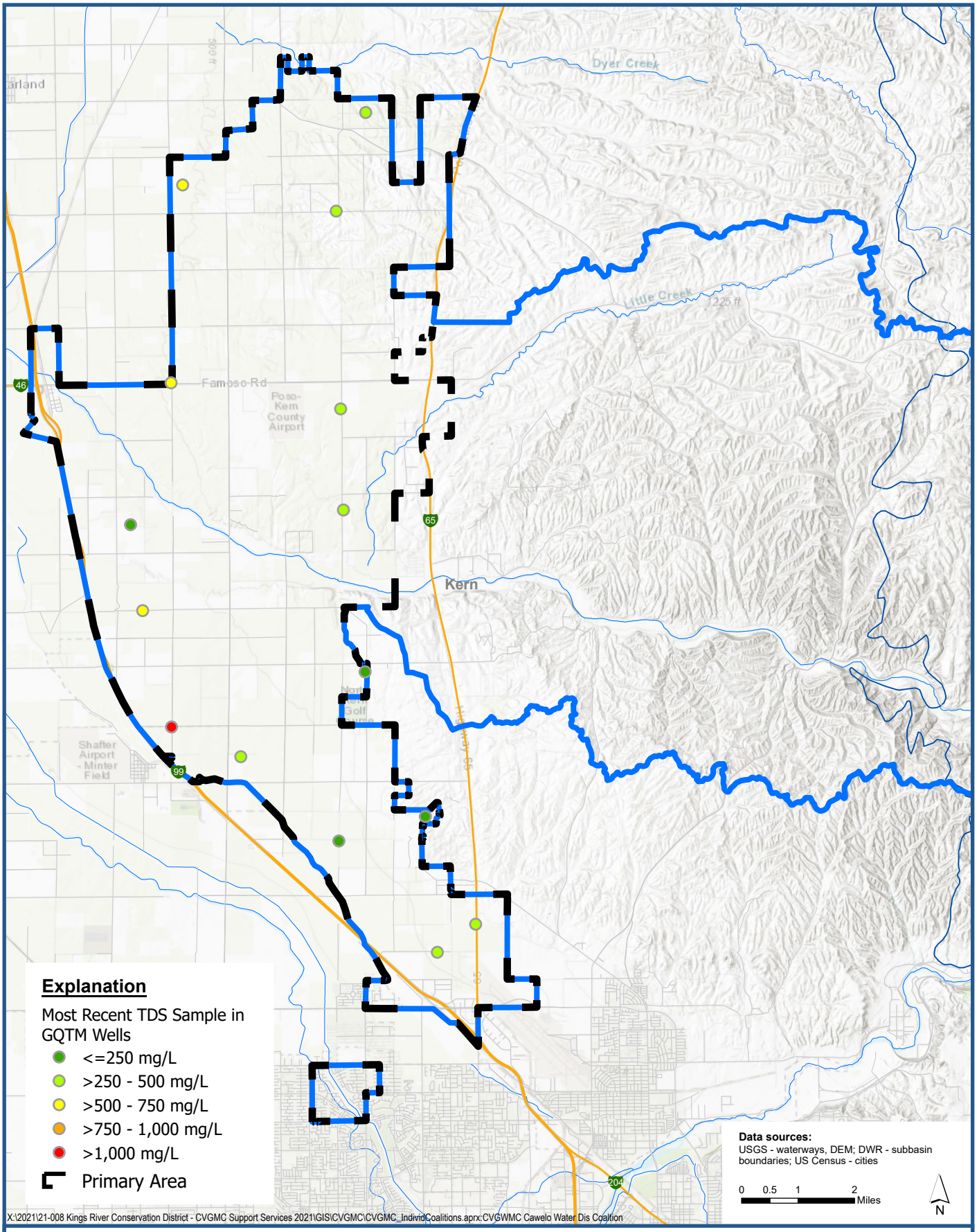


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Cawelo Water District Coalition)

CVGMC
Five-Year Report

Figure F-7



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Cawelo Water District Coalition)

CVGMC
Five-Year Report

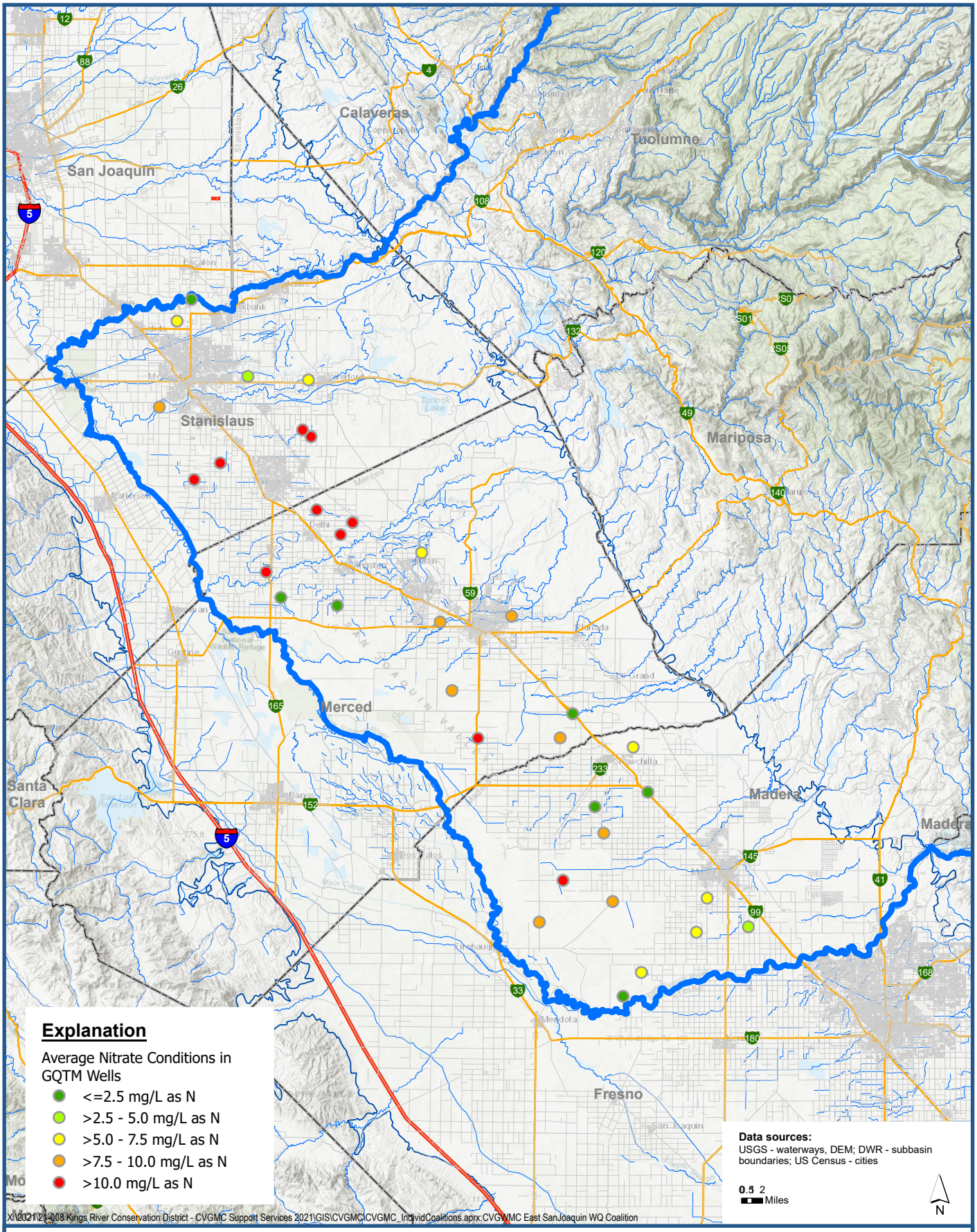
Figure F-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
Kings River Watershed Coalition Authotiy	Irrigated	15	5	4	11
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure F-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix G

East San Joaquin Water Quality Coalition 5-Year Assessment

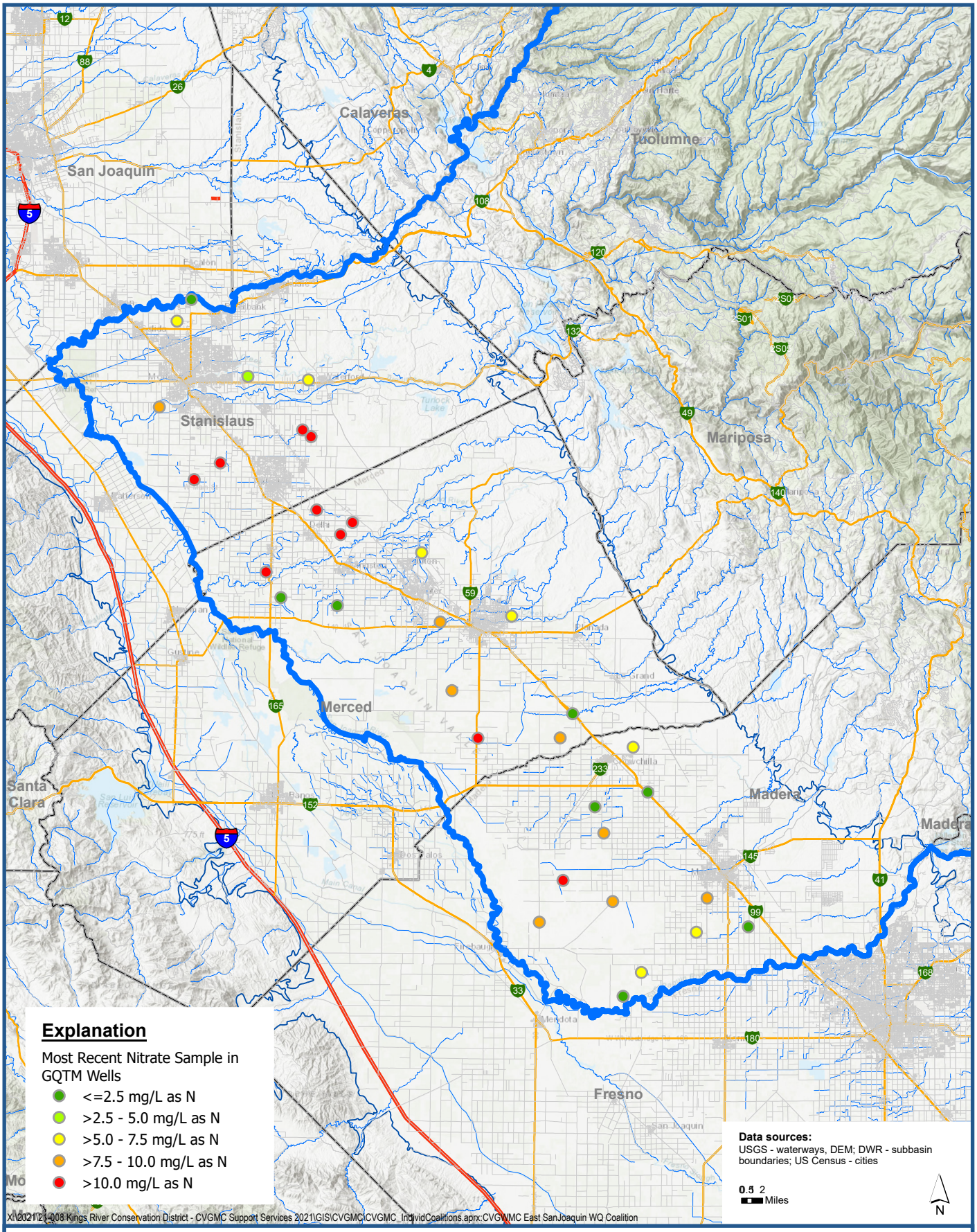


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (East San Joaquin Water Quality Coalition)

CVGMC
Five-Year Report

Figure G-1

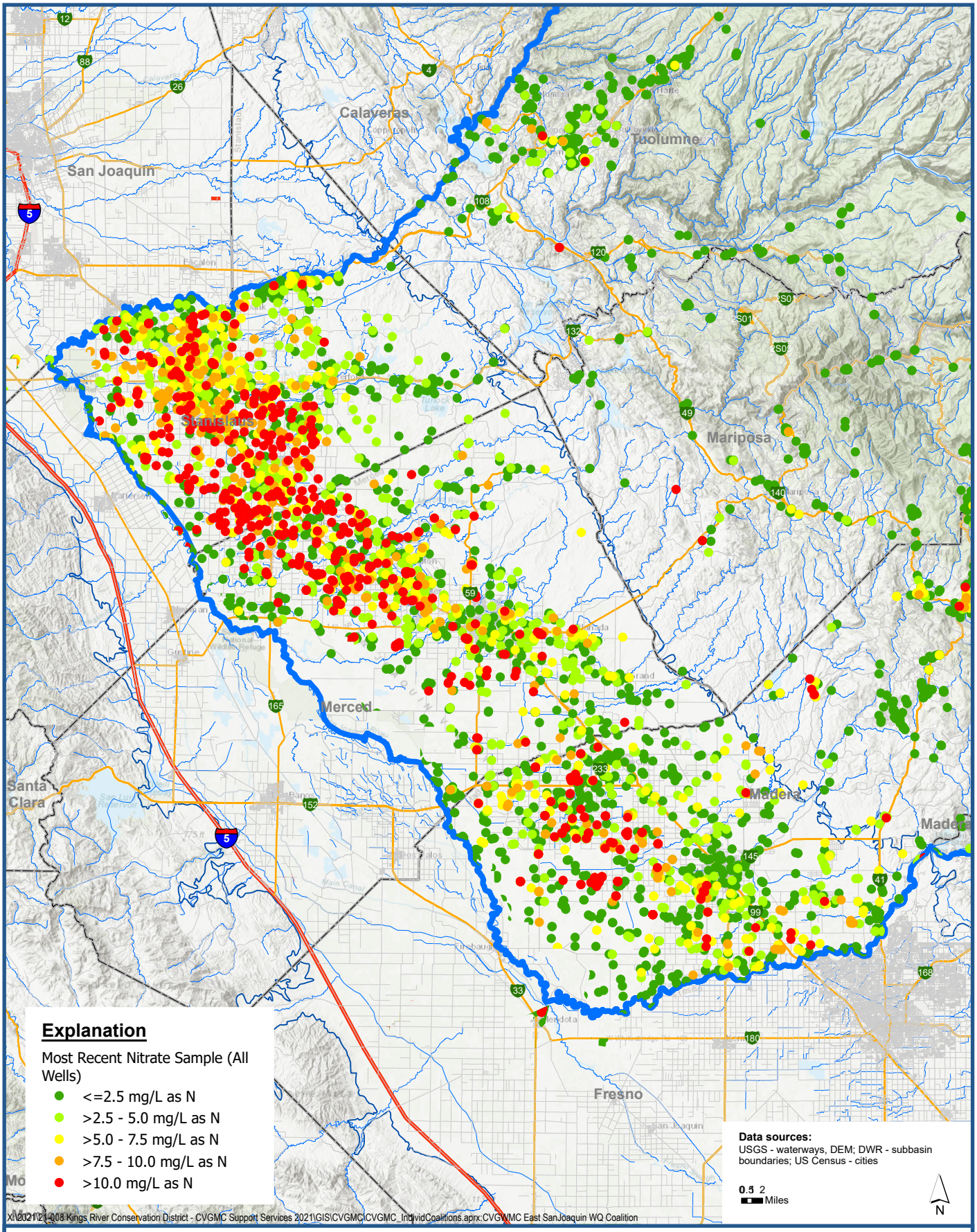


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (East San Joaquin Water Quality Coalition)

CVGMC
Five-Year Report

Figure G-2

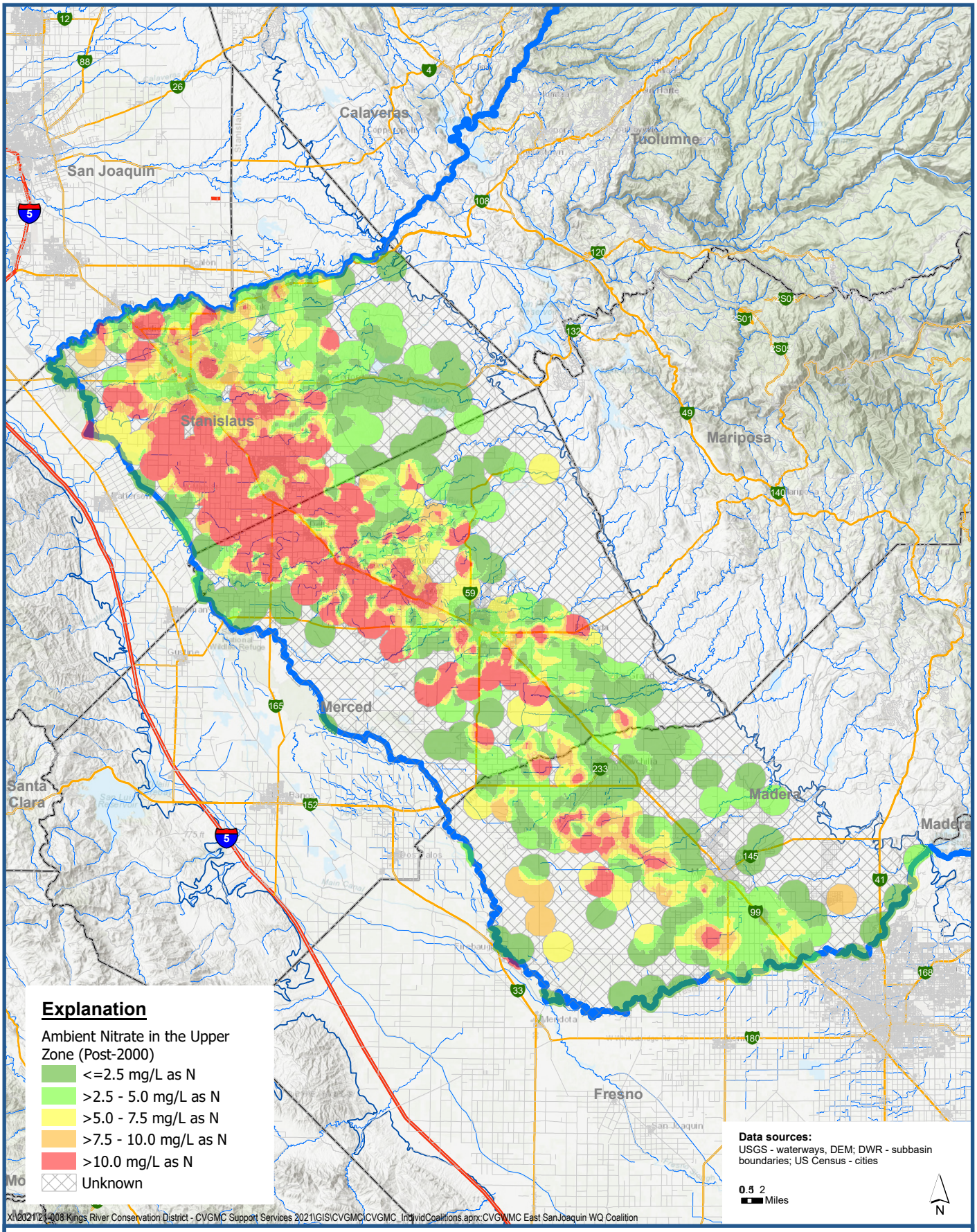


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (East San Joaquin Water Quality Coalition)

Figure G-3

CVGMC
Five-Year Report

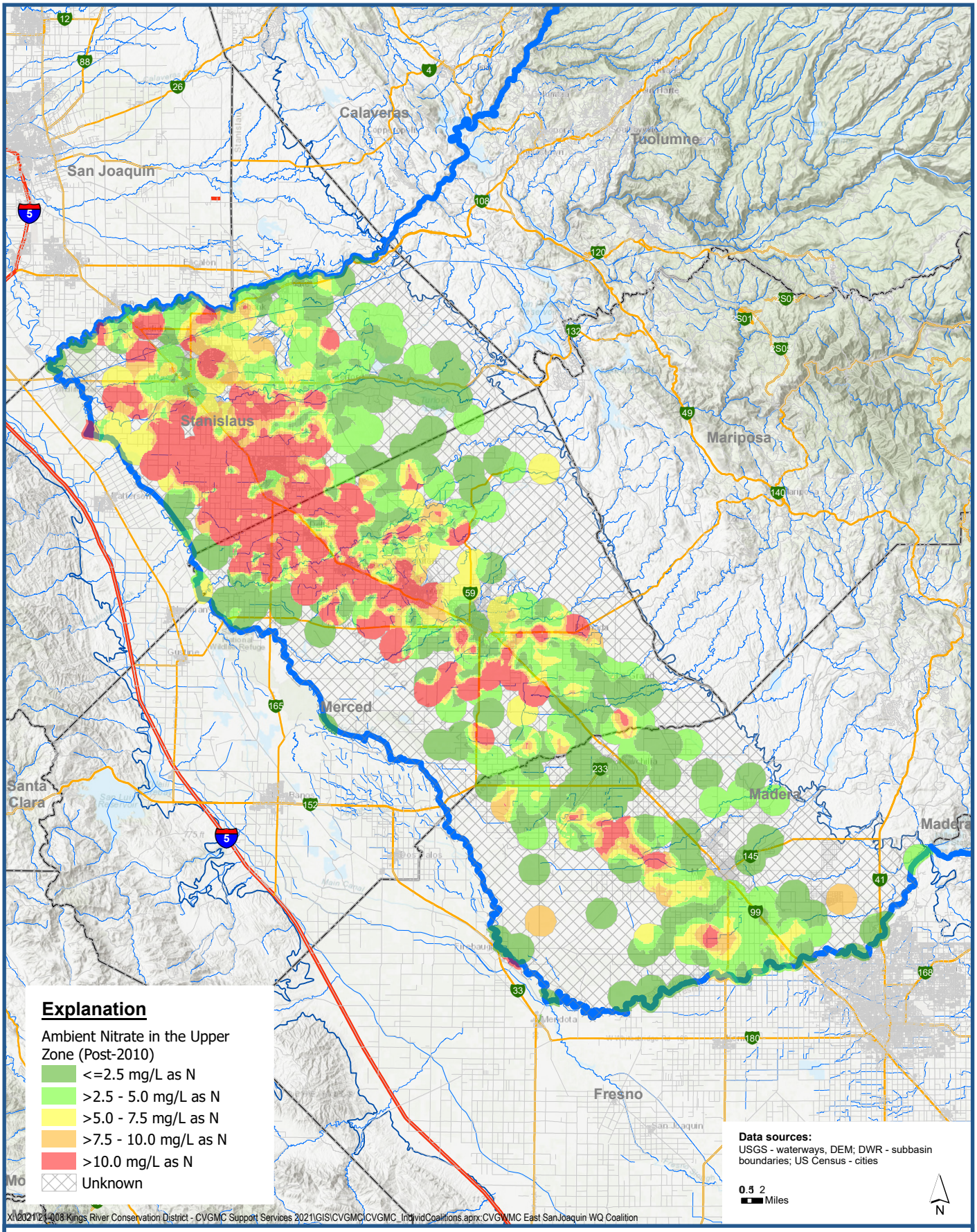


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (East San Joaquin Water Quality Coalition)

CVGMC
Five-Year Report

Figure G-4

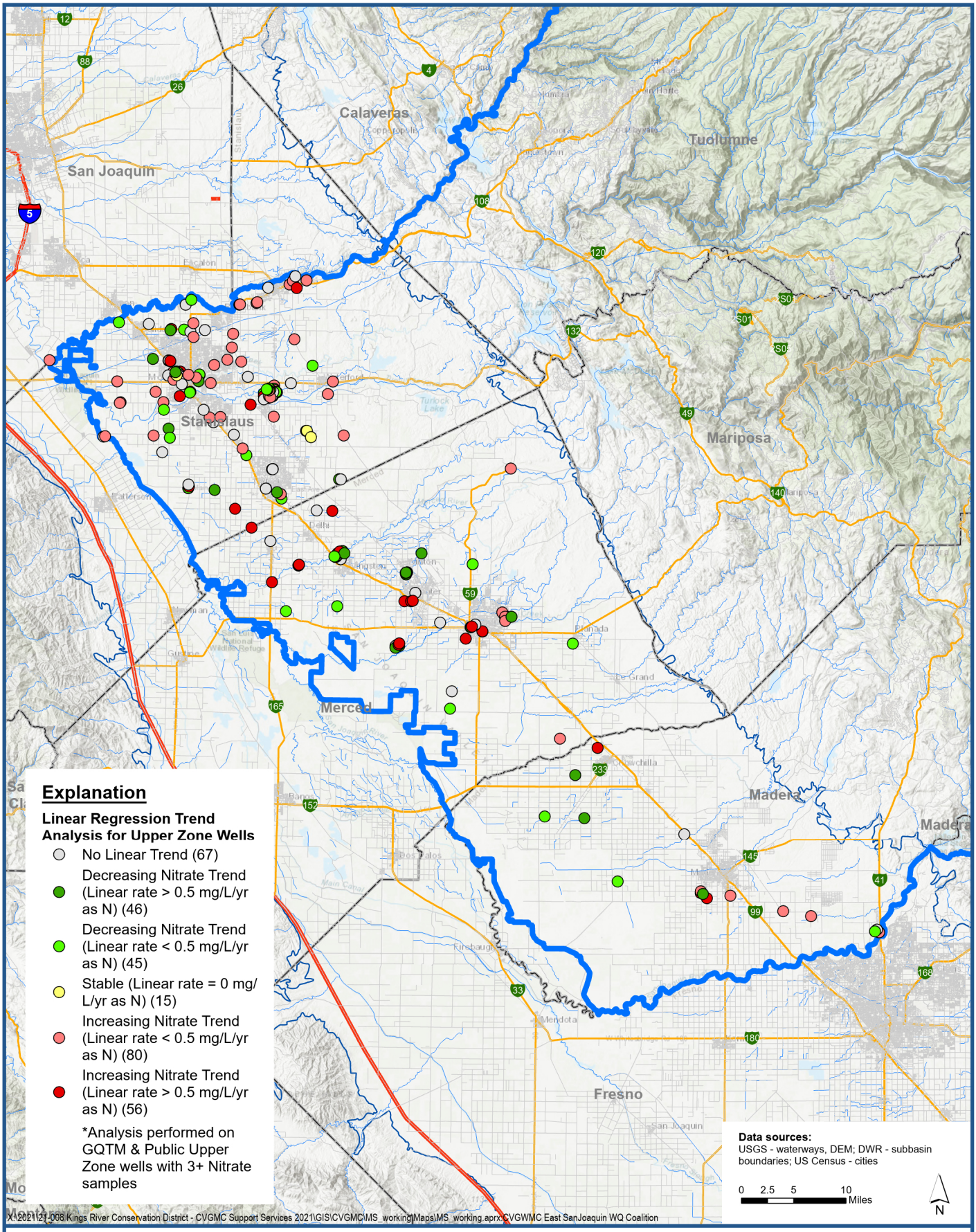


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (East San Joaquin Water Quality Coalition)

CVGMC
Five-Year Report

Figure G-5

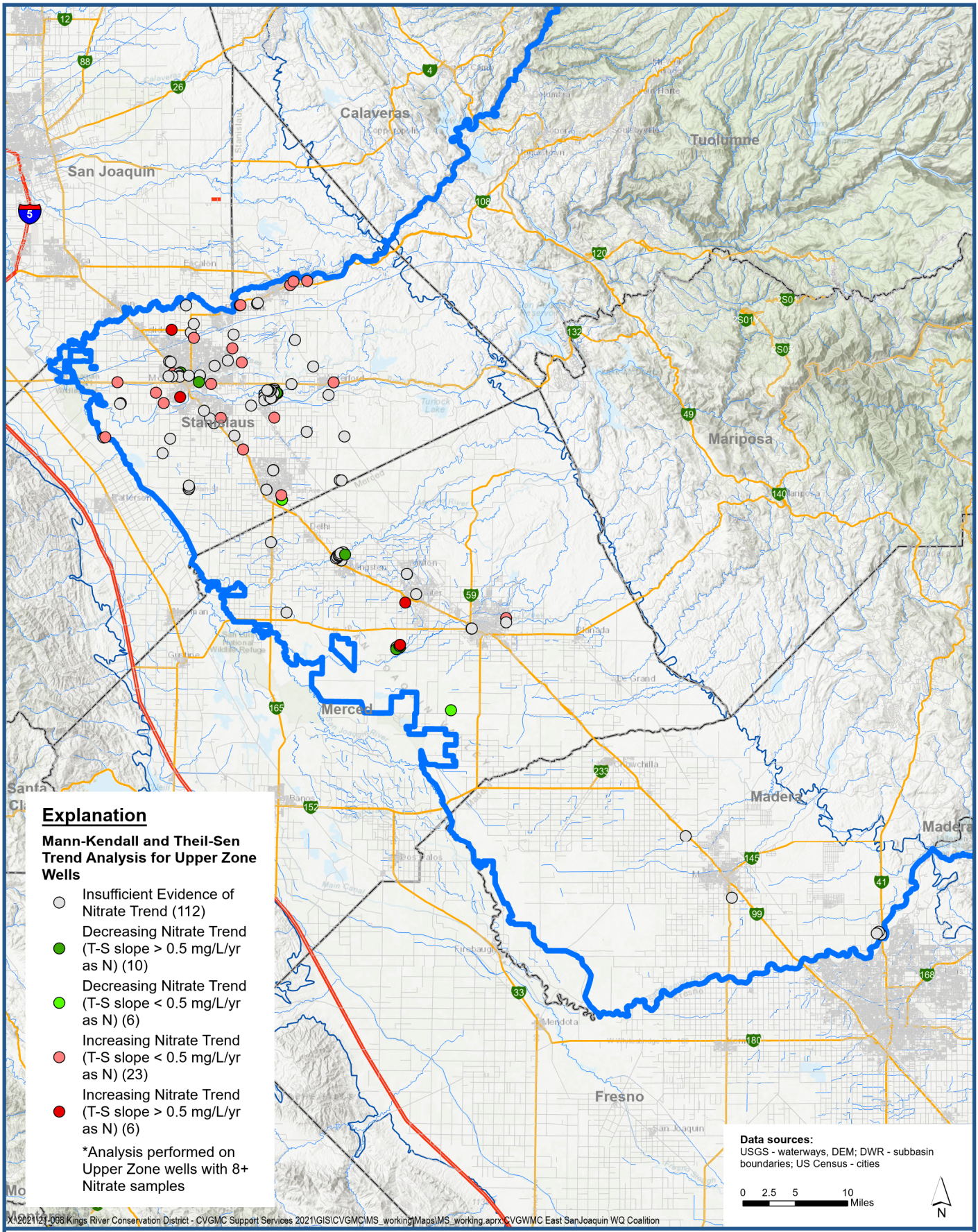


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (East San Joaquin Water Quality Coalition)

