

TULARE LAKE SUBBASIN ANNUAL REPORT

Reporting Period:
Water Year 2024

PREPARED FOR

Tulare Lake Subbasin, Mid-Kings
River GSA, South Fork Kings
GSA, Southwest Kings GSA,
El Rico GSA, and Tri-County
Water Authority.

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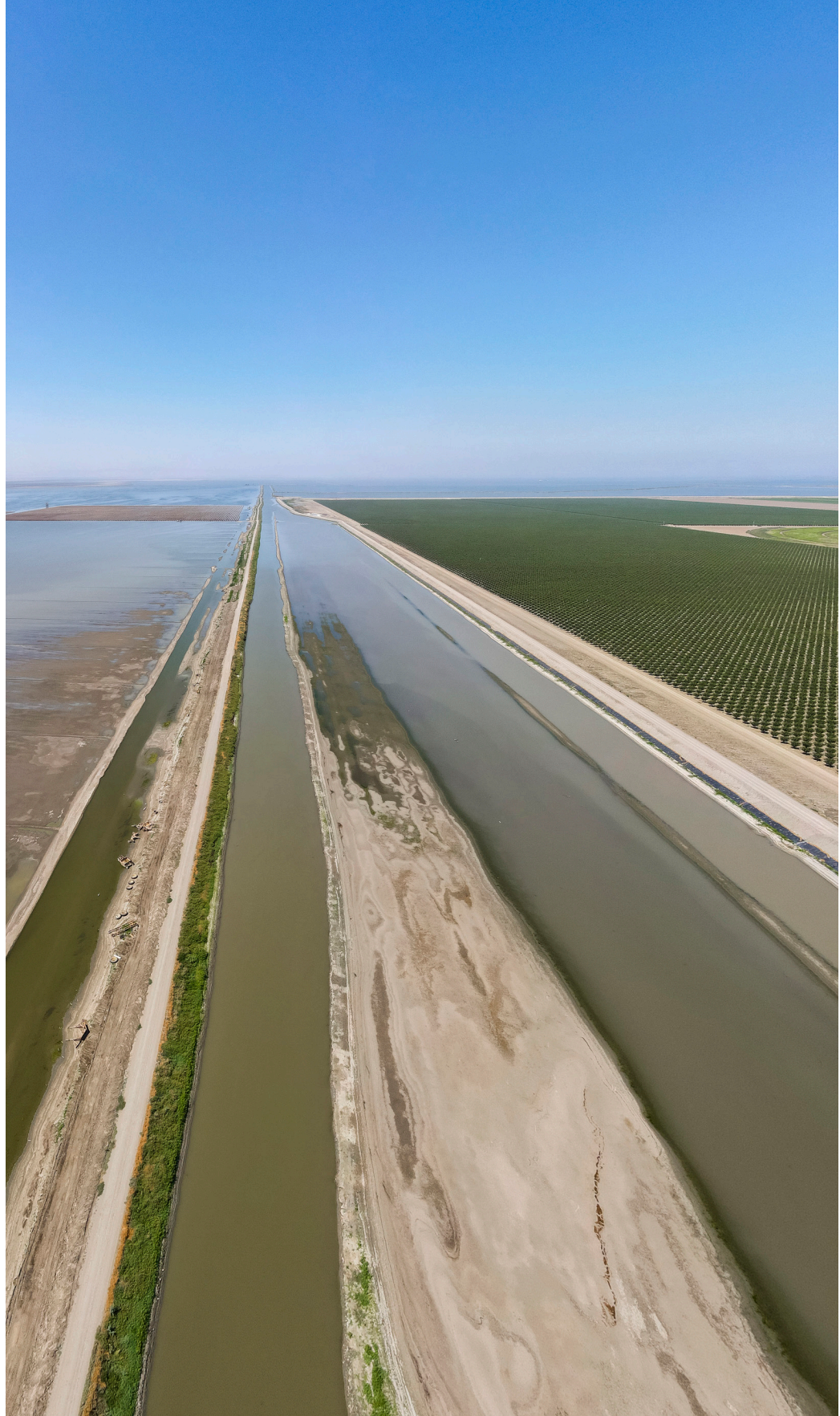


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ABBREVIATIONS & ACRONYMS

µg/L	micrograms per liter
AF	acre-feet
bgs	below ground surface
CAFO	Concentrated Animal Feeding Operation
CalTrans	California Department of Transportation
cfs	cubic feet per second
CGPS	Continuous Global Positioning System
CID	Corcoran Irrigation District
COC	contaminants of concern
CSD	Community Services District
CVP	Central Valley Project
CWD	County Water District
DDW	Department of Drinking Water
DWR	California Department of Water Resources
ET	Evapotranspiration
ETa	crop evapotranspiration measurement
ETc	crop evapotranspiration estimate
GSP	Groundwater Sustainability Plan
GSA	Groundwater Sustainability Agency
InSAR	interferometric synthetic aperture radar
ITRC	Irrigation Training and Research Center
KCWD	Kings County Water District
KRCD	Kings River Conservation District
mg/L	milligrams per liter

Abbreviations & Acronyms Continued

MKRGSA	Mid-Kings River Groundwater Sustainability Agency
MO	measurable objective
MSL	mean sea level
MT	minimum threshold
OSWCR	Online System of Well Completion Reports
pCi/L	picocuries per liter
PRISM	Parameter-elevation Regressions on Independent Slopes Model
RMS	representative monitoring sites
RWQCB	Regional Water Quality Control Board
SGM	Sustainable Groundwater Management
SGMA	Sustainable Groundwater Management Act
SMC	Sustainable Management Criteria
SFKGSA	South Fork Kings Groundwater Sustainability Agency
SWP	State Water Project
SWRCB	State Water Resources Control Board
TCWA	Tri-County Water Authority Groundwater Sustainability Agency
TDS	total dissolved solids
Subbasin	Tulare Lake Subbasin
WY	Water Year

EXECUTIVE SUMMARY

23 Cal. Code Regs. § 356.2 Annual Reports. *Each Agency shall submit an annual report to the Department by April 1 of each year following the adoption of the Plan. The annual report shall include the following components for the preceding water year:*

(a) *General information, including an executive summary and a location map depicting the basin covered by the report.*

The Tulare Lake Subbasin (Subbasin) Groundwater Sustainability Agencies (GSAs) have prepared this Annual Report for Water Year (WY) 2024 in compliance with the Sustainable Groundwater Management Act (SGMA) and Title 23 of the California Code of Regulations. Designated by the California Department of Water Resources (DWR) as Subbasin No. 5-022.12 within the Tulare Lake Hydrogeologic Region. As required under Section 356.2, this report presents data collected for the preceding water year starting October 1, 2023, and ending September 30, 2024 (referred to as WY 2024). The Tulare Lake Subbasin Groundwater Sustainability Plan (GSP) sets the sustainability goal of achieving and maintaining a reliable water supply for current and future users by 2040 while avoiding significant and unreasonable impacts on water quality and land subsidence. This goal is measured against the measurable objectives (MOs) and minimum thresholds (MTs) established in the GSP, ensuring that undesirable results are prevented.

Five Subbasin GSAs coordinate to implement the GSP and submit this single Annual Report:

- Mid-Kings River GSA
- South Fork Kings GSA
- Southwest Kings GSA
- El Rico GSA
- Tri-County Water Authority

This report outlines the Subbasin's objectives, desired conditions, and the measures adopted to achieve and sustain groundwater conditions, along with the rationale for their effectiveness. Notably, in April 2024, the California State Water Resources Control Board (SWRCB) placed the Subbasin on probationary status, citing the need for additional GSP revisions. This Annual Report incorporates updated sustainable management criteria and new data from the revised GSP in response to the Board's determination.

Key Findings:

1. Water Year Type

- WY 2024 was classified as a normal water year.
- The Subbasin received 8.68 inches of precipitation (recorded at the Hanford Weather Station) which is slightly higher than the historical average of 8.28 inches.
- Above-average rainfall and runoff from snowpack during WY 2023 resulted in excess surface water, some of which was captured and stored in the Lake Bottom area for reuse during WY 2024.

2. Groundwater Elevations

- Representative Monitoring Site (RMS) wells indicate that most groundwater elevations in Fall 2024 were higher than in Fall 2023, though some wells recorded slightly lower levels.
- None of the monitored wells exceeded the minimum thresholds for groundwater elevation.

3. Groundwater Quality

- Groundwater quality samples from drinking water wells across the Subbasin generally remained below minimum thresholds.
- Three wells reported concentrations above the minimum thresholds for samples collected during WY 2024 .

4. Change in Groundwater Storage

- During the reporting period, total groundwater storage in the Subbasin decreased by approximately 28,755 acre-feet. The change in storage was generally due to decreases in the lower aquifer.

5. Land Subsidence

- Annual Land Subsidence measured by satellite Interferometric Synthetic Aperture Radar (InSAR) recorded changes between -0.14 and -0.32 feet.
- Continuous Global Position System (CGPS) RMS stations (LEMA and CRCN)—showed subsidence decreases of 0.11 feet and 0.10 feet, respectively.
- None of the RMS sites exceeded the minimum threshold for total subsidence.

Ongoing coordination among the five GSAs, along with the implementation of planned projects and management actions, will be essential to addressing localized challenges, mitigating further declines in groundwater storage, and maintaining compliance with SGMA sustainability criteria. These efforts will support continued improvements in groundwater conditions, ensuring long-term water supply reliability and resilience in the Subbasin.

1. INTRODUCTION & BACKGROUND

Legal Requirements. §356.2(a) *General information, including an executive summary and a location map depicting the basin covered by the report.*

In compliance with §356.2 of the SGMA Regulations, each GSA in the Tulare Lake Subbasin must submit an annual report to California’s DWR by April 1 each year following the adoption of their first GSP. The WY 2024 report will include data from WY 2024 (October 1, 2023 – September 30, 2024) and, for comparison, WY 2023 (October 1, 2022 – September 30, 2023). This report outlines the groundwater conditions, GSP implementation status, and progress toward interim milestones within the Subbasin.

The five GSAs in the Tulare Lake Subbasin are collaborating to produce a unified Annual Report that provides a comprehensive update on the status of GSP implementation across the Subbasin. This marks the sixth Annual Report submitted under SGMA, summarizing data collected during the WY 2024 reporting period (October 1, 2023 – September 30, 2024) and incorporating historical information from the GSP and previous annual reports.

WY 2024 followed a period of significant hydrologic variability, as the Subbasin continued to recover from the extensive flooding of WY 2023 and ongoing flood management efforts into the first half of WY 2024. Nearly 100,000 acres in Kings County were inundated during WY 2023 (NASA Earth Observatory, 2023), highlighting the need for coordinated response efforts. In response, the GSAs worked collaboratively with water districts, flood management agencies, local governments, and landowners to enhance floodwater capture and managed aquifer recharge opportunities. These efforts were guided by existing recharge policies and emergency measures enacted under the Governor’s Executive Order N-4-23, reinforcing the Subbasin’s commitment to maximizing water availability while advancing SGMA sustainability objectives.

1.1 Plan Area Description

The Tulare Lake Subbasin, identified by DWR as No. 5-022.12 within the Tulare Lake Hydrologic Region (see Figure 1-1), is part of the San Joaquin Valley Groundwater Basin. Five GSAs manage the Subbasin: Mid-Kings River GSA, South Fork Kings GSA, Southwest Kings GSA, El Rico GSA, and Tri-County Water Authority. These GSAs jointly adopted and submitted the initial GSP in January 2020 and revised it in July 2022 to comply with SGMA.

The Subbasin spans primarily across Kings County, with portions extending into Tulare and Kern Counties. Land use within the Subbasin is predominantly agricultural, supporting a range of crops including field crops, grains, hay, pasture, citrus, and deciduous fruits and nuts, along with urban areas in incorporated cities. Key cities within the Subbasin include Hanford and Home Garden under Mid-Kings River GSA, Lemoore and Armona under South Fork Kings GSA, Kettleman City under Southwest Kings GSA, and Corcoran under El Rico GSA. Tri-County Water Authority does not oversee entities providing direct water supply services to specific communities. Figure 1-2 illustrates the geographic distribution of the GSAs and their respective management areas within the Subbasin.

Groundwater infrastructure is concentrated in the northern portion of the Tulare Lake Subbasin, where extensive well networks support agricultural, domestic, and municipal demands, particularly in areas reliant on groundwater due to limited surface water availability. In contrast, the southern half, encompassing the historic Tulare Lakebed, primarily functions as surface water storage during flood years, with expansive areas either fallowed or reserved for cattle grazing during dry years and due to salt flats, that cover the area and the large portions that have been de-designated. Due to historically high groundwater levels, fine-grained lacustrine deposits, and the availability of surface water deliveries, reliance on groundwater pumping in the southern portion is significantly lower than in the north.

1.2 Updates/Changes to the Groundwater Sustainability Plan

In 2024, each GSA in the Tulare Lake Subbasin initiated the development of its own GSP. These efforts are currently underway, with the GSAs working to enhance their plans and address key deficiencies identified in the previously submitted GSPs. These revisions incorporate refinements tailored to each GSA's management area and focus on the following critical areas:

- **Refinement of Sustainable Management Criteria (SMC):** Updates to SMCs ensure the long-term sustainability of groundwater resources by incorporating the latest scientific research, improved datasets, and stakeholder input. These refinements enhance the effectiveness of minimum thresholds, measurable objectives, and undesirable result definitions.
- **Comprehensive Monitoring of Water Levels:** Enhancements to monitoring networks include the installation of transducers, refinement of well construction data, and expanded coverage across aquifer zones. These improvements provide real-time groundwater level tracking, supporting adaptive management and timely decision-making.
- **Comprehensive Monitoring of Water Quality:** Implementation of enhanced groundwater quality monitoring protocols to assess trends, identify potential impacts from groundwater extraction, and support mitigation efforts. These updates ensure safe and reliable water quality for all beneficial uses, aligning with regulatory requirements and sustainability goals.
- **Land Subsidence Mitigation Strategies:** Targeted reductions in groundwater extractions from the confined C-Zone aquifer in high-risk areas, coupled with expanded groundwater recharge projects, are being implemented to mitigate land subsidence and promote aquifer recovery. These efforts aim to stabilize land surfaces and protect critical infrastructure.
- **Delineation of Management Areas for Targeted Action:** Establishment of clearly defined monitoring and management areas within each GSA's jurisdiction enables more effective mitigation strategies, tailored to the unique hydrogeologic conditions of each aquifer zone.
- **Development of a Well Records Database and Well Registry Program:** A comprehensive well records database and mandatory well registry system have been

established to consolidate data on all active and inactive wells while tracking groundwater extraction activities. This centralized repository improves groundwater accounting, prevents over-extraction, supports equitable resource distribution, and enhances overall decision-making.

By integrating these efforts to address deficiencies in the Tulare Lake Subbasin's groundwater management framework, the GSAs are better equipped to balance the needs of agricultural, municipal, and environmental stakeholders while safeguarding the region's groundwater resources for future generations.

1.3 Groundwater Use

The regional water demands are met by surface water deliveries and the freshwater aquifer that underlies the Subbasin. Groundwater is extracted for beneficial use from three aquifer zones. This categorization is as follows:

- A-zone Aquifer: A shallow, unconfined, perched aquifer, bounded by the A-Clay.
- B-zone Aquifer: The upper unconfined aquifer.
- C-zone Aquifer: The lower confined aquifer, situated below the E-Clay.

Based on the 1995 estimates provided by the DWR (DWR 2016b), the total groundwater storage capacity of the Subbasin is estimated to be around 17.1 million acre-feet (AF) up to a depth of 300 feet, and 82.5 million AF up to the base of fresh groundwater.

The Subbasin does not believe a surface water to groundwater interconnection exists as the connection was severed many decades ago (Owen et al. 2019). The Subbasin will continue to review and consider information as it becomes available.

The Subbasin is situated approximately 85 miles east of the coastline and east of the coast ranges. Given the distance and geologic structure between the coastline and the Subbasin, sea water intrusion is not a concern and will not be monitored.

For additional clarification or information on the basin setting or plan area, please refer to the GSP. As acknowledged by the DWR and SWRCB, it is important to note that there are still some data gaps and missing information as the GSAs continue to gather information for improved analysis and management of the Subbasin's groundwater resources. Details for addressing data gaps and improving analysis are provided in Section 4.

2. GROUNDWATER MONITORING

Legal Requirements: §356.2(b) A detailed description and graphical representation of the following conditions of the basin managed by the Plan: (1) Groundwater elevation data from monitoring wells in the monitoring network shall be analyzed and displayed as follows: (A) Groundwater elevation contour maps for each principal aquifer in the basin illustrating, at a minimum, the seasonal high and seasonal low

Regulations require the annual report to include descriptions and graphs of groundwater elevation data from the monitoring wells established through the GSP. This chapter presents the Tulare Lake Subbasin groundwater elevation data for WY 2023 and 2024.

2.1 Tulare Lake Subbasin Monitoring Network

§356.2(b) (1) (A) Groundwater elevation contour maps for each principal aquifer in the basin illustrating, at a minimum, the seasonal high and seasonal low groundwater conditions.
§356.2(b) (1) (B) Hydrographs of groundwater elevations and water year type using historical data to the greatest extent available, including from January 1, 2015, to current reporting year.

Groundwater monitoring is a critical component of managing and sustaining water resources in the Tulare Lake Subbasin. The Groundwater Level Monitoring Network is managed through RMS wells, originally established in the 2020 GSP. Updates to the network have been documented in the 2022 GSP, subsequent annual reports, and will be further developed in the new GSPs for each of the five GSAs.

As of the latest update, the RMS network includes 57 active wells out of a total of 61 reported for the Subbasin, with an additional 16 wells under evaluation for potential inclusion. These evaluations consider historical data availability and well accessibility to enhance network reliability.

Appendix A, Table A-1 contains groundwater level data for the monitoring network wells for Spring and Fall of WY 2023 and 2024. Changes to the RMS network, including additions and removals due to well destruction or inaccessibility, are detailed in Appendix A, Table A-1 in accordance with DWR guidance (DWR, 2016). Table A-1 lists the locations of all wells, which are also depicted in Figure 2-1.

Groundwater elevations were referenced to feet above mean sea level using the North American Vertical Datum of 1988 (NAVD 88). Data from CASGEM, as well as groundwater level data from outside the Subbasin, were incorporated to improve contour accuracy.

2.1.1 Groundwater Elevation Contour Maps

Contour maps for each aquifer zone are provided in Appendix A2. Previously generated groundwater elevation contour maps for 2018 through Fall 2023 are available in prior annual reports. These maps were developed using available groundwater level data. Additional groundwater elevation contour maps, incorporating private well data, were also provided by Kings County Water District (see Appendix A2, Figures A2-4 and A2-5).

Overall, groundwater levels in Fall 2024 remained stable or showed slight improvement compared to Fall 2023, likely due to carryover from WY 2023, above-average precipitation, and average surface water deliveries. Groundwater flow directions remain consistent with historical trends (Williamson, Prudic, & Swain, 1989).

Seasonal groundwater level fluctuations follow established trends, with seasonal highs occurring in Spring after winter precipitation and reduced pumping, and seasonal lows in Fall following increased summer irrigation pumping. The contour maps were developed using a methodology consistent with the GSP. Groundwater elevations from wells were plotted for Spring and Fall using GIS software, and contours were generated using Kriging spatial interpolation. Contours were reviewed for consistency, and anomalous data points were excluded. Wells with significantly different water levels, potentially influenced by shallow groundwater conditions or localized geological effects, were omitted.

2.1.1.1 Unconfined Aquifer Contours

The seasonal low groundwater elevation contour maps for the A-Zone Aquifer were generated for Fall 2023 and Fall 2024 (Appendix A2, Figures A2-1a and A2-1c). These maps illustrate that in Fall 2024, groundwater generally moves from natural recharge areas along the Kings River at the northern boundary of the Subbasin toward regions with lower water levels in the southwest. In contrast, the seasonal high groundwater elevation contour map for the A-Zone Aquifer, created for Spring 2024 (Appendix A2, Figure A2-1b), reveals that groundwater elevations are typically higher near the Kings River, with flow directed southwest toward areas of lower elevation consistent with previous annual reports.

Similarly, the seasonal low groundwater elevation contour maps for the B-Zone Aquifer were developed for Spring 2024 and Fall 2024 (Appendix A, Figures A3-2a and A3-2b). The Fall 2024 maps show higher groundwater elevations in the northern half of the Subbasin near the Kings River, with groundwater flowing east toward areas of lower elevation in the east-central portion of the Subbasin. The seasonal high groundwater elevation contour map for the B-Zone Aquifer, generated for Spring 2024 (Appendix A2, Figure A2-2b), mirrors the patterns observed in Fall 2023 and Fall 2024. It indicates higher groundwater elevations near the Kings River, with flow directed east toward lower elevation areas in the east-central Subbasin.

The groundwater elevation contours for the B-Zone Aquifer consistently display a persistent pattern of low groundwater elevations in the eastern portion of the Subbasin. This is likely attributable to ongoing pumping activities in that region. Despite the anticipated rebound observed in the Spring 2024 data, significant recovery was not evident in the eastern areas. However, a notable increase of 20 to 40 feet in water levels was observed in other regions, underscoring the localized impact of pumping on groundwater levels and highlighting the need for targeted management strategies.

Overall, the contour maps for both the A-Zone and B-Zone Aquifers demonstrate the dynamic nature of groundwater flow within the Tulare Lake Subbasin. Seasonal variations, influenced by factors such as precipitation and pumping activities, result in fluctuating groundwater levels. The observed trends emphasize the importance of continuous monitoring and adaptive management to ensure sustainable groundwater resources in the region.

2.1.1.2 Confined Aquifer Contours

The seasonal low groundwater elevation contour maps for the C-Zone Aquifer were generated for Fall 2023 and Fall 2024 (Appendix A2, Figures A2-3a and A2-3c). In Fall 2024, these maps illustrate groundwater movement from the northern boundary of the Subbasin toward areas with lower water levels in the southern portion. Additionally, the seasonal high groundwater elevation contour map for the C-Zone Aquifer, developed for Spring 2024 (Appendix A2, Figure A2-3b), demonstrates higher groundwater elevations near the Kings River, with groundwater flowing southward toward regions of lower elevations. These contour patterns reflect the seasonal dynamics of groundwater recharge from the Kings River and the influence of pumping activities within the Subbasin.

2.1.2 Groundwater Elevation Hydrographs

Hydrographs for monitoring network wells are provided in Appendix A3. These hydrographs display groundwater level trends through 2024, including the assigned MOs and MTs. Each hydrograph is labeled with the corresponding local well name, groundwater elevation, and depth to groundwater.

Hydrographs were prepared for each RMS well using the available groundwater level measurements. The groundwater elevation and depth-to-water data presented in the hydrographs are also tabulated in Appendix A, Table A-1.

DWR recommends a hydrograph figure format that includes well completion data and a map location of the well, as presented in the SGMA Data Viewer. This format has been adopted for the annual report.

Since 2015, groundwater levels have generally declined due to prolonged drought conditions, reaching some of the lowest recorded levels. Following dry conditions that began in WY 2019, WY 2023 was a very wet year, leading to groundwater level recovery in most wells. WY 2024 was an average water year, but carryover from WY 2023 contributed to groundwater level stabilization.

3. WATER SUPPLY ACCOUNTING

3.1 Surface water Supply

§356.2(b) A detailed description and graphical representation of the following conditions of the basin managed by the Plan:

(3) Surface water supply used or available for use, for groundwater recharge, or in-lieu use shall be reported based on quantitative data that describes the annual volume and sources for the preceding water year.

Surface water comes from a variety of sources as listed in Table 3-1. On average, the Kings River provides the largest source of surface water to the Subbasin followed by the State Water Project (SWP). SWP water includes both state and federal water transferred through the California Aqueduct. In wet years, the Subbasin can also receive surface water deliveries from Deer Creek, White River, Poso Creek, the Kern River, and Central Valley Project (CVP) water. For the purposes of this report, groundwater extracted outside the Subbasin but utilized within the Subbasin is treated as a surface water delivery for the purpose of calculating groundwater pumping within the Subbasin.

Table 3-1: Surface Water Supplies and Water Year Types

Water Year	Water Year Type	Surface Water Source (Acre-Feet)								Total:
		Kings River	Kaweah River	Tule River	Deer Creek	Poso Creek	SWP	CVP	Imported	
WY15	Dry	54,074	0	0	0	0	16,698	0	71,956	142,728
WY16	Dry	195,642	356	0	0	0	13,909	0	84,439	294,346
WY17	Wet	504,934	44,063	73,456	22,452	16,334	28,216	0	54,704	744,159
WY18	Normal	316,536	0	2,923	5,006	727	73,793	0	59,119	458,104
WY19	Wet	418,544	21,939	13,615	8,199	902	41,592	0	21,730	526,521
WY20	Dry	212,594	0	0	0	0	45,190	0	57,478	315,262
WY21	Dry	66,866	0	0	0	0	41,212	0	48,776	156,854
WY22	Dry	113,117	0	1,682	0	0	21,010	0	68,649	204,458
WY2023	Wet	581,640	365,342	194,224	22,350	13,131	28,667	0	33,883	1,239,237
WY2024	Normal	374,722	0	19,096	0	0	20,343	0	8,460	422,621
Averages:		283,867	43,170	30,500	5,801	3,109	33,063	0	53,919	450,429

Notes: Surface Water Delivery includes a conveyance efficiency correction to account for on-farm surface water delivery. Seepage losses are assumed to occur between the headgates of these sources and the farm turnouts. Conveyance efficiency is incorporated into the farm demand calculations described in the GSP Appendix D, Section D2-3.

WY: water year.

SWP: State Water Project.

CVP: Central Valley Project.

Surface water supplies for WY2024 were provided by the GSAs and various water agencies, irrigation districts, or private mutual water companies. Surface water supplies within the Subbasin are directly measured with flumes or weirs with an accuracy consistent with reporting requirements.

Surface water deliveries are mainly calculated using measurements taken at the main headgates. However, there is often seepage loss during conveyance along unlined canals, and this is usually not measured. To account for this unmeasured seepage loss, an 85% conveyance efficiency is applied to diversions that do not report seepage. The conveyance efficiency adjustment was not applied to canals that are known to be concrete-lined. The Southwest Kings GSA area had a 90% conveyance efficiency adjustment applied due to the regional clay rich lithology. Acquired and estimated seepage as well as recovery volumes are accounted for in the surface water deliveries presented in Table 3-1.

The SWP has several contractors within the Subbasin. Entities that received SWP water deliveries for WY 2024 include Tulare Lake Basin Water Storage District (El Rico GSA), and Dudley Ridge Water District (Southwest Kings GSA).

Imported groundwater supplies can be delivered via canals from the adjacent Tule and Tulare Lake Subbasins (2022 GSP). Imported water for WY 2024 was pumped from the multiple sources including the Angiola Water District and Creighton Ranch well fields and was delivered to Southwest Kings and El Rico GSAs.