CVGMC
Five-Year Report

Figure G-6

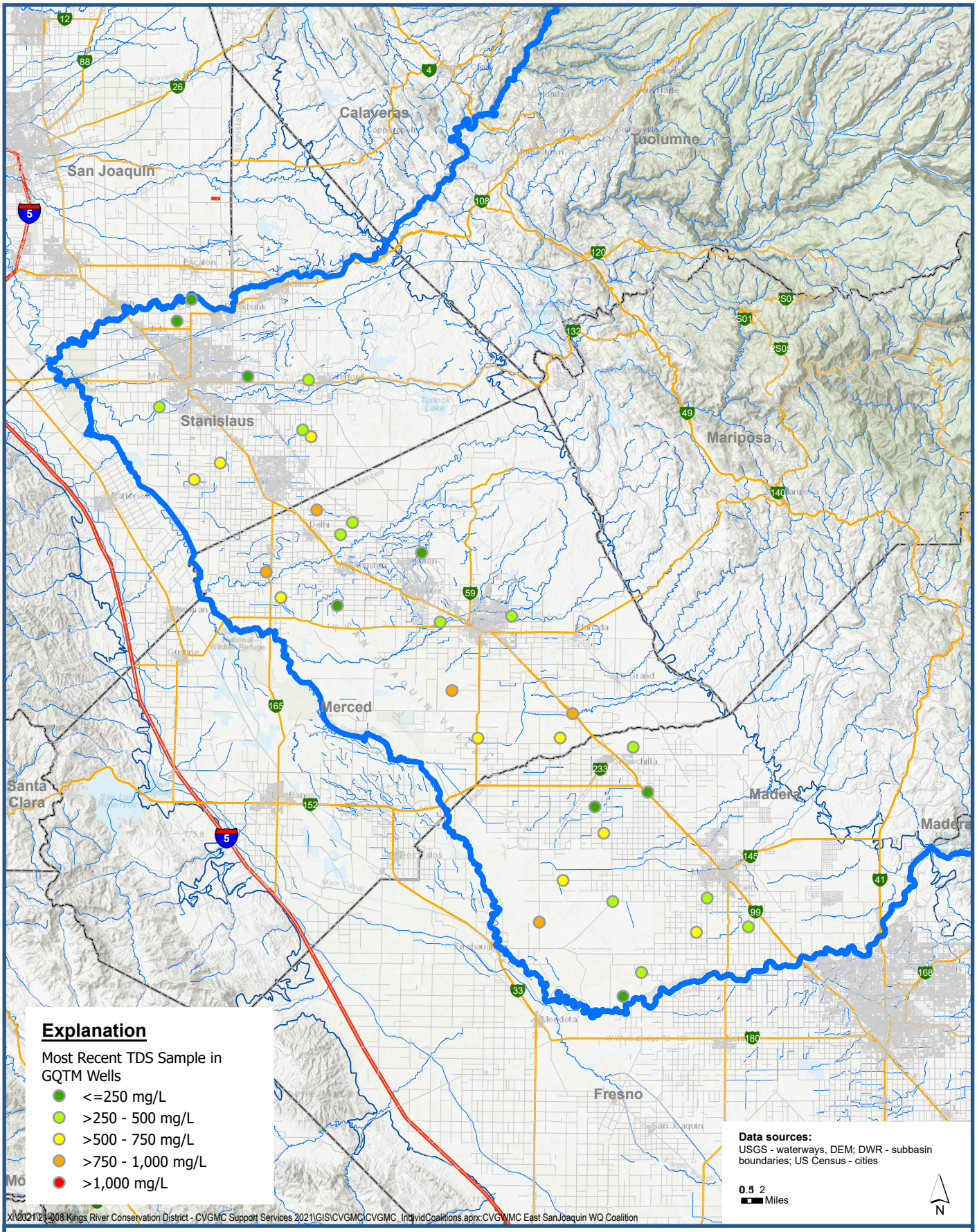


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (East San Joaquin Water Quality Coalition)

Figure G-7

CVGMC
Five-Year Report



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (East San Joaquin Water Quality Coalition)

CVGMC
Five-Year Report

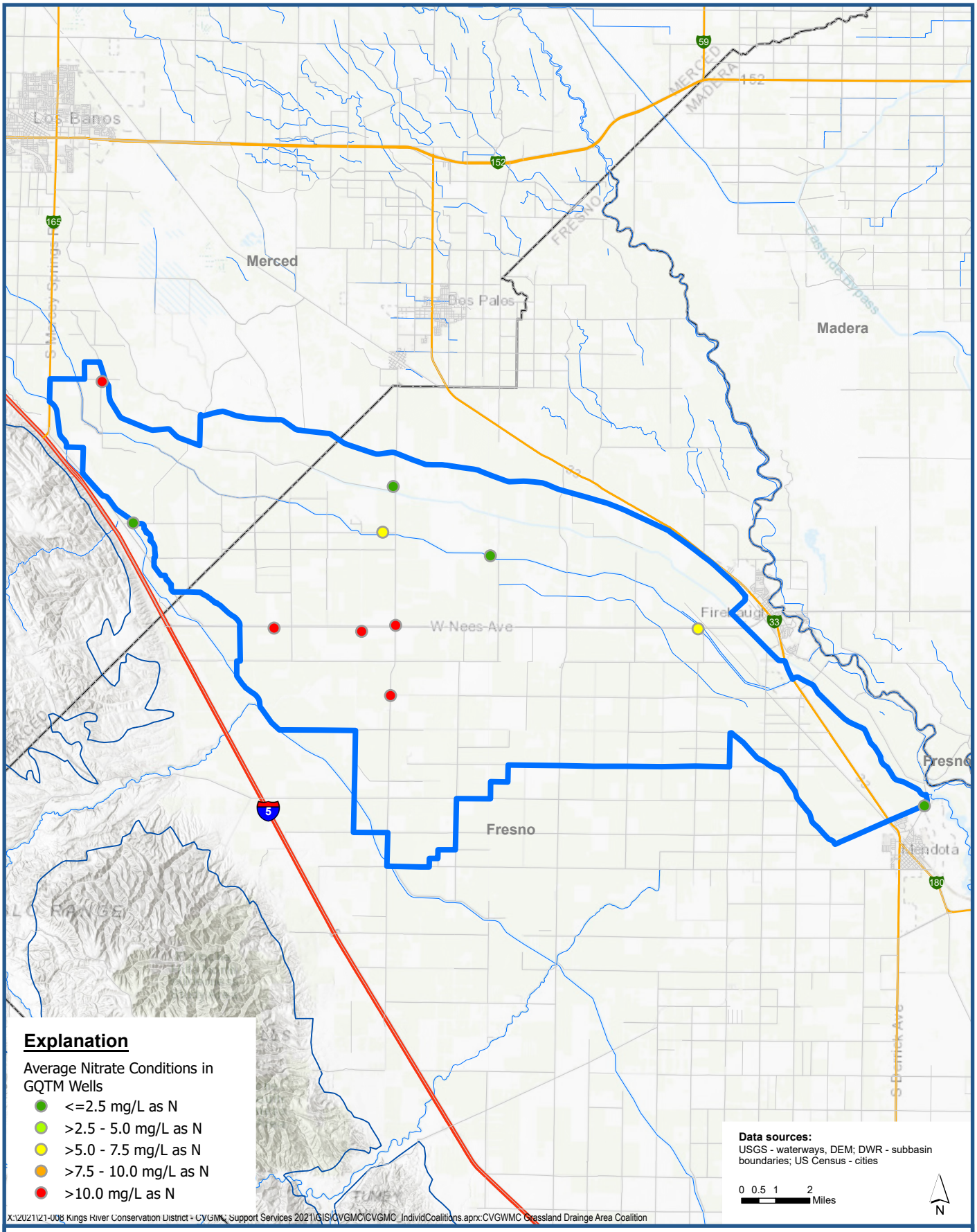
Figure G-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
Kings River Watershed Coalition Authotiy	Irrigated	15	5	4	11
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure G-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix H

Grassland Drainage Area Coalition 5-Year Assessment

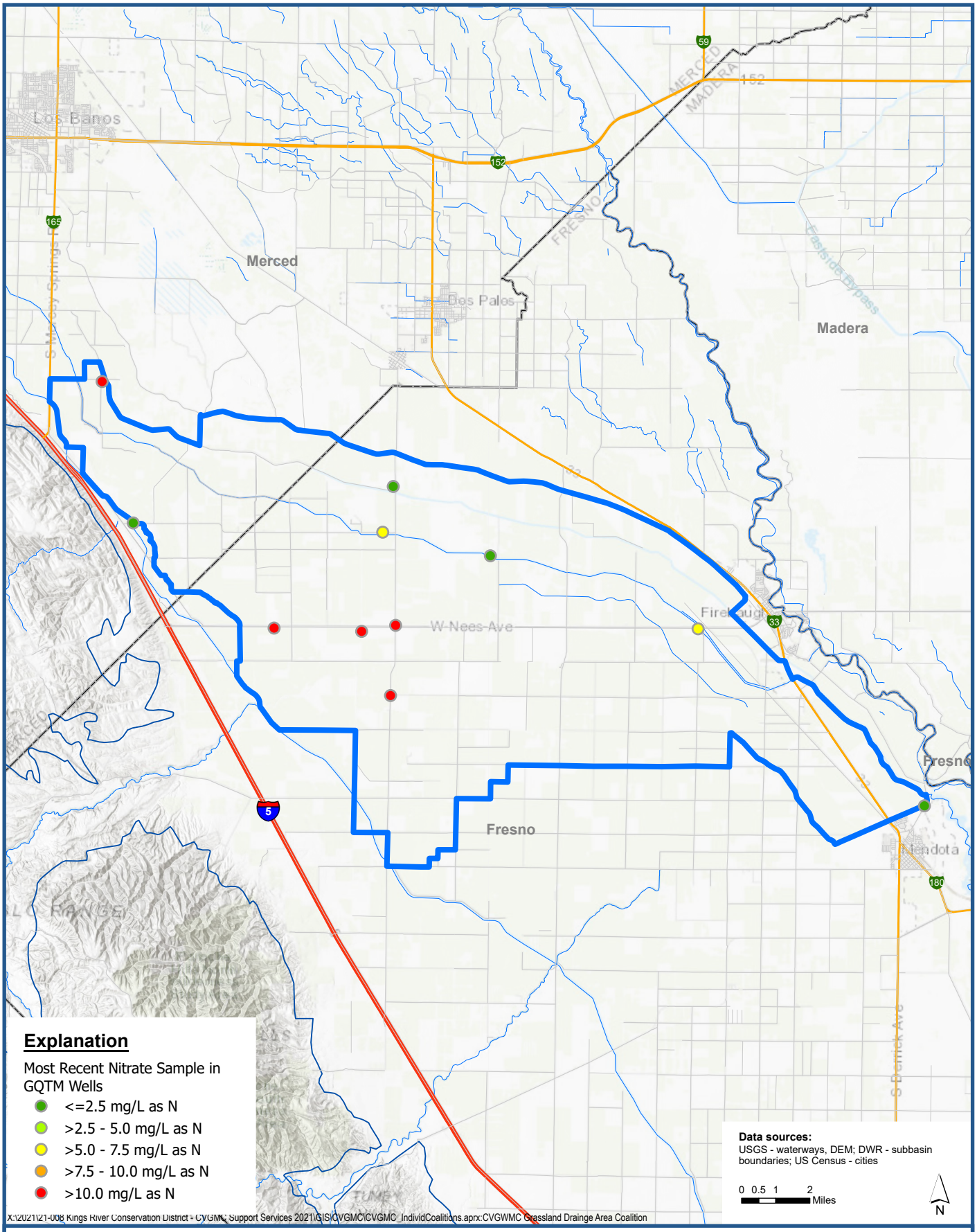


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

Figure H-1

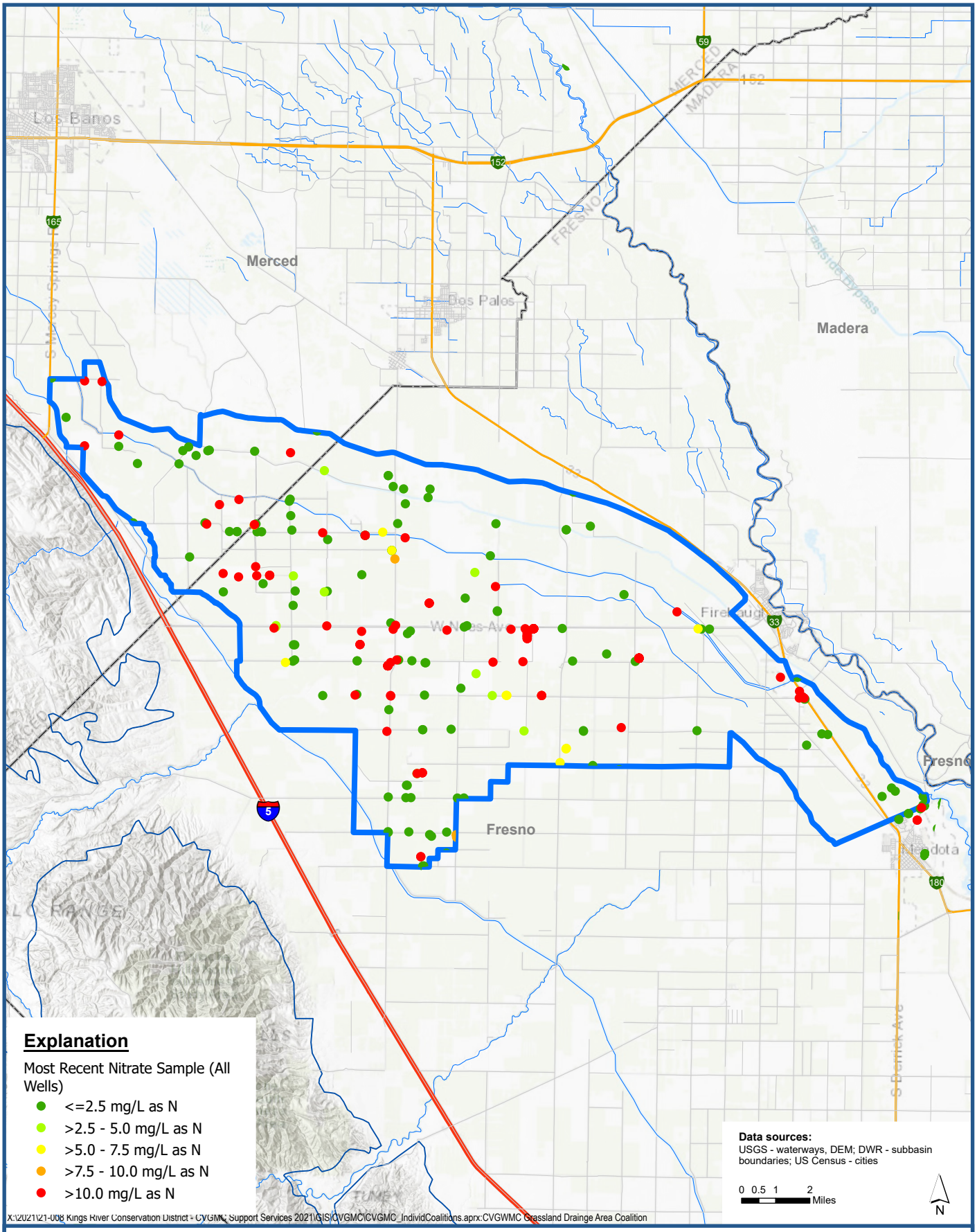


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

Figure H-2

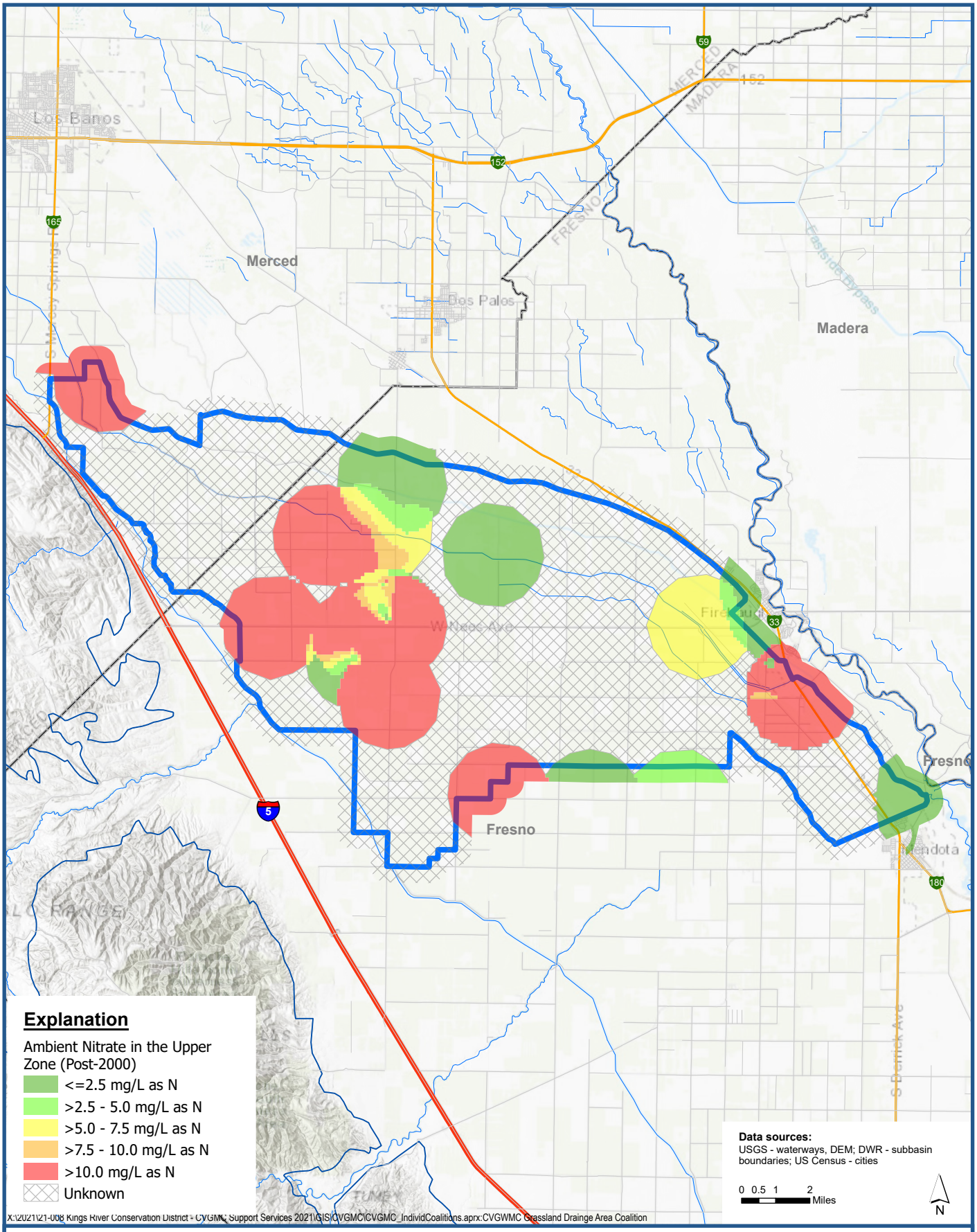


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Grassland Drainage Area Coalition)

Figure H-3

CVGMC
Five-Year Report

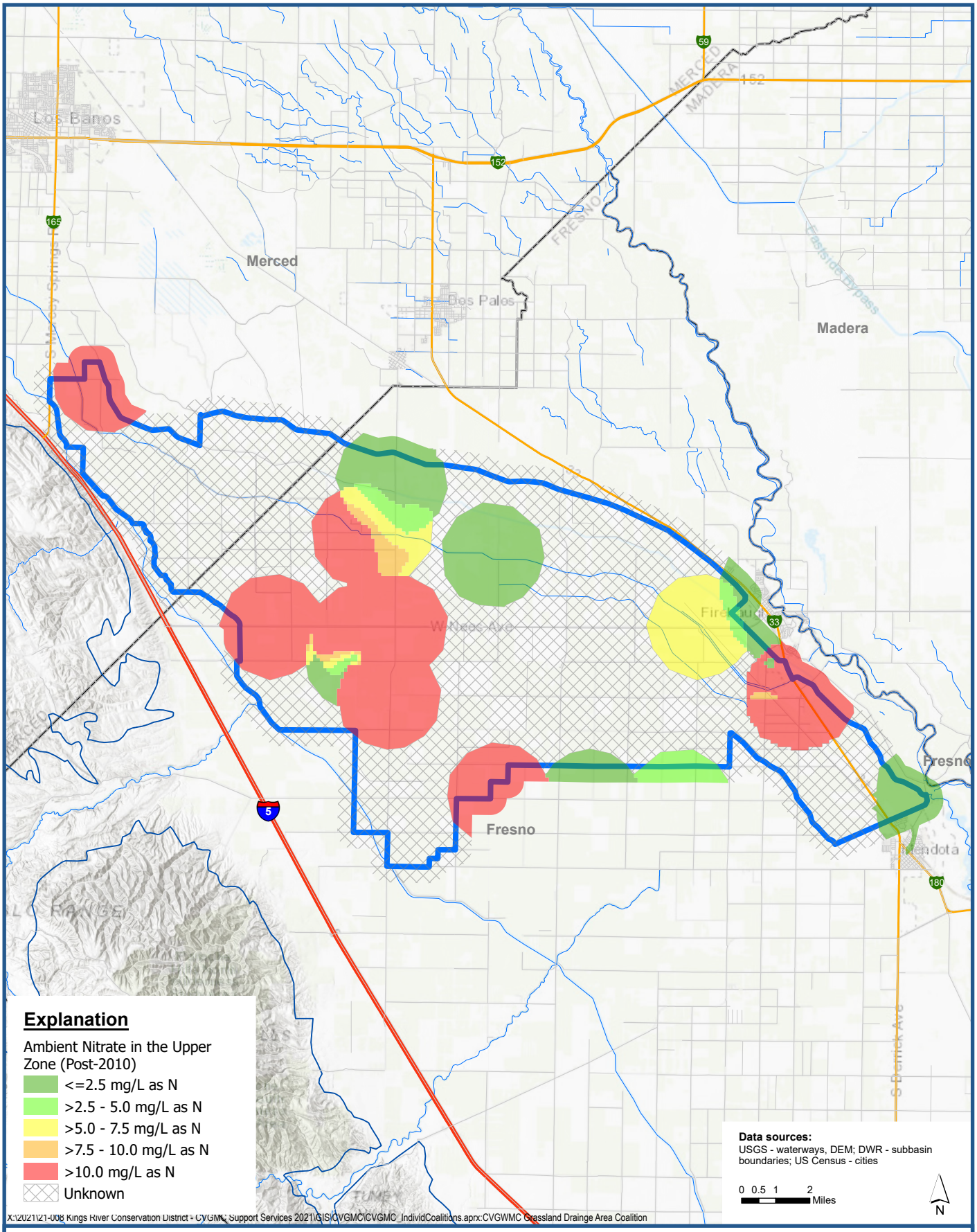


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

Figure H-4

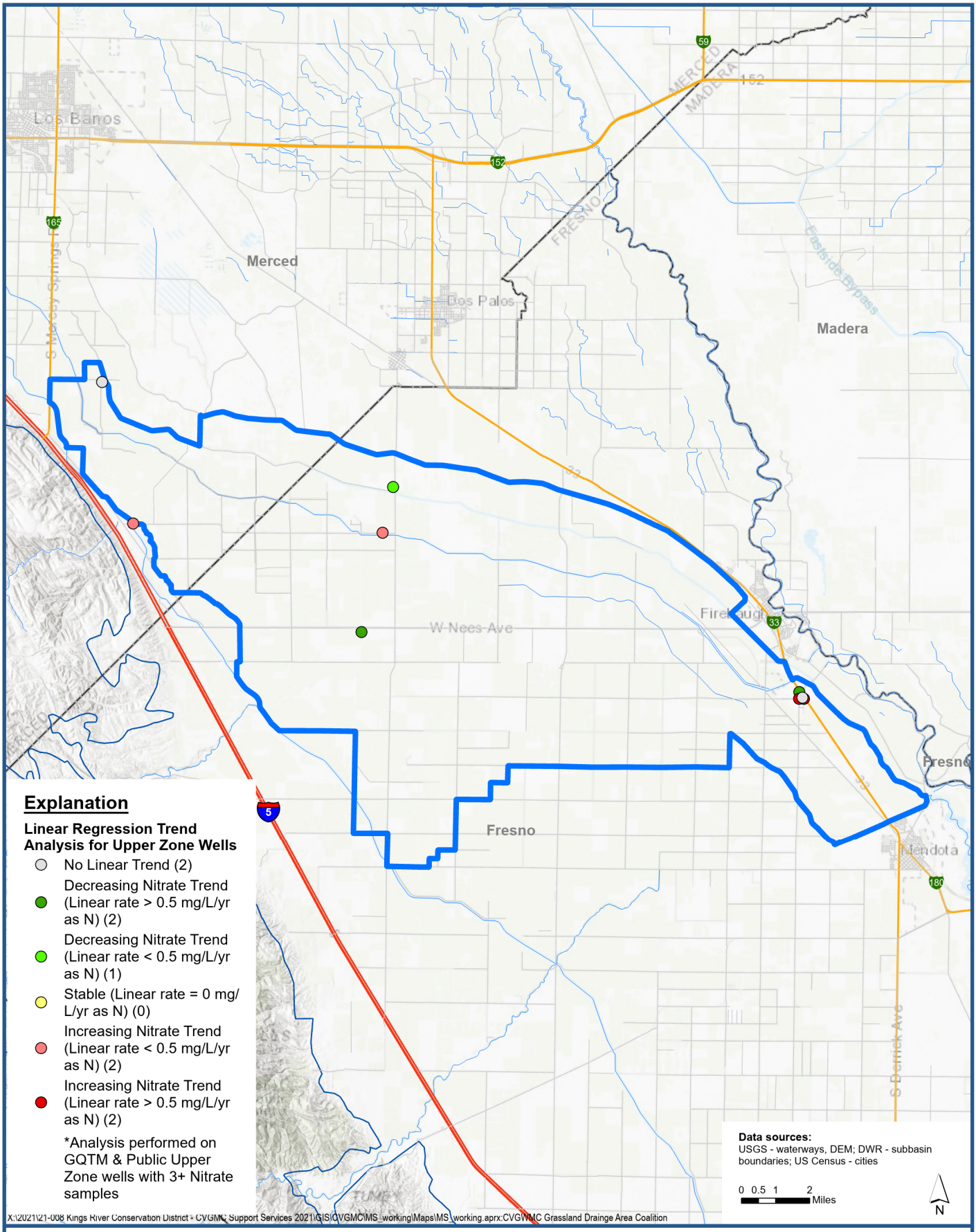


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

Figure H-5

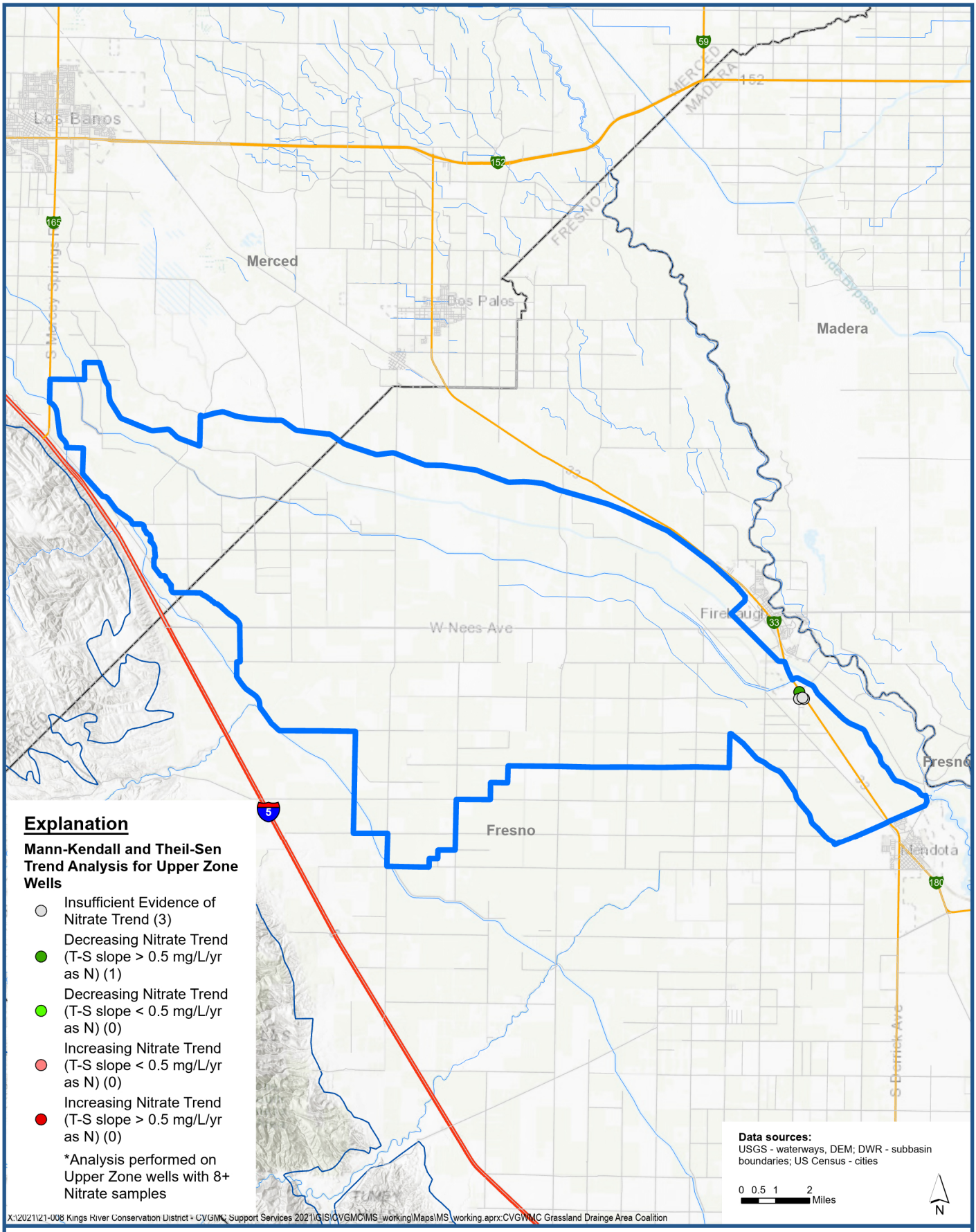


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

Figure H-6

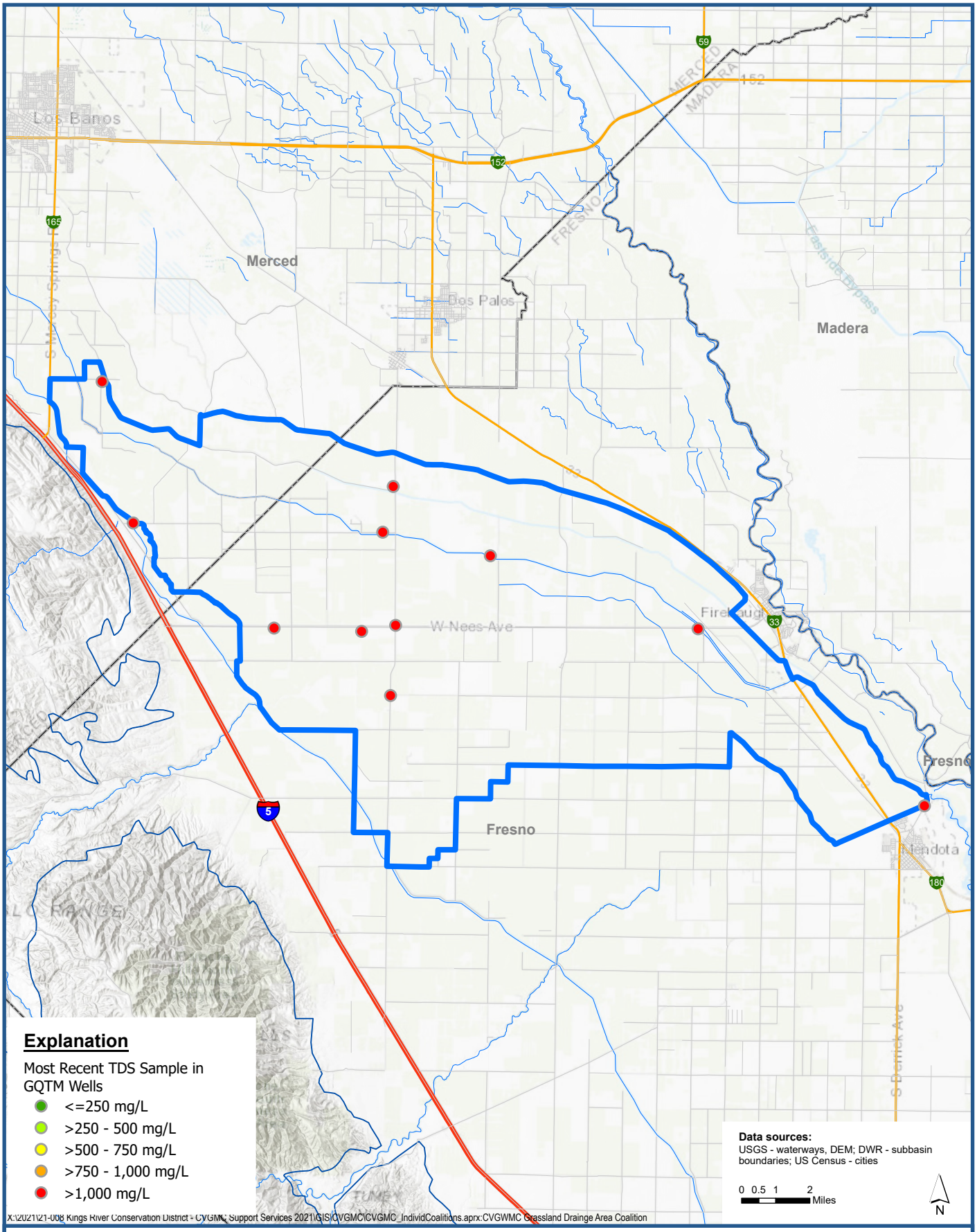


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

Figure H-7



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Grassland Drainage Area Coalition)

CVGMC
Five-Year Report

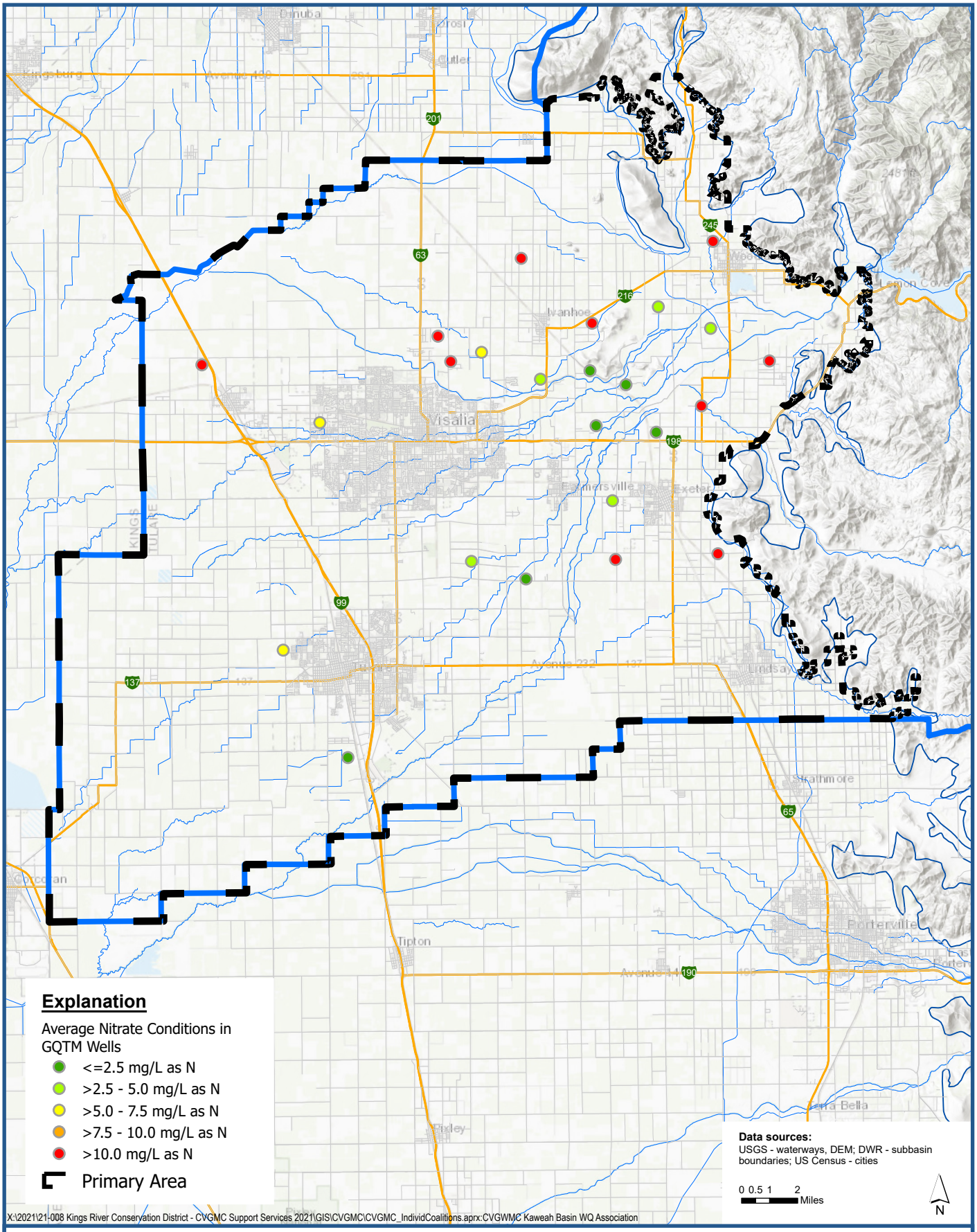
Figure H-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
Kings River Watershed Coalition Authotiy	Irrigated	15	5	4	11
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure H-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix I

Kaweah Basin Water Quality Association 5-Year Assessment

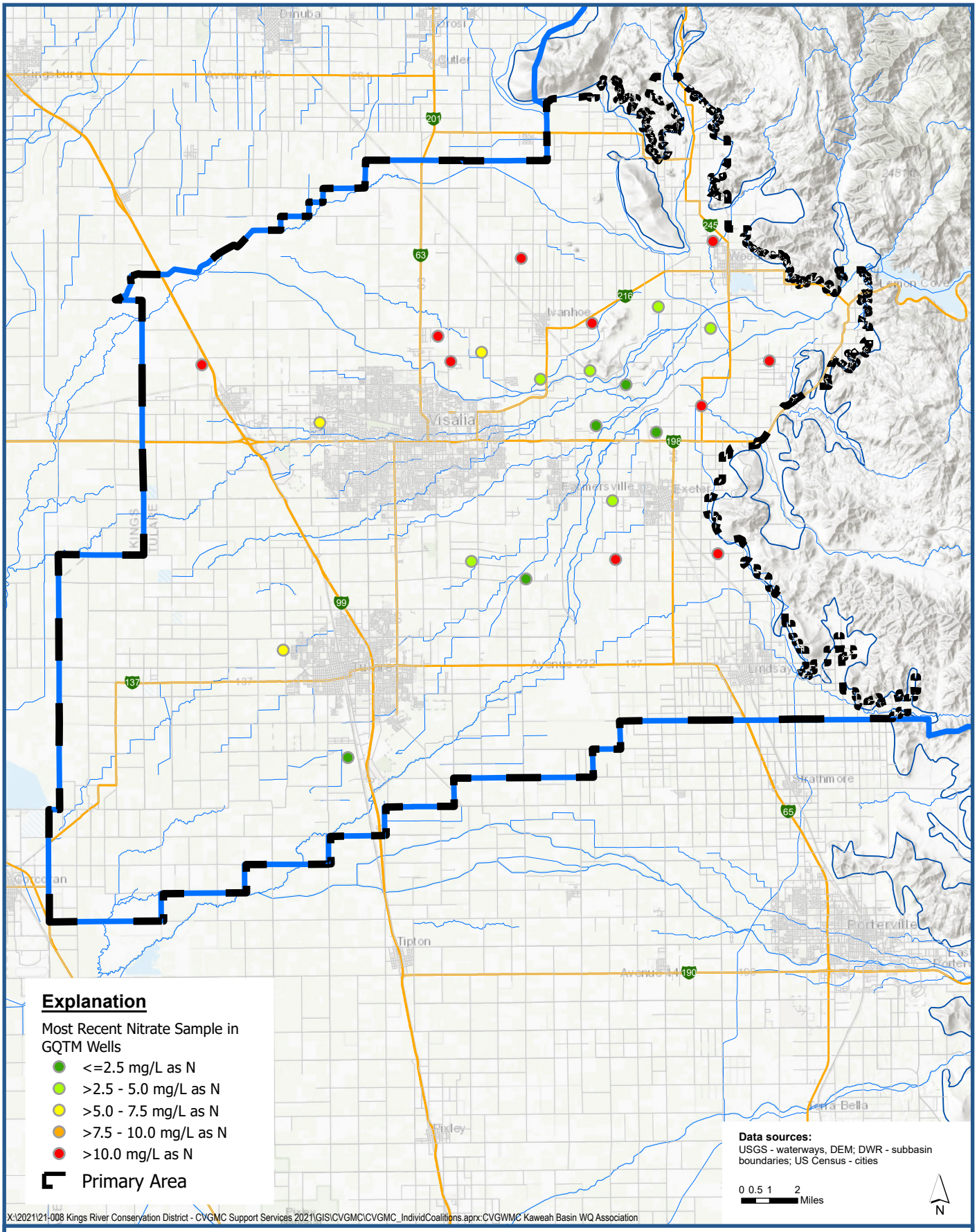


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

Figure I-1

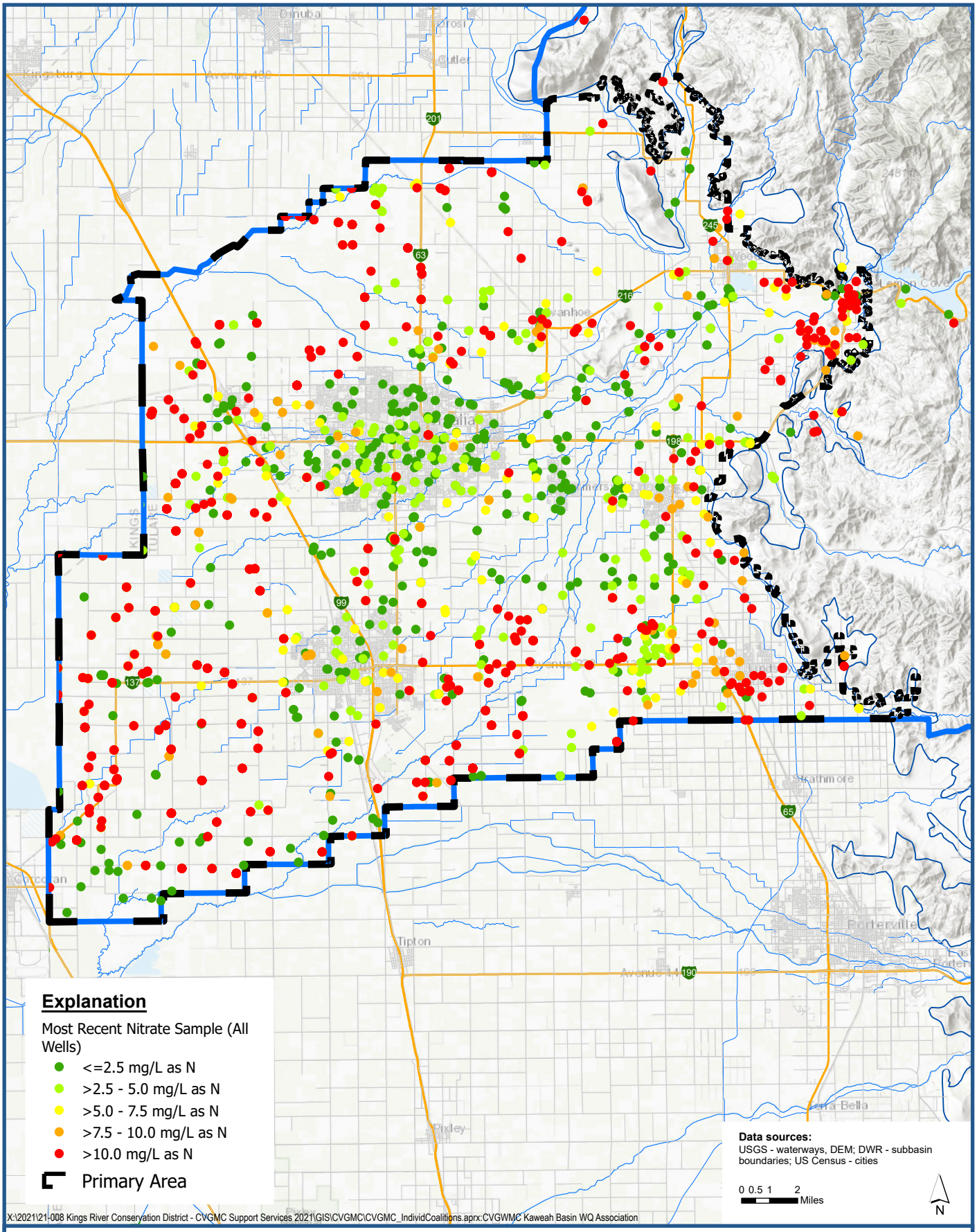


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

Figure I-2

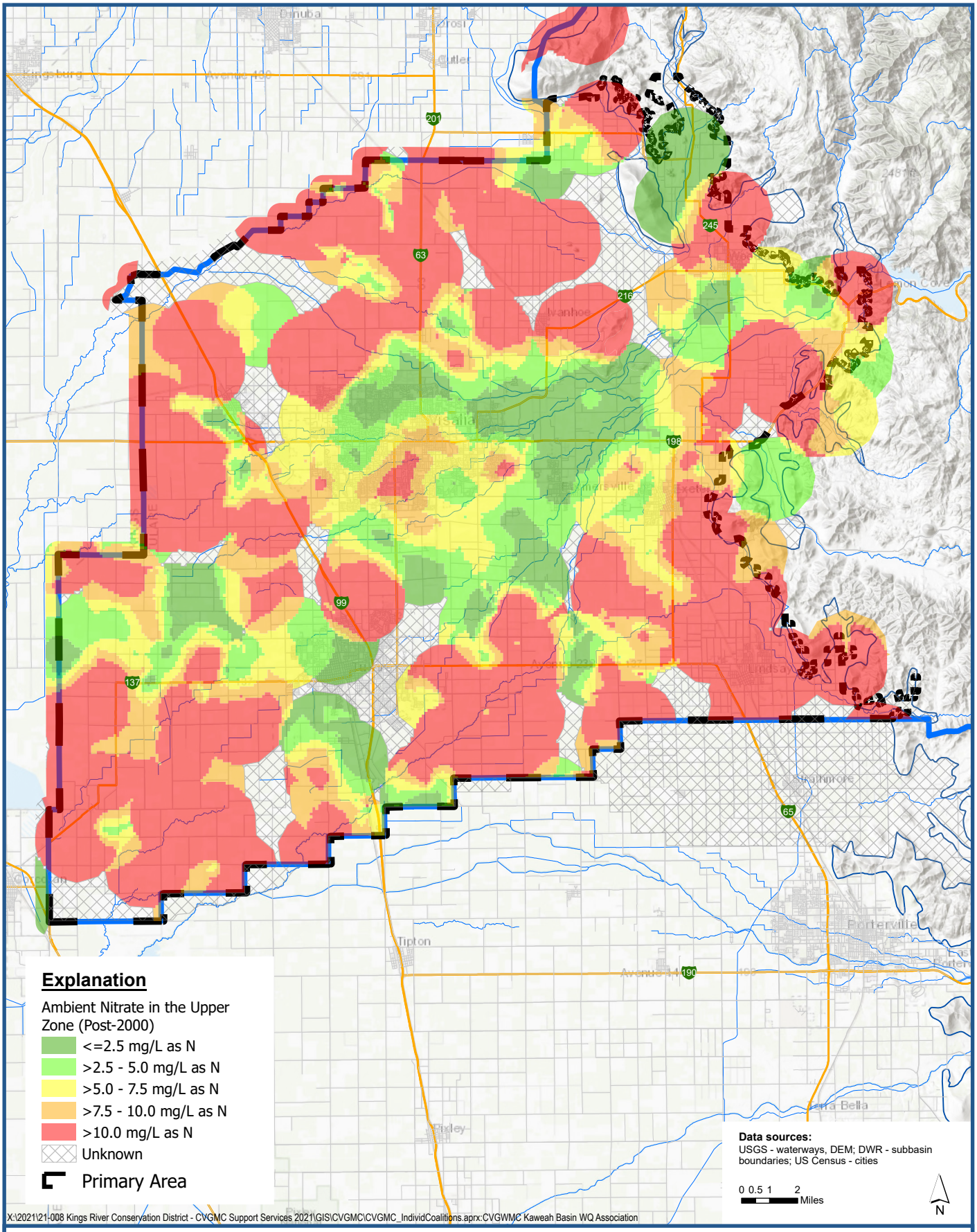


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Kaweah Basin Water Quality Association)

Figure I-3

CVGMC
Five-Year Report

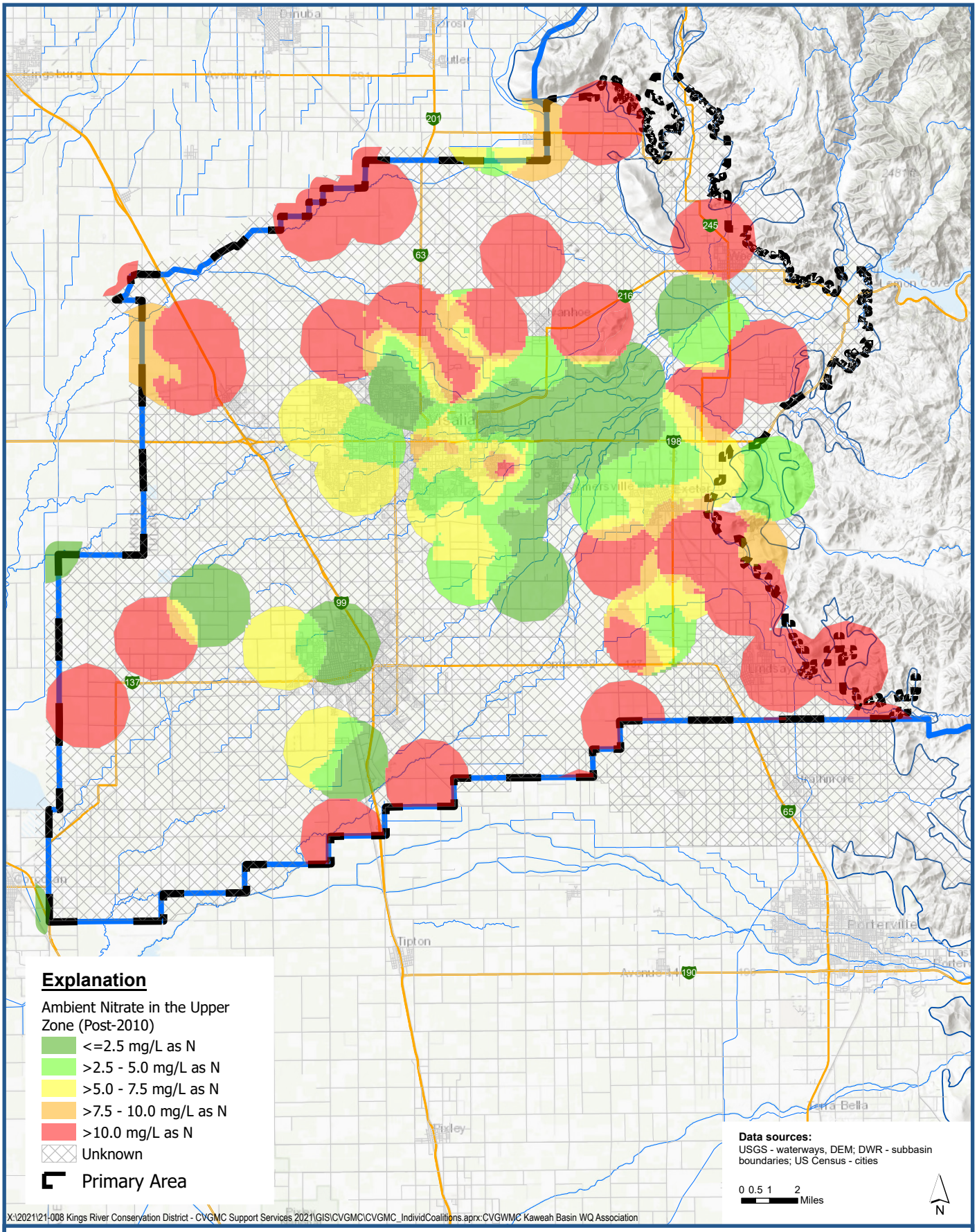


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

Figure I-4

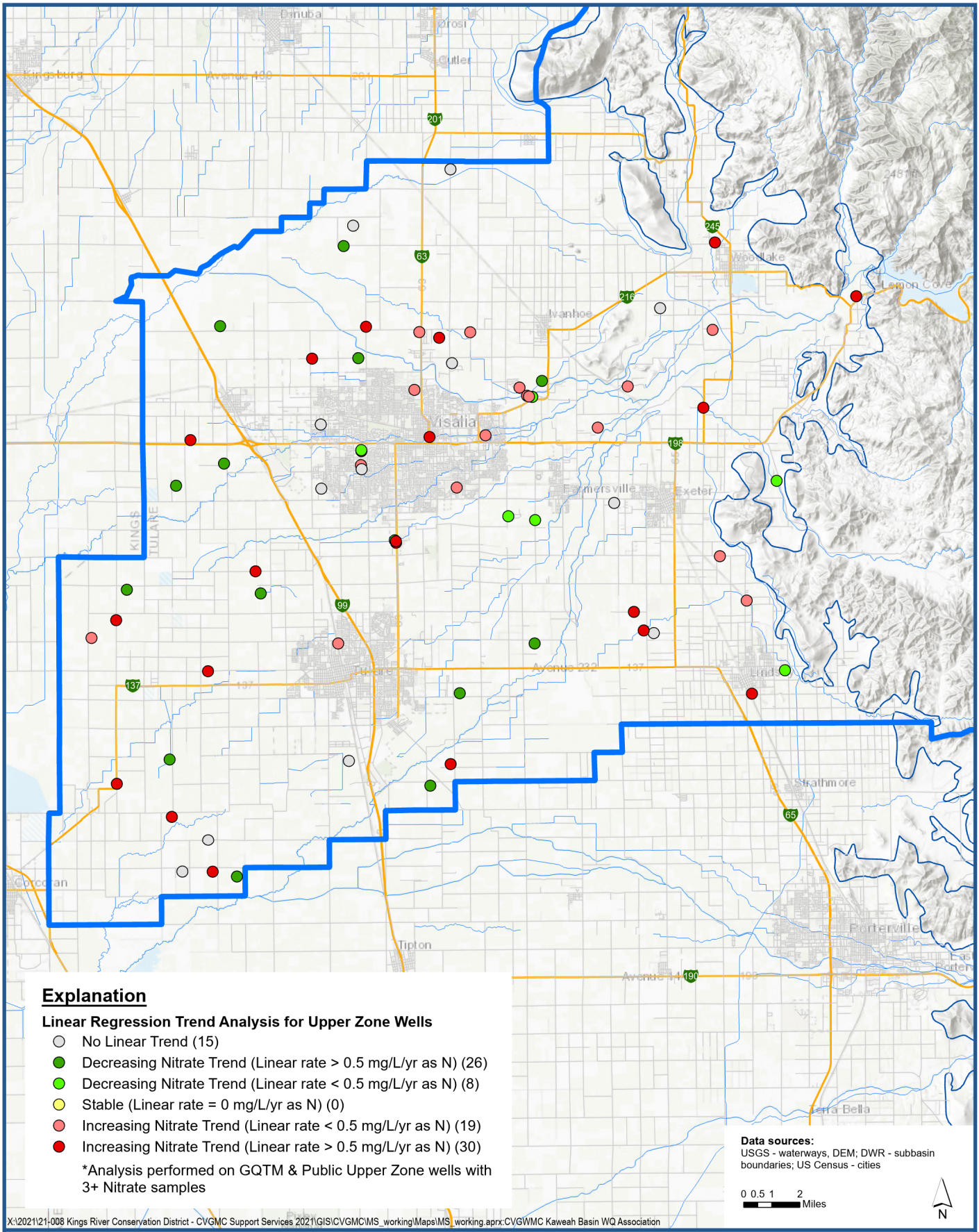


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

Figure I-5

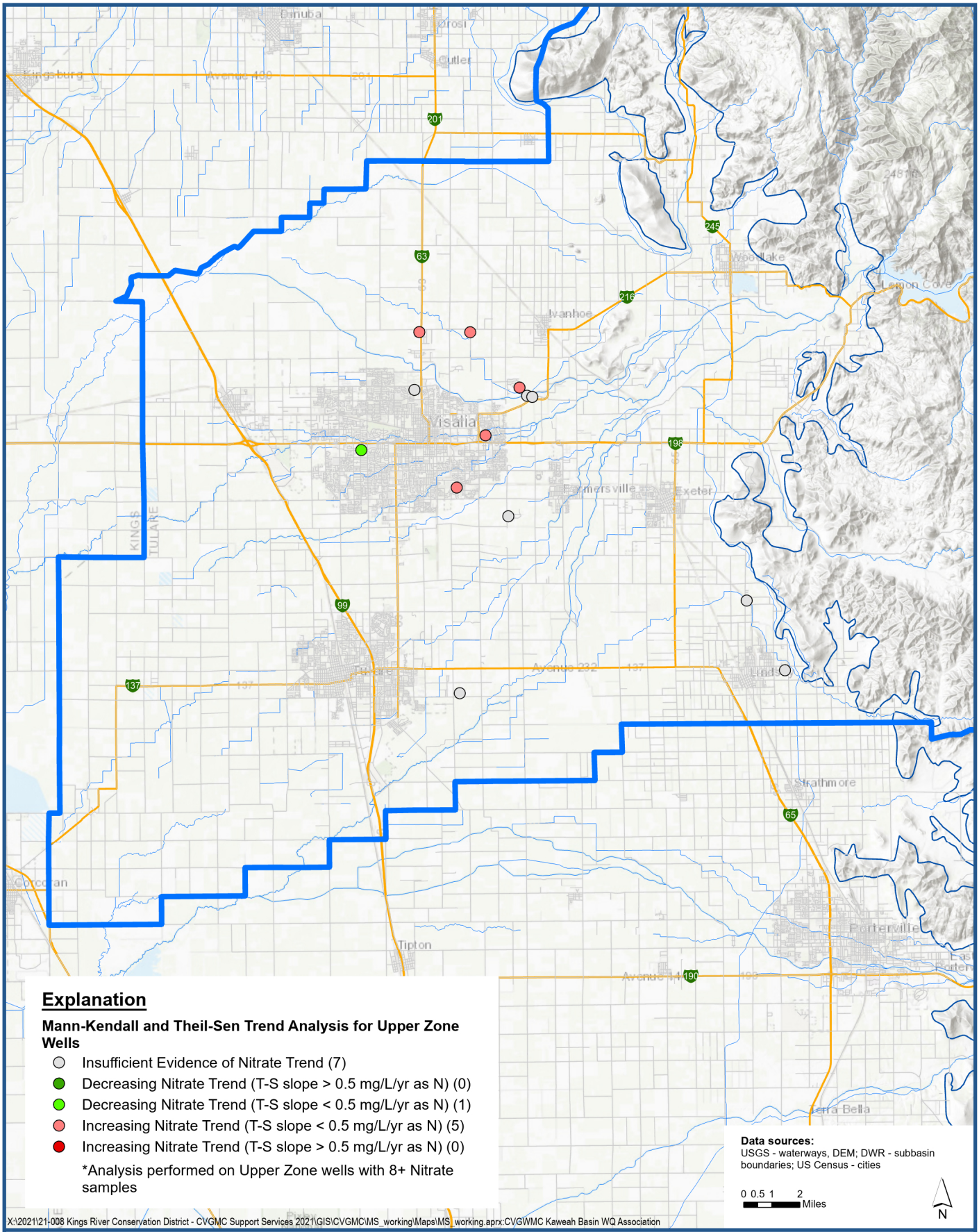


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

Figure I-6

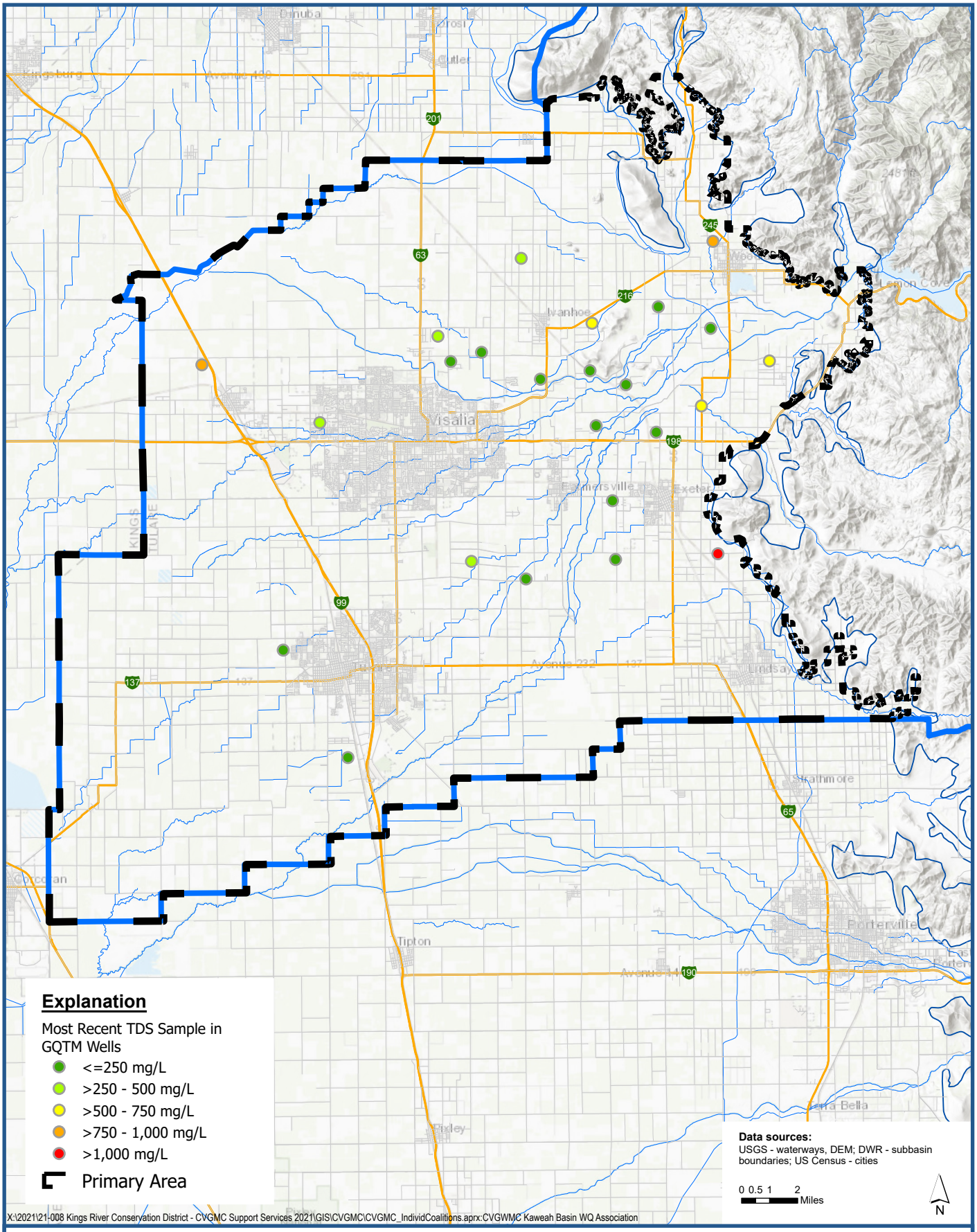


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

Figure I-7



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Kaweah Basin Water Quality Association)