3.2 Water Year Classification

As defined by the GSP, WY 2024 is classified as an “average” water year. The classification is based on the KRWA diversion index, which categorizes water years in the Subbasin as:

- **Dry:** KRWA diversions < 75% of average
- **Normal:** KRWA diversions between 75% and 125% of average
- **Wet:** KRWA diversions > 125% of average

This index is used due to the Subbasin’s significant reliance on surface water deliveries from the Kings River. The base period for defining normal hydrology spans 1998 to 2010 and aligns with 50-year historical averages.

Water year classification is directly linked to groundwater pumping trends, as wet years historically result in lower groundwater pumping totals, while dry years typically require increased groundwater use.

The KRWA diversion classification differs from the SWRCB water year type classification:

- The **KRWA index** is based on actual surface water diversions.
- The **SWRCB classification** is based on unimpaired runoff from other basins and follows a five-tier system.

Because the Subbasin is significantly reliant on Kings River diversions, the KRWA index is used to define the water year type. Table 3-1 provides the classification for each year since 2015, illustrating trends in water availability and groundwater reliance.

3.2.1 Precipitation

During WY 2024 the Hanford Weather Station recorded 8.68 inches of precipitation, approximately 82% higher than the historic average water year precipitation within the Subbasin. The historic average water year precipitation (8.28 inches/year) presented in the GSP (page 3-3) was calculated from the total water year precipitation recorded by the Hanford Weather Station over a 118-year period from water years 1900 to 2018. Precipitation across the Subbasin typically decreases from northeast to southwest, due to the rain shadow effect from the adjacent coast ranges. This amount of effective precipitation equates to approximately 354,973 AF across the entire Subbasin and is used to estimate total agricultural water use within the Subbasin.

3.2.2 Lake Bottom Storage

Between December 2022 and April 2023, historically high rainfall and snowmelt resulted in significant flooding in the Subbasin, with approximately 78,000 acres of farmland inundated in the historic Tulare Lakebed area (NASA Earth Observatory, 2023). A distinctive feature of the Subbasin is its ability to capture and store excess surface water in the Lakebed, which can supplement surface water allocations and reduce reliance on groundwater extraction.

In WY 2023, an integrated management approach facilitated the deliberate inundation of specific fields, capturing a peak stored volume of 458,000 AF within the El Rico GSA management zone. This stored water allowed farmers in the Lakebed area to avoid groundwater extraction at the beginning of calendar year 2023.

In WY 2024, carryover surface water from WY 2023 continued to be used, further reducing the need for groundwater pumping. The availability of this stored water supported irrigation demands, delaying or eliminating the need for groundwater extraction in some areas. A similar scenario occurred from January 1995 to June 1999, as documented in the 2022 GSP's Appendix D, Table D2-4.

3.3 Groundwater Extractions

§356.2(b) A detailed description and graphical representation of the following conditions of the basin managed by the Plan:

(2) Groundwater extraction for the preceding water year. Data shall be collected using the best available measurement methods and shall be presented in a table that summarizes groundwater extractions by water use sector and identifies the method of measurement (direct or estimate) and accuracy of measurements, and a map that illustrates the general location and volume of groundwater extractions.

Groundwater extraction by sector across the Subbasin is summarized below on Table 3-2 and visually represented by sector on Figure 3-1. Table 3-2 reports groundwater extraction by calendar year for years 2015 through 2019, and by water year since 2020. Methods for how these groundwater volumes were calculated are described below.

Table 3-2: Groundwater Extraction by Sector

Groundwater Extraction by Sector (Acre-Feet)				
Year	Agricultural	Urban	Other	Total
CY 2015	502,745	23,765	8,400	534,910
CY 2016	405,747	23,152	8,400	437,299
CY 2017	132,418	24,192	9,500	166,110
CY 2018	677,695	26,240	9,500	713,435
CY 2019	444,319	26,571	9,500	480,390
WY 2020	339,474	27,118	8,701	375,293
WY 2021	617,161	27,105	8,221	652,488
WY 2022	516,716	24,160	8,190	549,066
WY 2023	183,491	22,342	8,030	213,863
WY 2024	322,942	24,031	8,032	355,005
Average	439,913	28,868	8,716	447,786

CY: calendar year

WY: water year

3.3.1 Agricultural Groundwater Use

Most agricultural wells in the Subbasin are either unmetered or do not have reported pumping volumes from landowners. As a result, agricultural groundwater extraction is estimated using remote sensing data. Satellite-based data is processed to estimate total agricultural water use by integrating monthly cropping data, evapotranspiration (ET) coefficients, irrigation efficiencies, effective precipitation, and recorded surface water deliveries throughout the water year.

The equations presented in Appendix D of the GSP (Appendix D, page 26) are used to estimate agricultural groundwater extraction in the Subbasin. However, it is important to note that ET-based methods for estimating agricultural groundwater pumping do not account for water use associated with livestock feeding and dairies. Additionally, these methods do not differentiate which aquifer groundwater is extracted from.

Step 1: Determine cropping pattern.

Spatial agricultural cropping data for the Subbasin was primarily obtained from LandIQ satellite imagery, which classified and quantified crop acreage across most of the Subbasin, except for El Rico GSA, which provided its own cropping information and does not utilize LandIQ services. Appendix C of the GSP includes historical and current land use and cropping data, with total acreage for each crop type summarized across the entire Subbasin and by GSA. LandIQ data, first utilized in the WY 2020 Annual Report, continues to provide a detailed analysis of land use trends in the Subbasin.

During WY 2024, the total acreage of land in active agricultural production increased compared to WY 2023 (see Appendix B for details). This increase is primarily due to the draining of floodwaters and the use of stored water in the Lake Bottom area, where excess water had persisted from January 2023 through the beginning of WY 2024. As fields previously inundated by flooding became available for cultivation, agricultural production expanded, contributing to the observed increase in cropped acreage.

Step 2: Determine total crop demand.

Total crop demand for the four GSAs was estimated using LandIQ's monthly measured evapotranspiration (ETa) data, which is provided as a series of raster datasets at approximately 10-meter-by-10-meter resolution across the Subbasin. ETa raster data were overlain with a shapefile of known agricultural parcels, and a spatially weighted average ETa value was calculated for each parcel. LandIQ derives ETa from satellite-based remote sensing calibrated against in-situ climate station measurements (LandIQ, 2024). Fallow land was excluded from the total crop demand calculation since it is not irrigated.

For the El Rico GSA, crop demand was not based on LandIQ but instead calculated using crop-specific evapotranspiration coefficients (ETc) from the Cal Poly Irrigation Training and Research Center (ITRC). The ETc values used are listed in GSP Appendix D, Table D2-5, and are based on ITRC-published ETc rates. El Rico provided ETc values for five crops (sorghum, safflower, pistachio, triticale, and pomegranates) that differed from those in the GSP and ITRC datasets. These values, which represent measured crop ETc, are also listed in Appendix C of this report.

Effective precipitation for each parcel was subtracted from the crop ETc. Effective precipitation was estimated using PRISM precipitation data multiplied by effective precipitation ratios, as described in the Subbasin GSP (GSP page 3-38; Brouwer and Heibloem 1985, Chapter 3, Table 6; PRISM Climate Group, Oregon State University). To maintain consistency, PRISM precipitation values were used for all GSAs instead of LandIQ precipitation data.

Total crop demand was calculated using the following equation:

$$Total\ Crop\ Demand\ \left(\frac{AF}{M}\right) = Crop\ Acreage\ (Acres) * \left(Crop\ ETc\ \left(\frac{ft}{M}\right) - Effective\ Precipitation\ \left(\frac{ft}{M}\right) \right)$$

Where:

- M = month.
- AF = acre-feet.
- ft = feet.

The irrigation efficiencies used in the Subbasin groundwater model assumed an 85% irrigation efficiency for the Subbasin with a 95% irrigation efficiency for the Lake Bottom Area (also referred to as Lakebed) as discussed in the Subbasin Groundwater Model Report (GSP Appendix D, page 26). The Farm Demand equation is, therefore, as follows:

$$\text{Farm Demand} \left(\frac{AF}{M} \right) = \frac{\text{Total Crop Demand} \left(\frac{AF}{M} \right)}{\text{Irrigation Efficiency (\%)}}$$

Step 3: Calculate Un-met Demand.

The term “un-met demand” is used in the GSP to describe Farm Demand that is met by groundwater pumping. It is determined by subtracting farm-level surface water deliveries from Farm Demand, as shown in the equation below (GSP, page 3-44).

$$\text{Un – Met Demand} \left(\frac{AF}{M} \right) = \text{Farm Demand} \left(\frac{AF}{M} \right) - \text{Surface Water Deliveries} \left(\frac{AF}{M} \right)$$

Data on surface water deliveries were provided by the GSAs and affiliated water agencies. Details of surface water deliveries are provided in Section 3.2. Excluding the El Rico GSA, which benefitted from lake bottom storage during WY2023, the un-met demand calculated in Step 3 provides the agricultural pumping estimate for four of the five GSAs (Mid-Kings River GSA, South Fork Kings GSA, Southwest Kings GSA, and Tri-County Water Authority GSA). The final step in the El Rico agricultural pumping estimate is provided below in Step 4.

Step 4: Apply Special Adjustment for Lake Bottom Water Storage.

In some years, sufficient water can be stored in the lake bottom to eliminate the need for supplemental groundwater pumping to meet the irrigation demand. Farming practices in the southern portion of the El Rico GSA (commonly referred to as the “Lake Bottom” or “Lakebed”) differ from the rest of the subbasin. During “wet” years, flood water and return flows are diverted for storage in the Lake Bottom area and are then used for irrigation throughout the year. The Lake Bottom storage is treated as an additional surface water supply for El Rico GSA (GSP Appendix D, page 26), and this step only applies to El Rico GSA’s estimated total agricultural pumping volume. WY2023 was a “wet” year and El Rico GSA observed Lakebed storage. Therefore, additional adjustment was needed to calculate groundwater pumping in El Rico GSA. To adjust for Lake Bottom Water Storage the following additional step was included in the calculation:

$$\begin{aligned} \text{Agricultural Pumping Demand} \left(\frac{AF}{M} \right) \\ = \text{Un – Met Demand} \left(\frac{AF}{M} \right) - \text{Return Flows} \left(\frac{AF}{M} \right) - \text{Lake Bottom Water Storage} \left(\frac{AF}{M} \right) \end{aligned}$$

Where:

- Return Flows = recycled unused surface water.
- Lake Bottom Water Storage = surface water deliveries or flood waters stored in reservoirs or storage cells.

From early January 2023 and onward, virtually no groundwater pumping occurred for most of the lands in El Rico GSA south of Nevada Avenue. Crop demand in this area is assumed to have been met primarily by diversions from lakebed storage. This remains true for the Water Year 2024 Annual Report, as significant carryover storage was available at the start of the 2024 calendar year, and little to no groundwater pumping took place in the southern two-thirds of El Rico.

In WY 2023, widespread flooding created challenges in estimating agricultural pumping from Land IQ data in certain areas. As a result, agricultural pumping for El Rico GSA was reported based on totalizer values. In contrast, WY 2024 did not experience flooding, resulting in more typical groundwater use patterns. Consequently, Land IQ ET-based estimates of agricultural pumping were more reliable for WY 2024. Detailed agricultural pumping estimates can be found in Table 3-3.

3.3.2 Urban Groundwater Use

Municipalities and member agencies reported measured extracted groundwater volumes for WY 2024 which included the City of Lemoore, City of Corcoran, Stratford Public Utilities District, and Kettleman City Community Services District (CSD). As originally stated in the WY 2022 Annual Report, Kettleman City CSD no longer relies on groundwater and primarily uses surface water received from the California Aqueduct when available. The Subbasin will report in a future annual report if Kettleman City CSD returns to utilizing groundwater supplies. Armona CSD, which has regularly reported in previous water years, did not provide data for WY 2023 or WY 2024.

3.3.3 Other Groundwater Use

Domestic water use that occurred outside the areas of municipal service are categorized as “Other” to differentiate from metered urban supply. Rural domestic water use is generally de minimis and not reported. Therefore, an estimate was developed based on population and typical per capita demand. The source of all rural domestic water use was assumed to be extracted groundwater.

To estimate the Subbasin’s “Other” water-use category, the following steps were performed.

Step 1: Find “Other” population.

Chapter 2 of the GSP provides the Subbasin population for 2010 and projected population for 2030. The population for WY 2024 is obtained by interpolating the values between the 2010 population and the population projected to persist in 2030. Thereafter, the population for the Subbasin’s municipalities and communities were then searched using the United States Census Bureau’s American Community Survey 5-Year Data, which falls between 2009 to 2020. This total is subtracted from the interpolated Subbasin population. The municipalities/communities searched are listed under the Urban Groundwater Use Section above.

Step 2: Apply typical per capita demand.

An assumed 179 gallons per capita annual demand was multiplied by the “Other” population value and then converted to acre-feet. This assumed value was taken from the Public Policy Institute of California’s Water and the Future of the San Joaquin Valley February 2019 report, which notes urban water use within the 2017 drought period.

3.3.4 Discussion of Water Use Measurements

The accuracy of measured and estimated surface water supplies is determined based on confidence intervals for water budgets as outlined by the Cal Poly Irrigation Training and Research Center (1999). For agricultural and urban uses, surface water diversions are measured using flumes or weirs, with an accuracy of approximately +/- 5%. Surface water used for

intentional recharge is based on deliveries to recharge basins or Flood MAR activities. Some of these basins are metered, also with an accuracy of around +/- 5%. However, some recharge deliveries are not metered and are instead estimated based on deliveries to metered basins or field staff observations, with an overall accuracy estimated at +/- 25%. Consequently, the overall accuracy for intentional recharge deliveries is estimated at +/- 15%.

The SWRCB planned to implement the Groundwater Extraction and Reporting System (GEARS) for the Tulare Lake Subbasin on July 15, 2024. The program would require groundwater extractors (excluding de minimis users) to measure and report usage, with large extractors (over 500 acre-feet annually) needing flow meters or approved alternatives. However, due to ongoing litigation, GEARS has not yet gone into effect.

3.4 Total Water Use

§356.2(b) A detailed description and graphical representation of the following conditions of the basin managed by the Plan:

(4) Total water use shall be collected using the best available measurement methods and shall be reported in a table that summarizes total water use by sector, water source type, and identifies the method of measurement (direct or estimate) and accuracy of measurements. Existing water use data from the most recent Urban Water Management Plans or Agricultural Water Management Plans within the basin may be used, as long as the data are reported by water year.

Total water use across the three major sectors in the subbasin during WY 2024 is reported in Table 3-3. For reporting purposes, applicational water use within the Subbasin has been categorized into three sectors: Agricultural, Urban and Other. The following is a brief description of these sectors:

- **Agricultural Sector:** Waters supplying agricultural purposes such as irrigated crop and dairy uses. Agricultural water can be sourced from surface water and groundwater.
- **Urban Sector:** Waters used within the municipalities and special districts within the Subbasin.
- **Other Sector:** Waters used outside of municipal service areas typically considered rural domestic areas.
- **Recharge:** Surface water diverted for managed aquifer recharge. Managed recharge only includes intentional recharge.

Water use from 2015-2019 in Table 3-3 is calendar-year based. Starting with the WY 2020 Annual Report, the Subbasin reports on a water-year basis. WY 2024 values cover October 1, 2023, to September 30, 2024. Total agricultural water use includes captured floodwaters and is calculated by subtracting surface water deliveries and agricultural groundwater pumping from the effective precipitation across the Subbasin, estimated at 354,973 AF (see Section 3.2.1).

Table 3-3: Total Water Use by Sector

Year	Total Water Use by Sector (AF)				
	Agriculture	Urban	Other	Recharge ¹	Total
CY 2015	705,300	23,765	8,400	--	737,465
CY 2016	788,500	23,152	8,400	--	820,052
CY 2017	1,101,800	24,192	9,500	--	1,135,492
CY 2018	1,063,500	26,420	9,500	--	1,099,420
CY 2019	1,138,400	26,571	9,500	--	1,174,471
WY 2020	738,708	27,118	8,701	--	774,527
WY 2021	846,110	27,105	8,221	--	881,436
WY 2022	818,965	24,160	8,190	--	851,315
WY 2023	1,444,930	22,342	8,030	265,170	1,740,472
WY 2024	1,100,536	24,031	8,032	16,999	1,149,728
Average	974,675	24,886	8,647	141,085	1,036,438

WY : Water Year

¹ : Historical data to be provided in future reports

CY : Calendar Year

-- : Historical data gathering in process

3.5 Groundwater Storage

§356.2(b) (5) (A) Change in groundwater in storage maps for each principal aquifer in the basin.

§356.2(b) (5) (B) A graph depicting water year type, groundwater use, the annual change in groundwater in storage, and the cumulative change in groundwater for the basin based on historical data to the greatest extent available, including from January 1, 2015, to the current reporting year.

The annual change in groundwater storage was calculated separately for each of the three aquifer zones (A-, B-, and C-Zones) underlying the Subbasin. The total annual storage change was then determined by summing the storage changes across all three zones. Table 3-4 presents the total change in storage for each water year since 2016, while Figure 3-2 graphically displays cumulative storage change, annual storage changes by aquifer, and total pumping by WY.

Table 3-4: Storage Change within the Subbasin—Historical and Current

Change in Storage (AF)				
Water Year (WY)	Annual GW Storage CHG (AF)	CML CHG in GW Storage (AF)	Total GW Pumping (AF)	CML GW Pumping (AF)
WY 2015	baseline	baseline	-534,910	baseline
WY 2016	-200,965	-200,965	-437,299	-534,910
WY 2017	91,703	-109,262	-166,100	-972,209
WY 2018	-174,803	-284,065	-713,615	-1,138,309
WY 2019	-13,838	-297,904	-480,390	-1,851,924
WY 2020	-128,781	-426,684	-375,293	-2,332,314
WY 2021	-206,939	-633,623	-652,488	-2,707,607
WY 2022	-187,665	-821,289	-549,066	-3,256,673
WY 2023	131,719	-689,570	-213,863	-3,470,536
WY 2024	-28,755	-718,325	-355,005	-3,825,541

Storage volumes have been updated from the WY 2022 Annual Report to report annual storage change based on fall measurements. Storage change is listed under the ending year evaluated.

CHG: change.

CML: cumulative.

GW: groundwater.

Unlike annual reports submitted before WY 2023, which estimated storage change using spring water level measurements, the Subbasin now relies on fall measurements between water years. This approach provides a clearer picture of post-peak water use impacts by capturing groundwater levels after the main irrigation season. Additionally, it offers insight into groundwater conditions before the start of a new water year. The fall-to-fall method measures inter-annual storage change, with its accuracy dependent on the quality of groundwater elevation data collected at RMS wells and land subsidence data. The subsidence data, which covers most of the Subbasin, is derived from satellite-based InSAR measurements, as detailed in the following sections.

3.5.1 Groundwater Storage Change Calculation for Aquifer Zones A and B

Maps showing the interpolated differences in groundwater elevation used for storage change calculations for the unconfined perched and upper aquifers (A-Zone and B-Zone) are presented in Figures 3-3a and 3-3b.

Groundwater storage change for the A-Zone and B-Zone aquifers was estimated using a three-step process:

1. **Groundwater Level Change:** The change in groundwater elevation at each RMS well was determined by comparing fall measurements from the reporting year to those from the prior year.
2. **Spatial Interpolation:** Differences in groundwater elevation at RMS wells were interpolated using a kriging algorithm in GIS software to develop a spatial representation of groundwater level changes.
3. **Storage Change Estimation:** Interpolated groundwater level changes were multiplied by the specific yield assigned to each aquifer to estimate total storage change using the following equation:

Change in Groundwater Storage

$$= (\text{Current Year Seasonal High Groundwater Levels} - \text{Previous Year Seasonal High Groundwater Levels}) * \text{Specific Yield}$$

Specific yield values were selected based on ranges provided in the Subbasin GSP and hydrogeologic literature. For the A-Zone, a specific yield of 7% was applied, aligning with reported values of 10% to 28% for fine sand and within the GSP-referenced range of 1% to 30% for unconfined aquifers. For the B-Zone, a specific yield of 2% was used, based on the median value in the GSP. However, specific yield may be higher in some areas, particularly within the Mid-Kings River GSA, where the average reported value is 8.5%. Despite this variability, a 2% specific yield is considered a reasonable representation for the entire Subbasin.

3.5.1.1 Annual Storage Change Results

Figures 3-2 and 3-3a-b present annual groundwater storage changes for the A-Zone and B-Zone, along with cumulative storage change and total pumping by water year. During the reporting year:

- **A-Zone storage decreased by 7,895 acre-feet.**
- **B-Zone storage increased by 1,584 acre-feet.**

3.5.1.2 A-Zone Dynamics and Recharge Considerations

The A-Zone is the shallowest perched aquifer in the Subbasin and receives significant recharge from unlined irrigation canals, particularly in the South Fork Kings and Mid-Kings River GSAs. Seepage from these canals contributes up to 15% of delivered surface water as recharge (see Appendix D in the 2022 GSP). Over 50% of A-Zone domestic wells are located within 1,000 feet of these canals, suggesting that many rely on canal seepage as a primary recharge

source. Additionally, recharge intended for the deeper B-Zone may be intercepted by A-Zone wells before reaching its target depth. As a result, groundwater contour maps and storage change estimates for the A-Zone may not fully represent actual water table and storage dynamics.

3.5.1.3 *Data Limitations and Coverage Expansion*

The accuracy of groundwater storage estimates is constrained by data availability. The analysis is limited to areas where fall groundwater level measurements are available for both the reporting year and the prior year, resulting in gaps in regions with minimal groundwater extraction and greater reliance on surface water. However, with each reporting year, data coverage continues to expand, improving representation in historically under-sampled areas such as the El Rico, Southwest Kings, and Tri-County Water Authority GSAs.

Storage volume calculations are also highly dependent on the assumed specific yield, as spatially averaged aquifer properties introduce uncertainty when combined with spatially variable water level changes. Future annual reports will incorporate groundwater model outputs to refine both inter-annual and in-year storage change estimates.

3.5.2 Groundwater Storage Change in the C-Zone Aquifer

Land subsidence data within the Subbasin, derived from InSAR measurements for the period between fall 2023 and fall 2024 (see Figure 3-3c), indicate compression occurring across multiple stratigraphic layers. The change in storage within the confined C-Zone aquifer is primarily influenced by the compressibility of confining layer sediments. Groundwater pumping from the confining layers induces compaction that is proportional to the volume of groundwater extracted. Prolonged low groundwater levels, often resulting from sustained pumping, can lead to the permanent compaction of aquitards. Persistent long-term declines in groundwater levels within the C-Zone have contributed to measurable land subsidence, primarily due to the compaction of the overlying confining layer.

The change in storage within the C-Zone aquifer from fall 2023 to fall 2024 was calculated based on the volume of water released due to aquitard compression, using the following equation:

$$V_w = A \Delta b$$

where:

- V_w is the volume of water released from storage (acre-feet),
- A is the affected surface area within the Tulare Lake Subbasin (acres), and
- Δb represents the change in aquitard thickness due to subsidence (feet).

The estimated change in storage for the C-Zone aquifer may be overstated if it is assumed that the expelled water originates solely from the C-Zone aquifer and its confining clay layers

(particularly the Corcoran Clay). As more information becomes available regarding the vertical distribution of compaction across the Subbasin, adjustments to the calculation may be necessary.

For the reporting year:

- **C-Zone storage change decreased by 22,444 acre-feet.**

The estimated change in storage within the C-Zone aquifer during the reporting period is provided in Figures 3-2 and 3-3c.

Accuracy:

Using aerially extensive subsidence data provides a higher level of accuracy for estimating storage change compared to relying on groundwater level data. This method also offers greater accuracy than the approach used for the A-Zone and B-Zone aquifers. However, subsidence data still contains time-lag inaccuracies, which may result in the underestimation or overestimation of storage loss each year, depending on trends from prior years.

Additionally, the estimated storage changes values do not account for inflows and outflows beyond the Subbasin boundaries. These influences will be reassessed during the upcoming 5-year GSP update to refine storage change calculations.

3.5.3 Total Groundwater Storage Change

As shown in Table 3-4 and Figure 3-2, the total estimated change in groundwater storage between Fall 2023 and fall 2024 was:

- **Decrease of -28,755 acre-feet.**

For comparison, WY 2023 the total estimated change in groundwater storage between Fall 2022 and Fall 2023 was:

- **Increase of 131,719 acre-feet.**

The cumulative storage change across all aquifer zones from 2015/2016 through 2024 is approximately:

- **-718,325 acre-feet.**

As detailed in Section 3.5, historical storage change values in Table 3-4 have been updated from previous annual reports to incorporate the new storage change method and additional RMS well data.

4. IMPLEMENTATION STATUS

4.1 GSP Status

On March 2, 2023, DWR determined the GSP for the Subbasin to be “inadequate,” triggering state intervention by the SWRCB under Water Code § 10735.2(a)(3). As a result, the SWRCB designated the Subbasin as probationary at a public hearing on April 16, 2024. Since that designation, the GSAs have been developing individual revised GSPs in coordination with the SWRCB, incorporating updated SMCs and other necessary revisions to address the deficiencies identified by DWR and SWRCB. These revised GSPs are nearing completion and remain on track for submission by mid-2025. The WY 2023 Annual Report marked the first implementation of the updated SMCs and proactive measures being developed for the 2025 GSPs, and this WY 2024 Annual Report builds upon that progress.

Concurrent with addressing the impacts of historic flooding in WY 2023, the GSAs prioritized the preparation of their individual revised GSPs. This effort involved extensive coordination to develop a comprehensive basin-wide approach while ensuring that each GSA’s revised GSP met the requirements set forth by DWR and the SWRCB. Given the prior development of a single, basin-wide GSP, the GSAs collaborated closely throughout the revision process.

Both the flood response and the GSP revisions required significant commitments from the GSAs and their member agencies. While not detailed below, it is important to recognize that all five GSAs actively participated in preparing their individual revised GSPs, which involved numerous meetings with State agencies and stakeholders to ensure compliance with SGMA and SWRCB directives.

4.2 Addressing Recommended Corrective Actions

Since the submittal of the original GSP, the Tulare Lake GSAs have been focused on addressing data gaps identified in their respective GSPs to enhance the understanding of Subbasin conditions and improve groundwater management. As each GSA prepares its own revised GSP in coordination with the other GSAs, priority data gaps are being evaluated to ensure a comprehensive and technically sound approach. The list below highlights key areas where action has been initiated since the GSPs were submitted, though it is not exhaustive.

The GSAs’ monitoring networks continue to collect data on groundwater levels, water quality, and subsidence to support sustainable groundwater management. Areas with insufficient monitoring coverage have been identified, and plans are being developed to improve data collection—particularly regarding aquifer designations and the identification of new or alternative wells to replace those that are unsuitable for long-term monitoring.

As part of the ongoing GSP revision process, the GSAs are continuing to assess their respective plan areas and will provide additional details on efforts to address the recommended corrective actions in the pending GSP updates. The following sections outline the GSAs’ planned actions to resolve deficiencies identified by DWR and the SWRCB, as discussed in Section 1.

4.2.1 Water Level Corrective Actions

Groundwater Recharge

Even during a “normal” water year, groundwater recharge activities continue to occur. Direct groundwater recharge in the MKRGSA was more than 4,960 AF with an additional 11,600 AF of losses from the canal systems with MKR. In the SFKGSA, it is estimated that more than 22,000 AF was recharged due to canal losses.

In addition, in-lieu recharge also occurred in the El Rico GSA. Approximately 14,900 AF of floodwater from WY 2023 in the old Tulare Lake area was pumped into holding ponds and utilized for agricultural production in 2024.

Monitoring Network: The Tulare Lake Subbasin GSAs are working to refine the location, construction information, and use of groundwater wells throughout the Subbasin to improve monitoring and groundwater management. The Subbasin successfully secured funding in Round 3 of the Prop 68 grant to conduct video logging of representative monitoring wells and install transducers. This effort aims to improve understanding of well construction details in key areas and assess the timing of groundwater level fluctuations across the Subbasin.

While significant progress has been made, well construction details remain a data gap in many parts of the Subbasin. The Tulare Lake GSAs are evaluating additional approaches to close this gap, as discussed in Section 4.3: Projects and Management Actions. Currently, the Subbasin has approximately 11 monitoring wells equipped with transducers, providing more consistent and frequent groundwater level measurements. Many of these wells are also being outfitted with water quality samplers to enhance the Subbasin’s water quality monitoring network.

Groundwater Model Update: The Tulare Lake Subbasin utilized SGMA Round 1 grant funds to develop an updated groundwater model that better reflects current hydrologic conditions. In late 2024, the Subbasin's consultants completed a revised MODFLOW groundwater model, which now incorporates a new subsidence package to account for land subsidence impacts on groundwater management.

The updated model integrates newly collected data since the 2020 GSP, including improved well location datasets, refined stratigraphic interpretations, pumping rates categorized by aquifer zone, and observed subsidence patterns. The GSAs are currently working to incorporate this updated groundwater model into their management framework to refine future groundwater sustainability planning efforts.

Well Registry: A comprehensive understanding of active wells across the Tulare Lake Subbasin is essential for effective groundwater management. While some GSAs have implemented well registry programs, the absence of a basin-wide, standardized requirement has resulted in a significant data gap.

A comparison of the Online System of Well Completion Reports (OSWCR) database with Kings County well permit data has demonstrated the need for a complete and more consistent well registry. Data on active domestic wells are limited and inconsistent. The GSAs, in coordination with local agencies and stakeholders, are preparing a comprehensive well registry as part of the 2025 GSP update to improve basin-wide well tracking and management.

Dry Wells: Publicly available data from DWR’s Dry Well Reporting System indicate that 100 wells within the Tulare Lake Subbasin have been reported as experiencing issues since 2015. Among these, 97 wells were reported as dry, two experienced well collapses, and one had a reported pump failure.

Reported dry wells range in total depth from 14 feet to 400 feet, reflecting varying levels of vulnerability across the Subbasin. The GSAs are integrating DWR’s Dry Well Database with the Tulare Lake Subbasin well database to correlate reported water supply issues with aquifer zone classifications and groundwater level trends. This effort will help the GSAs develop a more targeted approach to identifying beneficial users at greater risk of water supply issues and implementing proactive management strategies.

Native Yield Study: The Tulare Lake GSAs secured funding under the SGMA Implementation Grant to conduct a Native Yield Study—a critical initiative to refine the understanding of sustainable yield across the Subbasin.

This study aims to link hydrogeologic analyses of native groundwater recharge and sustainable yield to policy decisions and management actions. The goal is to develop a framework that allows for coordinated groundwater pumping allocations within each GSA while maintaining basin-wide sustainability. The study will establish mutually agreed-upon definitions for key hydrogeologic settings, sustainable yield estimates, and pumping allocation criteria.

The Native Yield Study is being conducted alongside other technical efforts supporting the 2025 GSP update, including:

- Refinements to the groundwater flow model
- Expanded well inventories
- Enhanced groundwater monitoring
- Consumptive use and pumping estimates
- Development of new Projects and Management Actions (PMAs)

By integrating these efforts, the Tulare Lake GSAs aim to strengthen the Subbasin’s long-term groundwater sustainability planning and compliance with SGMA.

4.2.2 Water Quality Corrective Actions

To address spatial data gaps across all three aquifer zones in the water quality monitoring network, the GSAs are working to expand sampling efforts by incorporating additional wells. The GSAs will coordinate with agencies such as the Regional Water Quality Control Board (RWQCB) and SWRCB’s Division of Drinking Water (DDW) to identify wells within data gap areas that are already being monitored through existing programs.

For identified wells that are sampled but do not currently include the constituents of concern (COCs), the GSAs will request that the missing COCs be added to future sampling events. If suitable wells cannot be identified through these programs, the GSAs will continue efforts to locate and sample existing domestic wells. These wells will be sampled annually for the

COCs to improve spatial coverage and ensure a more comprehensive assessment of groundwater quality trends in the Subbasin.

4.2.3 Land Subsidence Corrective Actions

Land subsidence monitoring is primarily informed by NASA InSAR land surface mapping. The Tulare Lake GSA consultants and staff are developing tools to track land subsidence across management zones by generating time-series charts of monthly subsidence rates.

- Correlation Analyses: Subsidence has been evaluated against multiple monitored conditions—including groundwater levels, groundwater storage changes, groundwater pumping volumes, and well failures—yet no strong correlations have been identified using available data. The lack of a clear correlation suggests that subsidence is influenced by a combination of factors, including heterogeneous aquifer properties, differential compaction, and time-lagged responses to groundwater extraction. Further refinement of subsidence monitoring tools and improved spatial and temporal resolution of groundwater pumping data are needed to better correlate subsidence (instantaneous, cumulative, and differential) with groundwater extraction patterns.
- Subsidence-Affected Zones: While it is understood that the majority of subsidence occurs below the Corcoran Clay due to the depressurization of fine-grained sediments, it remains unclear whether subsidence is concentrated within discrete clay lenses or occurs more broadly across an extensive stratigraphic interval. Additional high-resolution extensometer data is needed to determine which clay-rich zones are most susceptible to compaction and how they contribute to overall subsidence. Improved geotechnical characterization and stratigraphic correlation efforts could further refine the understanding of subsidence-prone zones.

Well Collapse: Well integrity concerns have been reported through the DWR Dry Well Reporting System, with a subset of entries indicating well collapses. Further investigation is needed to assess whether well collapses are directly related to subsidence-induced casing deformation or other structural failures. A targeted analysis of well construction records, casing depths, and geomechanical stress conditions in areas of high subsidence could help determine the extent to which land subsidence is compromising groundwater infrastructure and leading to the loss of beneficial use.

Flood Risk and Subsidence Impacts: Additional analysis is required to evaluate subsidence effects in the vicinity of flood channels, levees, and other surface water conveyance infrastructure. Differential subsidence may exacerbate flood risks by altering surface gradients, reducing flood channel capacity, or increasing seepage potential along levee systems. The above-average snowpack for Water Year 2023 presents an opportunity to assess flood extents and severity, which can then be compared to cumulative and differential subsidence patterns. High-resolution topographic surveys, hydrologic modeling, and targeted field inspections will be critical for understanding and mitigating the risks associated with subsidence-related infrastructure deformation.

4.3 Projects and Management Actions

Specific projects and management actions undertaken by each GSA to comply with SGMA are detailed in the following sections. These efforts aim to improve groundwater conditions and achieve SGMA's goals of long-term groundwater sustainability and resource management.

4.3.1 Mid-Kings River GSA

Progress towards GSP implementation by the Mid-Kings River GSA (MKRGSA) included the following activities.

Subbasin GSP, Section 7.2.1.2: New Basins

- Esajian Basin by Kings CWD (top priority project for MKRGSA)
 - Construction of the basin facility began in 2020 and completed in 2023. The new 80-acre recharge basin received water in April 2023.
- Some additional improvements were made to the Subbasin to armor the area around the inlets in WY 24. Griswold Basin by Kings CWD (next priority project for MKRGSA)
 - The design and permitting of the basin were completed in 2024.
 - Construction of the Basin began in 2024 and is expected to be completed in early 2025.
- New Basin Project Development
 - Several new recharge basin projects are currently in various stages of development. These projects are currently described as follows:
 - Last Chance Basin: KCWD is working with the Last Chance Water Ditch Company on property they own, which could potentially be developed into a recharge basin. The property is currently leased, and discussions are ongoing regarding future possibilities after the lease term.
- North Hanford Basin
 - There have been two locations being considered for this basin. Both are along Peoples Ditch.
 - KCWD has secured access to one site where a TowTEM geophysical investigation, conducted by Ramboll, was scheduled for March 2022. The property owner is open to selling the land for potential basin development. Historic documents have been reviewed to identify former sloughs that once traversed the property.
 - KCWD is just beginning discussions with the owner at the other site.
 - Two other potential locations are being identified.

Subbasin GSP, Section 7.2.1.2: System Improvements

- Everett Recharge Basin was put into service in 2022. The turnout facilities are functioning far more efficiently since the modifications and were used for flood management in January and February 2023 and is currently being used for recharge.
- Expansion of Existing Recharge Basins

- Cody Slough: The project is funded by SGM Implementation Round 1 grant, with the CEQA document and design underway and looking at potential temporary facilities.
 - Discussions have begun and are ongoing with the current landowner on the potential expansion of the Cody Slough.
 - Conceptual Design and Cost Estimates have been developed for the basin expansion, improved turnouts, and metering facilities.
 - The improved and expanded basin facilities were included in the SGM Round II Implementation Grant.
- Railsback Basin is receiving improvements through grant funding.
 - Discussions with the current landowner have begun on the potential expansion of the Railsback Basin. Currently it appears the owner is looking for a price significantly above fair market value for the expansion area. For that reason, KCWD has ceased pursuing an expansion and will wait to see if things change.
 - KCWD is pursuing the development of improved diversion and measurement facilities for the existing basin. Their improvements are anticipated to make the basin significantly more productive for recharge efforts. The conceptual design for these facilities is very similar to the Everett Basin modifications.
 - The improved basin facilities were included in the SGM Round II Implementation Grant.
- Lopez Basin is being improved through grant funding.
 - Discussions with the current landowner have begun on the potential expansion of the Lopez Basin.
 - Currently KCWD is pursuing the development of improved diversion and measurement facilities for the existing basin. The improvements are anticipated to make the basin significantly more productive for recharge efforts. The conceptual design for these facilities is very similar to the Everett Basin modifications in 2020.
 - The improved basin facilities were included in the SGM Round II Implementation Grant application.
- System Evaluations: Independent Ditch: The Ditch Company continues discussions with KCWD on efforts to develop easements and right-of-way so that the facility can be preserved long-term. There is a need for a measurement facility and diversion structure at the head of this system. As previously mentioned, it appears that some differential subsidence has impacted diversion capacity over time.

Subbasin GSP, Section 7.2.1.4: Meter Requirements

- The MKRGSA Board adopted a groundwater well registration policies along with a draft policy to require flow meters on new and existing groundwater wells in November 2022. With the help of KCWD, well registration efforts began but were not completed as it was decided that additional public outreach was necessary. Both policies are

currently being revised with input from the outreach efforts. The revised policies will be incorporated into the revised GSP.

Subbasin GSP, Section 7.2.1.4: Pumping Restrictions

- The MKRGSA Board adopted a pumping allocation policy in March 2023, however the policy was not implemented as it was decided that additional public outreach was necessary. The policy is currently being revised with input from the outreach efforts. The revised policy will be incorporated into the updated GSP.
- In accordance with the Governors Executive Order N-7-22, the MKRGSA implemented a process with the County of Kings to review applications for new water wells.

Subbasin GSP, Section 7.2.1.5: Grant Funds

- The Subbasin is pursuing the SGM Implementation Grant Round 1 with various projects benefitting the Subbasin. The County of Kings Water District has submitted two recharge basin projects. One project to build the Griswold Basin and make improvements to three existing recharge basins (Cody Slough, Smith Basin, and Lopez Basin). The second project consists of construction of the new North Hanford Basin.
 - As part of the SGM Implementation Grant Round 1 submittal, the Subbasin has opted to include 2022 GSP updates, groundwater studies, and to help fill data gaps. As part of the 2022 GSP updates, the Subbasin has opted to include funding to be used to respond to DWR's comments and a groundwater quality study. Groundwater studies include an update on the groundwater model, regional subsidence study, and a native yield study. Lastly, the Subbasin has decided to request funding to install a monitoring well to help fill a data gap area.

4.3.2 El Rico GSA

Progress towards GSP implementation by the El Rico GSA included the following activities.

Subbasin GSP, Section 6.3.1: Conveyance Facilities Modifications and Construction of New Facilities

- Corcoran Irrigation District (CID) continues to evaluate potential improvements to its conveyance facilities and explore different funding options.

Subbasin GSP, Section 6.3.3: Recharge Basins/Water Banking

- CID completed the engineering design and permitting of the Salyer Reservoir to create additional flood water storage and groundwater percolation benefits. Construction began in late 2024 and is expected to be completed in early 2025.
- As noted above, more than 14,900 AF of floodwater water from 2023 was stored in existing ponds and used for agricultural production in 2024. The EL Rico GSA commonly utilizes this technique to maximize the use of floodwater in-lieu of groundwater pumping.

Subbasin GSP, Section 6.4: Management Actions

- The El Rico GSA continued to emphasize the importance of flexible cropping patterns based on available surface water. With adequate surface water supply, approximately half of the fallowed land from 2023 was brought back into production with the remaining land left fallow. The El Rico landowners will continue to evaluate yearly the amount of land to be placed in production.

Subbasin GSP, Section 7.3: Identify Funding Alternatives

- The Subbasin was awarded the SGM Implementation Round I Grant with various projects benefitting the Subbasin. CID has begun the engineering design of a recharge and storage project on behalf of the El Rico GSA. As part of the SGM Implementation Grant Round 1 submittal, the Subbasin opted to include GSP Updates, and groundwater studies, to help fill data gaps. The El Rico GSA has taken the lead in preparing the update to the regional groundwater model.

Subbasin GSP, Section 7.0 Plan Implementation

- El Rico GSA continues to meet with the Tulare Lake Subbasin and Tule Subbasin. Meetings are held with the goal of better understanding, defining, and resolving disputes over the artificial boundaries where the three subbasins intersect.

4.3.3 Tri-County Water Authority

The Tri-County Water Authority (TCWA) continued to make progress implementing the 2022 GSP's proactive-approach to identifying and mitigating undesirable results during Water Year 2023. Some of the key projects and management actions included the following:

Subbasin GSP, Section 6.3.1: Conveyance Facilities Modifications and Construction of New Facilities

- The Water Blueprint for the San Joaquin Valley has restructured the organization to focus on education and advocacy. TCWA's Executive Director, Deanna Jackson continues to sit on the Board of Directors for the Water Blueprint for the San Joaquin Valley and is a representative for irrigated areas outside of water district or irrigation district services boundaries, also known as "White Areas." TCWA continues participation in the Water Blueprint for the San Joaquin Valley with intent to advance water infrastructure projects and increase water supply. The San Joaquin Valley Blueprint has prepared a new strategic plan to address the water needs in the area.

Subbasin GSP, Section 7.2.4.3: Management Actions

- A groundwater allocation policy, which specifies the amount of sustainable yield per acre and is designed to substantially increase demand reduction over time, continues to be implemented and enforced with penalties. The funds collected from these exceedances are earmarked to support future projects that will decrease demand and increase supply, such as land fallowing programs, metering programs, and domestic well mitigation programs. These reductions in demand are expected to have a positive effect on groundwater levels and reducing subsidence.

- TCWA is currently revising the groundwater allocation policy with input from the stakeholder advisory committee. The revised groundwater allocation policy is expected to include a shift to utilizing meter data from all wells with annual reductions in the amount of groundwater pumped.
- TCWA continues to utilize evapotranspiration and land use data provided by LandIQ to monitor groundwater pumping across the GSA. As noted, TCWA is currently revising the groundwater allocation policy to require utilization of meter data to measure groundwater extraction.
- A web-based accounting program providing groundwater use data to the landowners continues to operate and is regularly updated.
- TCWA is to develop Multi-benefit Lands Repurposing Plans using monies from the Department of Conservation. The MLRP includes a TCWA specific plan that evaluates numerous alternatives for lands taken out of agricultural production.
- Additional activities reported in the Tule subbasin are updated in the Tule WY2024 Annual Report and it's encouraged this document be reviewed in tandem to gain a full picture of these actions

Subbasin GSP, Section 7.4: Data Management System

- Four-Creeks Subbasin data management system continues to be updated on a quarterly basis.

Subbasin GSP, Section 7.0: Plan Implementation

- TCWA continue to participate in coordination meetings between the Tulare Lake and Tulare Lake subbasins. These meetings are expected to continue to help provide common solutions to regional issues. Ground subsidence has been one of several issues focused on during these meetings.
- TCWA is currently preparing a Subsidence Management Plan that will present the actions that will be taken in areas that are exceeding the annual allowable rate of subsidence to avoid the minimum thresholds.

4.3.4 South Fork Kings GSA

Progress towards GSP implementation by the South Fork Kings GSA (SFKGSA) included the following activities:

Subbasin GSP, Section 6.3.1: Conveyance Facilities Modifications and Construction of New Facilities

- SFKGSA continues work with the Water Blueprint for the San Joaquin Valley with intent to gain rights to increased water supplies to reduce groundwater overdraft.

Subbasin GSP, Section 6.4: Management Actions

- The SFKGSA is preparing a groundwater well registration policy along with a draft policy to require flow meters on new and existing groundwater wells. Both policies are currently being prepared with input from the outreach efforts. The revised policies will be incorporated into the revised GSP.

- SFKGSA is currently preparing a groundwater allocation policy with input from the grower advisory committee. The groundwater allocation policy is expected to include allocations based on aquifer with annual reductions in the amount of groundwater pumped.
- SFKGSA is currently preparing a Subsidence Management Plan that will present the actions that will be taken in areas that are exceeding the annual allowable rate of subsidence to avoid the minimum thresholds.

Subbasin GSP, Section 7.2.2.3: Groundwater Monitoring Program

- The SFKGSA continues to evaluate their groundwater monitoring program by reevaluating wells within the program and searching for opportunities to add more wells to monitor.
- The SFKGSA continues to pursue monitoring well installment through DWR's Technical Support Services. The well will be located within the City of Lemoore and approximately 0.5 miles south of a C-Zone data gap recognized in chapter 5 of the SFKGSA GSP. The SFKGSA has worked closely with the City of Lemoore to find an optimal location. The well is expected to monitor both B and C hydrostratigraphic zones.

Subbasin GSP, Section 7.2.2.8: Supply Enhancement Program

- SFKGSA is currently preparing an updated groundwater recharge policy to encourage and incentivize groundwater recharge. The policy is being prepared with input from the grower advisory committee and public outreach. The policy will be included in the revised GSP.

Subbasin GSP, Section 7.0: Plan Implementation

- SFKGSA and the Subbasin continues discussions with GSAs/Subbasins to the north and west to help coordinate inter-basin coordination. This coordination included on-going data exchanges and technical discussions regarding boundary conditions.

Subbasin GSP, Section 7.3: Identify Funding Alternatives

- The Subbasin was awarded the SGM Implementation Grant Round 1 with various projects benefitting the Subbasin. KRCD began implementation of the Kings River Channel Reclamation Project on behalf of the SFKGSA. Through previous grant awarded efforts, KRCD has identified sections along the Kings River in need of reclamation to restore 100-year flood capacity along the channel. Through this grant, KRCD will remove an approximate 280,000 cubic yards of accumulated sediments along the South Fork Section located between Jackson Avenue bridge and Empire Weir 1. Removing accumulated sediments will reclaim capacity for water flows and bring entitled irrigation and floodwaters to be used in lieu of groundwater pumping. The engineering design drawings for the project were completed in WY22 and construction activities are underway.
 - As part of the SGM Implementation Grant Round 1 submittal, the Subbasin included an update to GSP and several groundwater studies to help fill data gaps. As part of the GSP Updates, the grant funding was used to respond to DWR's

comments. Groundwater studies include an update on the groundwater model, regional subsidence study and a native yield study. Lastly, the Subbasin has decided to request funding to install a monitoring well to help fill a data gap area.

4.3.5 Southwest Kings GSA

Progress towards GSP implementation by the Southwest Kings GSA included the following activities.

Subbasin GSP, Section 6.3.1: Conveyance Facilities Modifications and Construction of New Facilities

- Participated in discussions with the Water Blueprint for the San Joaquin Valley with intent to increase water supplies to the area.

Subbasin GSP, Section 6.4: Management Actions

The GSA-wide meter policy which required the installation of meters on all active production wells is seeking to gain more compliance. LandIQ data is being relied on to provide additional insights to groundwater pumping.

Subbasin GSP, Section 7.0: Plan Implementation

- Continue to engage with the neighboring Subbasin to the west to help coordinate inter-basin coordination. ended to .
- SWKGSA is currently preparing a well mitigation policy to address any impacted domestic wells. The policy is expected to be included in the revised GSP.

5. SUSTAINABLE MANAGEMENT CRITERIA

§356.2(b) (5) (C) A description of progress towards implementing the Plan, including achieving interim milestones, and implementation of projects or management actions since the previous annual report.

This chapter contains a report on the status of the relevant SMCs in the Tulare Lake Subbasin. The status of the four applicable criteria, including groundwater levels, groundwater storage, water quality, and subsidence, will be discussed. For the Tulare Lake Subbasin, interconnected surface water and seawater intrusion are not applicable sustainability indicators. Therefore, no progress indicators for interconnected surface water or seawater intrusion will be discussed in this chapter. As updates to the SMCs are being made, the following sections evaluate sustainability indicators with respect to the most recent version of the GSP that the GSAs are working to submit to the state.

5.1 Sustainability Goal

The sustainability goal for the Tulare Lake Subbasin and each GSA is to manage the basin to provide a reliable water supply for current and future beneficial uses and users by 2040. This goal involves balancing water demand with available supply to stabilize groundwater levels while avoiding significant and unreasonable impacts on the other three applicable sustainability indicators (water quality, groundwater storage, and land subsidence). The objective is to manage groundwater resources to achieve MOs and avoid reaching MTs that would cause undesirable results.

This goal will be achieved through the following actions:

- **Implementation of GSPs:** The GSPs developed by the MKRGSA, SFKGSA, ERGSA, SWKGSA, and TCWAGSA will be executed, with each plan detailing phased measures (projects and management actions) to avoid undesirable results and achieve measurable objectives by 2040 or as extended by DWR.
- **Collaboration with Agencies:** Coordination with other agencies and entities will focus on stabilizing chronic groundwater level and storage declines, minimizing significant and unreasonable land subsidence, reducing or mitigating water quality degradation where feasible, and protecting local beneficial uses and users.
- **Evaluation at Interim Milestones:** The effectiveness of implemented projects and management actions will be assessed at each interim milestone to ensure progress toward avoiding undesirable results as defined in the GSP.
- **Ongoing Implementation:** The five GSAs will continue to implement projects and management actions as needed throughout the planning and implementation horizon to maintain the sustainability goal.

The Tulare Lake Subbasin's sustainability goal is intended as an iterative, long-term, qualitative objective to eliminate undesirable results in the Subbasin over the next 20 years. Each GSA has established quantitative sustainable management criteria to guide the basin toward this goal. Progress will be evaluated annually for each sustainability criterion by

measuring performance against interim milestones and the achievement of measurable objectives.

5.2 Groundwater Level Sustainable Management Criteria and Progress

Undesirable Results in the Tulare Lake Subbasin occur when one-third of the representative monitoring sites across the Subbasin exceed their respective MT water level elevations. No Undesirable Results have been observed to date, indicating groundwater levels remain within the operational flexibility.

The updated GSPs introduce revised SMCs to address chronic groundwater level declines, using regional aquifer geometry and well depth data to establish MTs that protect 90% of wells active since 2015. These SMCs, including MTs and MOs, are detailed in Appendix A, Table A-1, and shown on hydrographs in Appendix A3.

5.2.1 Progress of Groundwater Levels

Groundwater level monitoring is performed by various agencies within the Tulare Lake Subbasin. Table 5-1 summarizes groundwater elevation data for WY 2024 and historical data from Spring 2022 relative to the established MO and MT values. Currently, the Subbasin-wide undesirable result condition (groundwater elevations below MT at one third or more of representative monitoring sites) has not been met. GSAs will continue evaluating monitoring network adequacy and adjusting representative monitoring sites and associated thresholds accordingly. The data presented are categorized as above MO, within the Margin of Operational Flexibility (MoOF), within 20% of MT, below MT, or having no data available. Wells lacking data for this reporting period primarily reflect conditions such as active pumping during measurement or restricted access.

Table 5-1: Groundwater Levels Monitoring Network Comparison to SMC

Mid-Kings River GSA	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024
Above MO	2	0	2	8	11	5
In MoOF	15	17	15	11	8	12
Within 20% of MT	0	1	0	0	0	0
Below MT	0	0	0	0	0	0
No Data Available	6	5	6	4	4	6
South Fork Kings GSA	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024
Above MO	8	1	6	12	9	10
In MoOF	15	16	14	10	13	14
Within 20% of MT	0	0	0	0	0	0
Below MT	0	4	1	0	0	0
No Data Available	1	3	3	2	2	0
El Rico GSA	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024
Above MO	1	0	1	2	2	2
In MoOF	7	4	6	7	8	7
Within 20% of MT	0	1	1	0	0	0
Below MT	1	1	0	0	0	0
No Data Available	1	4	2	1	0	1
Tri-County Water Authority GSA	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024
Above MO	0	0	0	0	0	0
In MoOF	1	1	2	2	2	2
Within 20% of MT	0	0	0	0	0	0
Below MT	1	1	0	0	0	0
No Data Available	0	0	0	0	0	0
Southwest Kings GSA	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024
Above MO	1	0	0	0	1	1
In MoOF	1	2	2	2	1	1
Within 20% of MT	0	0	0	0	0	0
Below MT	0	0	0	0	0	0
No Data Available	0	0	0	0	0	0

A significant portion of the Monitoring Network for the Tulare Lake Subbasin leaned on the existing CASGEM framework for a starting point. The Spring and Fall readings available for the Tulare Lake Subbasin Groundwater Level Monitoring Network are provided in Appendix A. In late 2022 and early 2023, water-level transducers were installed in seven additional monitoring wells within the SFKGSA, bringing the total number of wells equipped with transducers in the Subbasin to 11. The other four wells were previously equipped with transducers. Data from these wells show groundwater levels initially rose due to wet conditions

and flooding in 2023, and this upward trend continued through WY 2024. The ongoing expansion of the monitoring network, including installation of transducers, remains a priority as part of planned projects and management actions. Transducer data have demonstrated groundwater elevations consistently responding to hydrologic conditions, with increases continuing into WY 2024.

5.3 Groundwater Quality Sustainable Management Criteria and Progress

Water quality monitoring within the Subbasin focuses on seven contaminants of concern (COCs), as listed in Table 5-2. The MTs for water quality degradation are established to prevent additional exceedances in existing wells. For wells where water quality already exceeded the MT in 2015, the MT is set to the historical 95th percentile Upper Tolerance Limit (UTL) concentration.