CVGMC
Five-Year Report

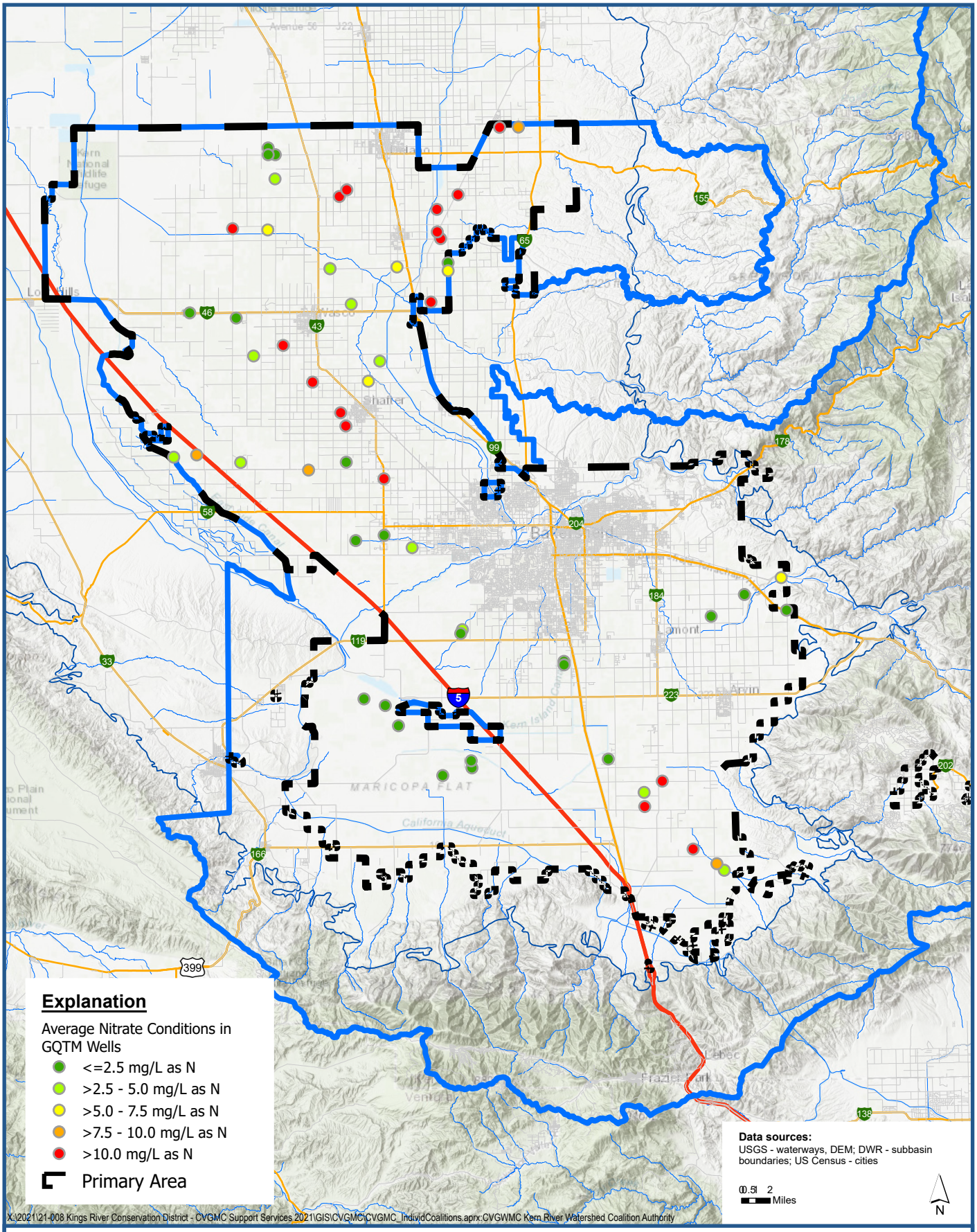
Figure I-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
Kings River Watershed Coalition Authotiy	Irrigated	15	5	4	11
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure I-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix J

Kern River Watershed Coalition Authority 5-Year Assessment

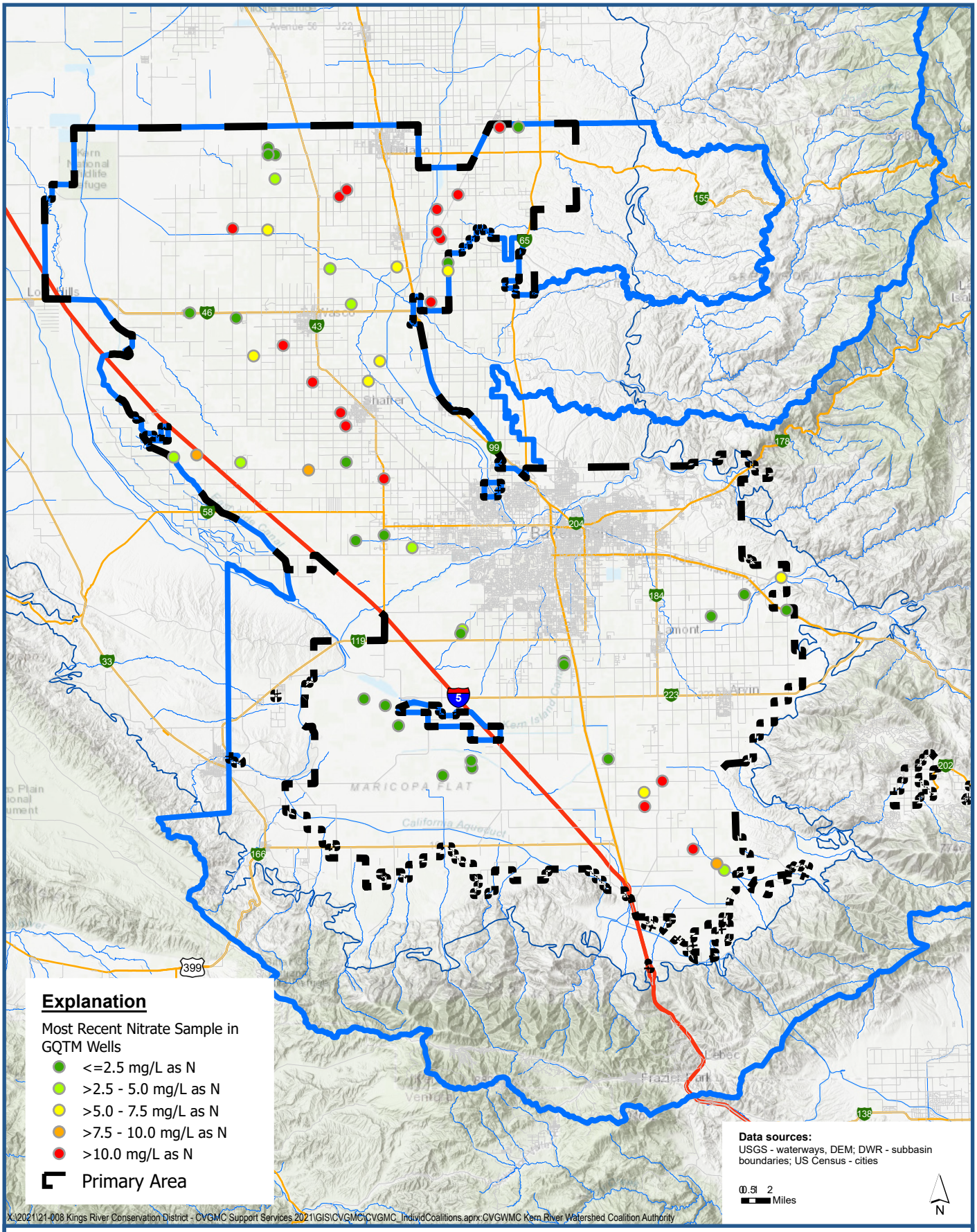


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-1

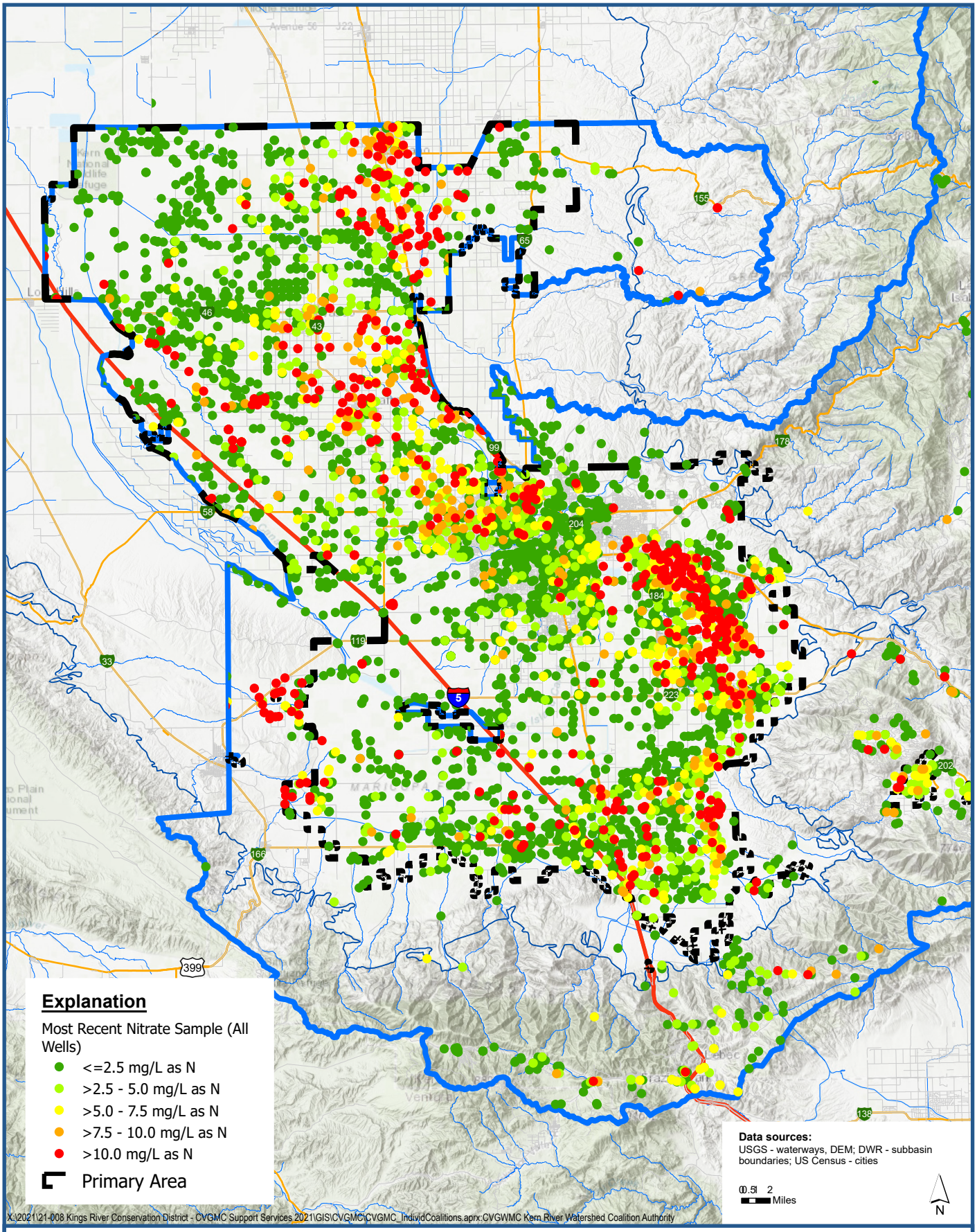


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-2

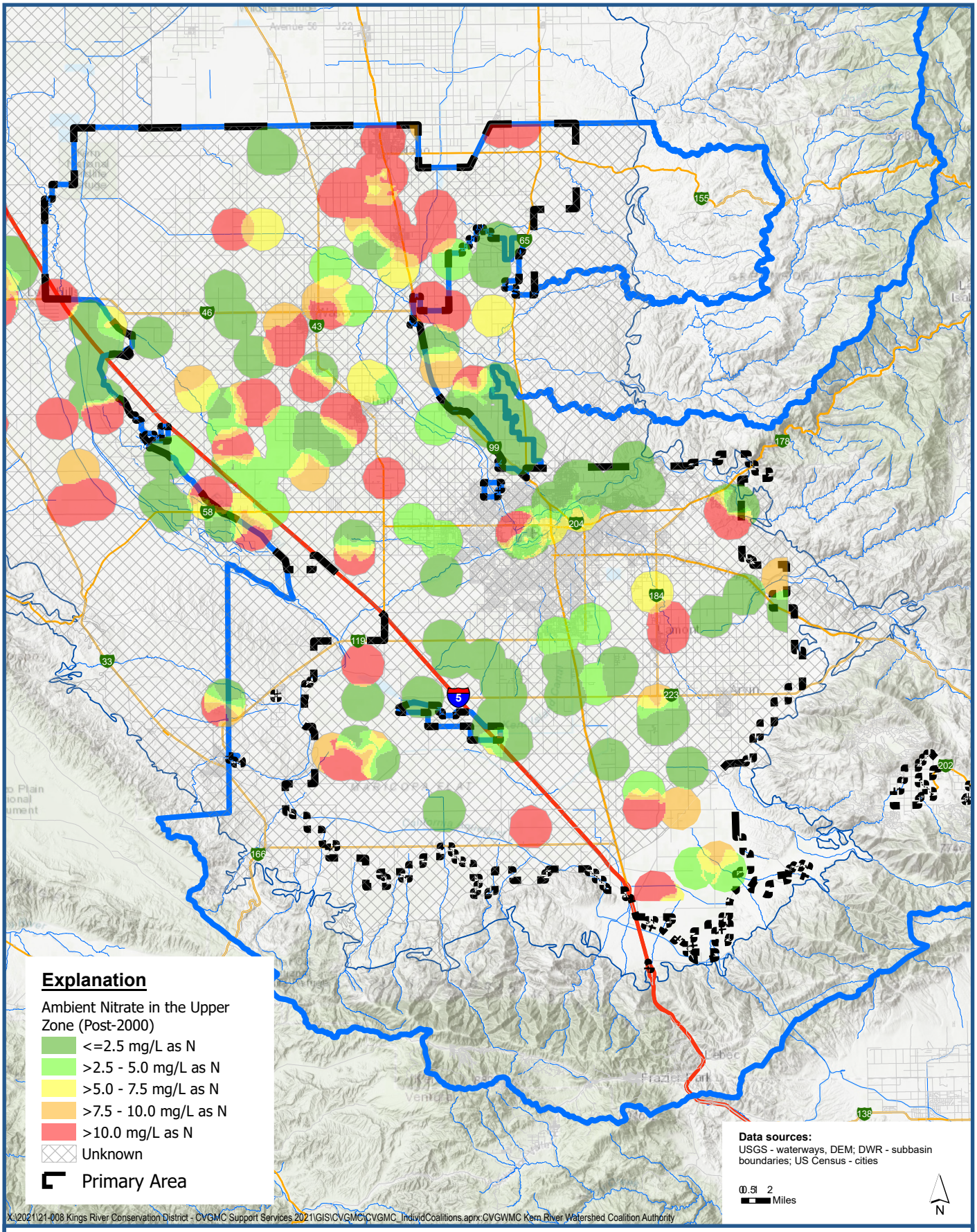


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Kern River Watershed Coalition Authority)

Figure J-3

CVGMC
Five-Year Report

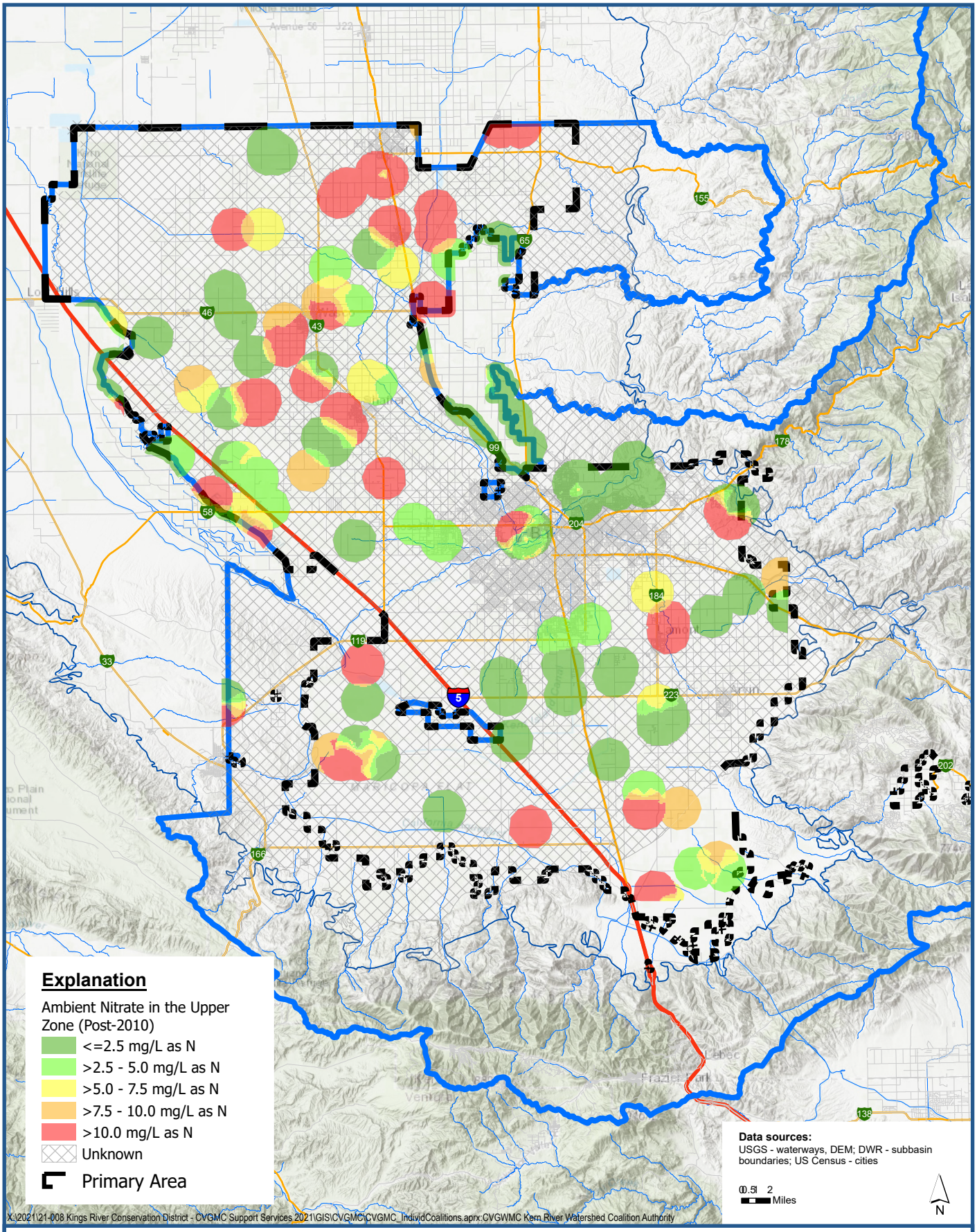


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-4

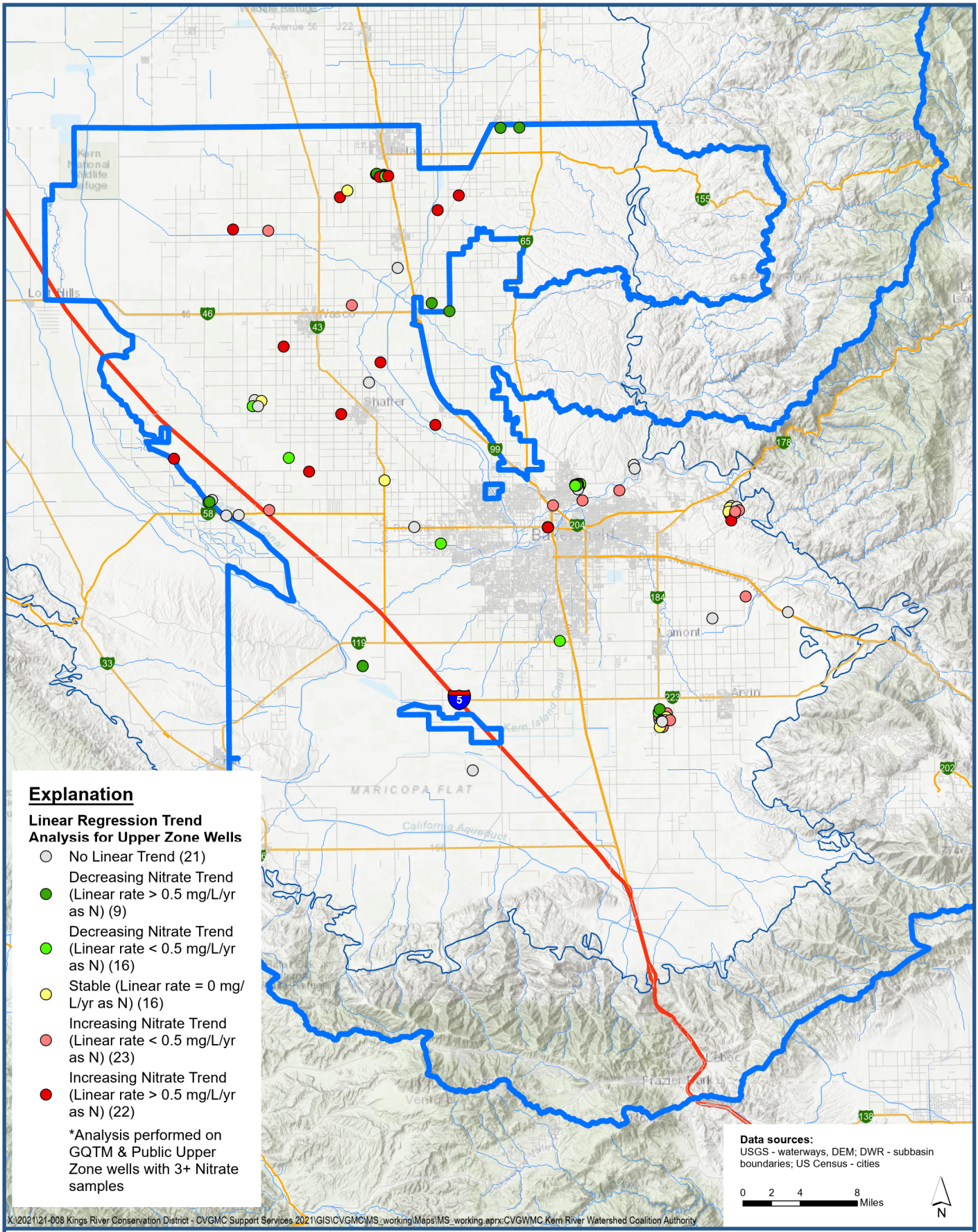


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-5

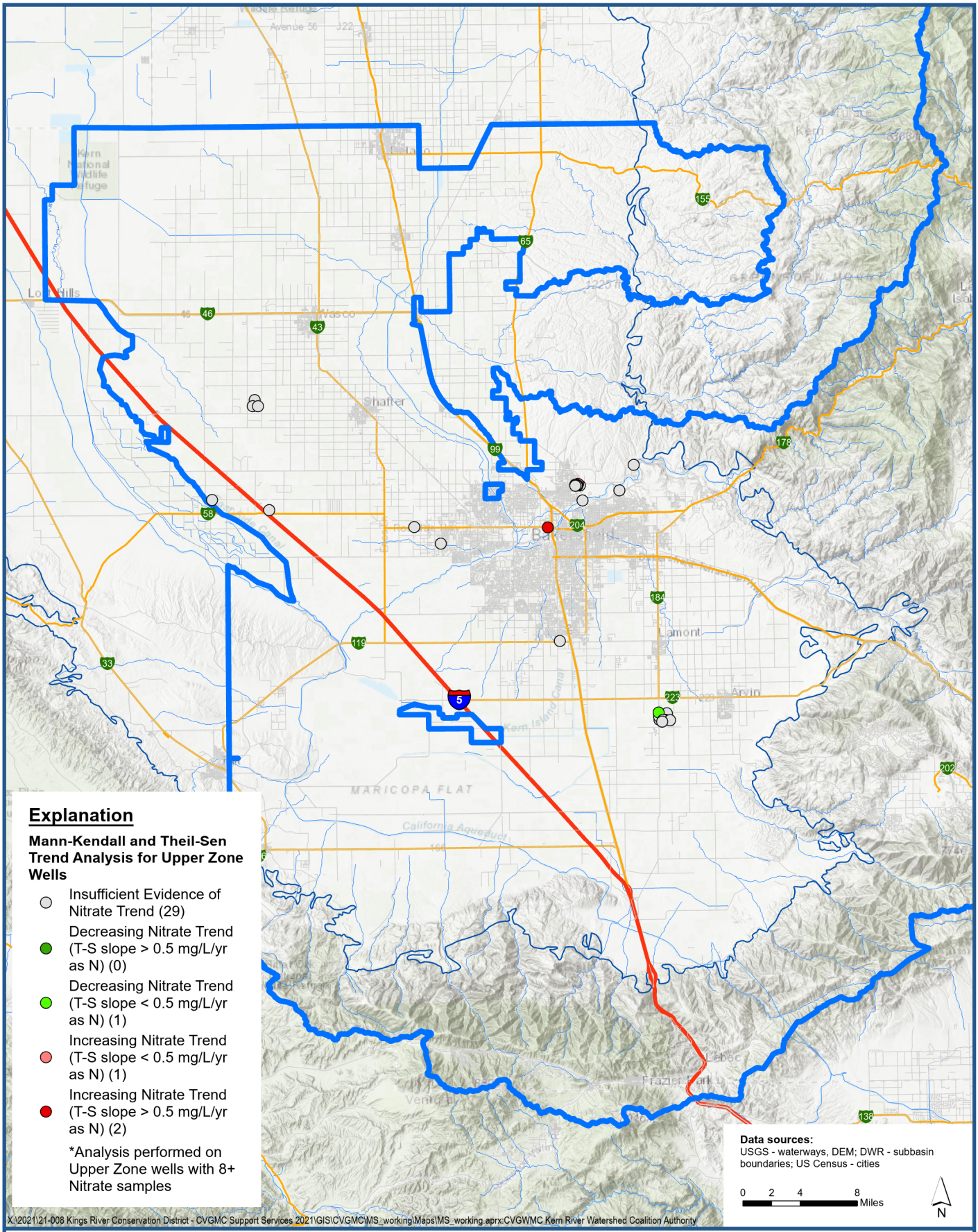


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-6

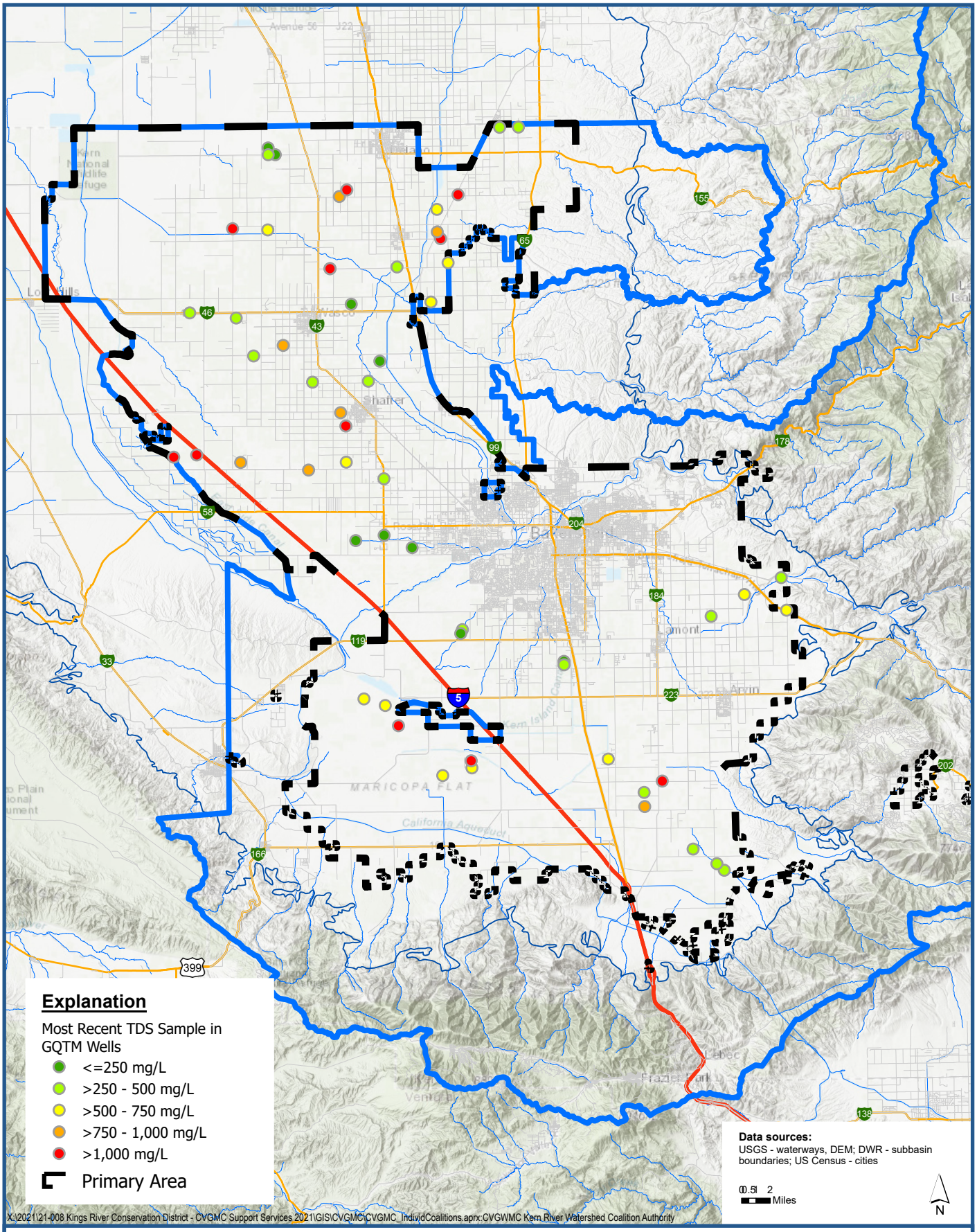


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-7



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Kern River Watershed Coalition Authority)