Table 5-2: Minimum Thresholds for Water Quality

Constituent of Concern	Minimum Threshold
Salinity (measured as TDS)	1,000 mg/L
Nitrate (measured as N)	10 mg/L
Arsenic	1.0 µg/L
Uranium	20 pCi/L
Gross Alpha	15 pCi/L
Sulfate	500 mg/L
Chloride	500 mg/L
1,2,3-TCP	0.005 µg/L

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picocuries per liter

TDS = total dissolved solids

5.3.1 Progress of Water Quality

Groundwater quality results from WY 2024 did not meet the definition of the undesirable result. Instances where concentrations exceeded established MTs, are summarized in Table 5-3, which presents groundwater quality data for WY 2024 relative to established MTs. Groundwater quality monitoring within the Tulare Lake Subbasin has historically relied on a limited but coordinated approach, primarily using data collected through state regulatory programs such as the Irrigated Lands Regulatory Program (ILRP) and the GAMA system. Currently, the groundwater quality monitoring network consists of one well in the El Rico GSA, 16 wells in the Mid-Kings River GSA, 15 wells in the South Fork Kings GSA, and one well in the Southwest Kings GSA. No wells from the TCWA GSA have available water quality data. Available Water Quality Data is presented in Appendix D, Table D-1, maps of the Tulare Lake Subbasin Water Quality monitoring network are presented in Appendix D2, and Time-Concentration graphs of the Table D-1 analytical data are available in Appendix D3.

Table 5-3: Groundwater Quality Monitoring Network Comparison to Sustainable Management Criteria

GSA	Data Collection Season	*WY 2024 Measurements Above MT							*WY 2024 Total Measurements						
		AS (µg/L)	CL (mg/L)	NO3N (mg/L)	SO4 (mg/L)	TCPR123 (µg/L)	TDS (mg/L)	U (pCi/L)	AS (µg/L)	CL (mg/L)	NO3N (mg/L)	SO4 (mg/L)	TCPR123 (µg/L)	TDS (mg/L)	U (pCi/L)
El Rico GSA	Fall 2023	--	--	--	--	--	--	--	0	--	0	--	--	--	0
	Spring 2024	--	--	--	--	--	--	--	0	--	0	--	--	--	0
	Fall 2024	0	--	--	--	--	--	--	0	--	0	--	--	--	0
Mid-Kings River GSA	Fall 2023	0	--	--	--	--	--	--	2	0	0	0	0	0	--
	Spring 2024	0	--	--	--	--	--	--	2	0	0	0	0	0	--
	Fall 2024	1	4	--	--	--	3	--	7	7	0	0	0	7	--
South Fork Kings GSA	Fall 2023	0	1	--	1	--	2	--	8	3	0	1	0	3	--
	Spring 2024	0	1	--	--	--	5	--	8	6	0	0	0	6	--
	Fall 2024	0	--	--	--	--	--	--	7	0	0	0	0	0	--
Southwest Kings GSA	Fall 2023	--	--	--	--	--	--	--	0	0	--	0	--	0	--
	Spring 2024	--	--	--	--	--	--	--	0	0	--	0	--	0	--
	Fall 2024	--	--	--	--	--	--	--	0	0	--	0	--	0	--
Entire Subbasin	Fall 2023	0	1	--	1	--	2	--	10	3	0	1	0	3	0
	Spring 2024	0	1	--	--	--	5	--	10	6	0	0	0	6	0
	Fall 2024	1	4	--	--	--	3	--	14	7	0	0	0	7	0

Notes and abbreviations:
TDS=Total Dissolved Solids.
AS =Arsenic.
CL=Chloride.
NO3N=Nitrates.
SO4=Sulfate.
TCPR123=1,2,3-Trichloropropane.
*Data tabulated for results collected
between Fall 2023 and Fall 2024

5.4 Land Subsidence Sustainable Management Criteria and Progress

Land subsidence may be considered significant and unreasonable if there is a loss of a functionality of a structure or a facility to the point that, due to subsidence, the structure or facility cannot reasonably operate without either significant repair or replacement. Explanations of the methodology for determining criteria can be found in chapter 4 of each GSA's GSP.

5.4.1 Progress of Land Subsidence

InSAR data from October 2023 to October 2024 indicate continued slowing subsidence rates across the Tulare Lake Subbasin compared to prior years, as shown in Figure 3-4, with cumulative subsidence since June 2015 illustrated in Figure 3-5 and Appendix E, Figure E1-1. Subsidence monitoring results for WY 2024 showed a further reduction in the annual subsidence rate, with measurements decreasing from 0.34 feet (WY 2023) to 0.27 feet (WY 2024). Continuous GPS (CGPS) data similarly confirmed subsidence reductions at monitoring locations CRCN (0.10 feet) and LEMA (0.11 feet) during WY 2024, consistent with previous annual decreases.

The physical subsidence RMS network consists of 41 benchmark stations within the Tulare Lake Subbasin, comprising 25 benchmarks monitored by the Kings River Conservation (KRCD), 8 by the California High-Speed Rail Authority (CHSRA), 6 by CalTrans, and 2 along the California Aqueduct. An additional 8 benchmark stations located outside of the Subbasin contributes supplementary data. Monitoring data summarized are presented on Figure 3-5 in Appendix E, Table E-1.

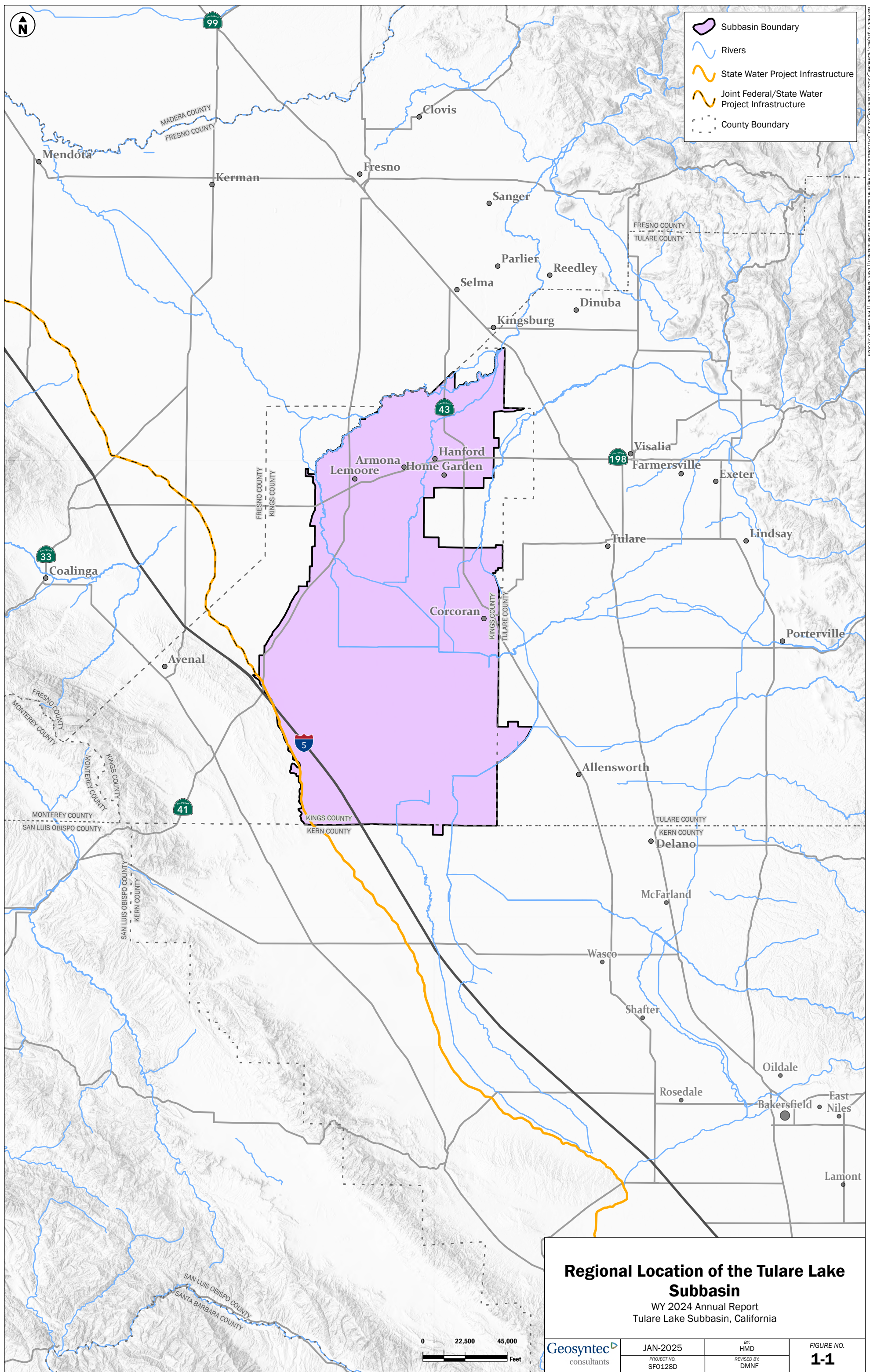
Historically, subsidence monitoring has emphasized areas near the eastern portion of the Subbasin due to notably higher subsidence rates documented in adjacent subbasins (Tule and Kaweah). KRCD's subsidence monitoring network, established as part of the MKRGSA, now covers approximately three-quarters of the Subbasin. Additional subsidence data have been contributed by CalTrans, the Kaweah Delta Water Conservation District, and CHSRA.

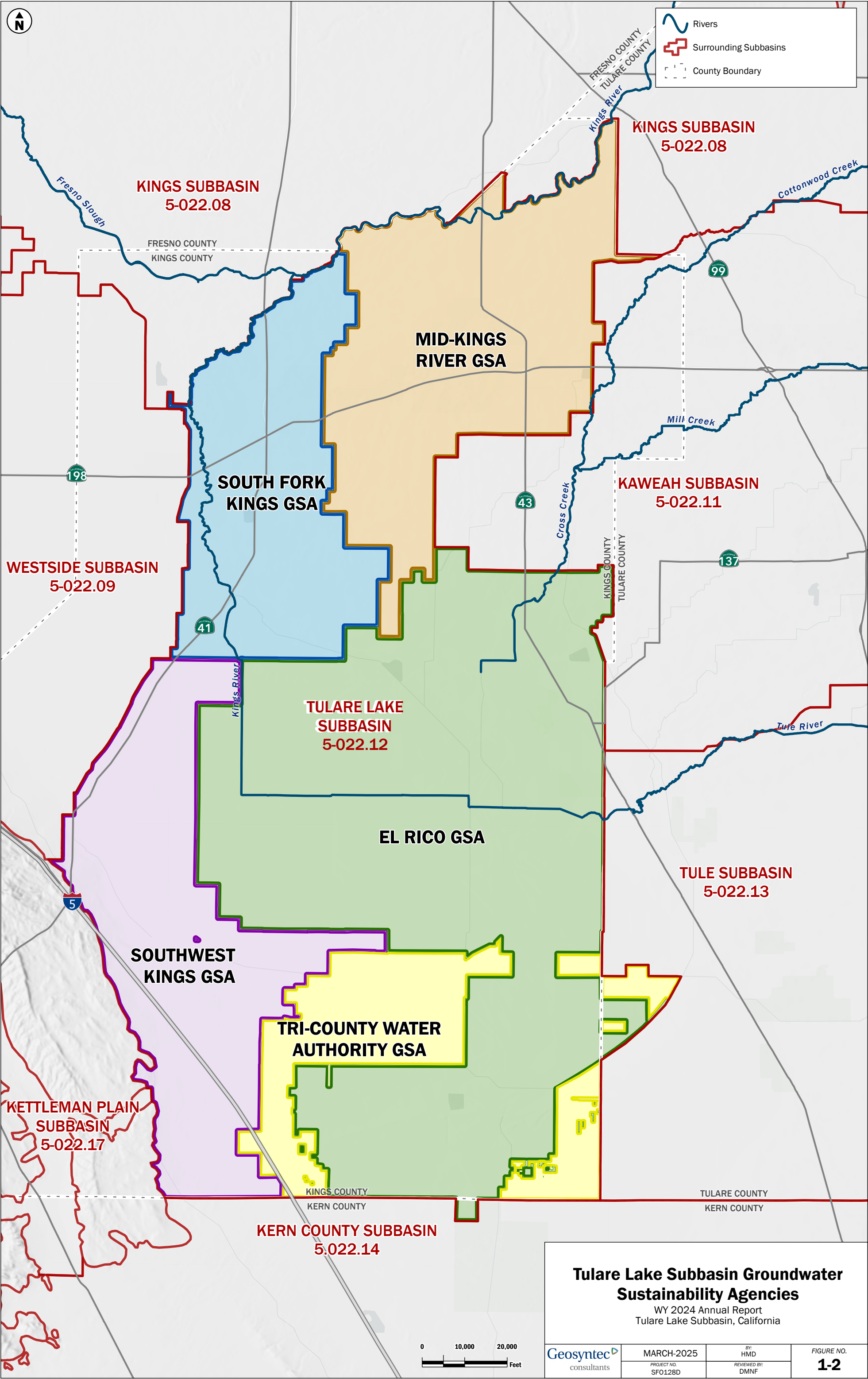
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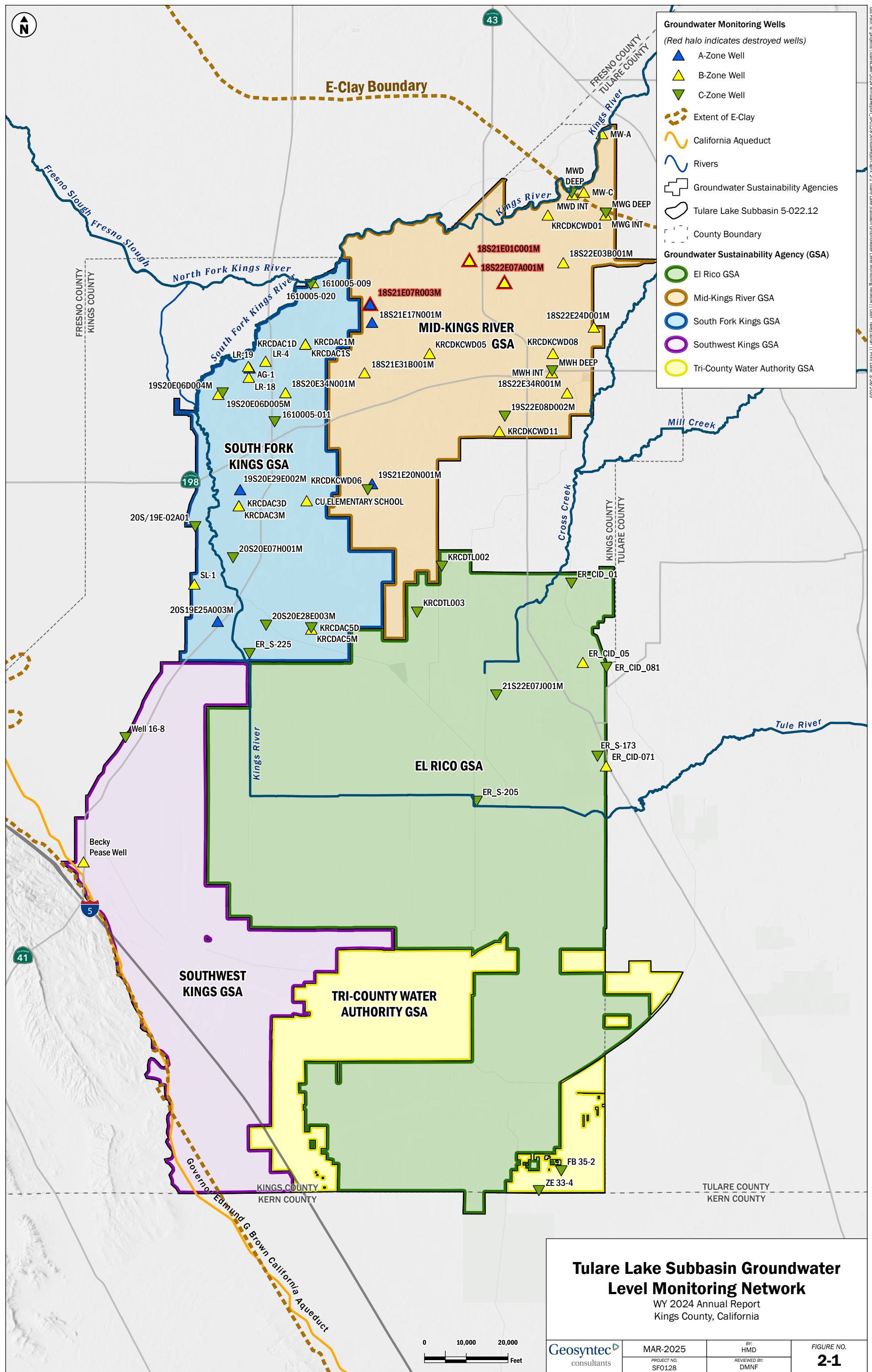
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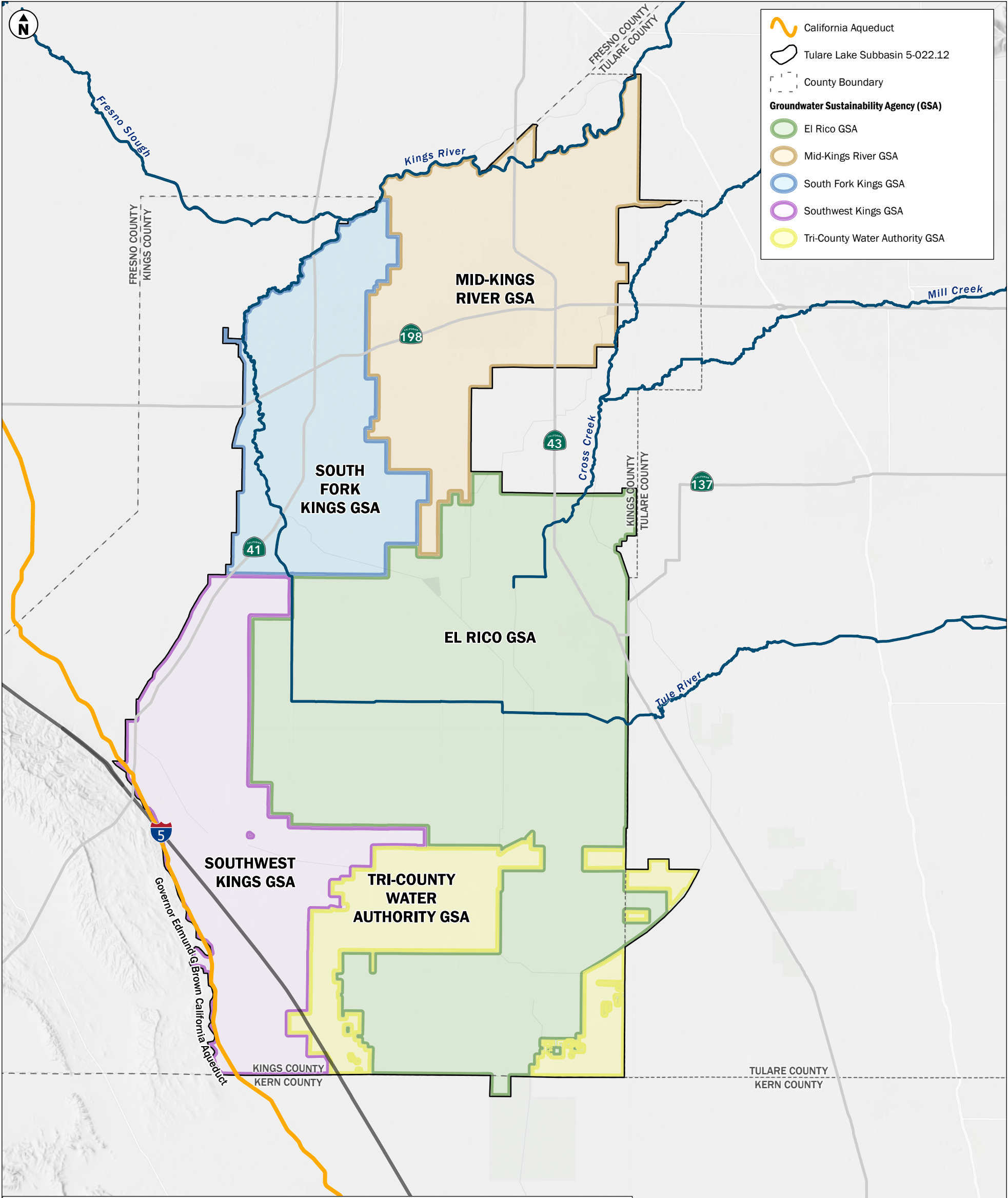
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FIGURES