CVGMC
Five-Year Report

Figure J-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
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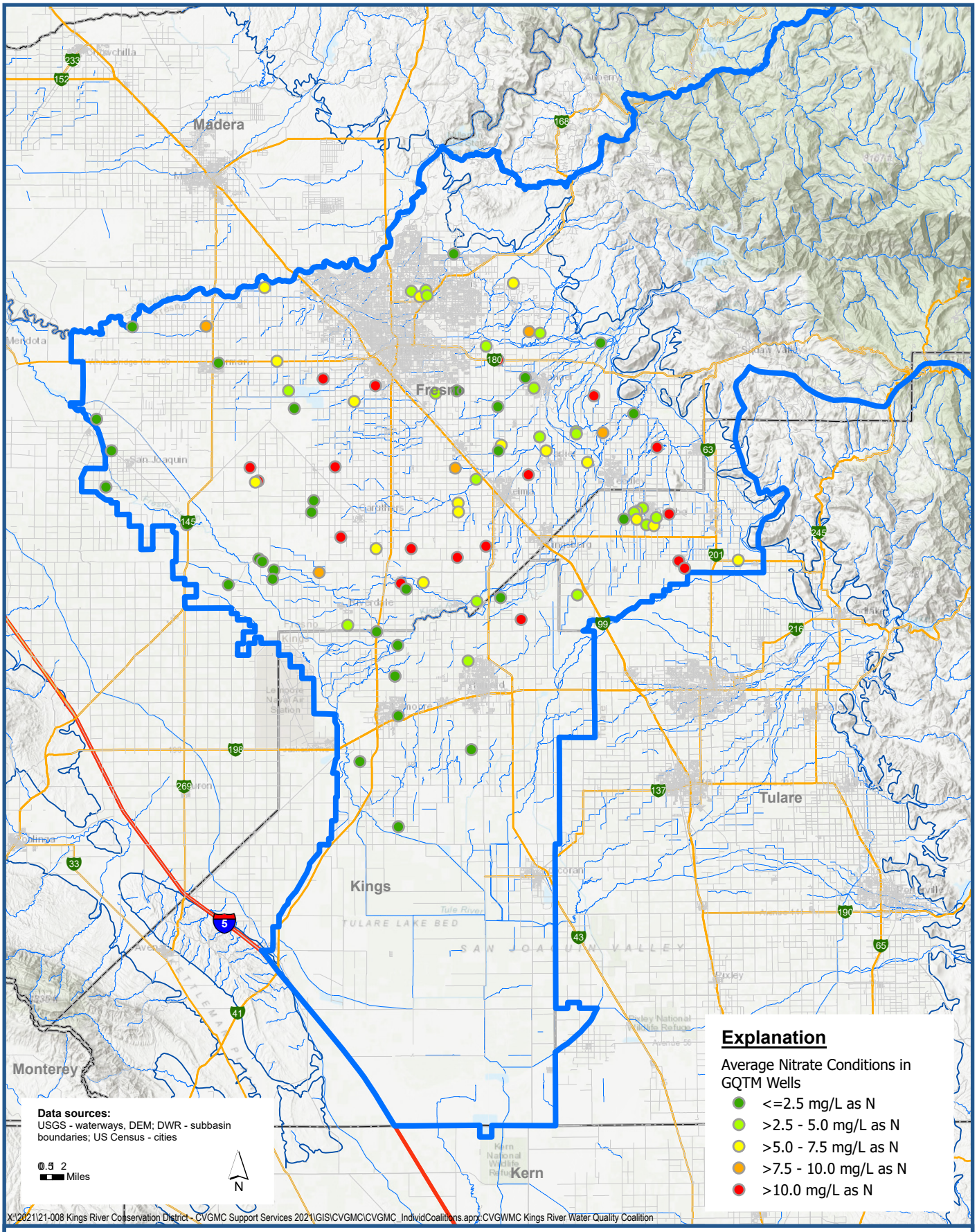
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure J-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix K

Kings River Water Quality Coalition 5-Year Assessment

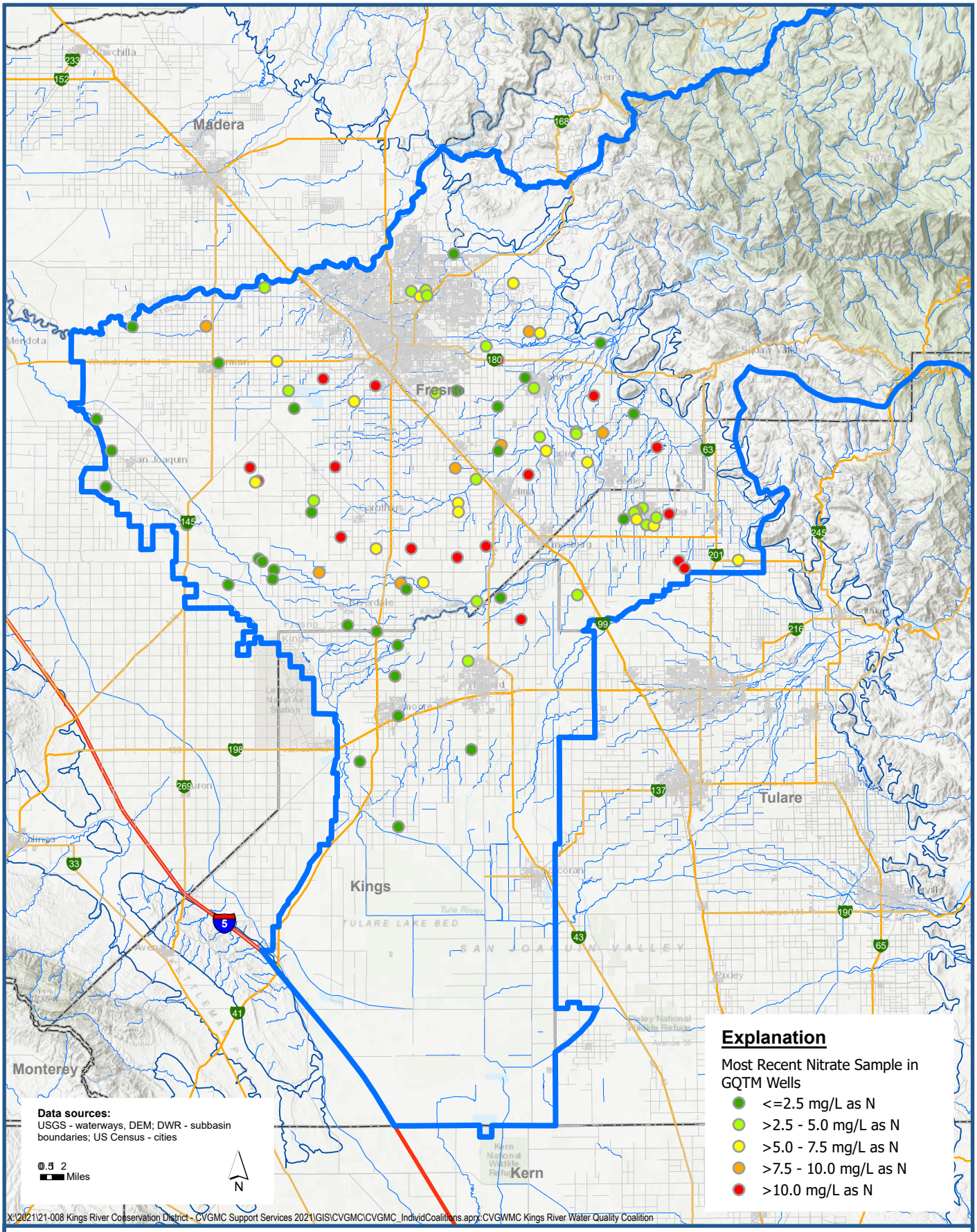


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-1

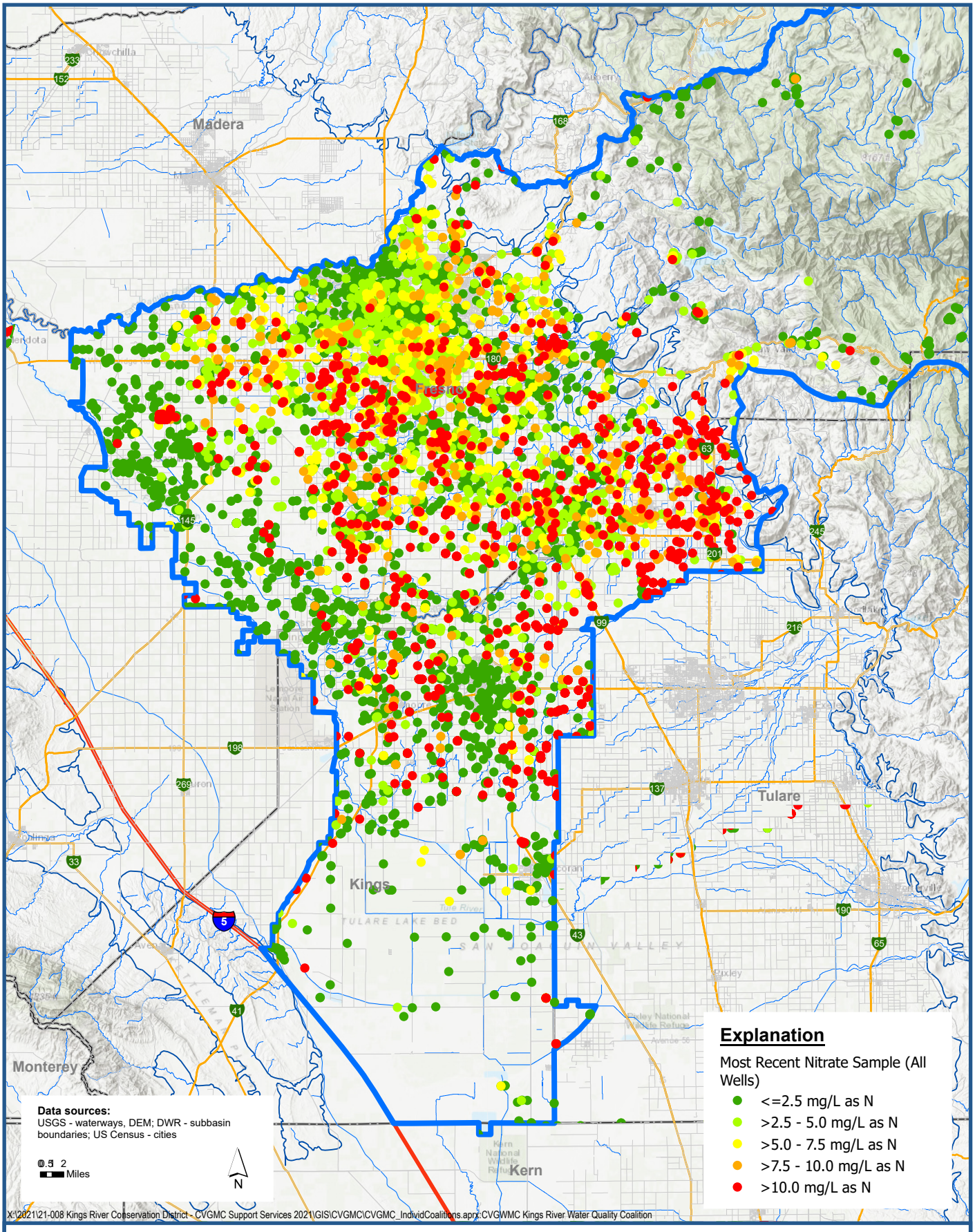


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-2

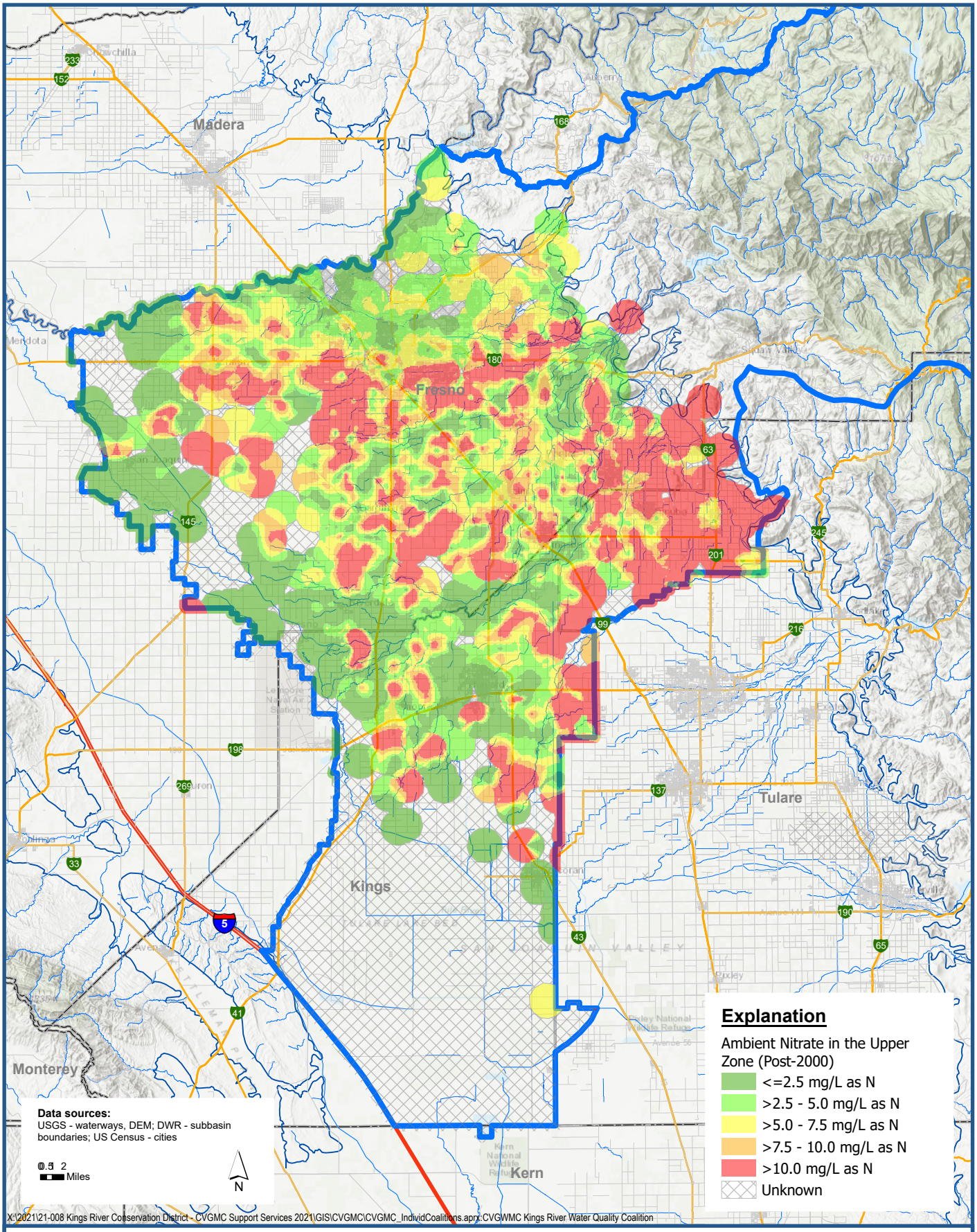


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Kings River Water Quality Coalition)

Figure K-3

CVGMC
Five-Year Report

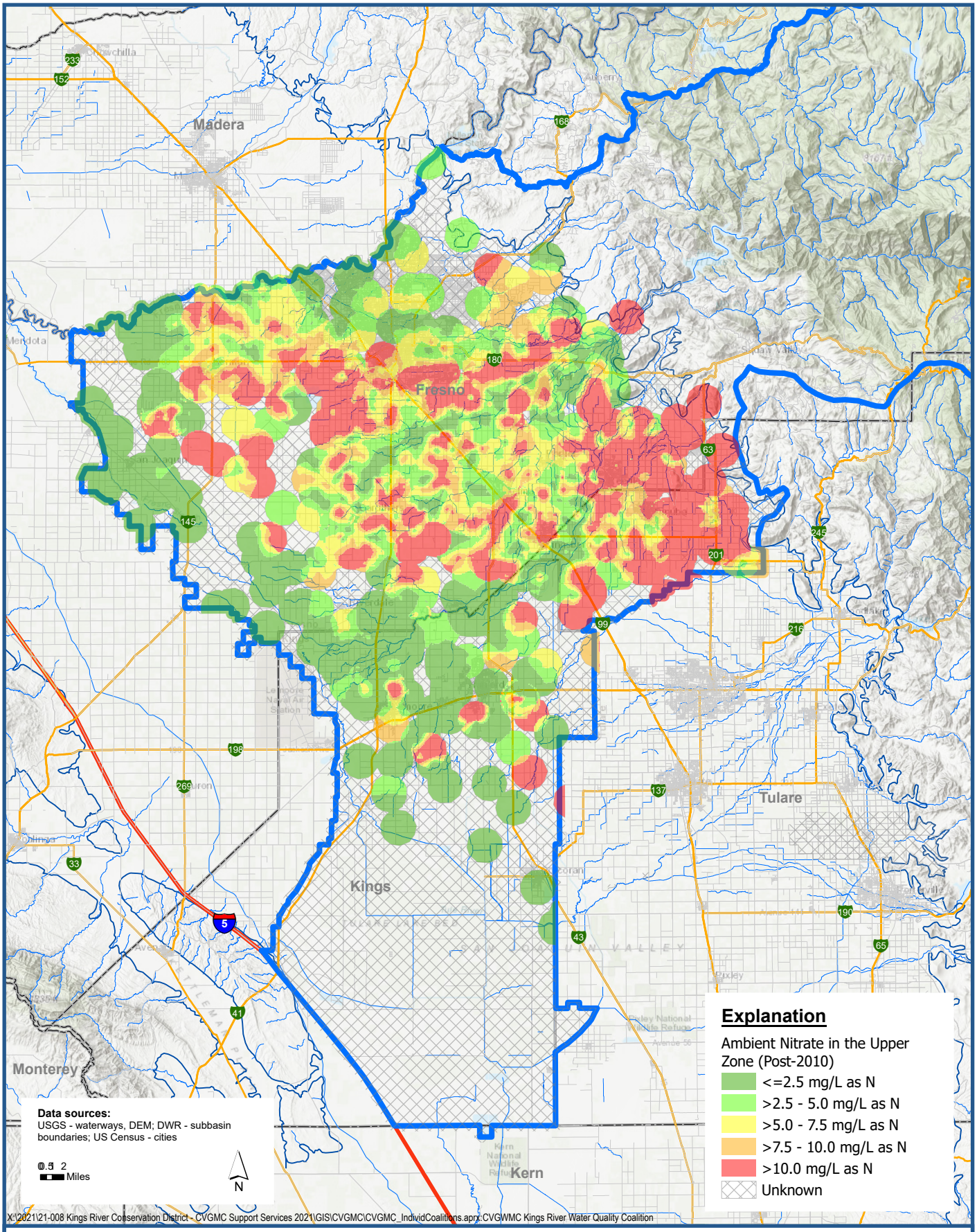


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-4

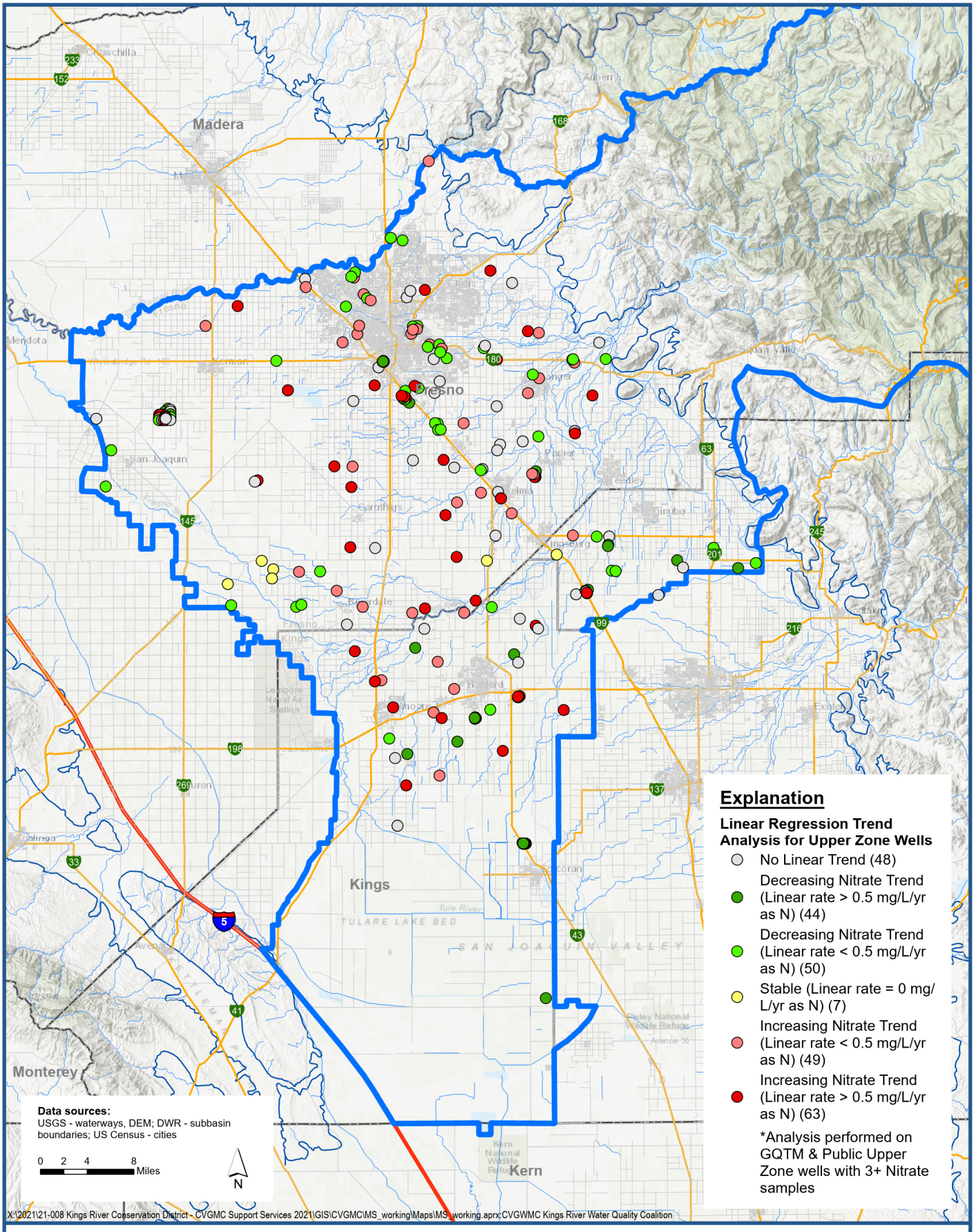


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-5

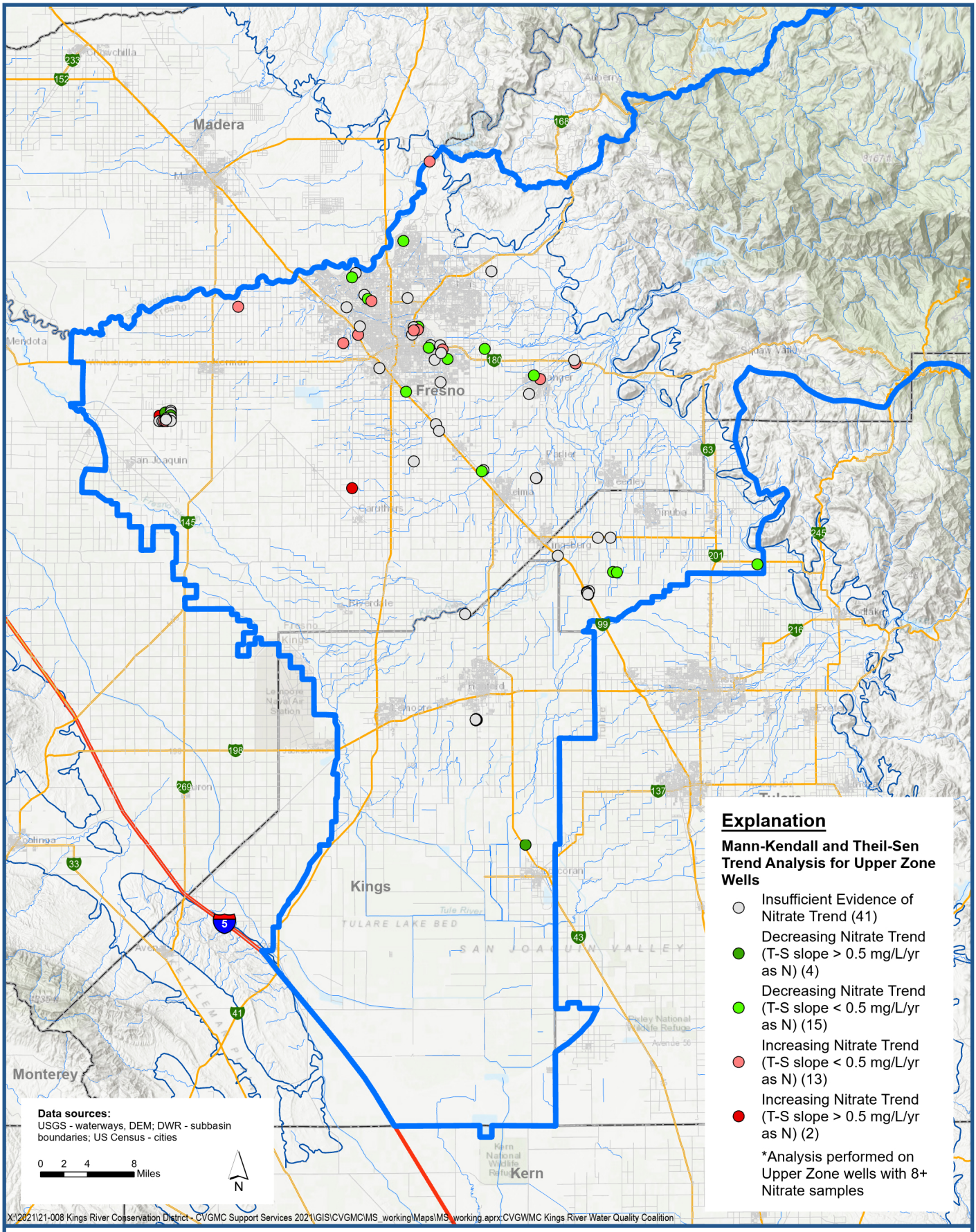


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-6

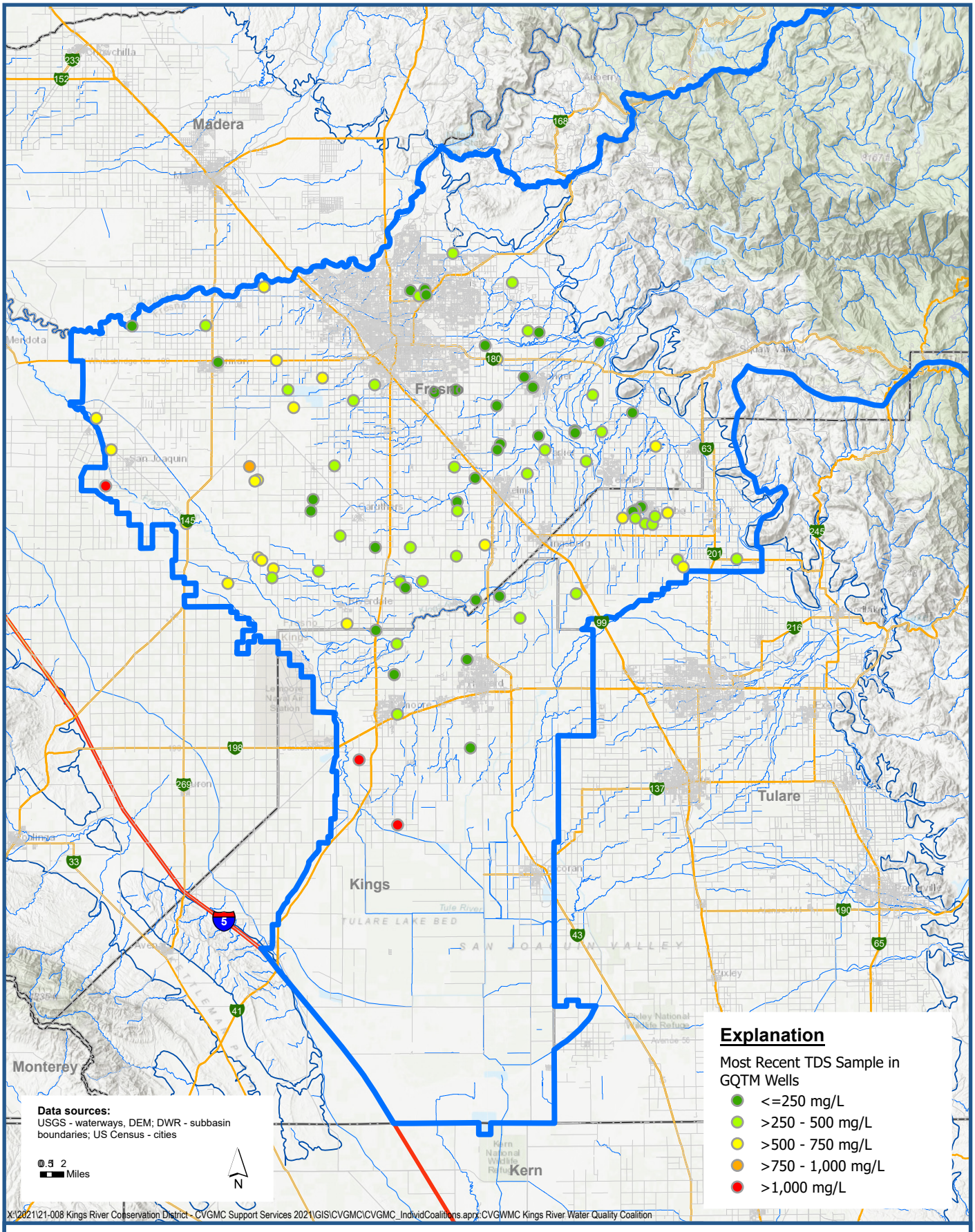


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-7



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Kings River Water Quality Coalition)

CVGMC
Five-Year Report

Figure K-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
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	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
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	Urban	4			2
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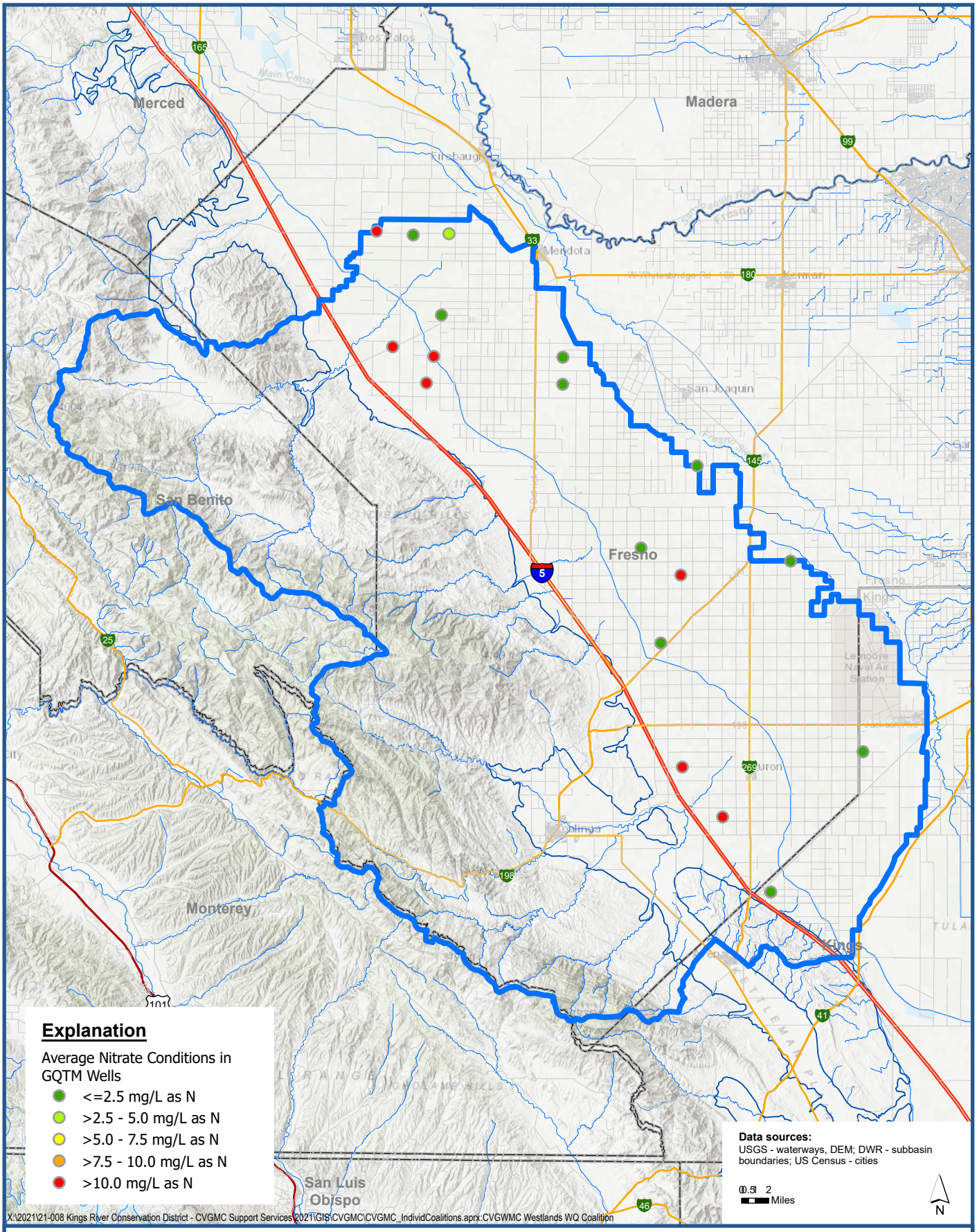
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure K-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix L

Westlands Water Quality Coalition 5-Year Assessment

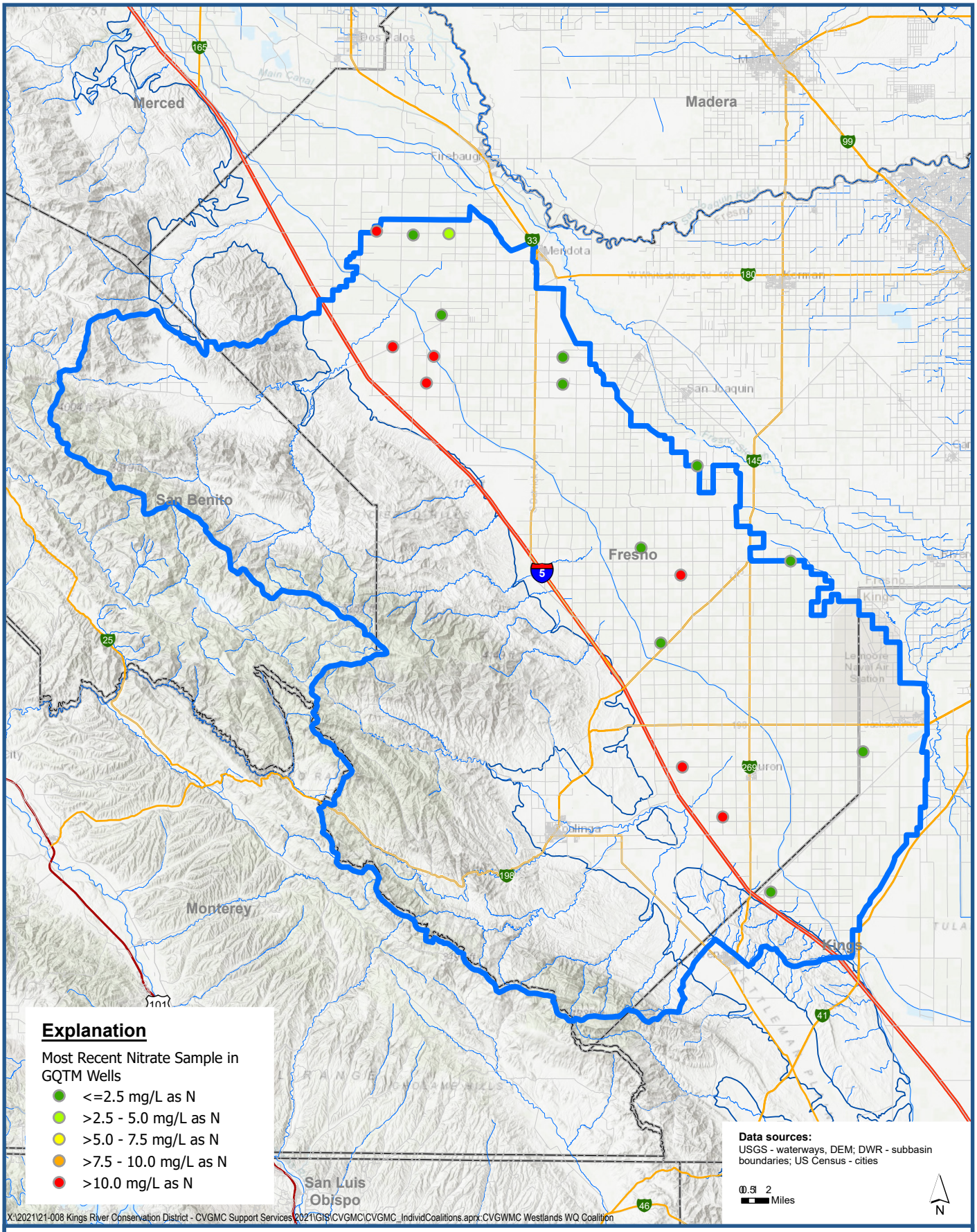


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Westlands Water Quality Coalition)

CVGMC
Five-Year Report

Figure L-1

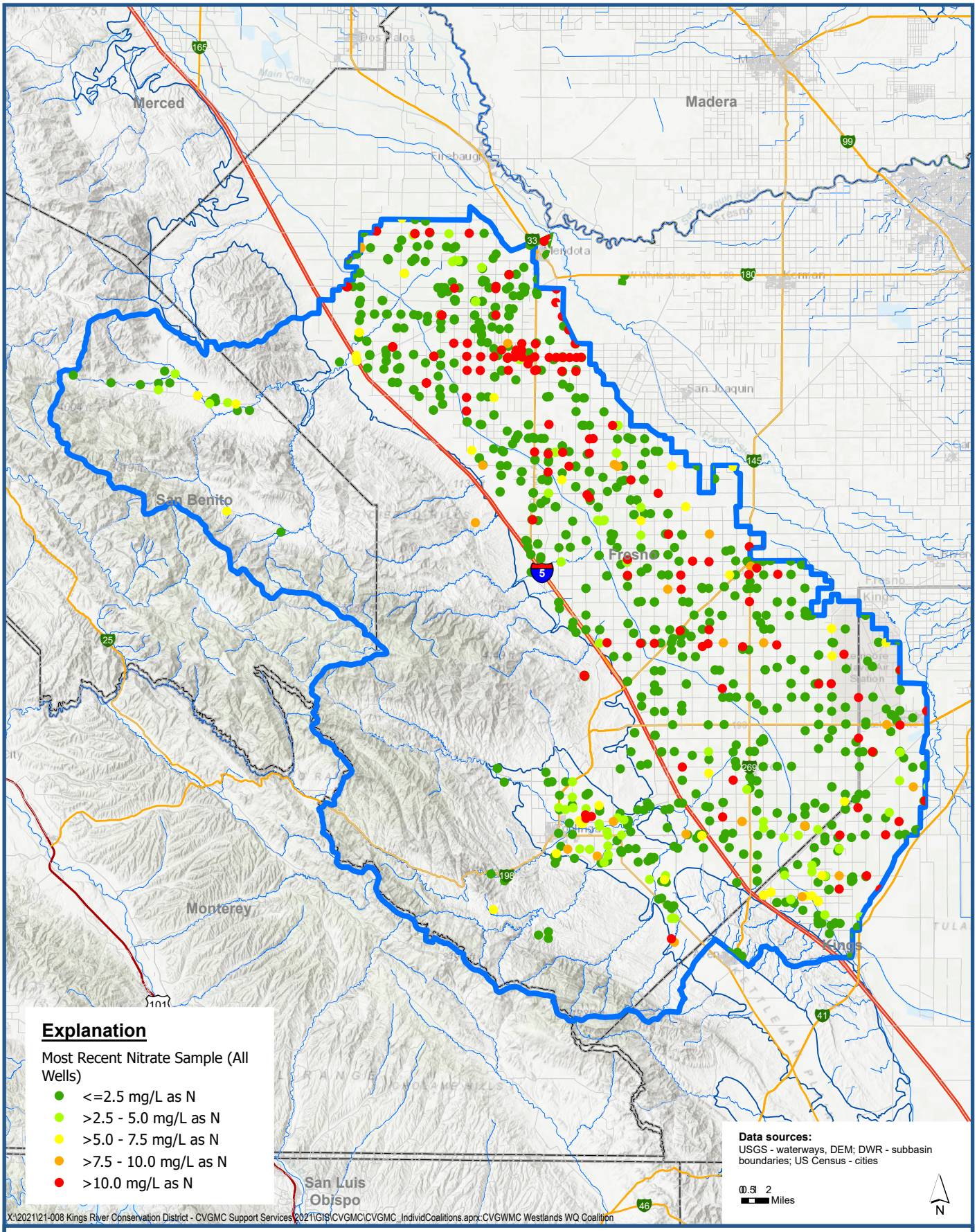


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Westlands Water Quality Coalition)

CVGMC
Five-Year Report

Figure L-2

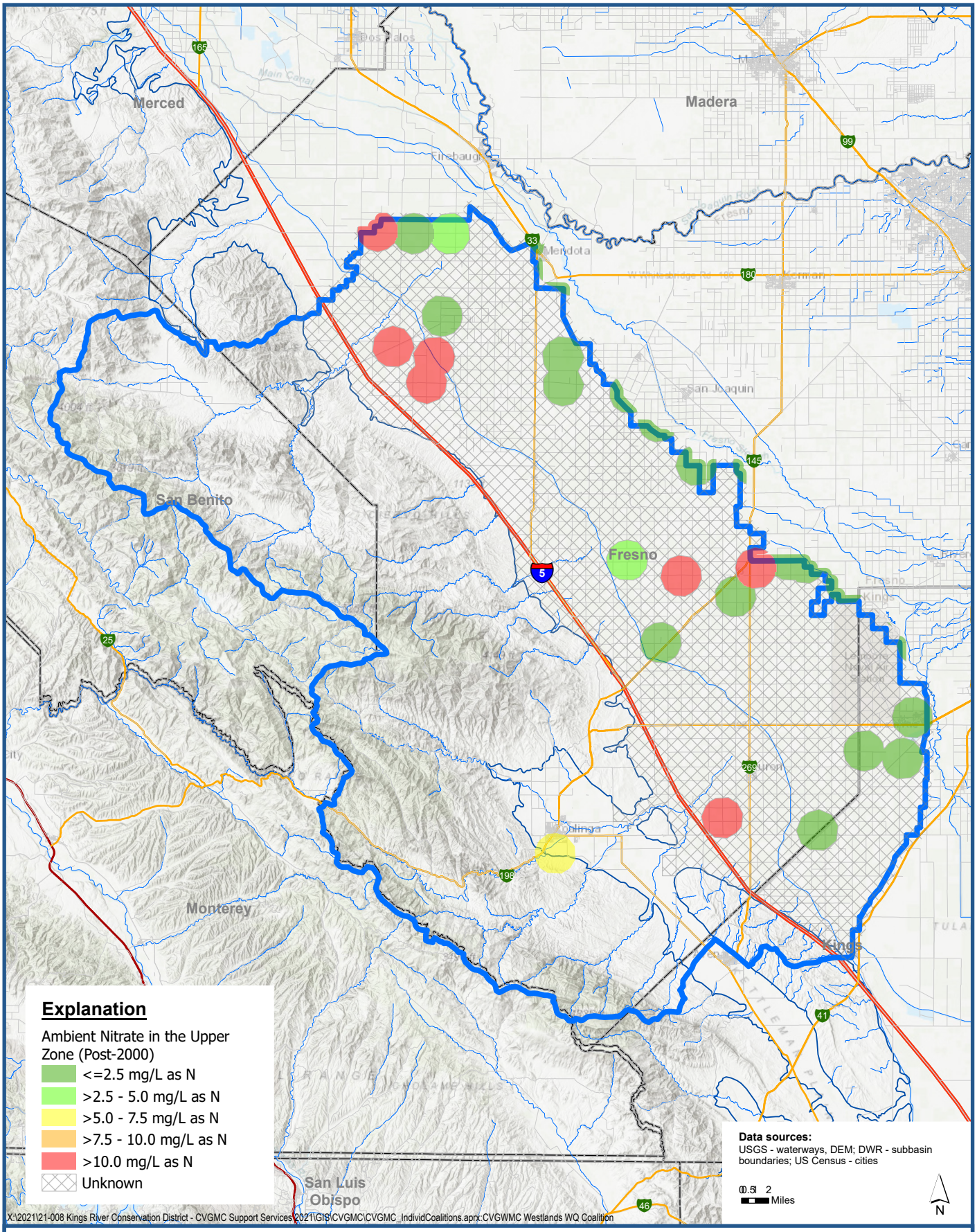


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Westlands Water Quality Coalition)

Figure L-3

CVGMC
Five-Year Report

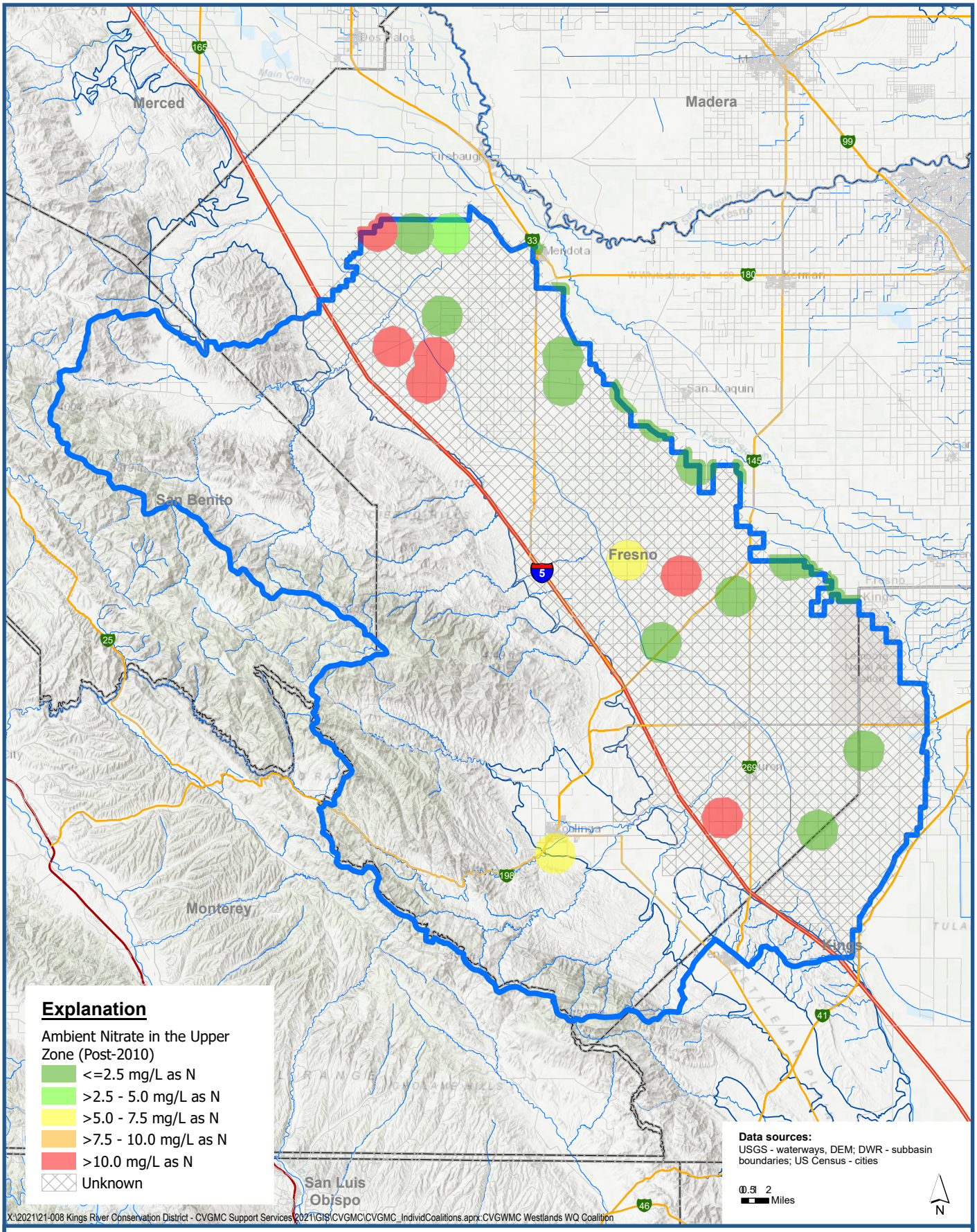


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Westlands Water Quality Coalition)

CVGMC
Five-Year Report

Figure L-4

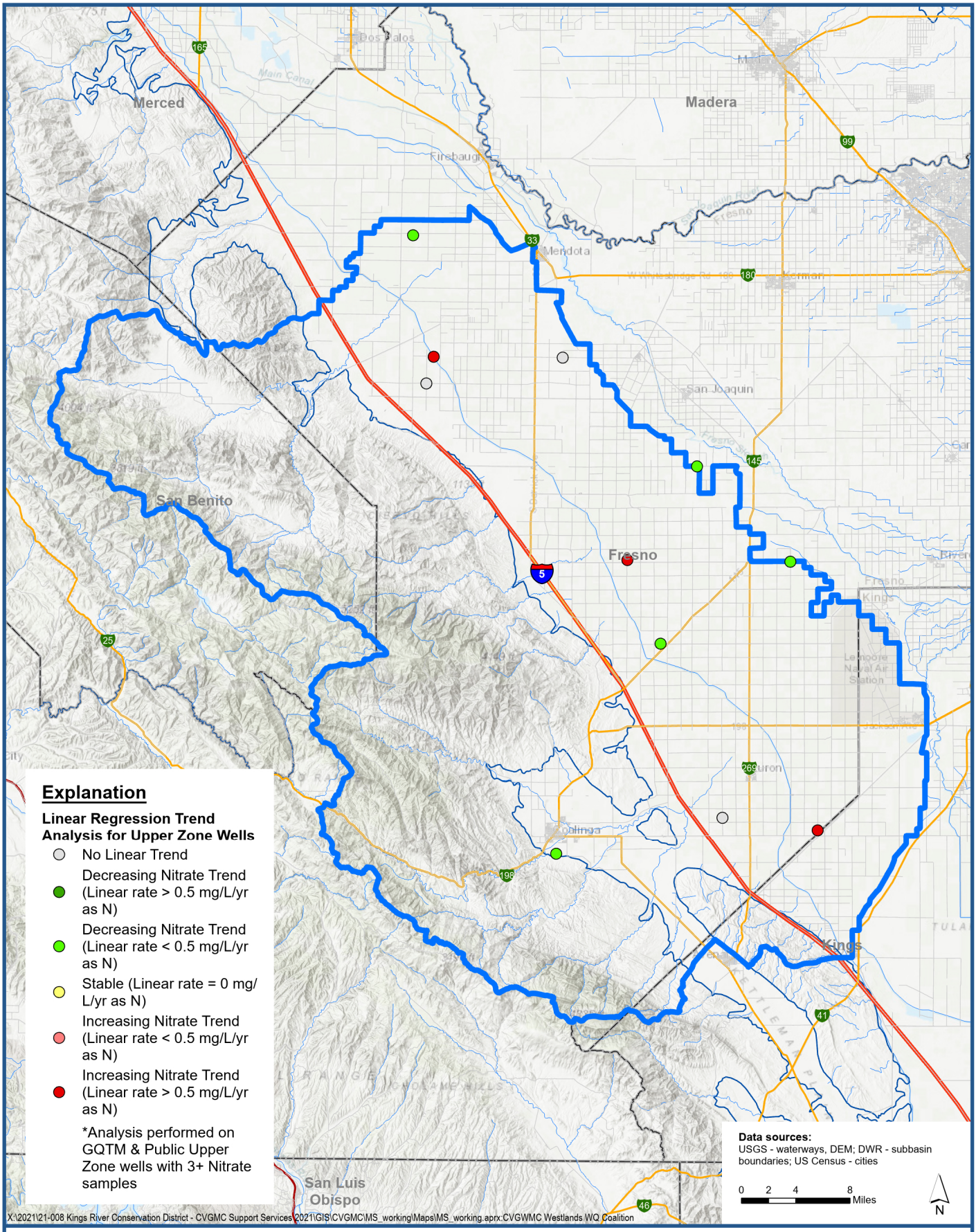


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Westlands Water Quality Coalition)

CVGMC
Five-Year Report

Figure L-5

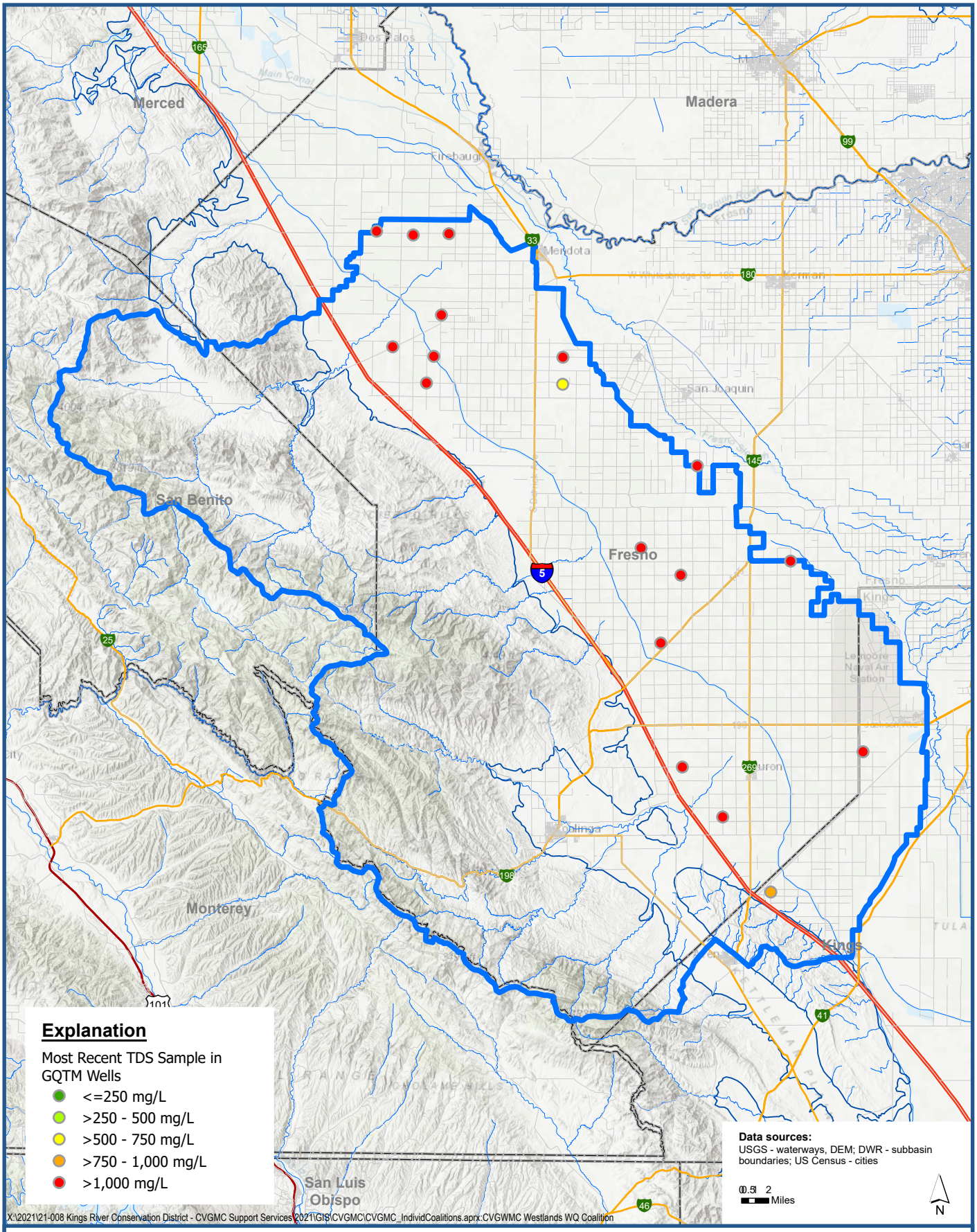


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Westlands Water Quality Coalition)

CVGMC
Five-Year Report

Figure L-6



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Westlands Water Quality Coalition)