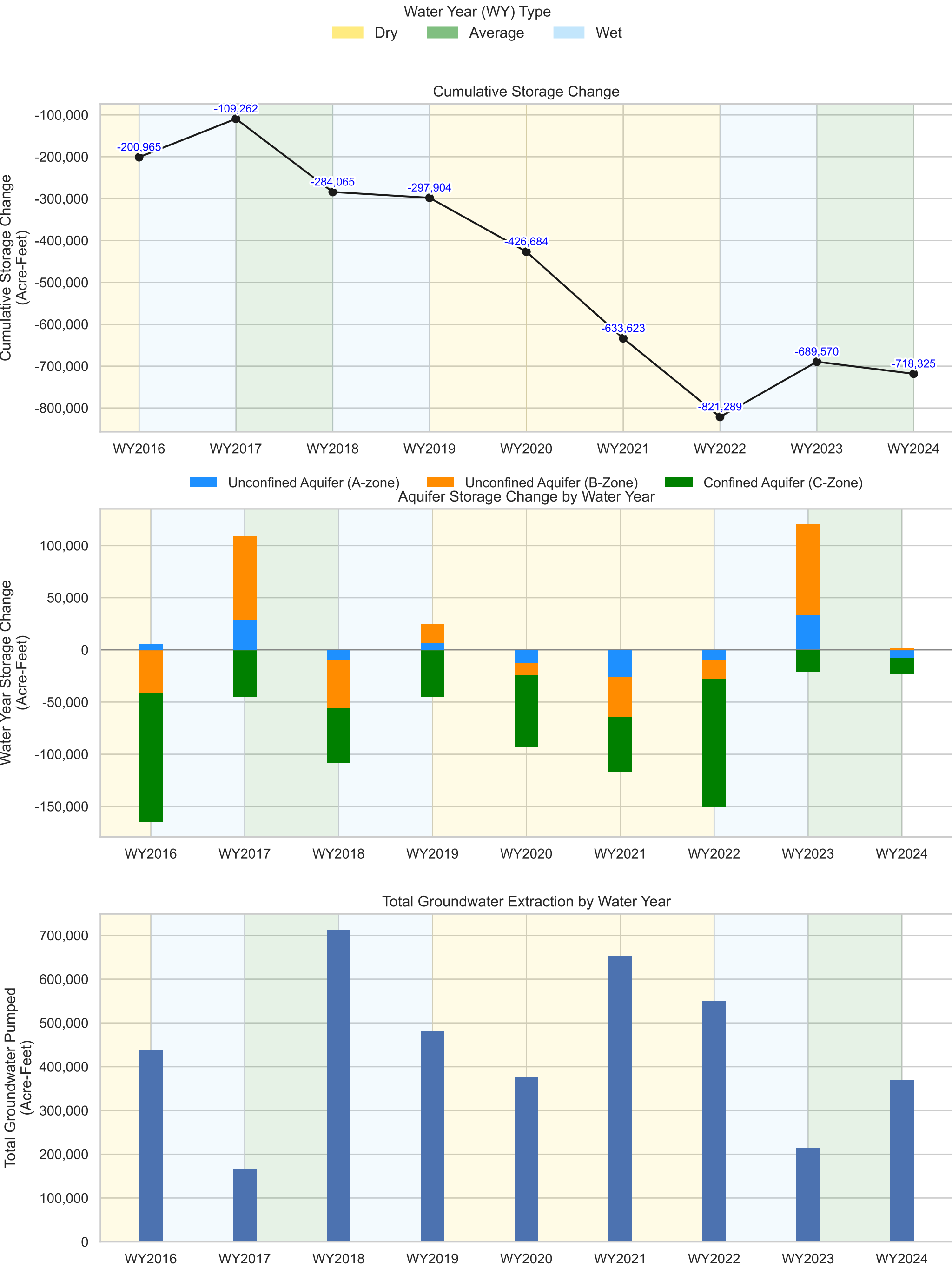


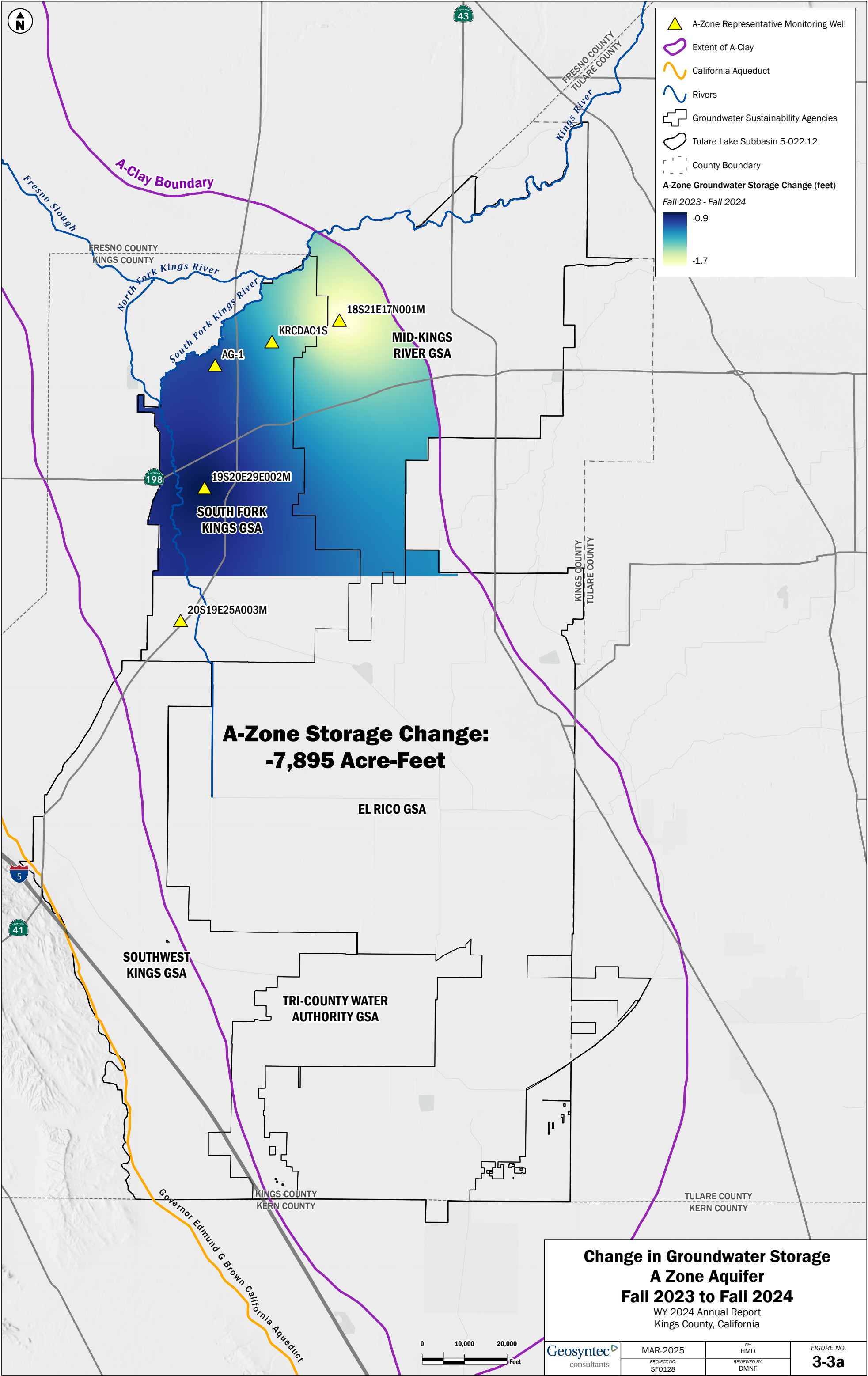


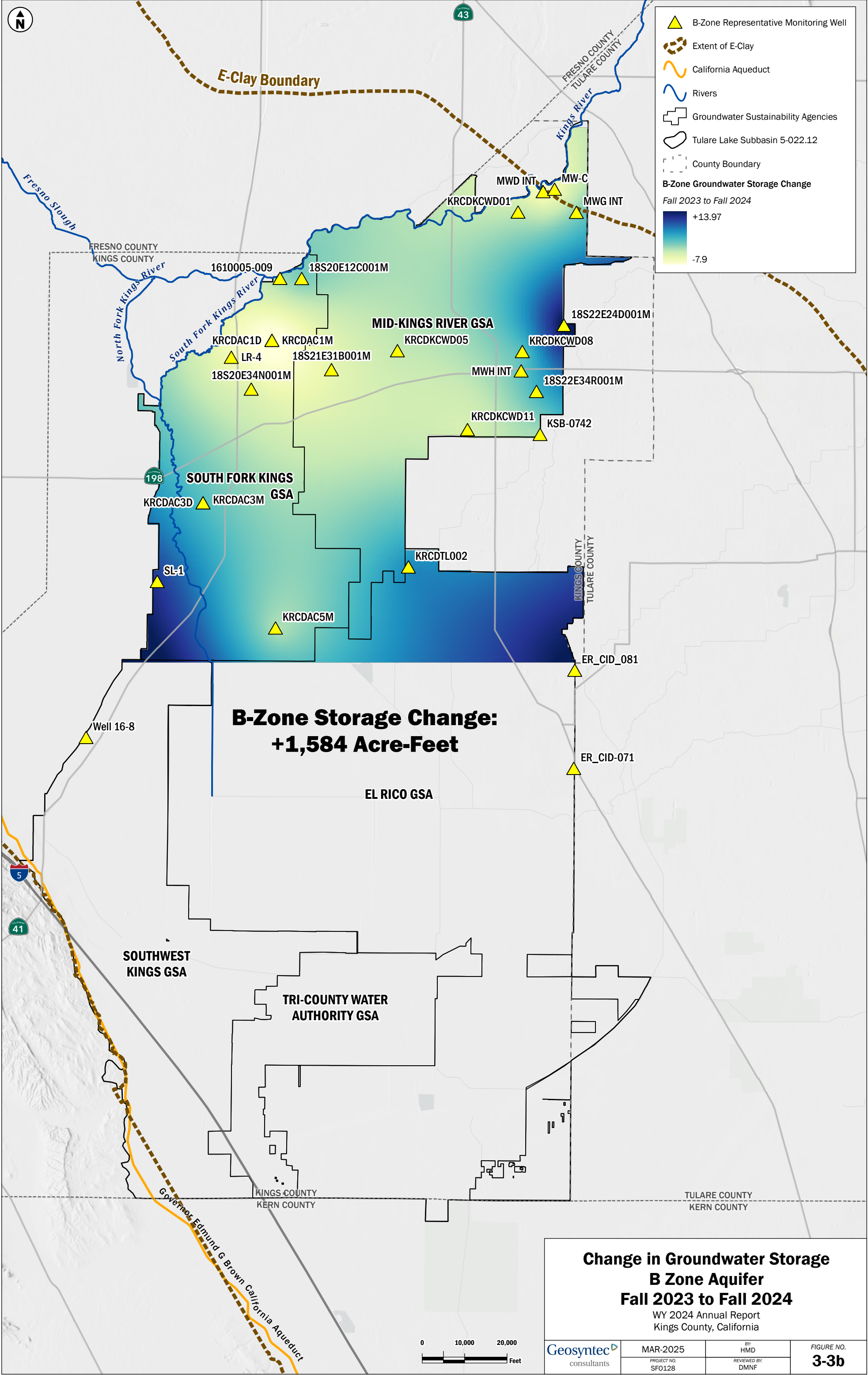
Groundwater Extraction by Sector (Acre-Feet)				
Year	Agricultural	Urban	Other	Total
CY 2015	502,745	23,765	8,400	534,910
CY 2016	405,747	23,152	8,400	437,299
CY 2017	132,418	24,192	9,500	166,110
CY 2018	677,695	26,240	9,500	713,435
CY 2019	444,319	26,571	9,500	480,390
WY 2020	339,474	27,118	8,701	375,293
WY 2021	617,161	27,105	8,221	652,488
WY 2022	516,716	24,160	8,190	549,066
WY 2023	183,491	22,342	8,030	213,863
WY 2024	322,942	24,031	8,032	355,005
Average	439,913	28,868	8,716	447,786

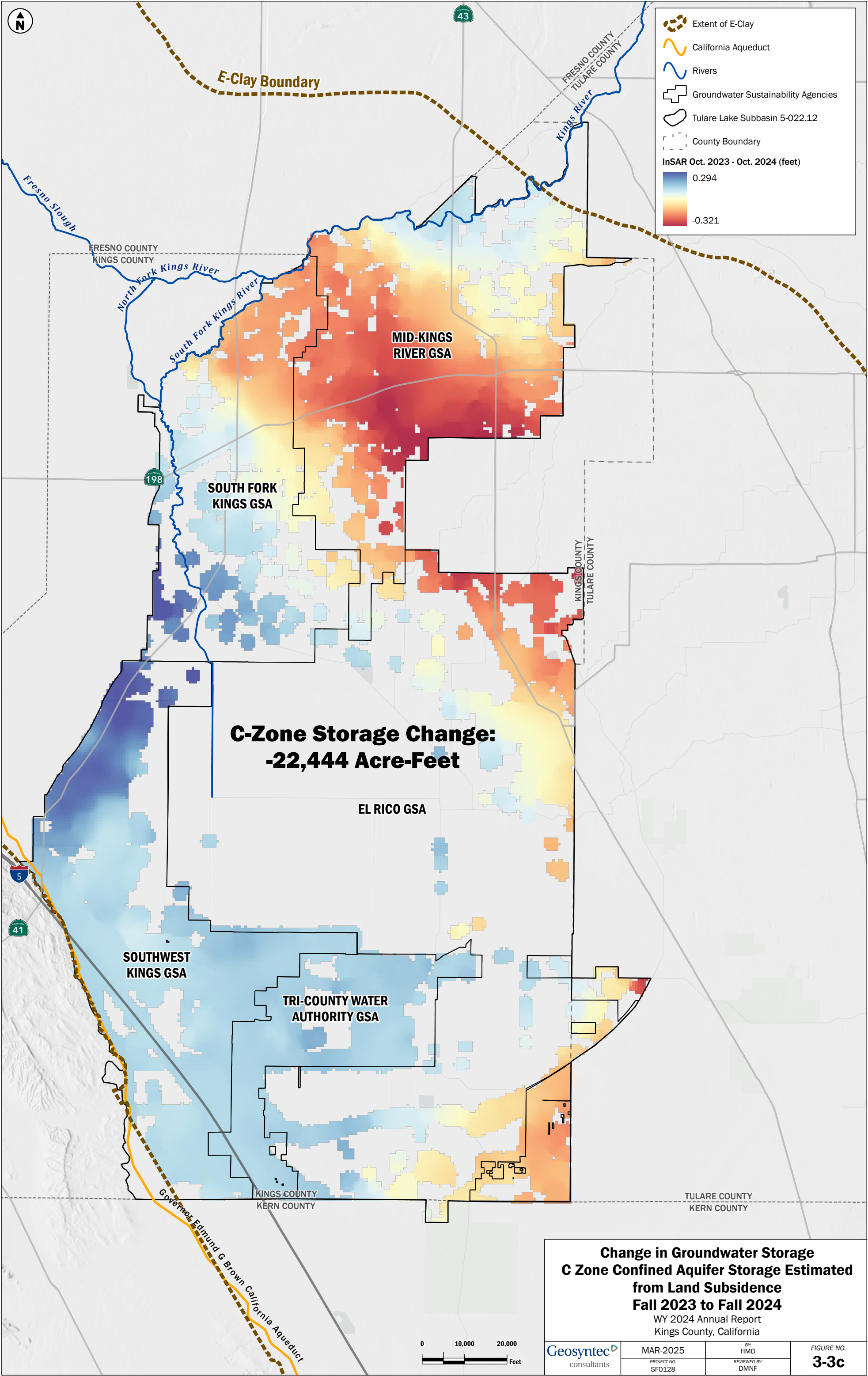
Tulare Lake Subbasin Groundwater Extraction by Sector
WY 2024 annual Report
Tulare Lake Subbasin, California

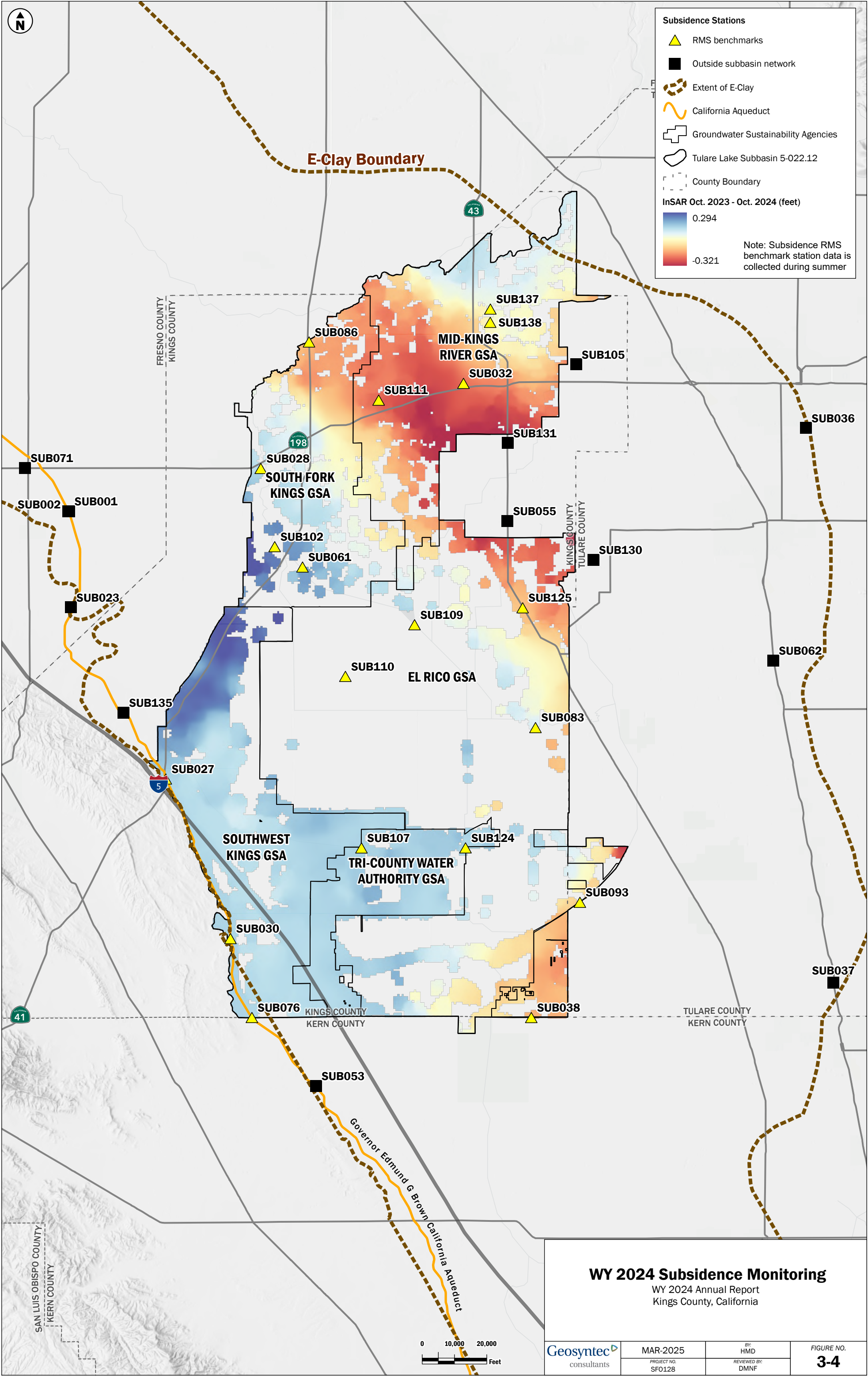
Figure 3-2
Tulare Lake Subbasin Annual & Cumulative Estimated Storage Change, Groundwater Extraction, and Water Year Type

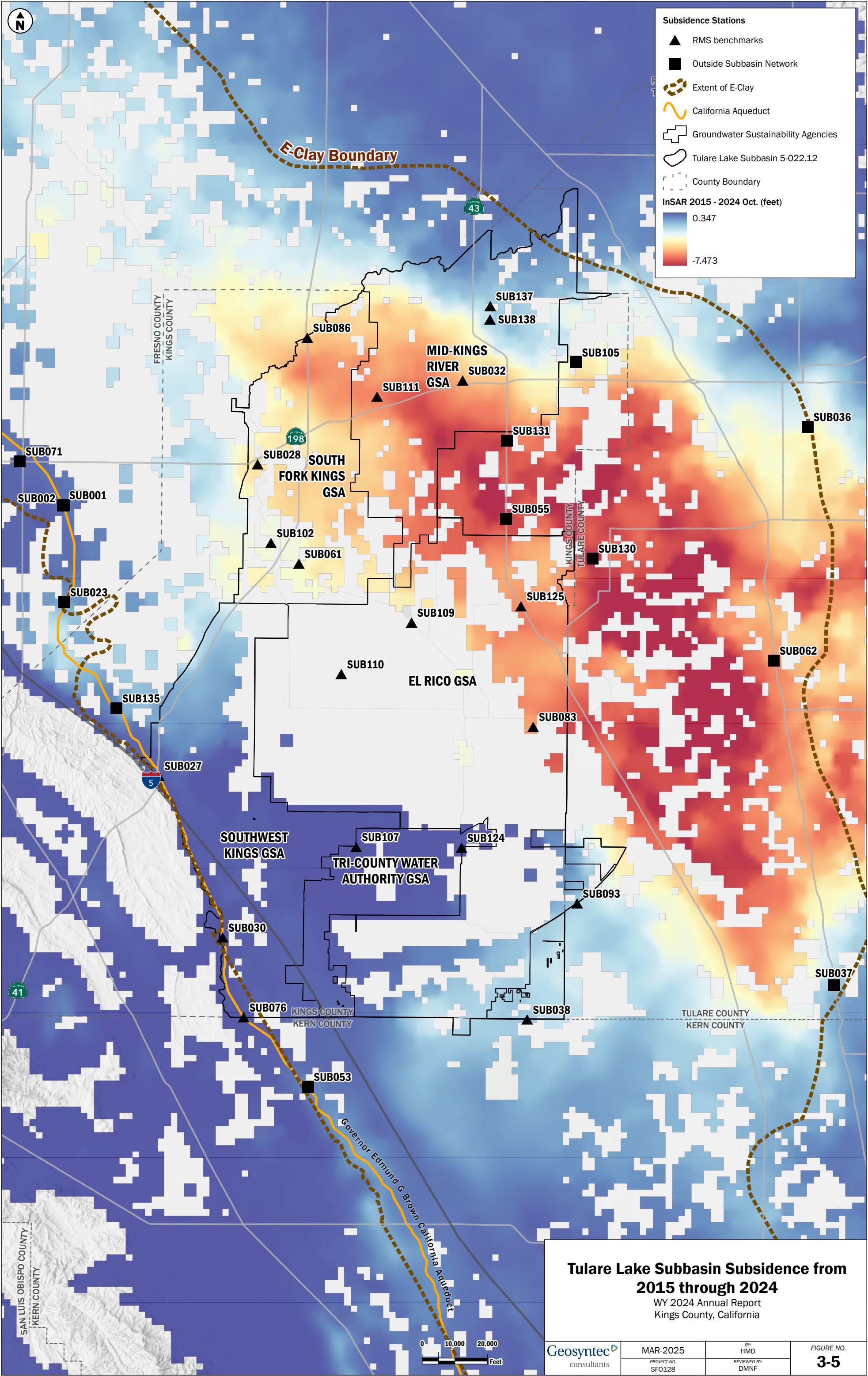












Appendix A

Groundwater Elevation Data

Table A-1: Groundwater Level Representative Monitoring Site Water Surface Elevation Data

Tulare Lake Subbasin WY 2024 Annual Report

No.	Site Code	Local Well Name	GSA	Aquifer	Well Type	Depth ²	Top of Screen ²	Bottom of Screen ²	MO ¹	MT ¹	Spring 2022 ¹	Fall 2022 ¹	Spring 2023 ¹	Fall 2023 ¹	Spring 2024 ¹	Fall 2024 ¹
1	361381N1195558W001	ER_CID_05	El Rico GSA	B	Unknown	350	(1)	(1)	130	100	101.03	83.03	87.03	155.03	145.03	144.03
2	360702N1195369W001	ER_CID-071	El Rico GSA	B	Unknown	(1)	(1)	(1)	63	33	144.08	127.08	149.08	157.08	157.08	158.08
3	361158N1196258W001	21S22E07J001M	El Rico GSA	C	Monitoring	775	735	775	NA	-450	6.6	-192	(2)	-58	-30.4	-63.2
4	361890N1195650W001	ER_CID_01	El Rico GSA	C	Unknown	(1)	(1)	(1)	NA	-150	-93.96	-127.96	52.04	62.04	58.04	50.04
5	361338N1195366W001	ER_CID_081	El Rico GSA	C	Unknown	(1)	(1)	(1)	NA	-250	-30.22	-62.22	19.78	21.78	47.78	41.78
6	361700N1196900W001	KRCDTL003	El Rico GSA	C	Irrigation	1619	624	1444	NA	-350	-186.4	-210.4	-112.4	-90.4	-32.4	-55.4
7	361429N1198259W001	ER_S-225	El Rico GSA	C	Unknown	(1)	(1)	(1)	NA	-150	-217	-237	-134	-88	-39	-52
8	362000N1196700W001	KRCDTL002	El Rico GSA	C	Irrigation	825	558	798	NA	-250	44	33	53	58	93	69
9	360462N1196418W001	ER_S-205	El Rico GSA	C	Unknown	(1)	(1)	(1)	NA	-450	-287	-262	-182	(2)	-36	-53
10	360757N1195438W001	ER_S-173	El Rico GSA	C	Unknown	(1)	(1)	(1)	NA	-350	-181	(3)	(3)	97	111	(3)
11	363722N1197282W001	18S21E07R003M	Mid-Kings River GSA	A	Unknown	(1)	(1)	(1)	211	201	(4)	(4)	(4)	(4)	(4)	(4)
12	362549N1197266W001	19S21E20N001M	Mid-Kings River GSA	A	Unknown	(1)	(1)	(1)	212	202	(5)	204.72	(5)	206.02	206.5	(5)
13	363603N1197266W001	18S21E17N001M	Mid-Kings River GSA	A	Unknown	(1)	(1)	(1)	216	206	216.28	215.38	225.98	222.98	228.38	216.18
14	363419N1196799W001	KRCDKCWD05	Mid-Kings River GSA	B	Irrigation	284	102	284	110	80	104	97.9	99.7	112.67	114.5	112.07
15	363274N1197327W001	18S21E31B001M	Mid-Kings River GSA	B	Unknown	(1)	(1)	(1)	89	59	76.09	68.49	76.39	78.19	82	74.79
16	363992N1195716W001	18S22E03B001M	Mid-Kings River GSA	B	Unknown	(1)	(1)	(1)	140	110	(6)	(6)	(6)	(6)	(6)	(6)
17	364008N1196477W001	18S21E01C001M	Mid-Kings River GSA	B	Unknown	(1)	(1)	(1)	175	145	(4)	(4)	(4)	(4)	(4)	(4)
18	363142N1195685W001	18S22E34R001M	Mid-Kings River GSA	B	Domestic	224	(1)	(1)	119	89	127.7	118.1	122.6	145.37	152.46	152
19	363864N1196193W001	18S22E07A001M	Mid-Kings River GSA	B	Unknown	(1)	(1)	(1)	140	110	(4)	(4)	(4)	(4)	(4)	(4)
20	363572N1195468W001	18S22E24D001M	Mid-Kings River GSA	B	Irrigation	370	240	340	134	104	107.9	105.5	123.5	126.63	144.13	162.43
21	364834N1195404W001	MW-A	Mid-Kings River GSA	B	Monitoring	(1)	(1)	(1)	238	208	220.97	213.27	216.97	239.84	242.25	237.67
22	364452N1195550W001	MW-C	Mid-Kings River GSA	B	Monitoring	(1)	(1)	(1)	205	175	187.21	155.3	178.51	214.35	216.78	204.91
23	364436N1195641W001	MWD INT	Mid-Kings River GSA	B	Monitoring	(1)	(1)	(1)	201	171	185.55	171.04	173.53	219.95	213.63	199.75
24	364304N1195373W001	MWG INT	Mid-Kings River GSA	B	Monitoring	(1)	(1)	(1)	190	160	182.6	174.06	173.81	185.3	186.68	188
25	364303N1195841W001	KRCDKCWD01	Mid-Kings River GSA	B	Irrigation	(1)	(1)	(1)	170	140	162.5	143.9	149.7	166.18	175.68	169.1
26	363393N1195832W001	KRCDKCWD08	Mid-Kings River GSA	B	Irrigation	(1)	(1)	(1)	105	75	82.4	86.7	89	105.19	106.79	93.74
27	363274N1195809W001	MWH INT	Mid-Kings River GSA	B	Monitoring	(1)	(1)	(1)	105	75	103.79	94.27	100.63	106.24	114.64	108.09
28	362892N1196235W001	KRCDKCWD11	Mid-Kings River GSA	B	Unknown	380	165	380	90	60	(7)	(7)	(7)	82.61	100.17	75.07
29	362981N1196189W001	19S22E08D002M	Mid-Kings River GSA	C	Monitoring	665	625	665	NA	-150	-1.2	-39	39.9	25	36.5	-0.6
30	364436N1195648W001	MWD DEEP	Mid-Kings River GSA	C	Monitoring	(1)	(1)	(1)	NA	41	159.85	149.25	164.07	181.5	197.28	169.85
31	364306N1195370W001	MWG DEEP	Mid-Kings River GSA	C	Monitoring	(1)	(1)	(1)	NA	41	142.8	122.7	155.24	156.59	179.72	139.8
32	363277N1195806W001	MWH DEEP	Mid-Kings River GSA	C	Monitoring	(1)	(1)	(1)	NA	-50	32.49	-27.05	52.11	36.26	78.33	3.29
33	362618N1197496W001	KRCDKCWD06	Mid-Kings River GSA	C	Unknown	520	290	500	NA	-250	-82.1	-103.5	-8	-2.18	25.31	(8)
34	363305N1198258W001	AG-1	South Fork Kings GSA	A	Agricultural	60	(1)	(1)	194	184	194.48	192.56	193.25	193.5	195.04	193.99
35	362500N1198310W001	19S20E29E002M	South Fork Kings GSA	A	Monitoring	(1)	(1)	(1)	170	160	164.83	164.95	167.22	167.36	168.73	168.45
36	361700N1198510W001	20S19E25A003M	South Fork Kings GSA	A	Piezometer	(1)	(1)	(1)	187	177	179.99	179.33	182.82	180.49	182.96	180.45
37	363500N1197800W003	KRCDAC1S	South Fork Kings GSA	A	Monitoring	60	40	60	196	186	191.51	192.83	194.8	197.34	195.79	196.61
38	363144N1197968W001	18S20E34N001M	South Fork Kings GSA	B	Domestic	132	118	132	110	80	95.04	94.54	95.04	94.44	95.52	95.8
39	363349N1198129W001	LR-4	South Fork Kings GSA	B	Agricultural	390	210	390	62	32	61.38	(9)	(9)	67.04	69.87	59.65
40	363244N1198264W001	LR-18	South Fork Kings GSA	B	Unknown	450	210	450	-40	-70	-32.78	-57.72	3.4	27.01	(10)	16.7
41	361893N1198706W001	SL-1	South Fork Kings GSA	B	Monitoring	349	330	340	60	30	64.57	55.56	46.79	64.51	77.68	76.35
42	363315N1198269W001	LR-19	South Fork Kings GSA	B	Unknown	540	340	540	-40	-70	-38.34	(10)	(10)	18.78	(10)	1.62
43	363133N1198512W001	19S20E06D004M	South Fork Kings GSA	B	Unknown	498	258	498	25	-5	78.62	-112.22	-12.56	(6)	0.72	0.72
44	362410N1197802W001	CU ELEMENTARY SCHOOL	South Fork Kings GSA	B	Public	(1)	(1)	(1)	-80	-110	-101.9	-142.23	-99.71	-32.92	-13.63	-36.18
45	361600N1197800W001	KRCDAC5M	South Fork Kings GSA	B	Monitoring	320	295	315	53	23	41.1	39.78	44.49	65.33	48.51	51.93
46	362400N1198300W002	KRCDAC3M	South Fork Kings GSA	B	Unknown	360	340	360	-75	-105	-79.38	-112.49	-48.12	-18.41	0.08	-17.53
47	362400N1198300W001	KRCDAC3D	South Fork Kings GSA	B	Monitoring	500	430	450	-75	-105	-79.73	-112.94	-46.19	-17.9	0.64	-16.96
48	363500N1197800W002	KRCDAC1M	South Fork Kings GSA	B	Unknown	280	260	280	-10	-40	-1.22	-32.97	35.9	39.27	48.04	22.7
49	363500N1197800W001	KRCDAC1D	South Fork Kings GSA	B	Unknown	500	440	460	-10	-40	-4.49	-35.6	33.04	35.82	50.64	20.9
50	363863N1197745W001	1610005-009	South Fork Kings GSA	B	Public	455	(1)	(1)	43	13	84.56	94.36	83.36	79	80.02	79.85
51	362061N1198388W001	20S20E07H001M	South Fork Kings GSA	C	Domestic	1980	750	1980	NA	-350	-29.28	-65.34	-30.11	-12.45	0.15	-6.82
52	363133N1198477W002	19S20E06D005M	South Fork Kings GSA	C	Irrigation	940	620	940	NA	-250	-92.42	(3)	(3)	-15.01	0.74	-25.27

Table A-1: Groundwater Level Representative Monitoring Site Water Surface Elevation Data

Tulare Lake Subbasin WY 2024 Annual Report

No.	Site Code	Local Well Name	GSA	Aquifer	Well Type	Depth ²	Top of Screen ²	Bottom of Screen ²	MO ¹	MT ¹	Spring 2022 ¹	Fall 2022 ¹	Spring 2023 ¹	Fall 2023 ¹	Spring 2024 ¹	Fall 2024 ¹
53	361617N1198124W001	20S20E28E003M	South Fork Kings GSA	C	Irrigation	(1)	(1)	(1)	NA	-350	172.36	-63.75	-42.52	-15.11	-25	-43.9
54	361600N1197700W001	KRCDAC5D	South Fork Kings GSA	C	Monitoring	600	500	520	NA	-350	-57.6	-90.93	41.35	45.81	-11.34	-20.52
55	362944N1198055W001	1610005-011	South Fork Kings GSA	C	Public	1577	822	958	NA	-250	-75.68	-103.98	-50.78	-20.03	0.72	-28.79
56	363840N1197762W002	1610005-020	South Fork Kings GSA	C	Public	773	650	750	NA	-250	-0.68	4.32	7.62	31.56	52.42	24.25
57	362258N1198699W001	20S/19E-02A01	South Fork Kings GSA	C	Irrigation	2130	869	2090	NA	-350	(4)	-152.3	-116.1	(4)	-33.7	-32.6
58	360074N1199605W001	Becky Pease Well	Southwest Kings GSA	B	Municipal	700	400	630	95	65	96.99	89.41	93.95	91.42	97.04	99.27
59	360879N1199263W001	Well 16-8	Southwest Kings GSA	C	Irrigation	(1)	(1)	(1)	NA	-450	-258.66	-252.57	-123.7	-125.85	-114.53	-95.71
60	358036N1195732W001	FB 35-2	Tri-County Water Authority GSA	C	Irrigation	1050	640	1000	NA	-150	-165.75	-199.04	-130.84	-130.97	-94.3	-136.48
61	357906N1195913W001	ZE 33-4	Tri-County Water Authority GSA	C	Irrigation	980	450	960	NA	-250	-41.85	-86.01	-30.02	-29.5	19.8	-58.7

Notes:

1 = units of feet mean sea level.