CVGMC
Five-Year Report

Figure L-7

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
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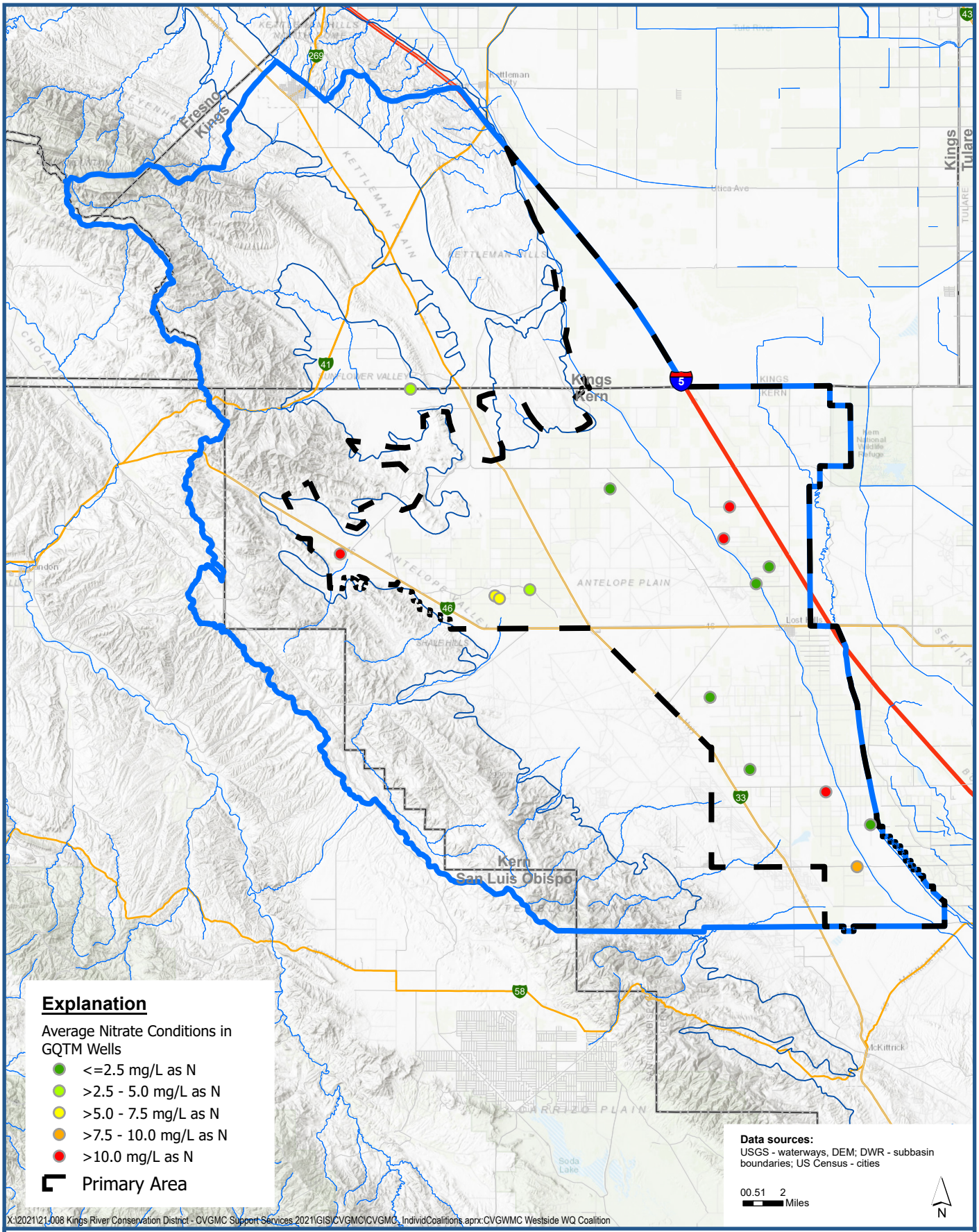
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure L-7. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix M

Westside Water Quality Coalition 5-Year Assessment

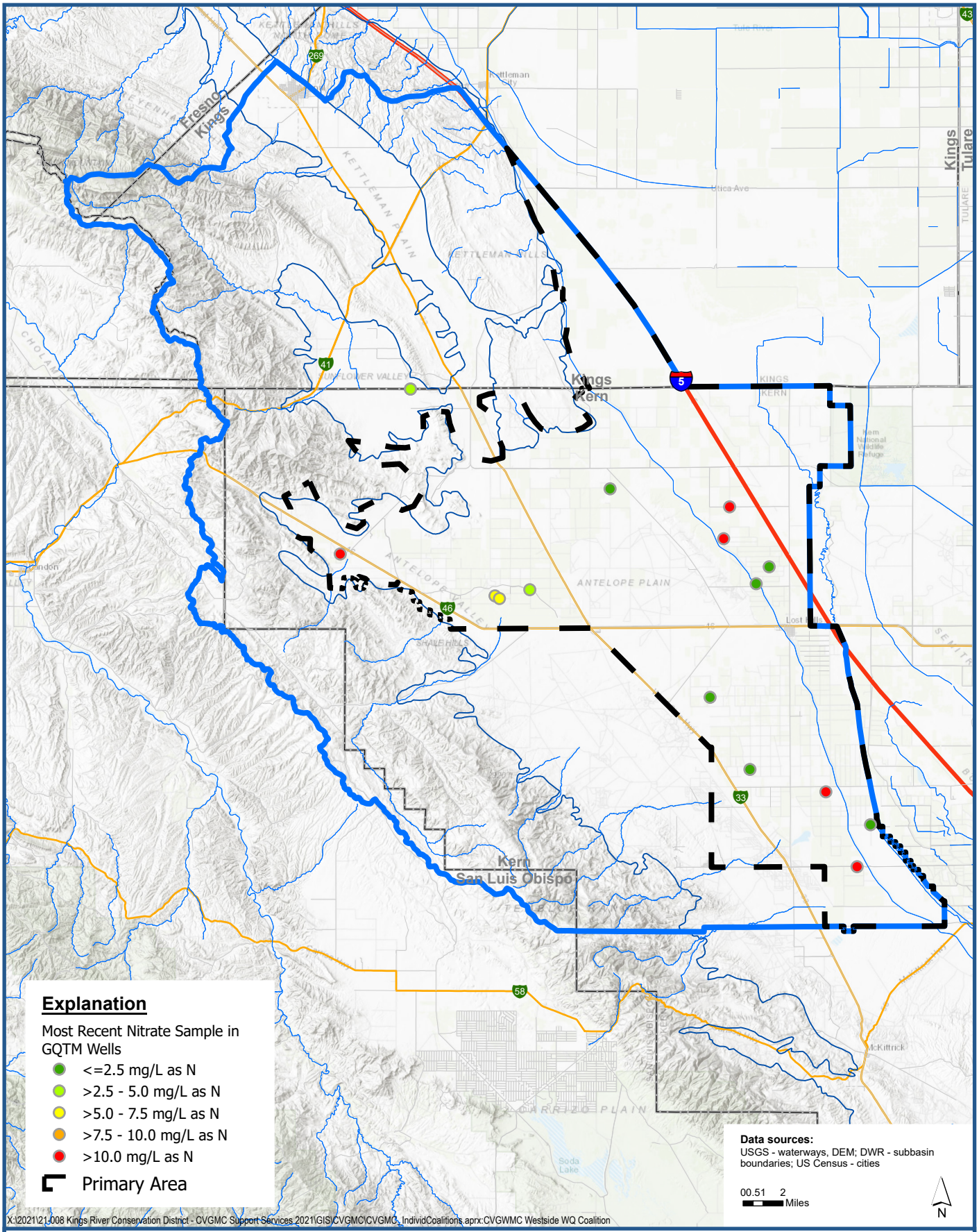


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Westside Water Quality Coalition)

CVGMC
Five-Year Report

Figure M-1

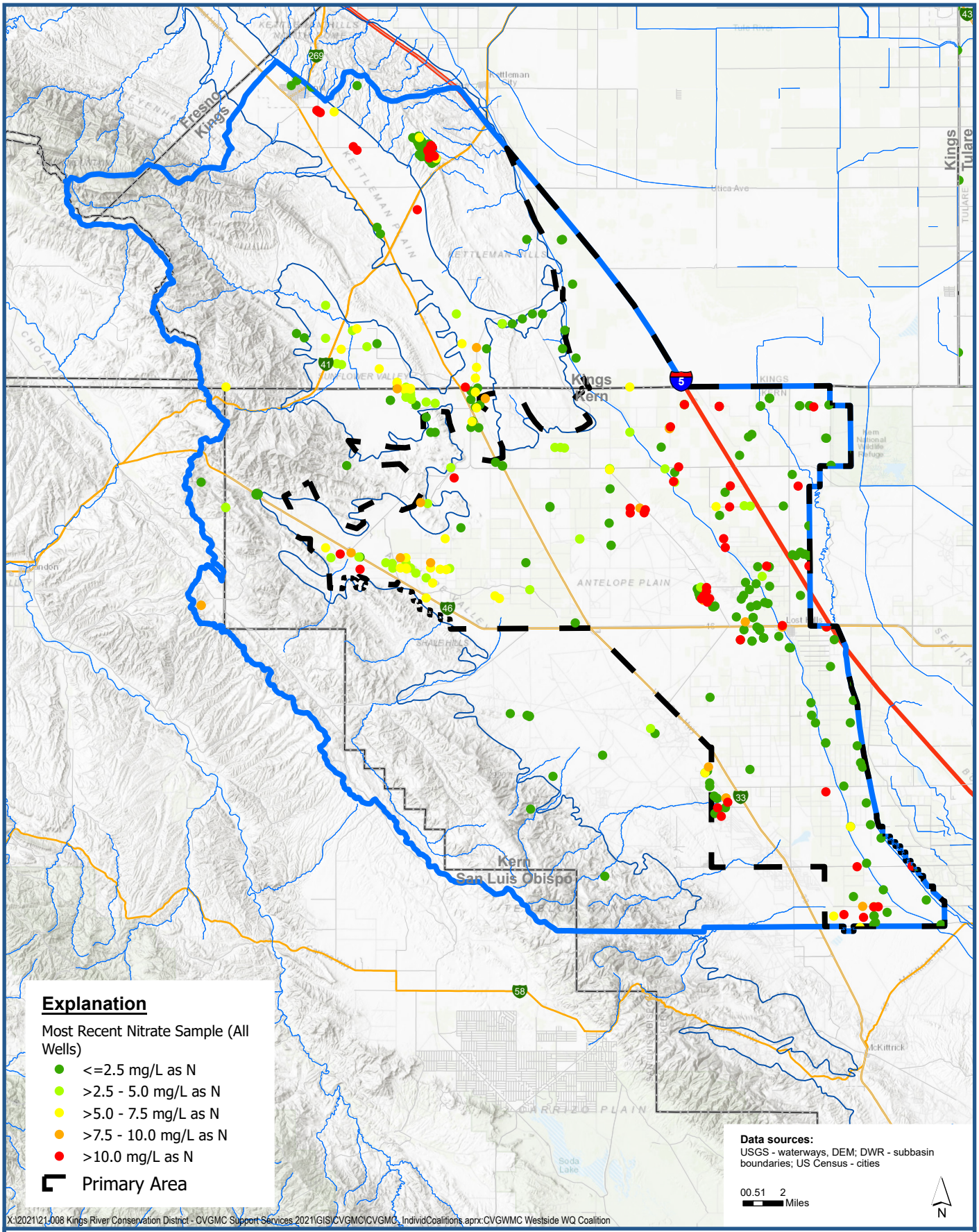


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Westside Water Quality Coalition)

CVGMC
Five-Year Report

Figure M-2

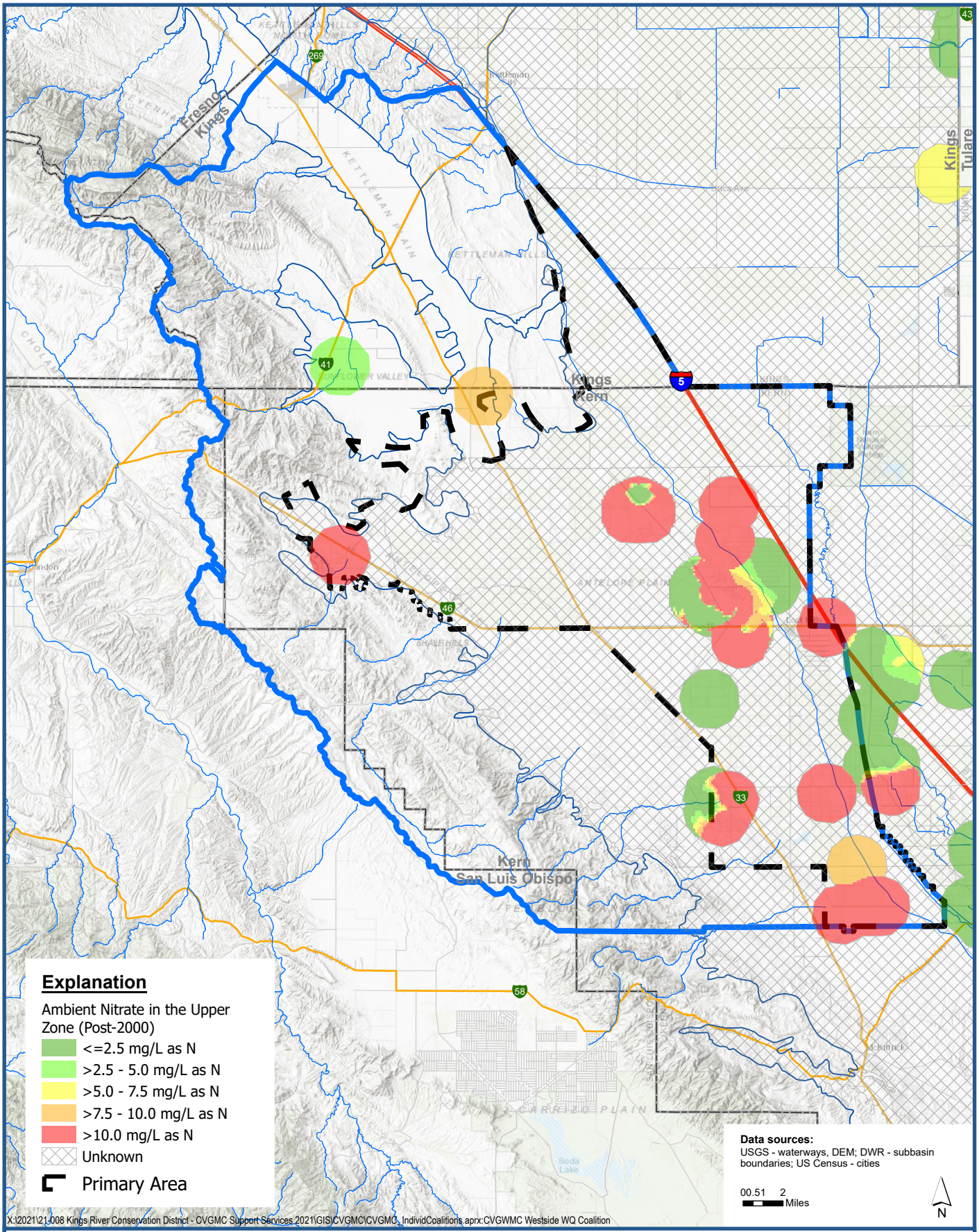


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Westside Water Quality Coalition)

Figure M-3

CVGMC
Five-Year Report

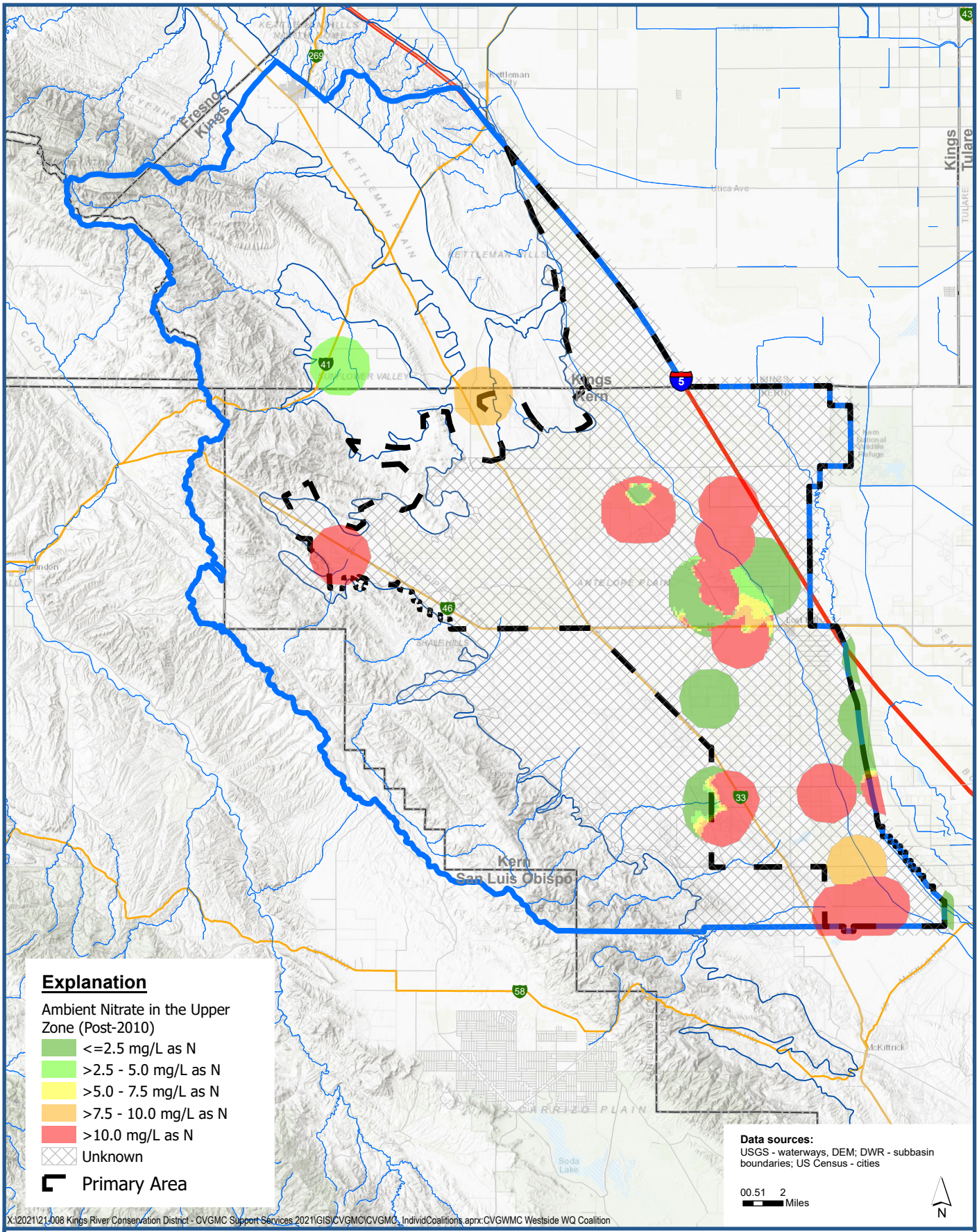


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Westside Water Quality Coalition)

Figure M-4

CVGMC
Five-Year Report

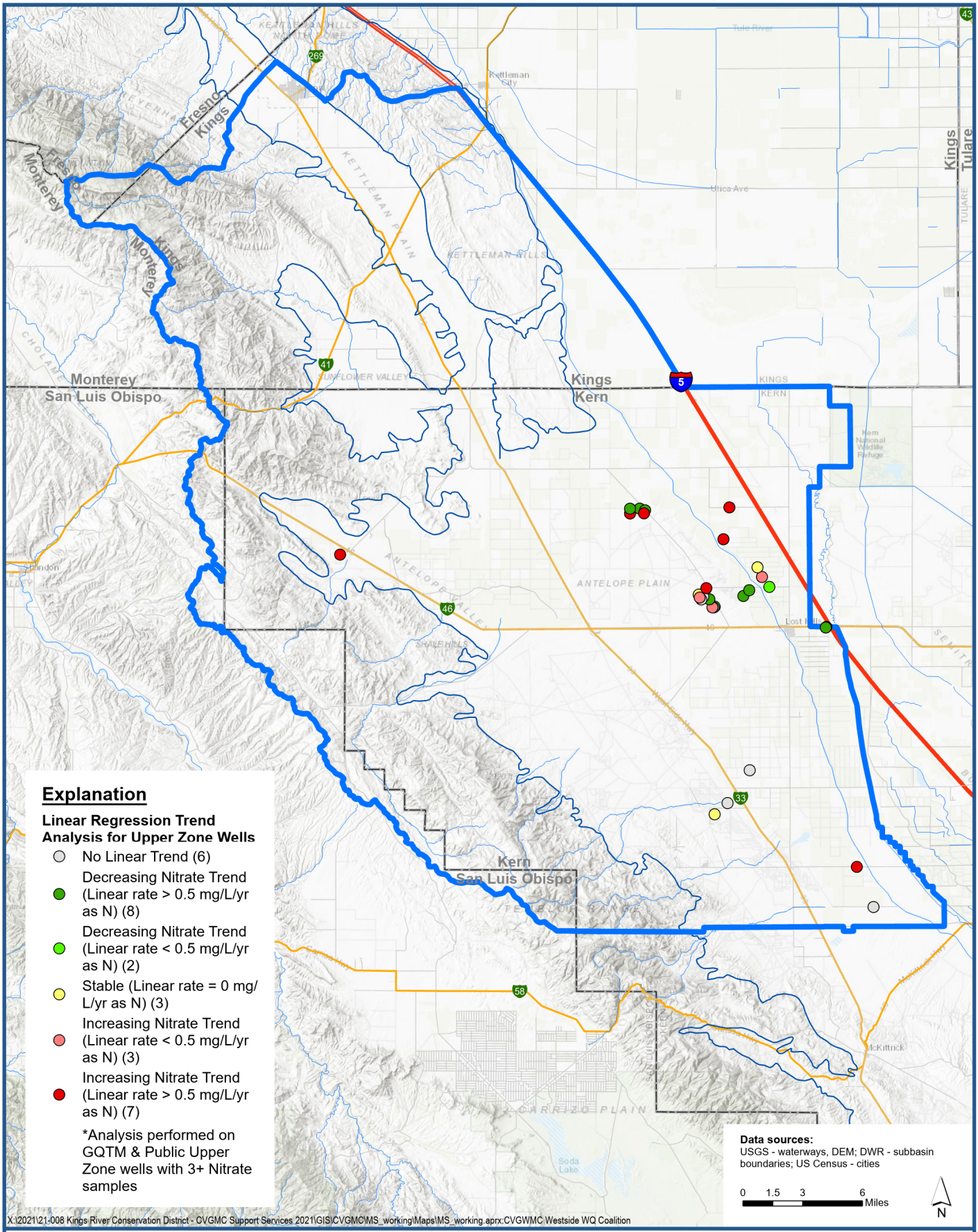


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Westside Water Quality Coalition)

CVGMC
Five-Year Report

Figure M-5



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Westside Water Quality Coalition)

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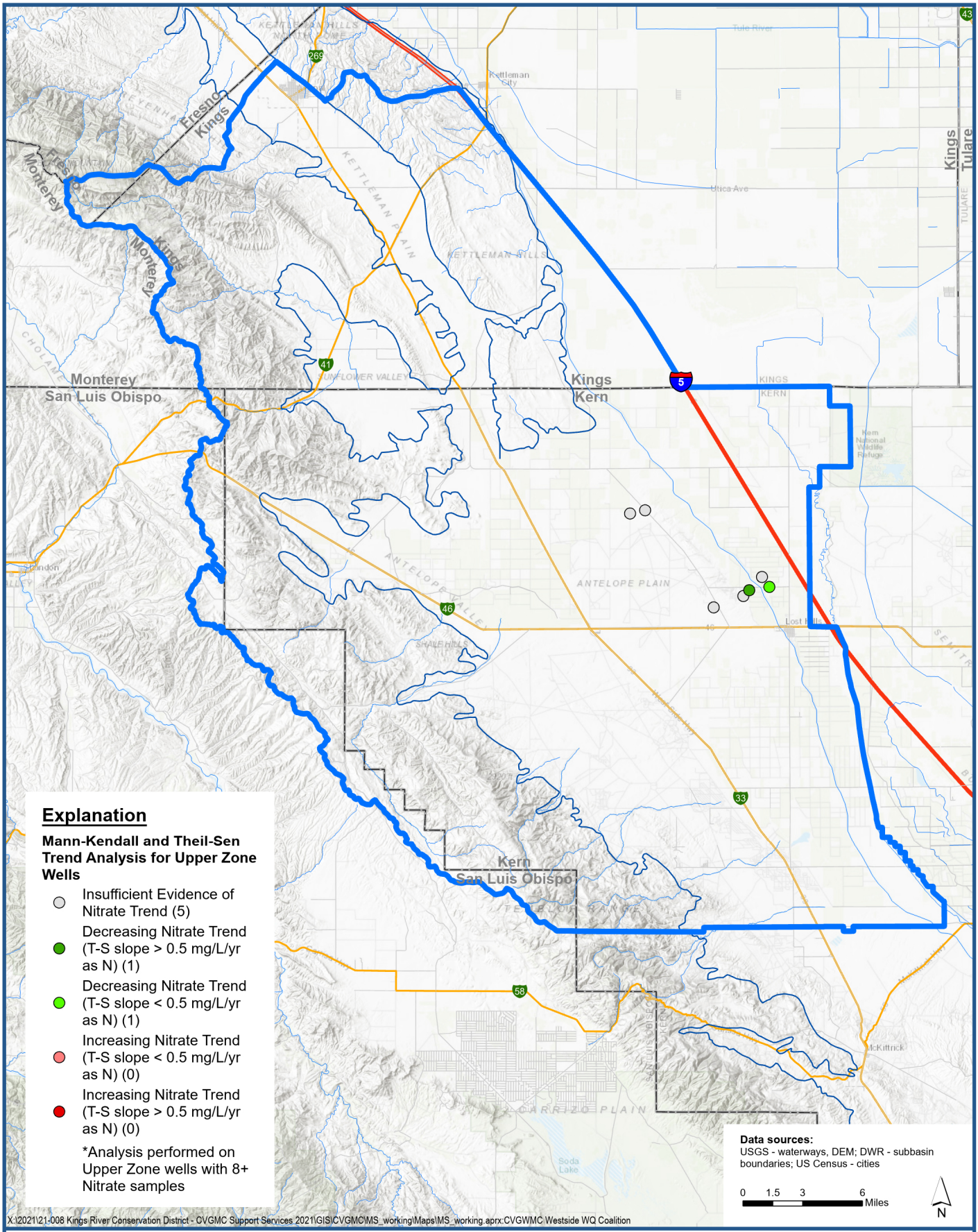
Five-Year Report

Figure M-6



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Westside Water Quality Coalition)

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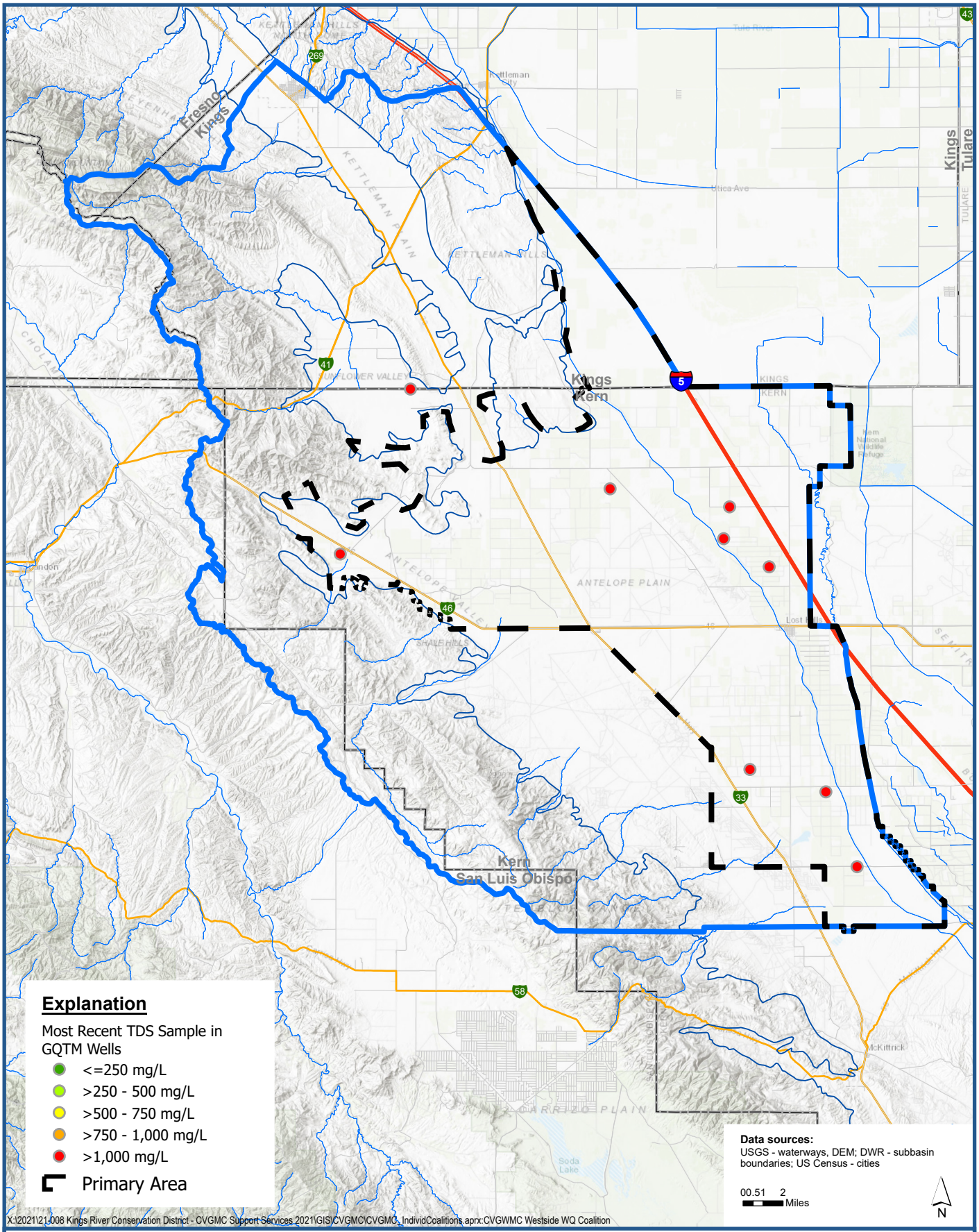
Figure M-7



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Westside Water Quality Coalition)