2 = Units in feet below ground surface.

MO = Measurable Objective elevation.

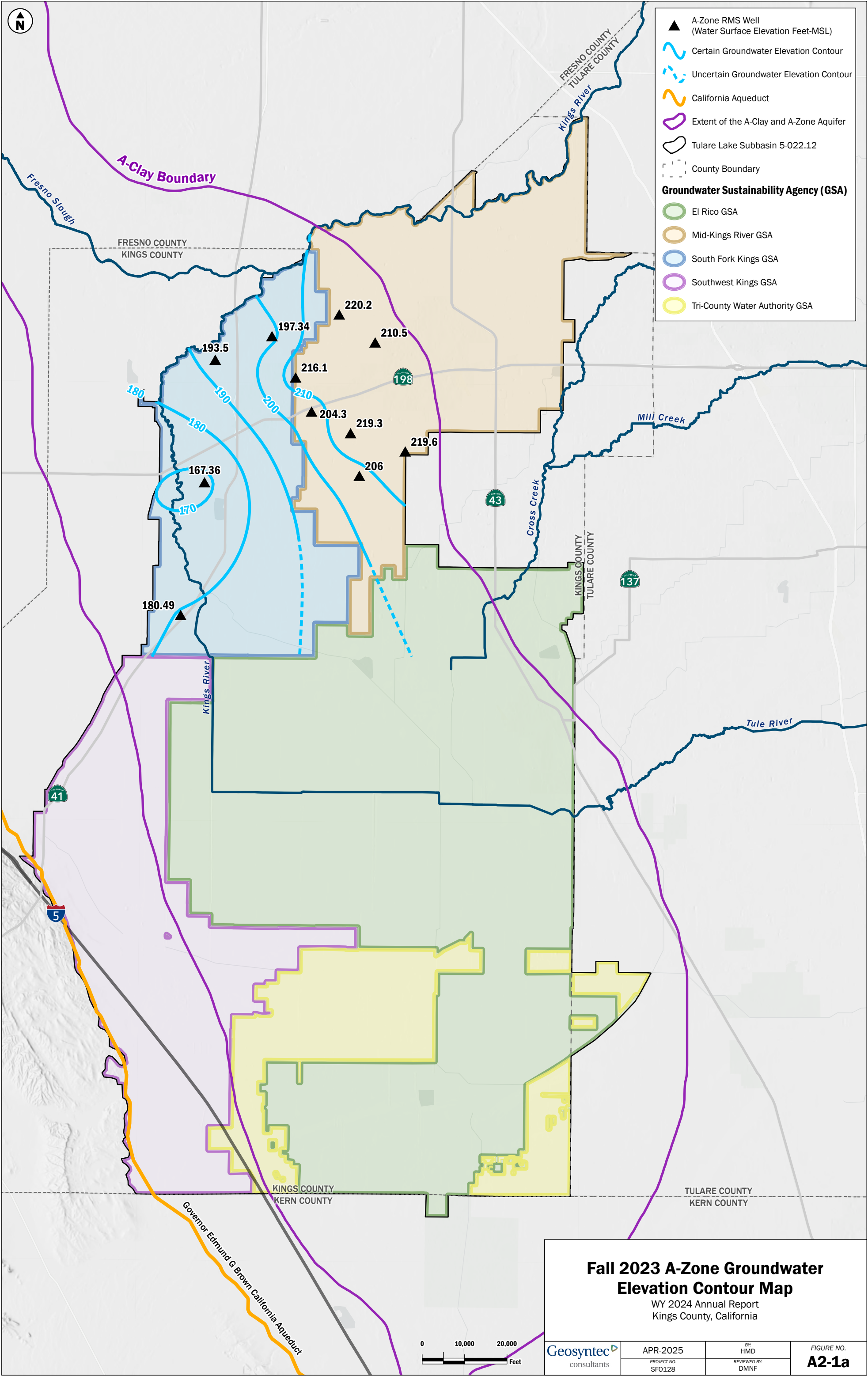
MT = Minimum Threshold elevation.

NA = Not Applicable.

Missing water level measurement data codes:

- (1) No data available.
- (2) Temporarily inaccessible.
- (3) Special/Other.
- (4) Well has been destroyed.
- (5) Pump house locked.
- (6) Can't get tape in casing.
- (7) Unable to locate well.
- (8) Dry well.
- (9) Pumping.
- (10) Measurement discontinued.

Appendix A2
Groundwater Elevation Contour
Maps



**Fall 2023 A-Zone Groundwater
Elevation Contour Map**

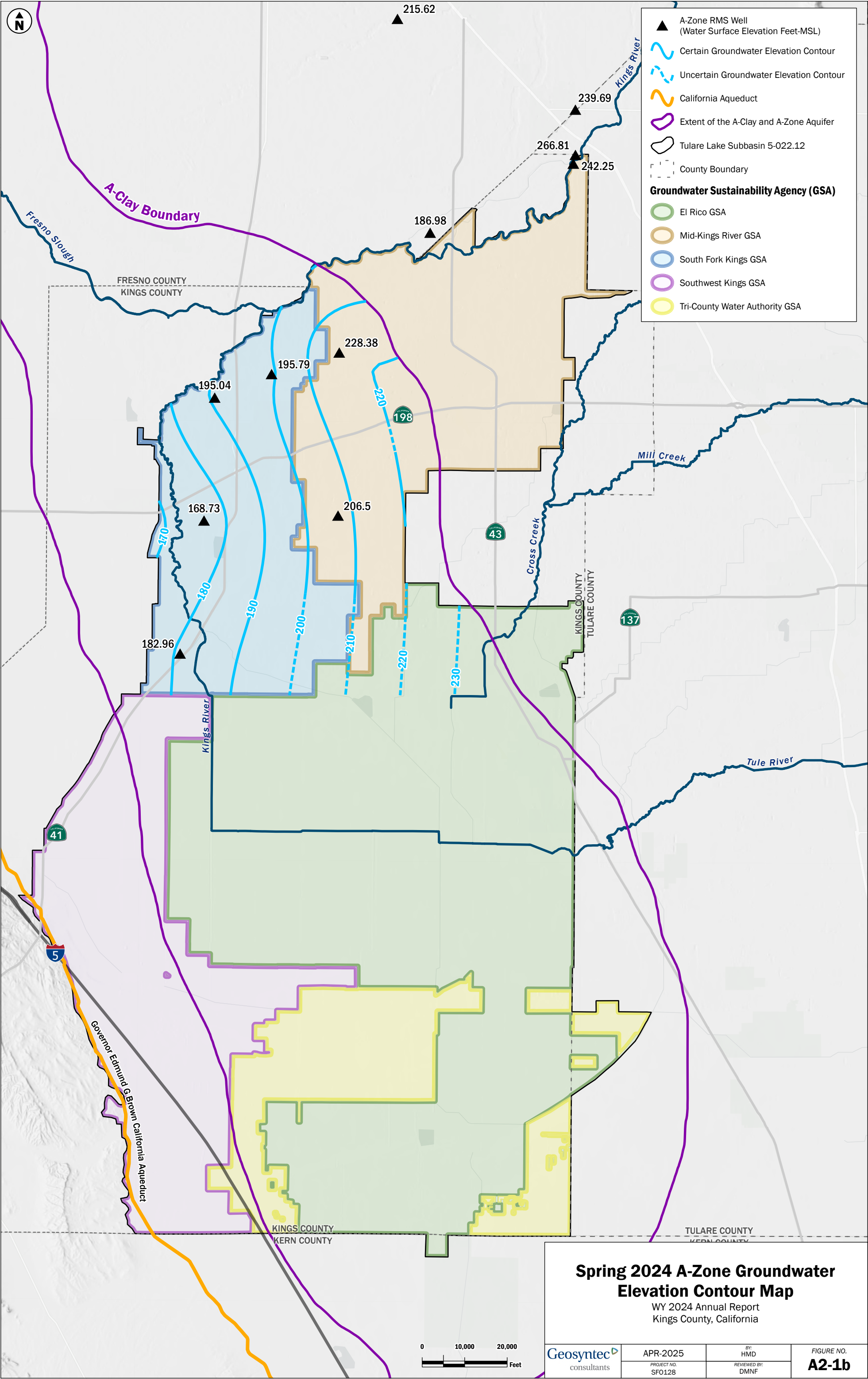
WY 2024 Annual Report
Kings County, California

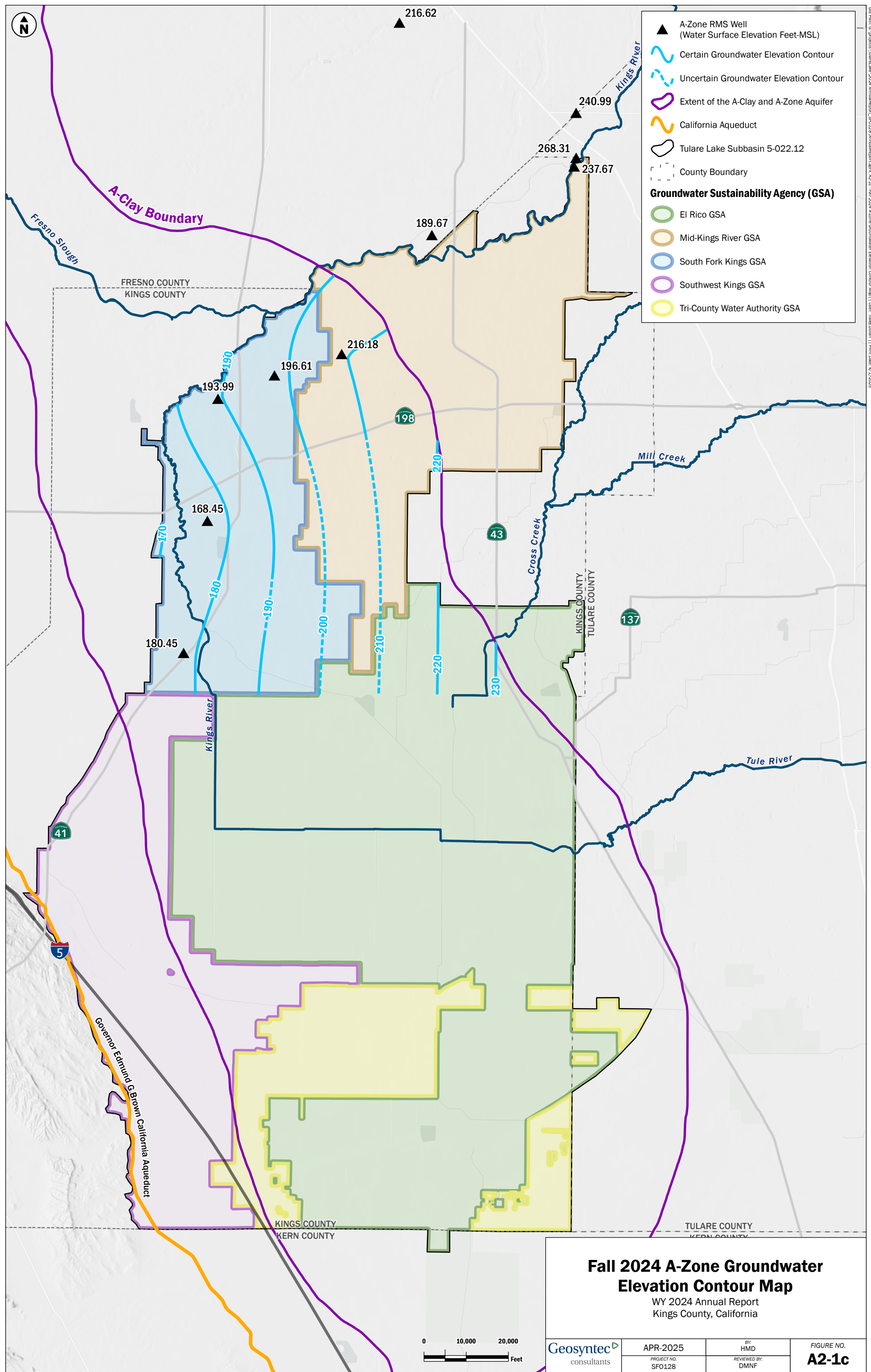
Geosyntec
consultants

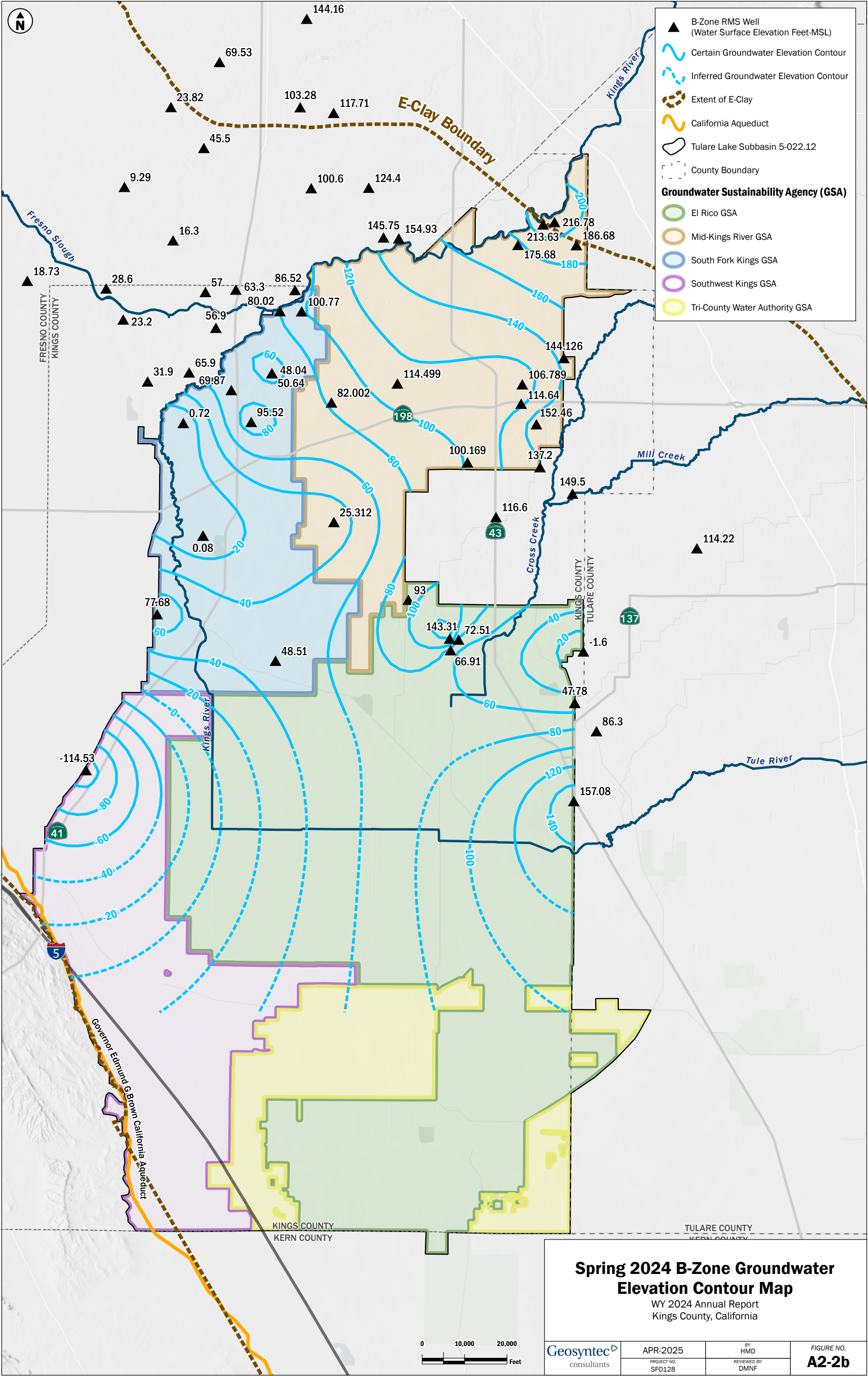
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PROJECT NO.
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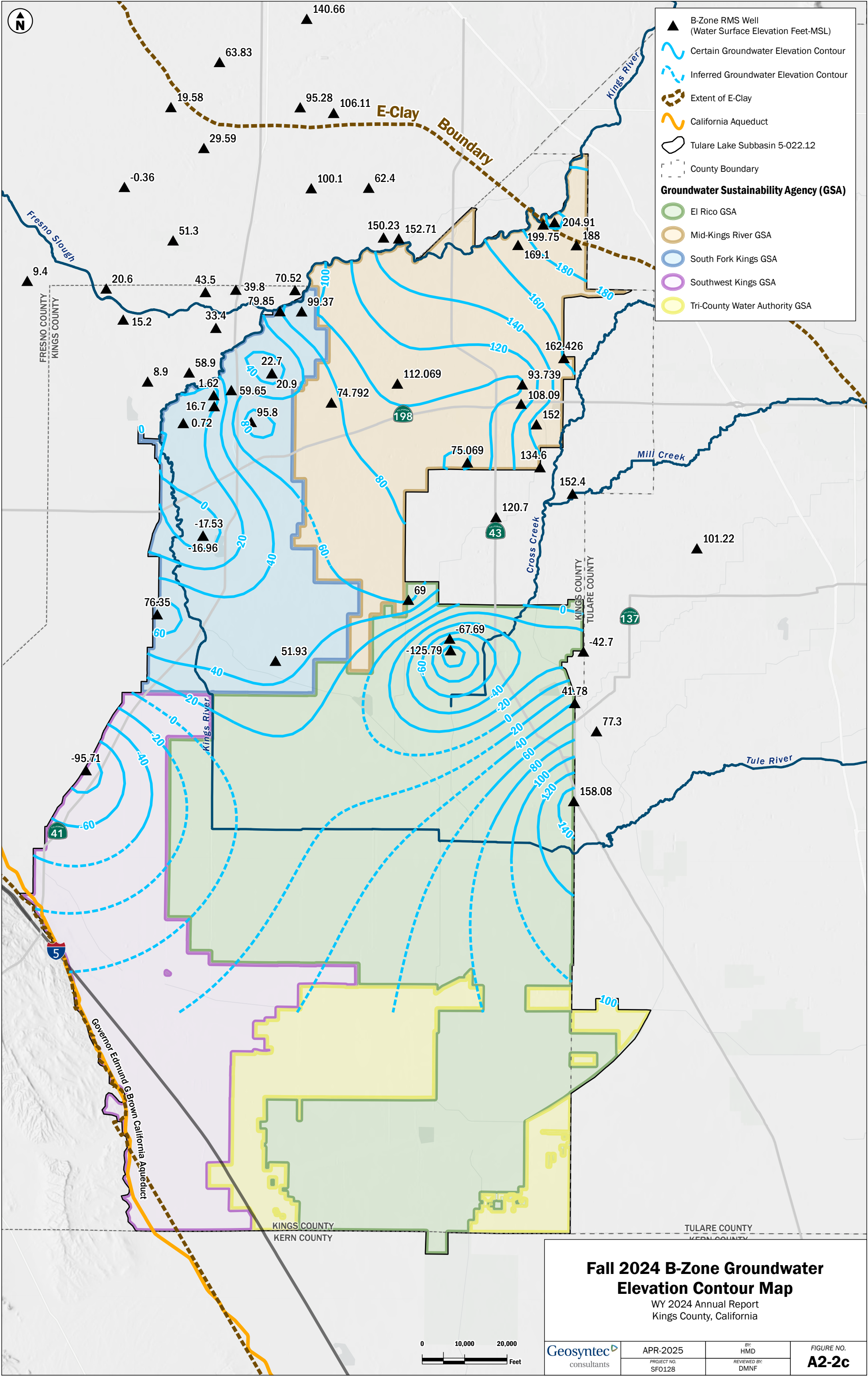
BY:
HMD
REVIEWED BY:
DMNF

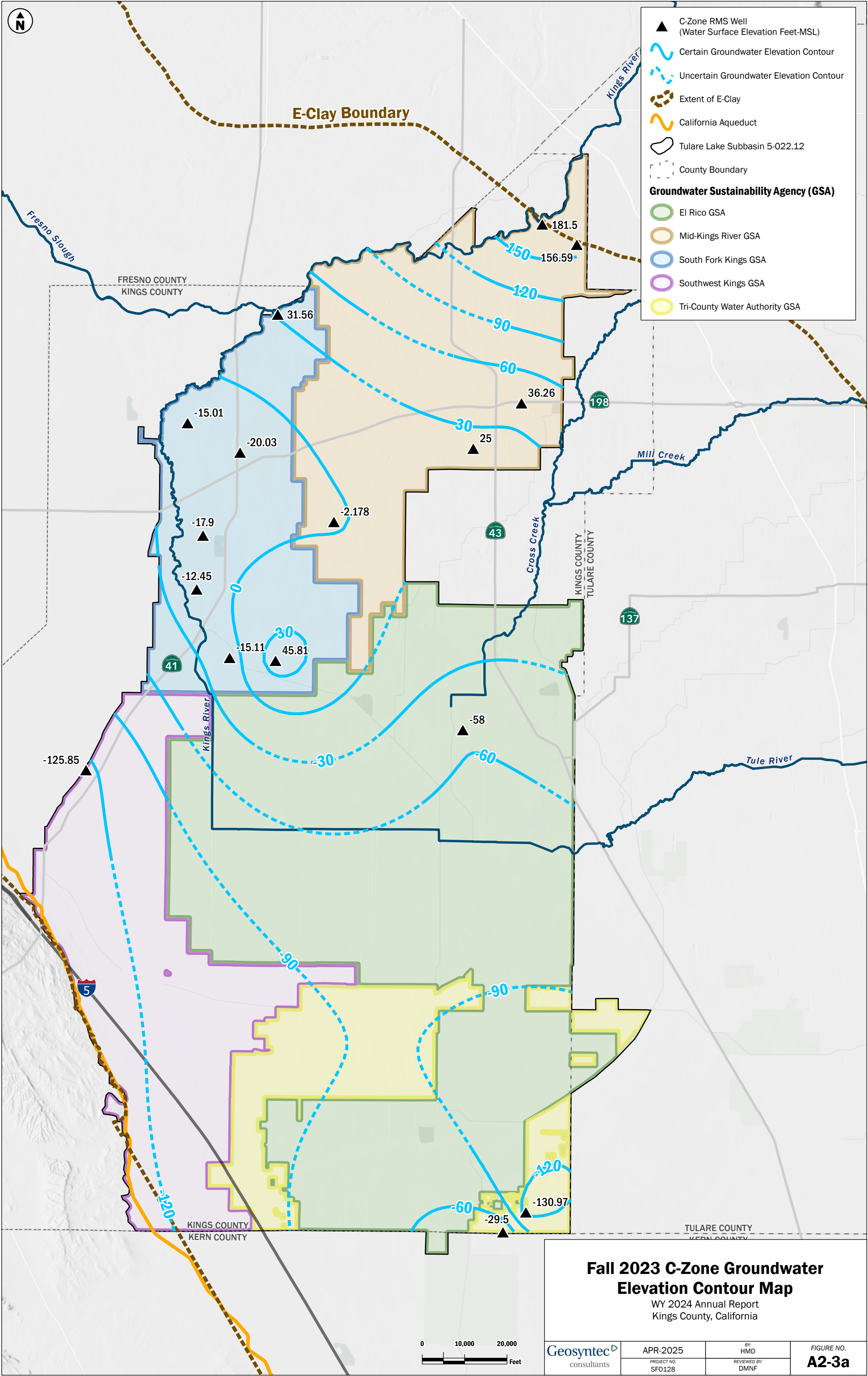
FIGURE NO.
A2-1a

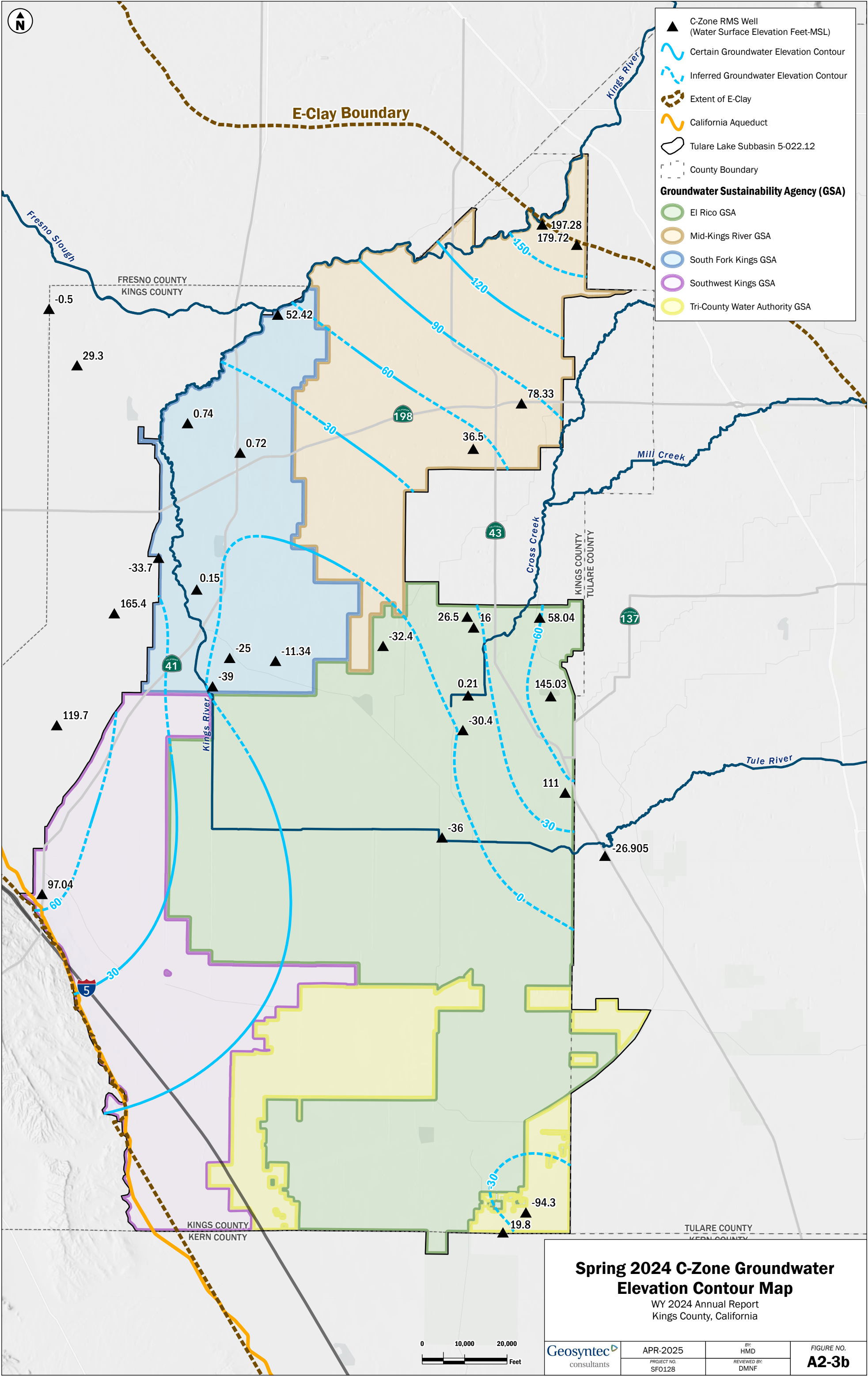


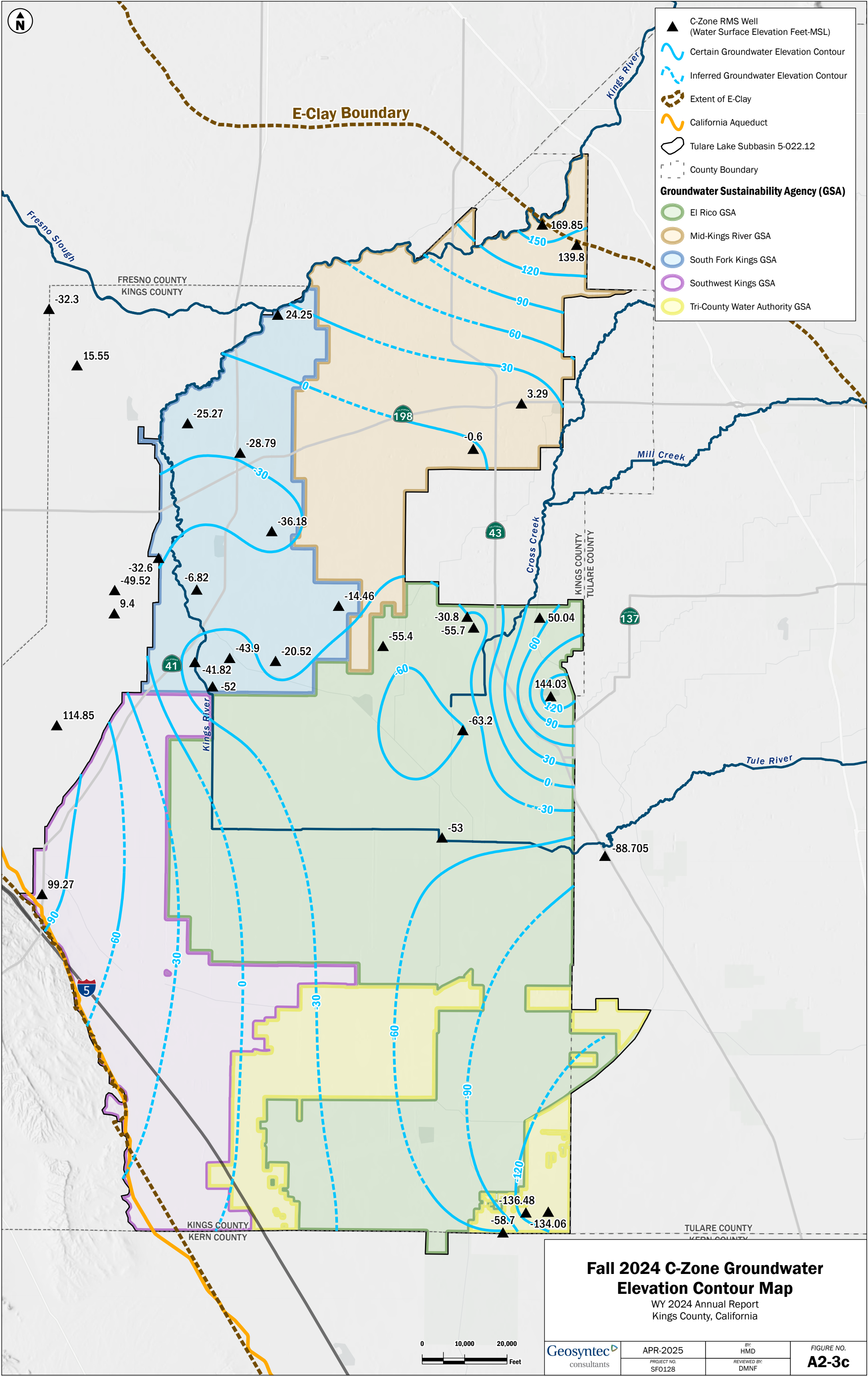


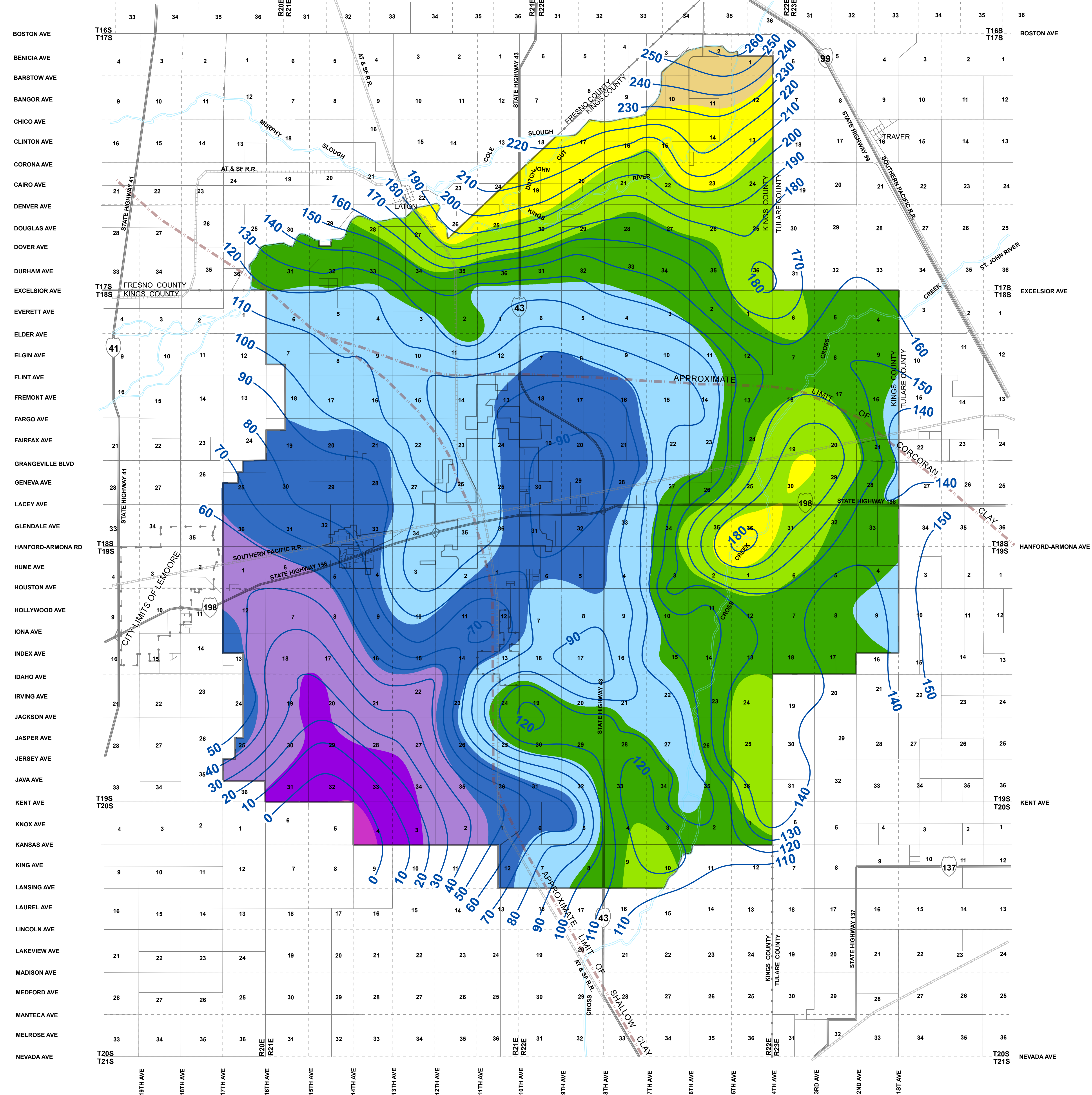












KINGS COUNTY WATER DISTRICT
ELEVATION OF WATER IN WELLS
SPRING 2024
(FOREBAY AND LOWER UNCONFINED AQUIFER)

AVERAGE DEPTH TO
WATER IN WELLS : 130.1 FT

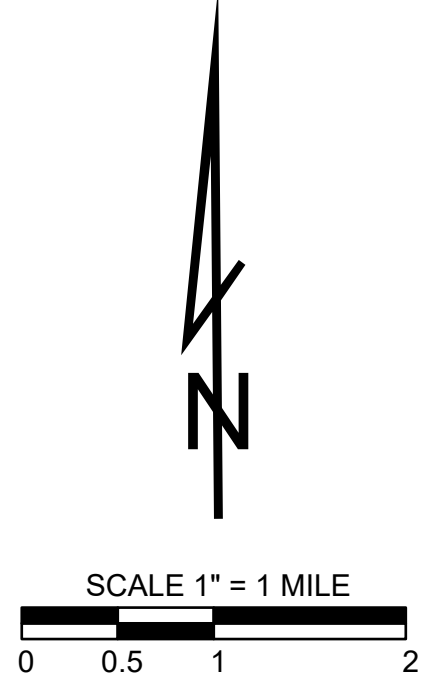
LEGEND

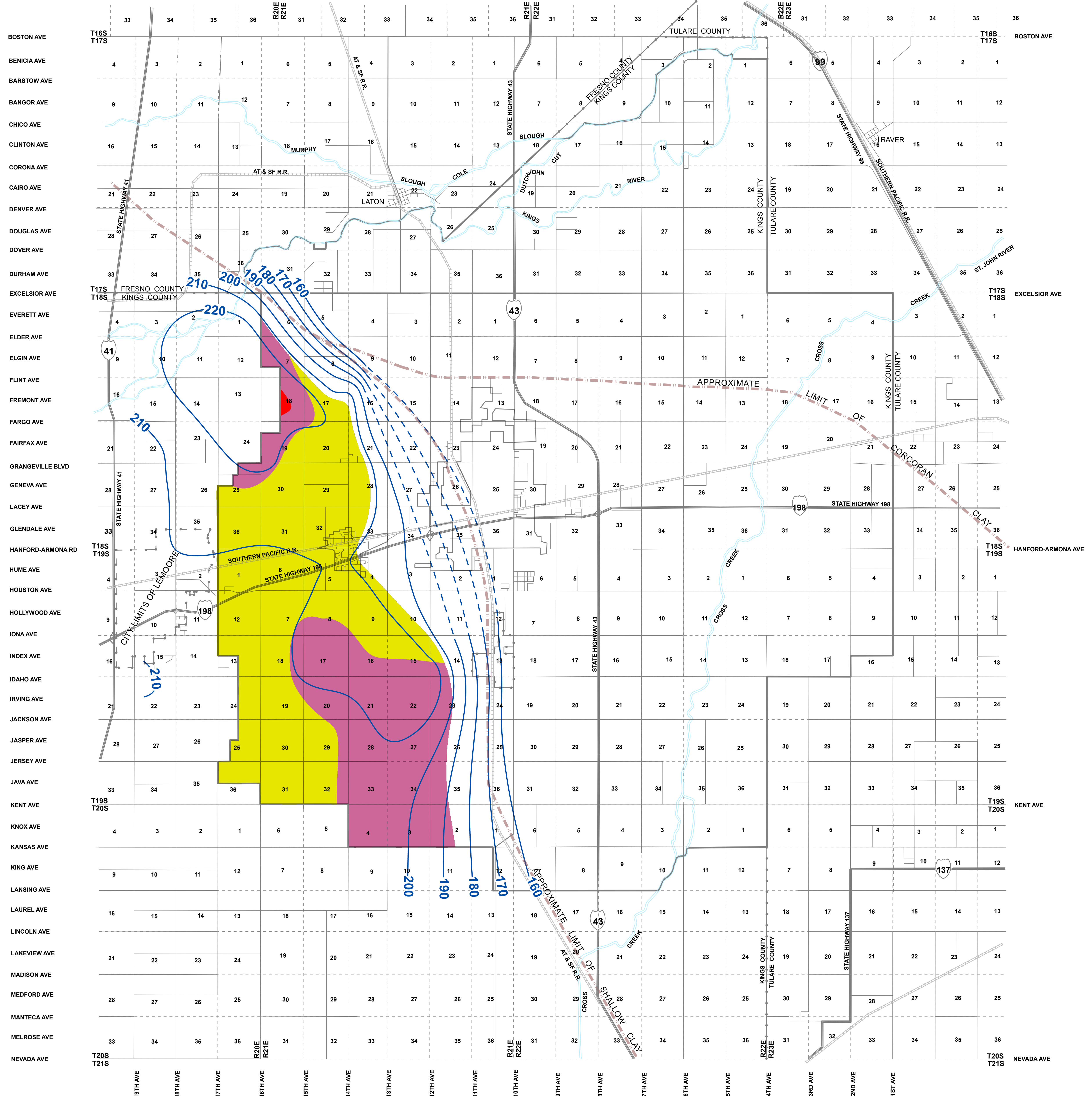
- KINGS COUNTY WATER DISTRICT BOUNDARY
- STATE HIGHWAYS
- MAIN ROADS
- STANDARD ROADS
- SECTION LINES
- RAILROAD TRACKS
- LINE OF EQUAL ELEVATION

DEPTH TO WATER IN WELLS

BETWEEN 0 AND 50 FEET	BETWEEN 175 AND 200 FEET
BETWEEN 50 AND 75 FEET	BETWEEN 200 AND 225 FEET
BETWEEN 75 AND 100 FEET	BETWEEN 225 AND 250 FEET
BETWEEN 100 AND 125 FEET	
BETWEEN 125 AND 150 FEET	
BETWEEN 150 AND 175 FEET	

Figure
A2-4





KINGS COUNTY WATER DISTRICT
ELEVATION OF WATER IN WELLS
SPRING 2024
(SHALLOW GROUNDWATER ABOVE A-CLAY)

AVERAGE DEPTH TO
WATER IN WELLS : 21.1 FT

LEGEND

- KINGS COUNTY WATER DISTRICT BOUNDARY
- STATE HIGHWAYS
- MAIN ROADS
- STANDARD ROADS
- SECTION LINES
- RAILROAD TRACKS
- LINES OF EQUAL ELEVATION

DEPTH TO WATER IN WELLS

- BETWEEN 10 AND 20 FEET
- BETWEEN 20 AND 30 FEET
- BETWEEN 30 AND 40 FEET

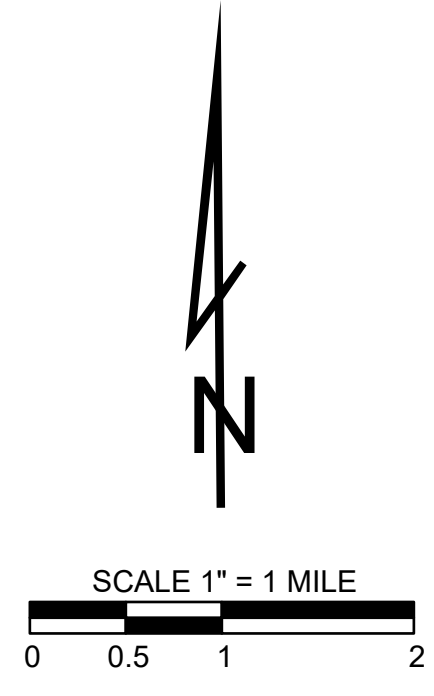


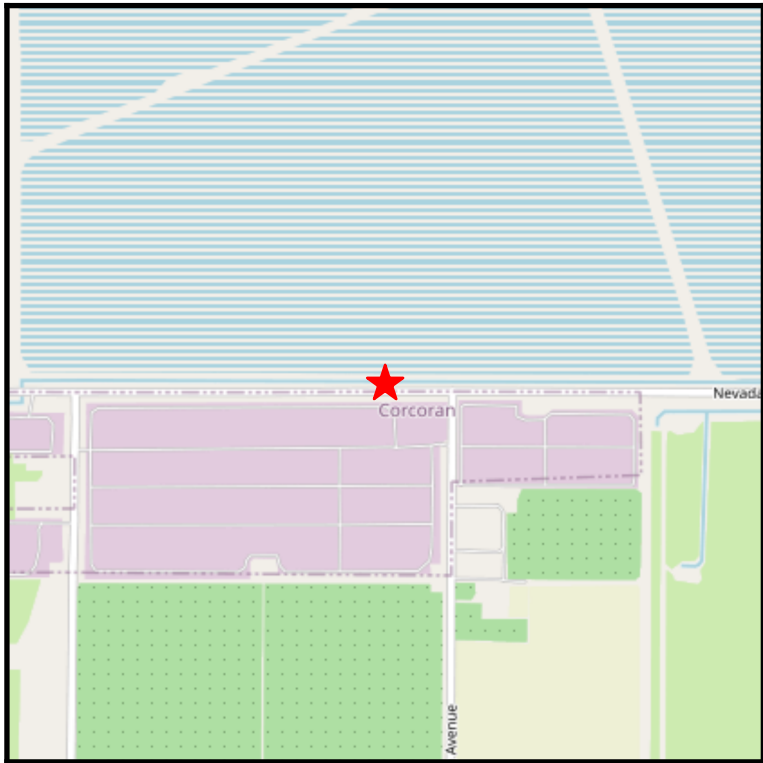
Figure
A2-5

Appendix A3

Hydrographs

361381N1195558W001 - ER_CID_05 - El Rico GSA

El Rico GSA RMS Location



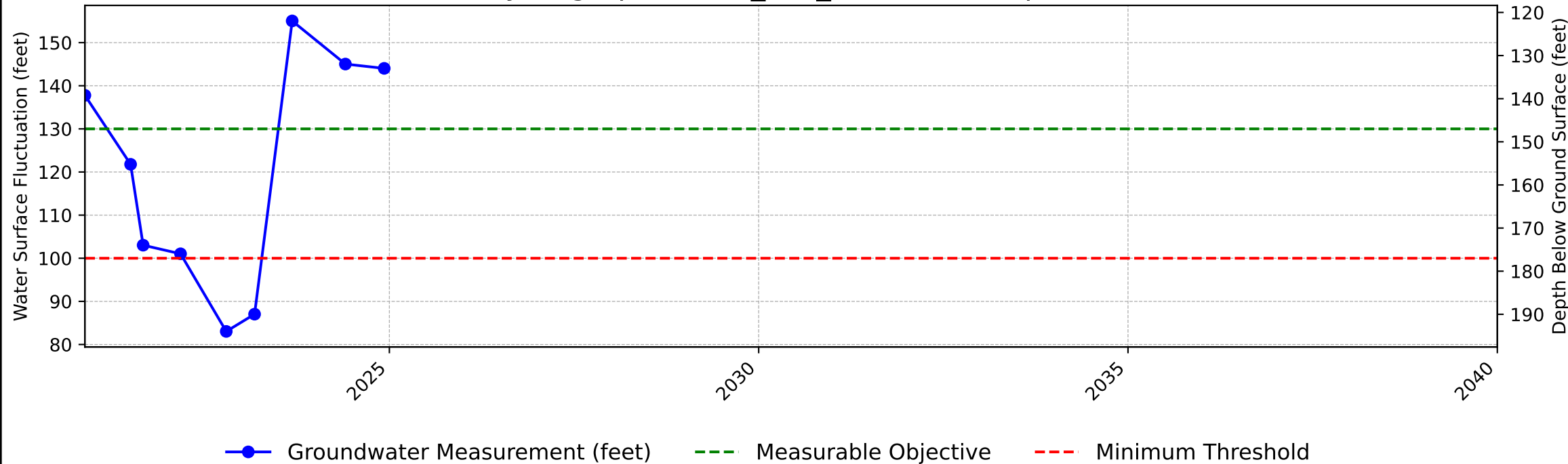
Well Construction Details

Site Code	: 361381N1195558W001
Local Well Name	: ER_CID_05
Monitoring Network Type	: SGMA Representative
Latitude	: 36.13809
Longitude	: -119.55579
Reference Point (feet Elevation)	: 193.03
Ground Surface (feet Elevation)	: 192.37
Well Depth (feet bgs)	: 350
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 130.0
Minimum Threshold elevation (feet)	: 100.0

Hydrograph for ER_CID_05, B-zone Aquifer



360702N1195369W001 - ER_CID-071 - El Rico GSA

El Rico GSA RMS Location



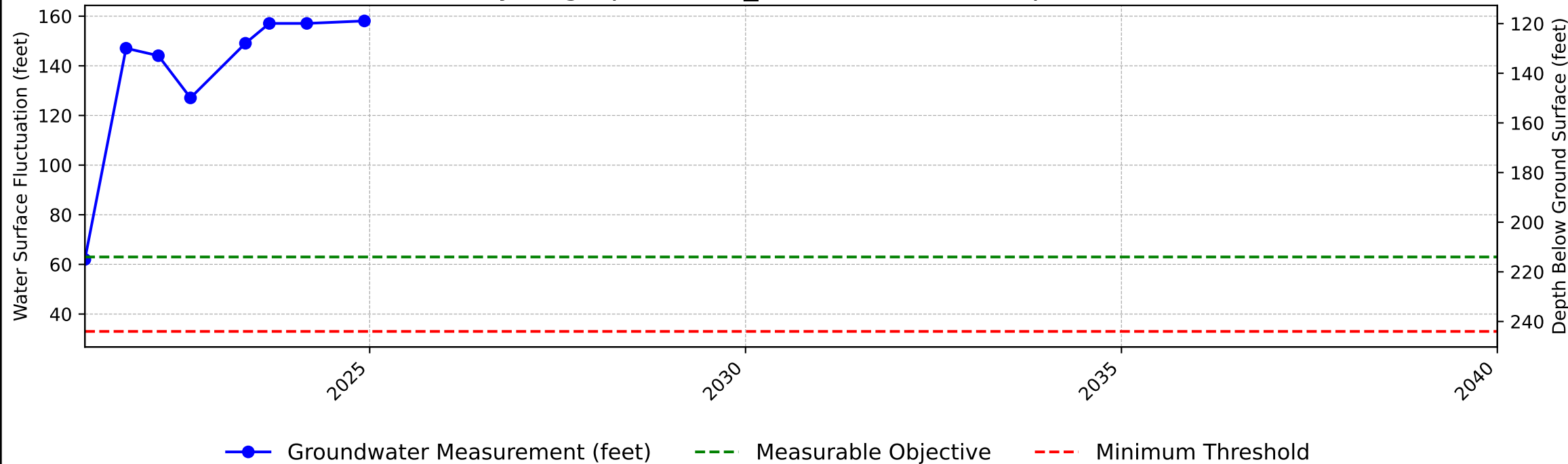
Well Construction Details

Site Code	: 360702N1195369W001
Local Well Name	: ER_CID-071
Monitoring Network Type	: SGMA Representative
Latitude	: 36.07025
Longitude	: -119.53695
Reference Point (feet Elevation)	: 189.08
Ground Surface (feet Elevation)	: 188.15
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 63.0
Minimum Threshold elevation (feet)	: 33.0

Hydrograph for ER_CID-071, B-zone Aquifer



362000N1196700W001 - KRCDTL002 - El Rico GSA

El Rico GSA RMS Location



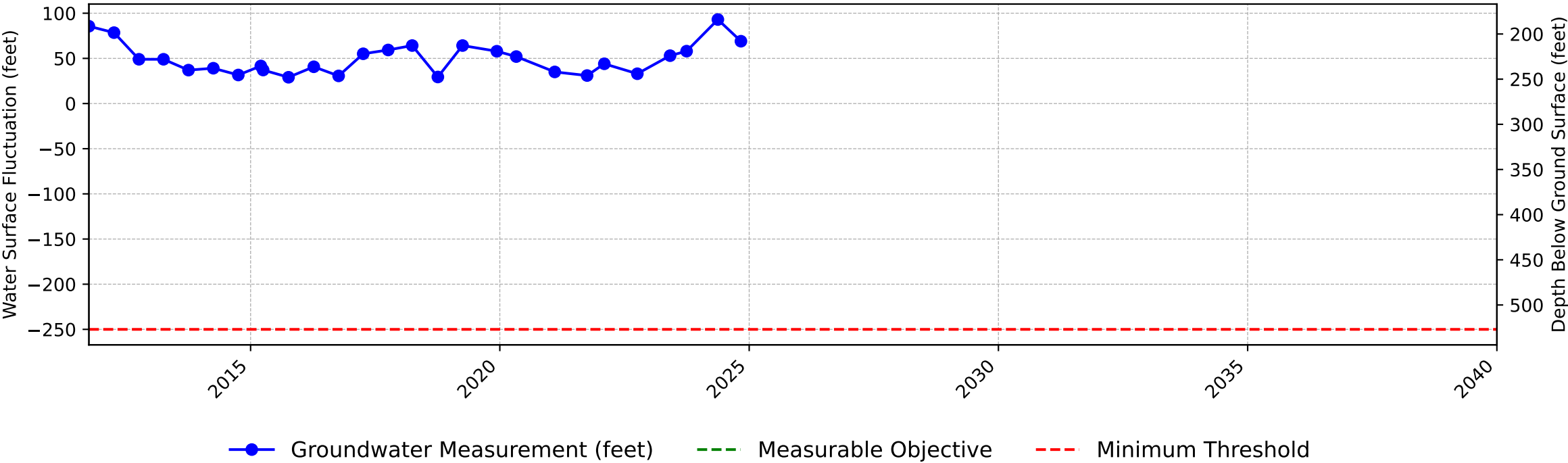
Well Construction Details

Site Code	: 362000N1196700W001
Local Well Name	: KRCDTL002
Monitoring Network Type	: SGMA Representative
Latitude	: 36.2
Longitude	: -119.67
Reference Point (feet Elevation)	: 197.0
Ground Surface (feet Elevation)	: 195.3
Well Depth (feet bgs)	: 825
Top Perforation (feet bgs)	: 558.0
Bottom Perforation (feet bgs)	: 798.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -250.0