CVGMC
Five-Year Report

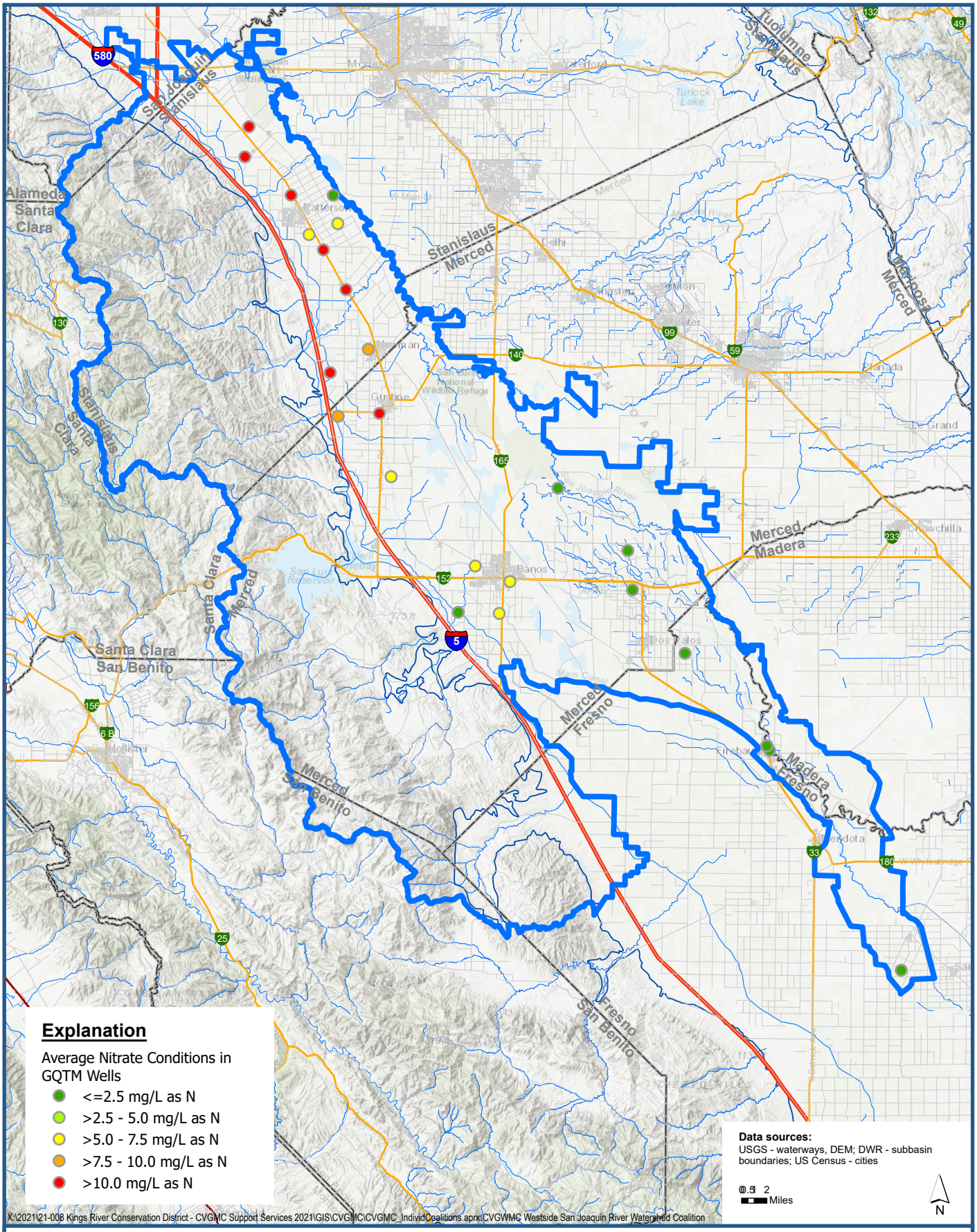
Figure M-8

Coalition	Land Use	Number of GQTM Wells			
		Insufficient Evidence of Linear Trend (R2 < 0.5)	Decreasing Linear Trend	Stable Linear Trend	Increasing Linear Trend
Buena Vista Coalition	Irrigated	1	2	2	2
	Urban				
Cawelo Water District Coalition	Irrigated	11	1		1
	Urban				
East San Joaquin Water Quality Coalition	Irrigated	4	4	1	2
	Urban				
Grassland Drainage Area Coalition	Irrigated	1	2		2
	Urban				
Kaweah Basin Water Quality Association	Irrigated	2	1		5
	Urban	3			2
Kern River Watershed Coalition Authority	Irrigated	8	3	2	12
	Urban				
Kings River Watershed Coalition Authotiy	Irrigated	15	5	4	11
	Urban	4			2
Westlands Water Quality Coalition	Irrigated	4	3		3
	Urban				
Westside San Joaquin River Watershed Coalition	Irrigated	3	6		6
	Urban				
Westside Water Quality Coaltion	Irrigated	1			4
	Urban				

Figure M-8. Summary of Parametric Nitrate Trends in GQTM Wells with 3+ Samples

Appendix N

Westside San Joaquin River Watershed Coalition 5-Year Assessment

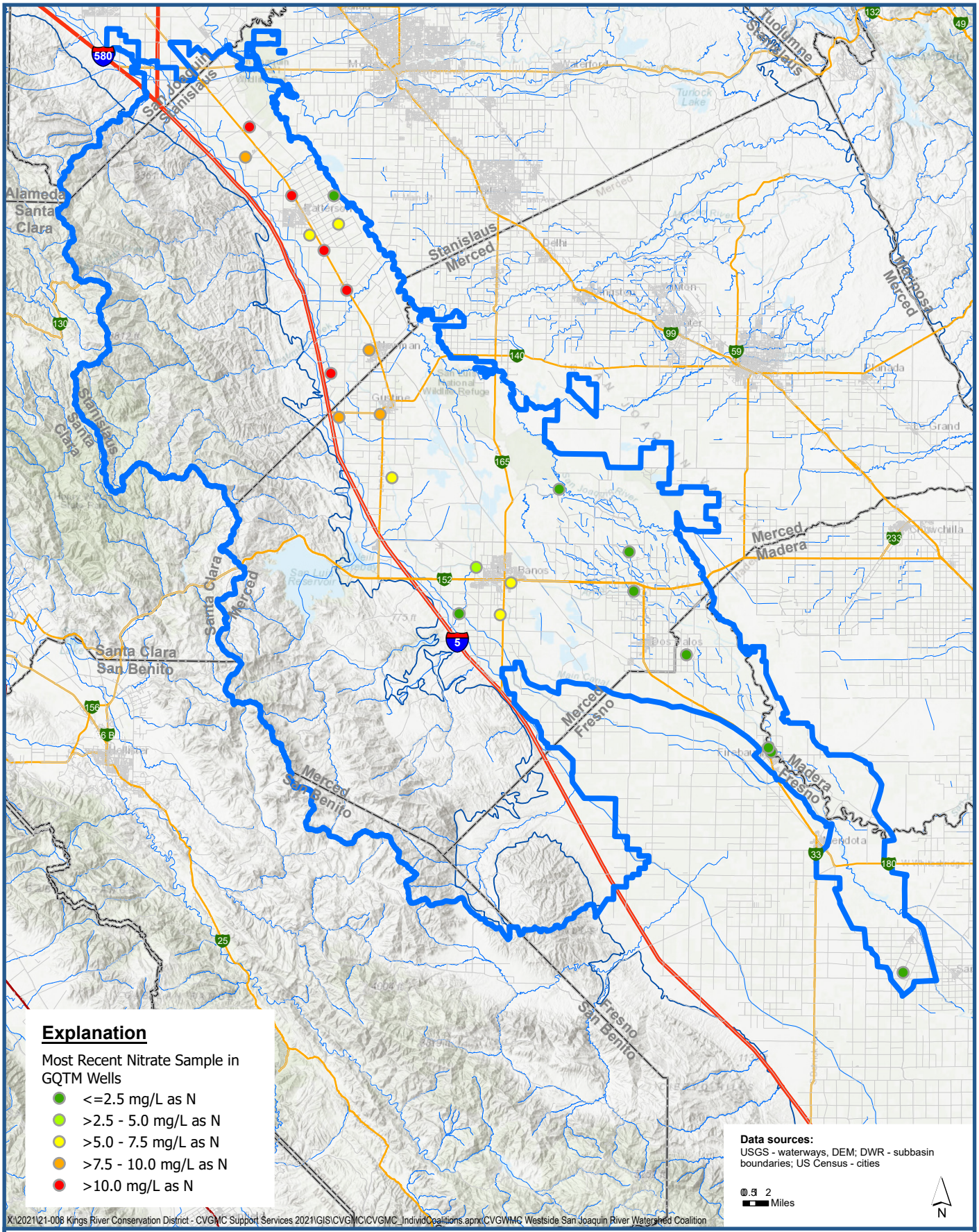


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Average Nitrate Conditions in GQTM Wells (Westside San Joaquin River Watershed Coalition)

CVGMC
Five-Year Report

Figure N-1

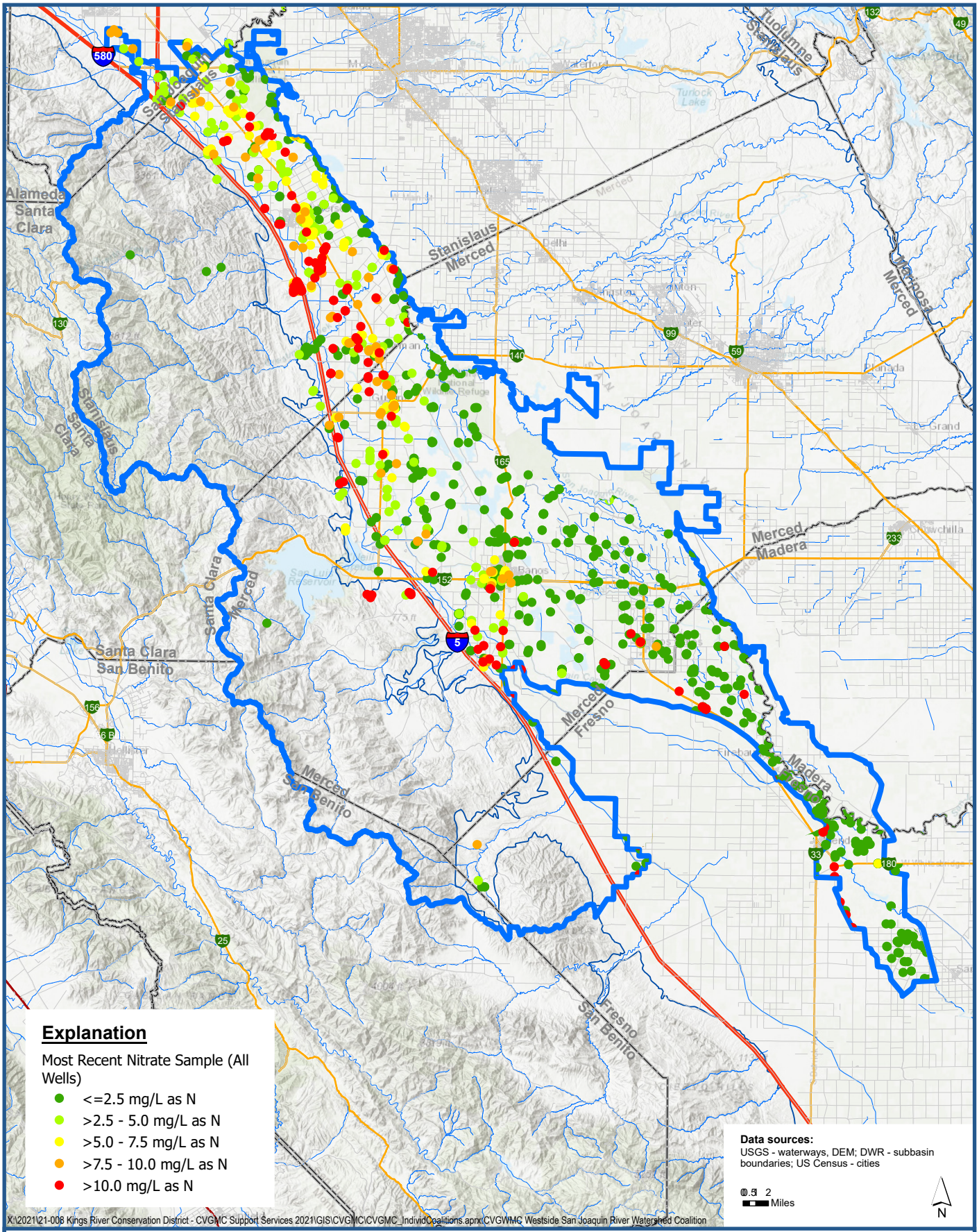


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in GQTM Wells (Westside San Joaquin River Watershed Coalition)

CVGMC
Five-Year Report

Figure N-2

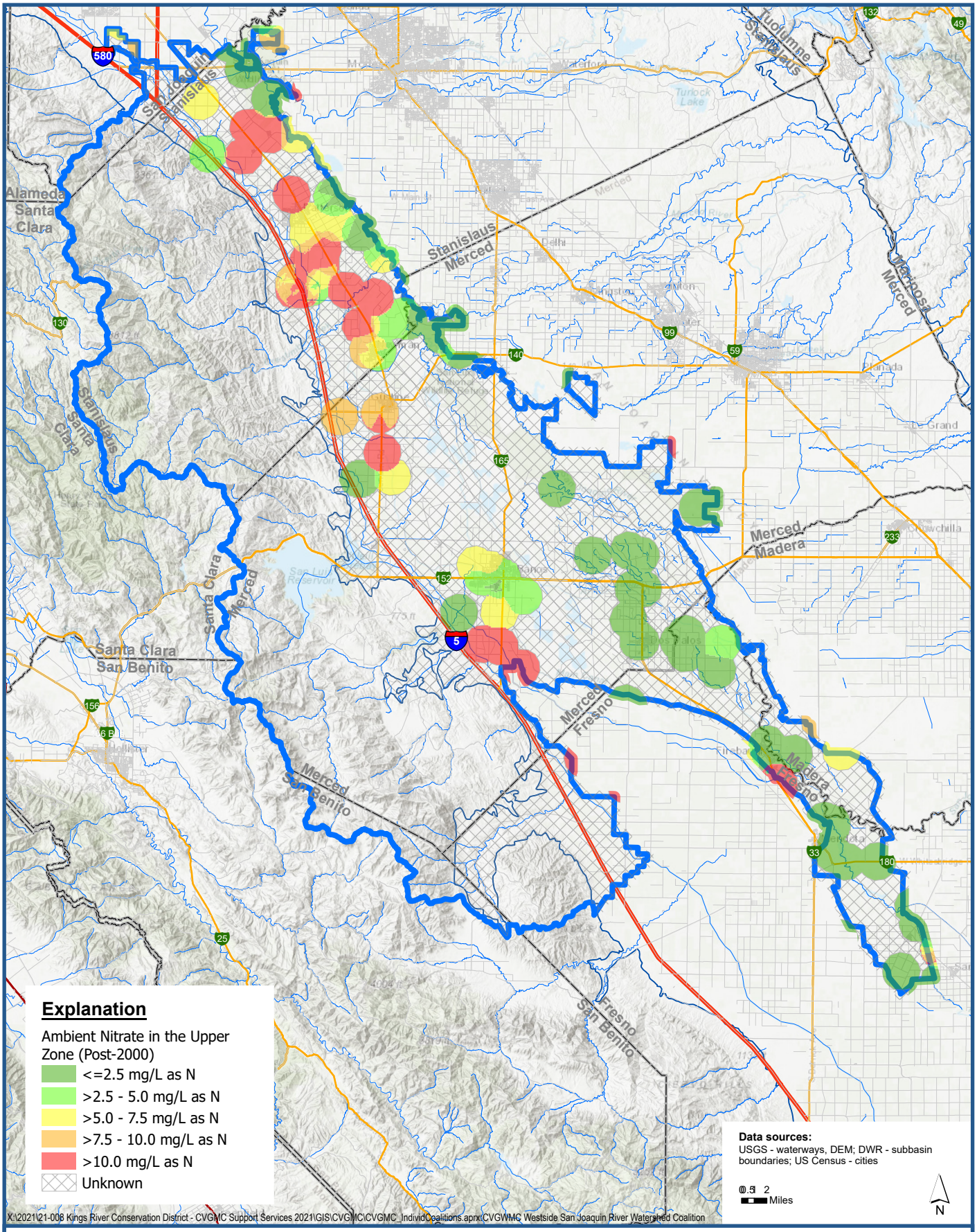


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent Nitrate Sample in All Wells with Nitrate Data (Westside San Joaquin River Watershed Coalition)

Figure N-3

CVGMC
Five-Year Report



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2000 (Westside San Joaquin River Watershed Coalition)

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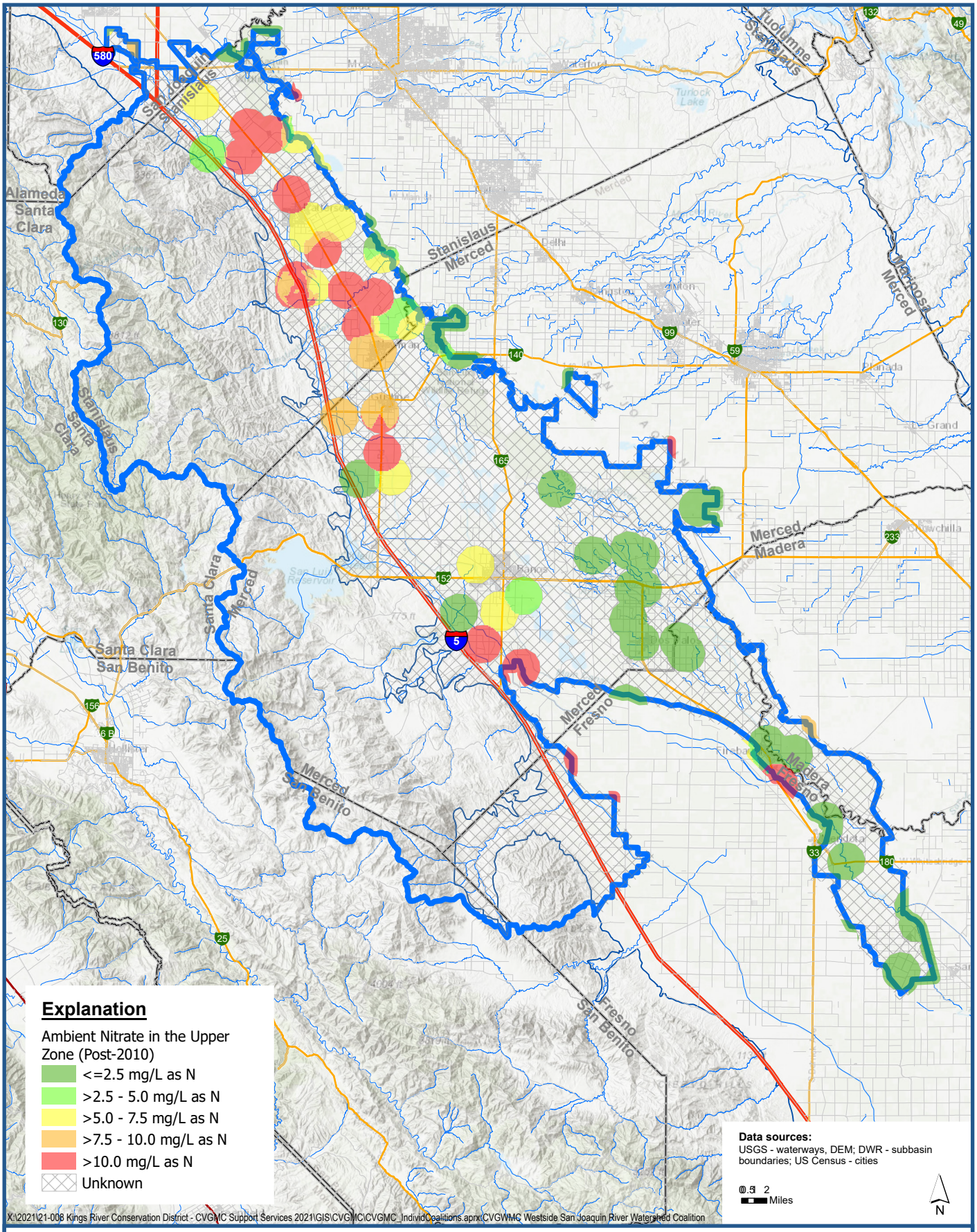
Five-Year Report

Figure N-4

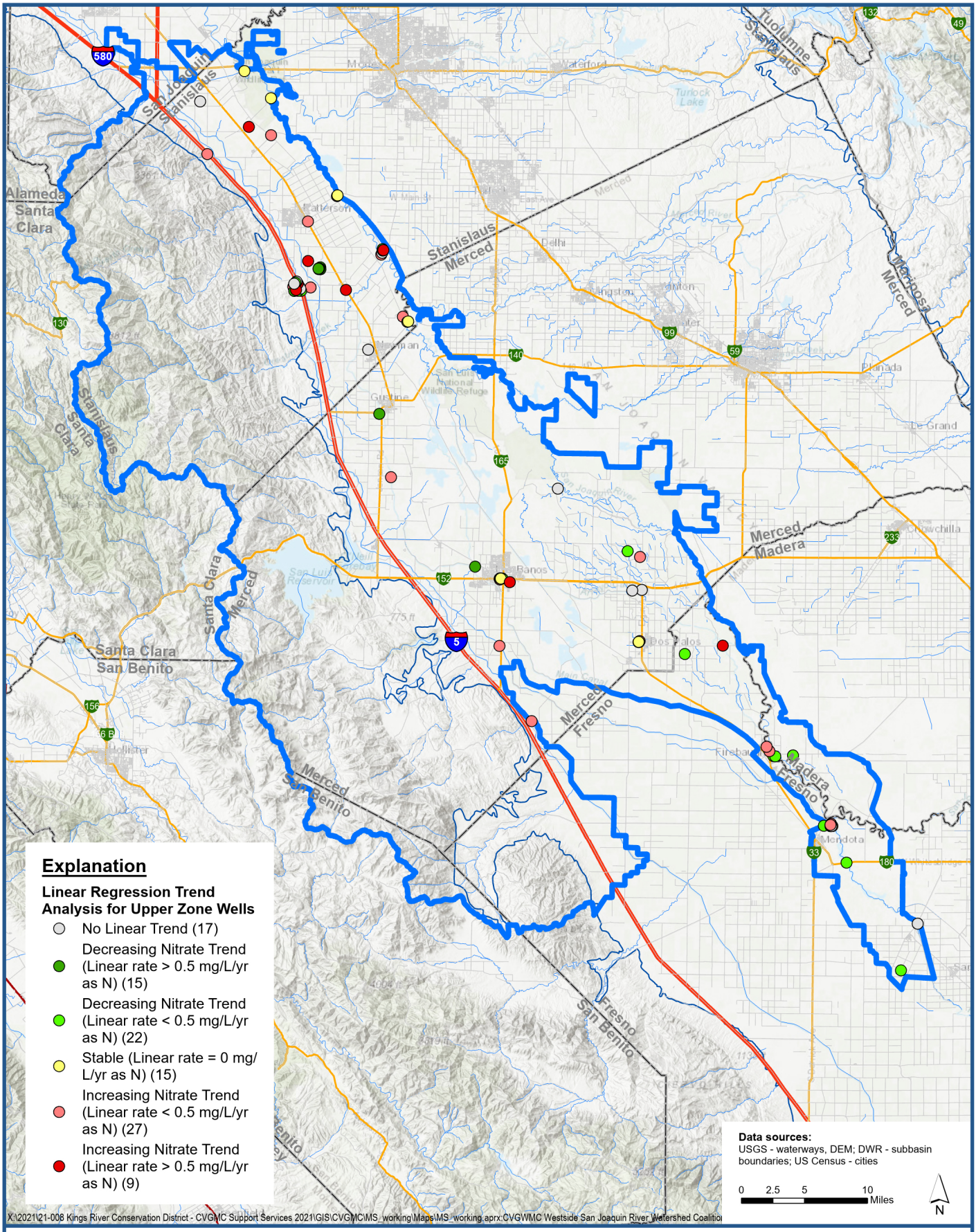


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Ambient Nitrate in the Upper Zone Post-2010 (Westside San Joaquin River Watershed Coalition)

CVGMC
Five-Year Report

Figure N-5

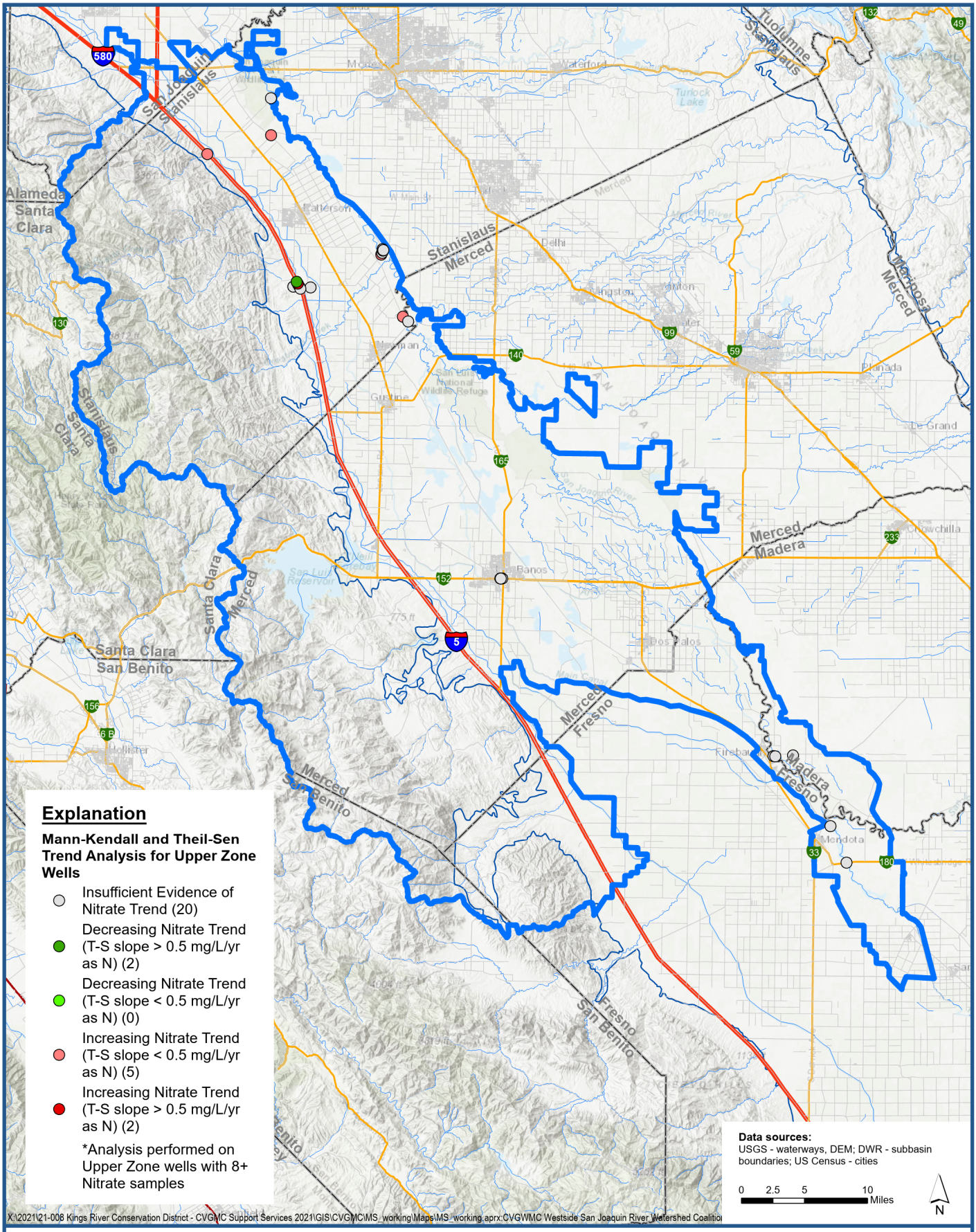


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Parametric Nitrate Trends in the Upper Zone Post-2000 (Westside San Joaquin River Watershed Coalition)

CVGMC
Five-Year Report

Figure N-6

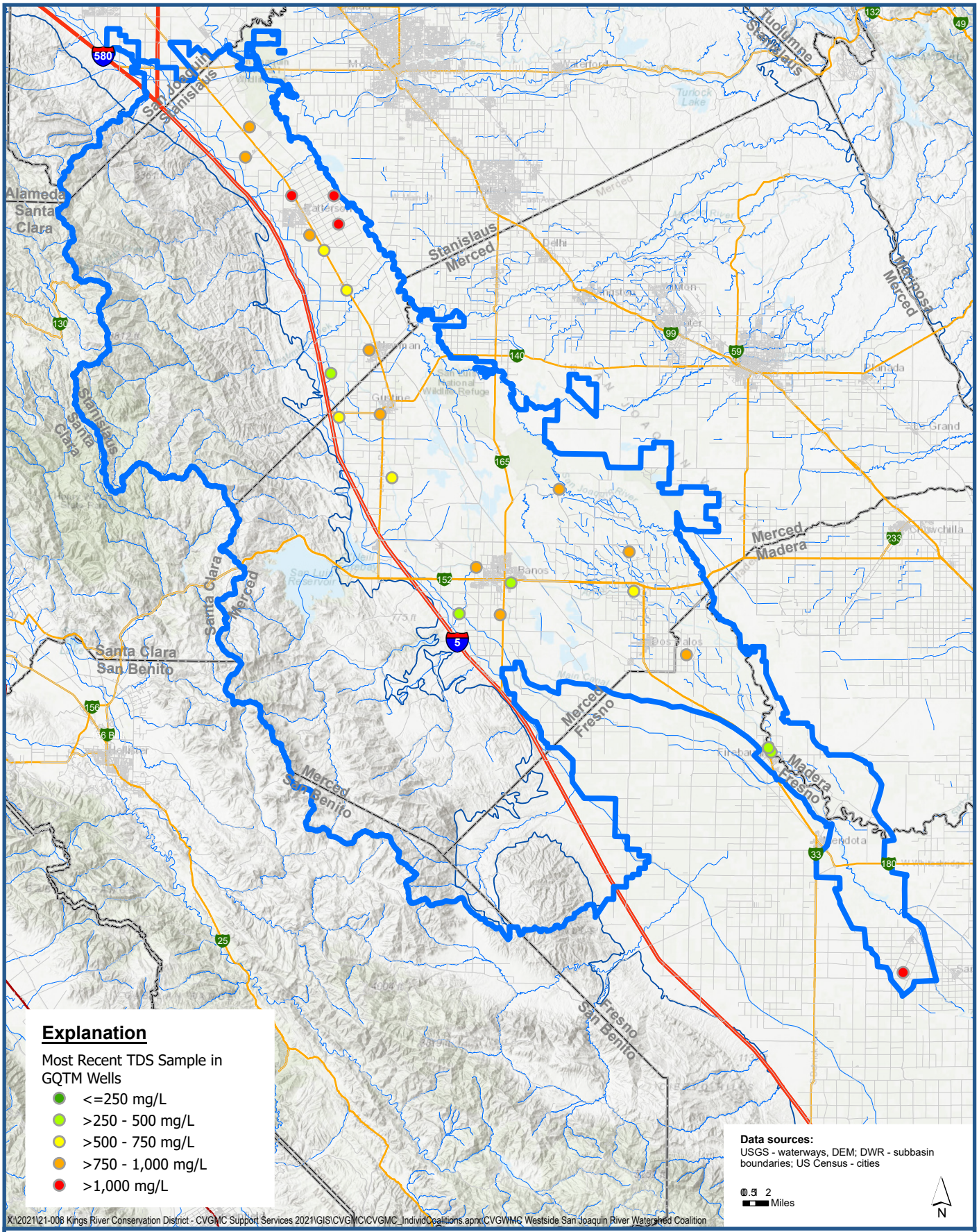


CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Non-Parametric Nitrate Trends in the Upper Zone Post-2000 (Westside San Joaquin River Watershed Coalition)

Figure N-7

CVGMC
Five-Year Report



CENTRAL VALLEY GROUNDWATER MONITORING COLLABORATIVE

Most Recent TDS Sample in GQTM Wells (Westside San Joaquin River Watershed Coalition)

CVGMC
Five-Year Report

Figure N-8

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