Hydrograph for KRCDTL002, C-zone Aquifer



361700N1196900W001 - KRCDTL003 - El Rico GSA

El Rico GSA RMS Location



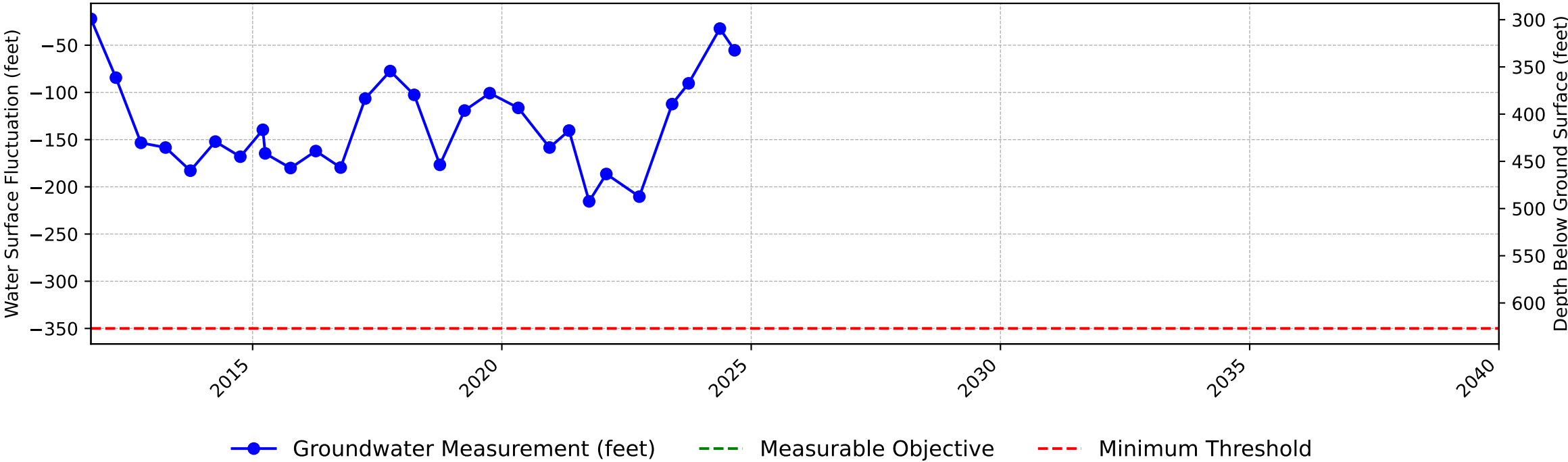
Well Construction Details

Site Code	: 361700N1196900W001
Local Well Name	: KRCDTL003
Monitoring Network Type	: SGMA Representative
Latitude	: 36.17
Longitude	: -119.69
Reference Point (feet Elevation)	: 195.6
Ground Surface (feet Elevation)	: 193.1
Well Depth (feet bgs)	: 1619
Top Perforation (feet bgs)	: 624.0
Bottom Perforation (feet bgs)	: 1444.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

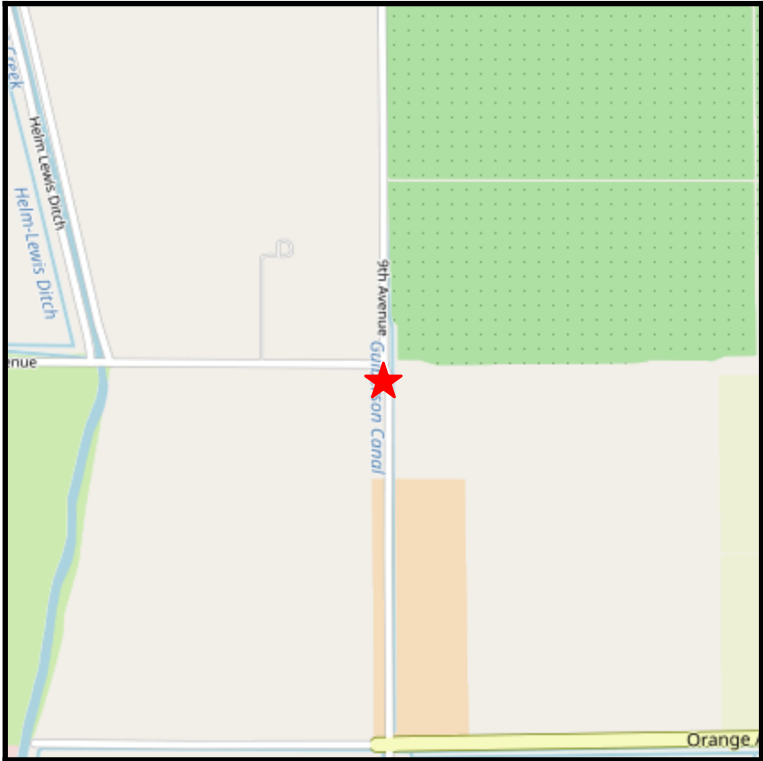
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -350.0

Hydrograph for KRCDTL003, C-zone Aquifer



361158N1196258W001 - 21S22E07J001M - El Rico GSA

El Rico GSA RMS Location



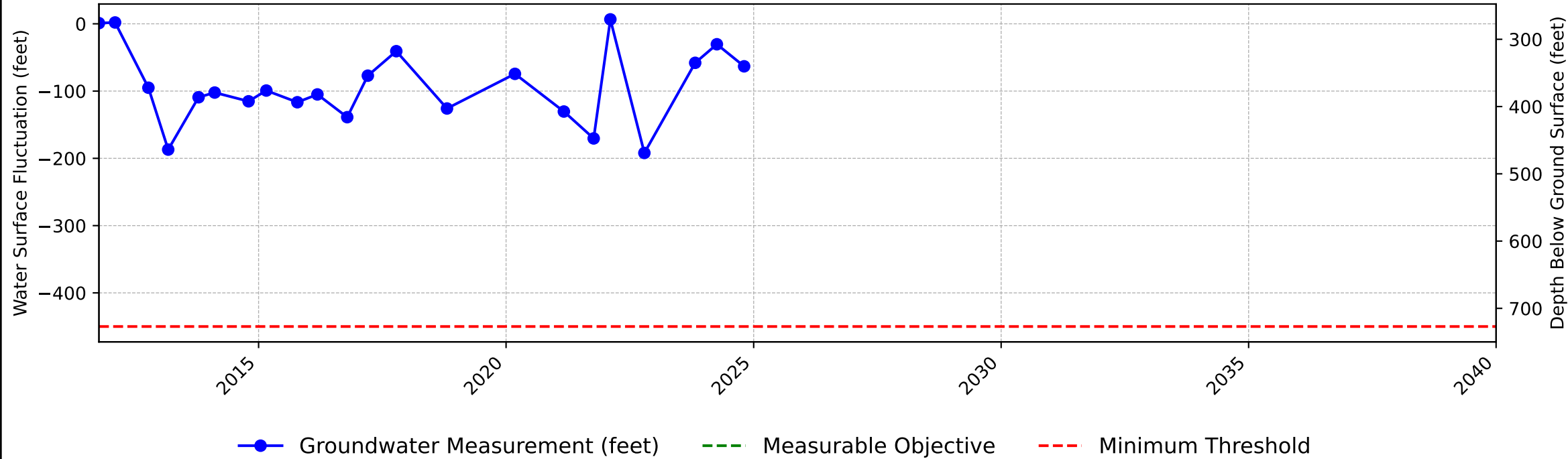
Well Construction Details

Site Code	: 361158N1196258W001
Local Well Name	: 21S22E07J001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.11581
Longitude	: -119.62581
Reference Point (feet Elevation)	: 204.6
Ground Surface (feet Elevation)	: 205.1
Well Depth (feet bgs)	: 775
Top Perforation (feet bgs)	: 735.0
Bottom Perforation (feet bgs)	: 775.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -450.0

Hydrograph for 21S22E07J001M, C-zone Aquifer



361429N1198259W001 - ER_S-225 - El Rico GSA

El Rico GSA RMS Location



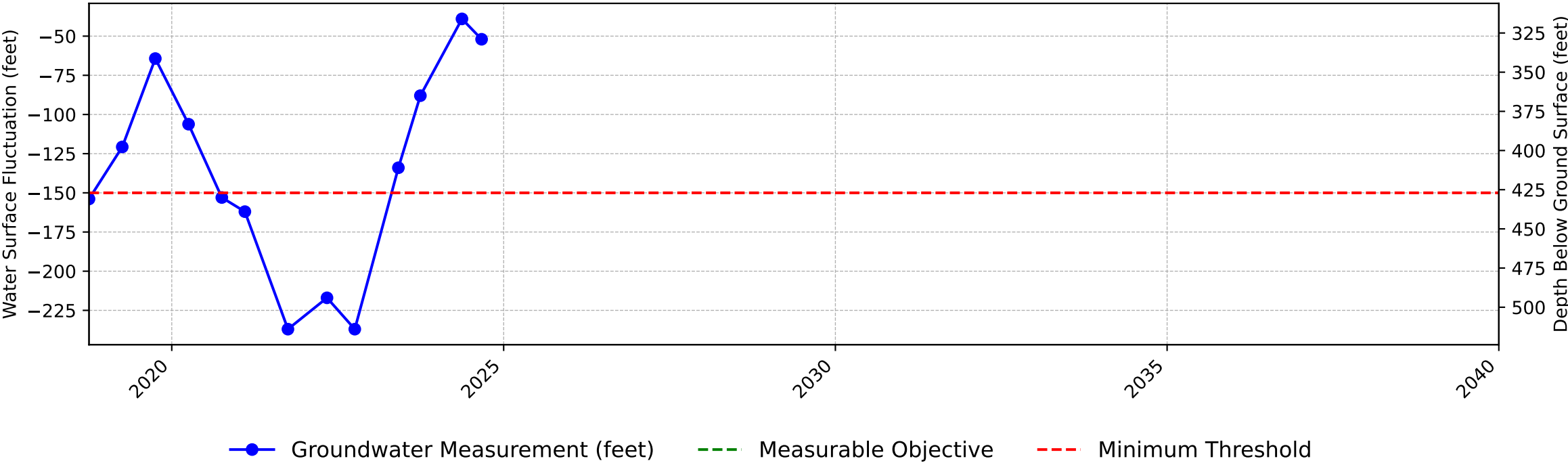
Well Construction Details

Site Code	: 361429N1198259W001
Local Well Name	: ER_S-225
Monitoring Network Type	: SGMA Representative
Latitude	: 36.14294
Longitude	: -119.82593
Reference Point (feet Elevation)	: 189.0
Ground Surface (feet Elevation)	: 189.0
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -150.0

Hydrograph for ER_S-225, C-zone Aquifer



360757N1195438W001 - ER_S-173 - El Rico GSA

El Rico GSA RMS Location



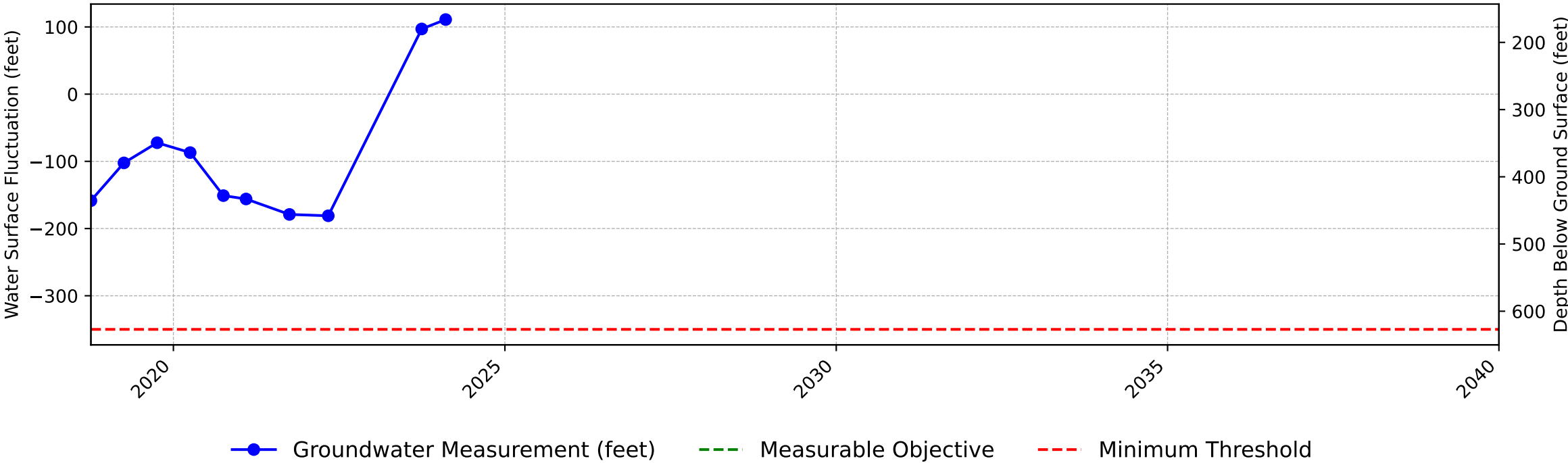
Well Construction Details

Site Code	: 360757N1195438W001
Local Well Name	: ER_S-173
Monitoring Network Type	: SGMA Representative
Latitude	: 36.07568
Longitude	: -119.54382
Reference Point (feet Elevation)	: 208.0
Ground Surface (feet Elevation)	: 208.0
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

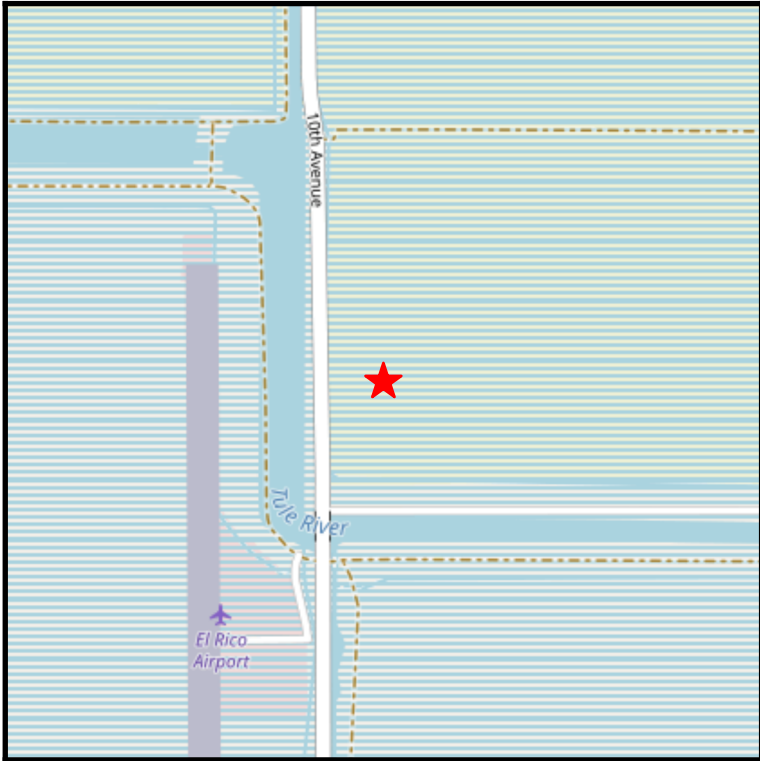
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -350.0

Hydrograph for ER_S-173, C-zone Aquifer



360462N1196418W001 - ER_S-205 - El Rico GSA

El Rico GSA RMS Location



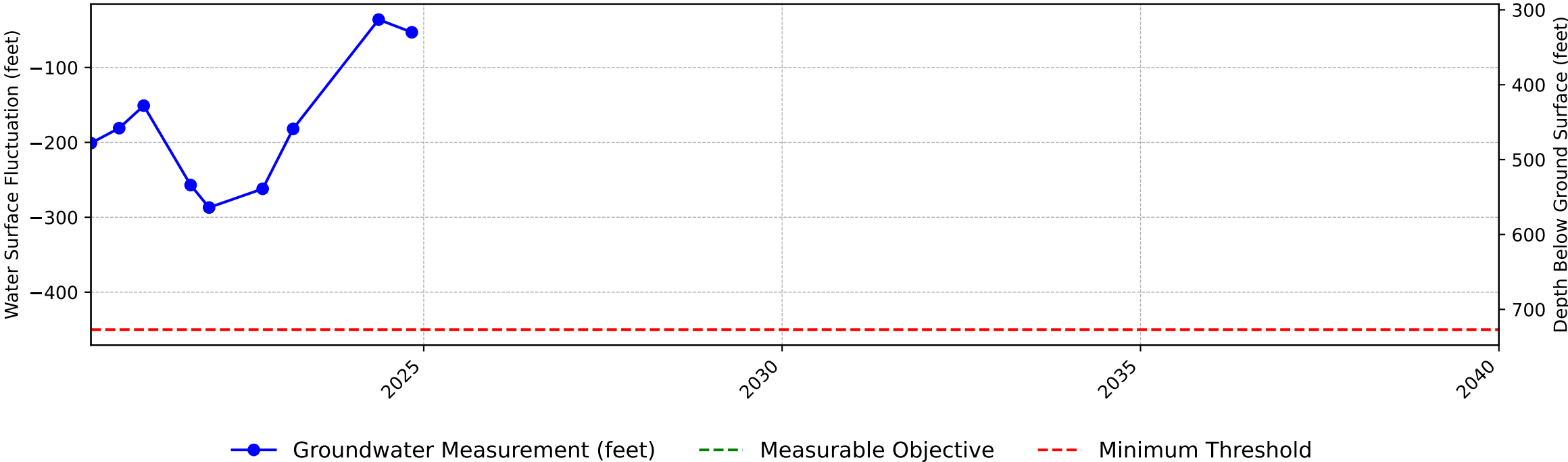
Well Construction Details

Site Code	: 360462N1196418W001
Local Well Name	: ER_S-205
Monitoring Network Type	: SGMA Representative
Latitude	: 36.04618
Longitude	: -119.64184
Reference Point (feet Elevation)	: 188.0
Ground Surface (feet Elevation)	: 188.0
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -450.0

Hydrograph for ER_S-205, C-zone Aquifer



361338N1195366W001 - ER_CID_081 - El Rico GSA

El Rico GSA RMS Location



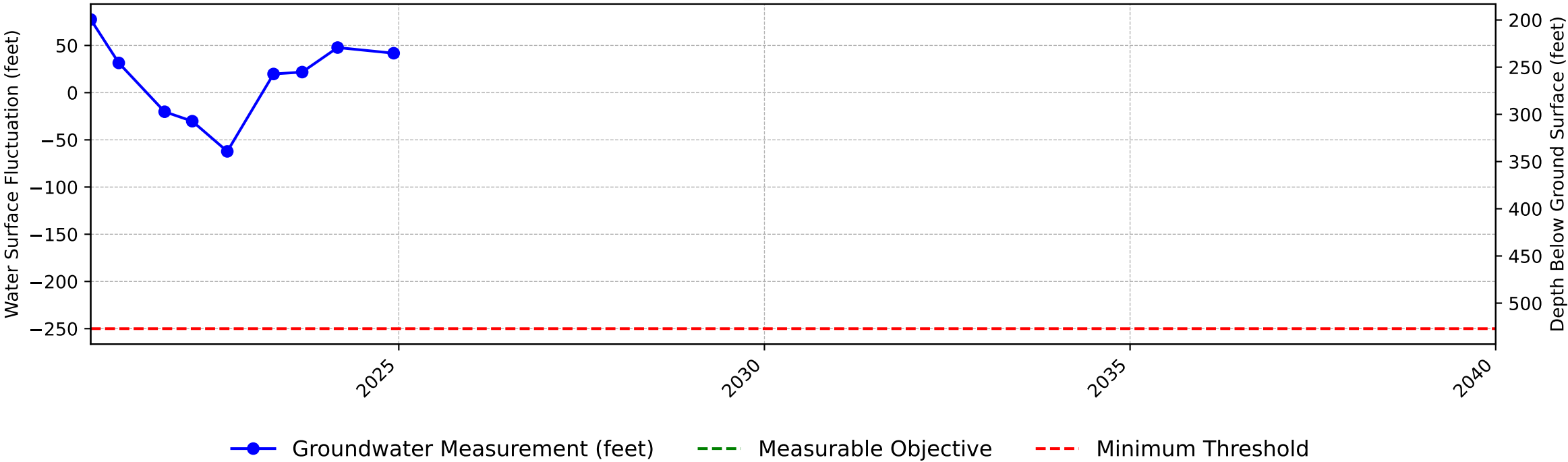
Well Construction Details

Site Code	: 361338N1195366W001
Local Well Name	: ER_CID_081
Monitoring Network Type	: SGMA Representative
Latitude	: 36.13381
Longitude	: -119.53659
Reference Point (feet Elevation)	: 199.78
Ground Surface (feet Elevation)	: 198.18
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -250.0

Hydrograph for ER_CID_081, C-zone Aquifer



361890N1195650W001 - ER_CID_01 - El Rico GSA

El Rico GSA RMS Location



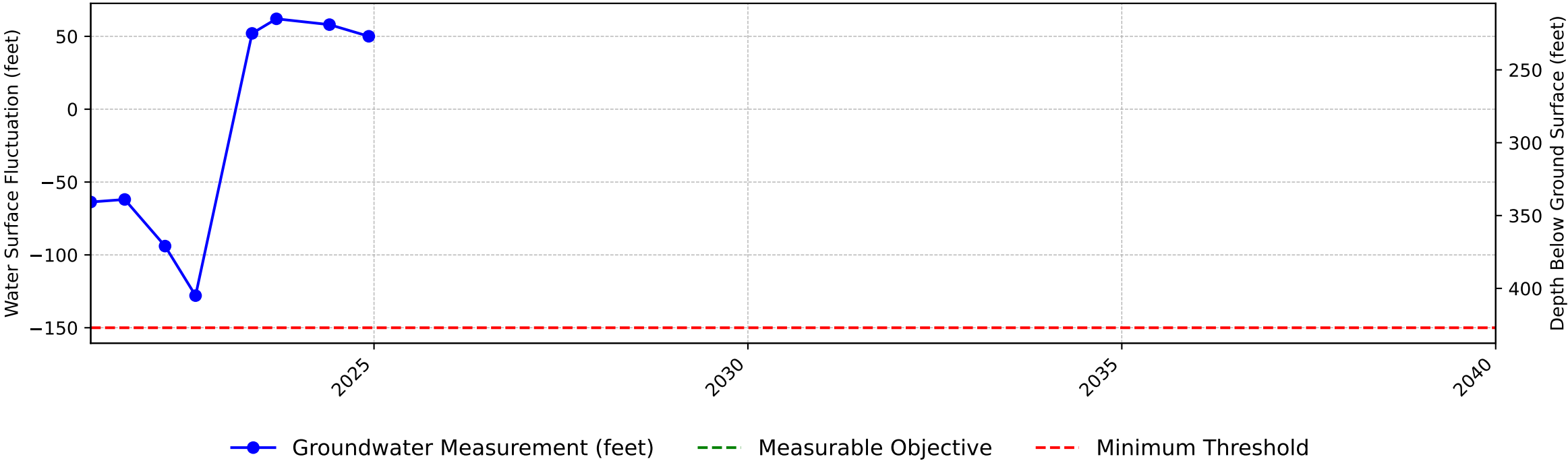
Well Construction Details

Site Code	: 361890N1195650W001
Local Well Name	: ER_CID_01
Monitoring Network Type	: SGMA Representative
Latitude	: 36.18896
Longitude	: -119.56496
Reference Point (feet Elevation)	: 202.04
Ground Surface (feet Elevation)	: 200.79
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

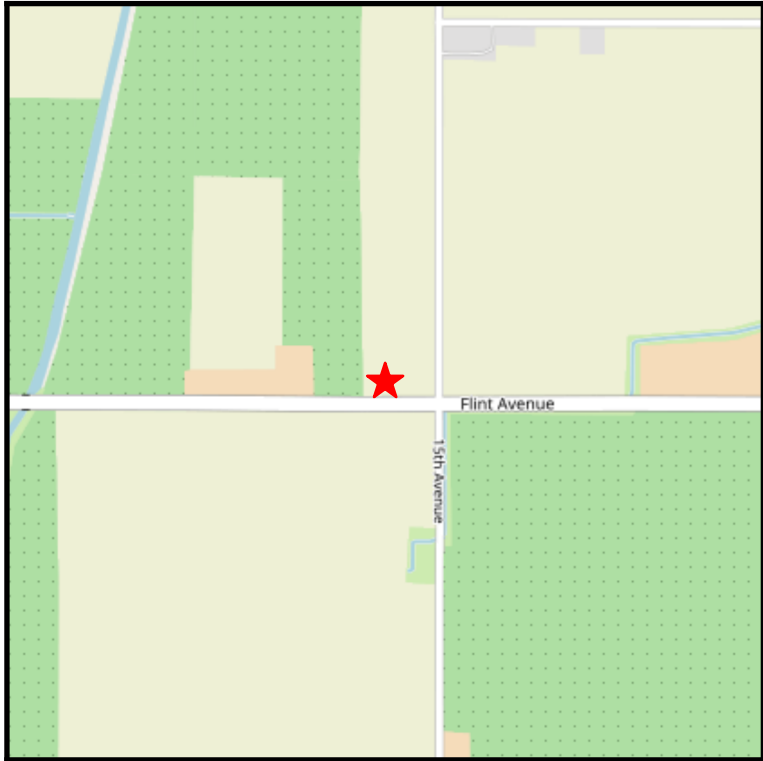
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -150.0

Hydrograph for ER_CID_01, C-zone Aquifer



363722N1197282W001 - 18S21E07R003M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



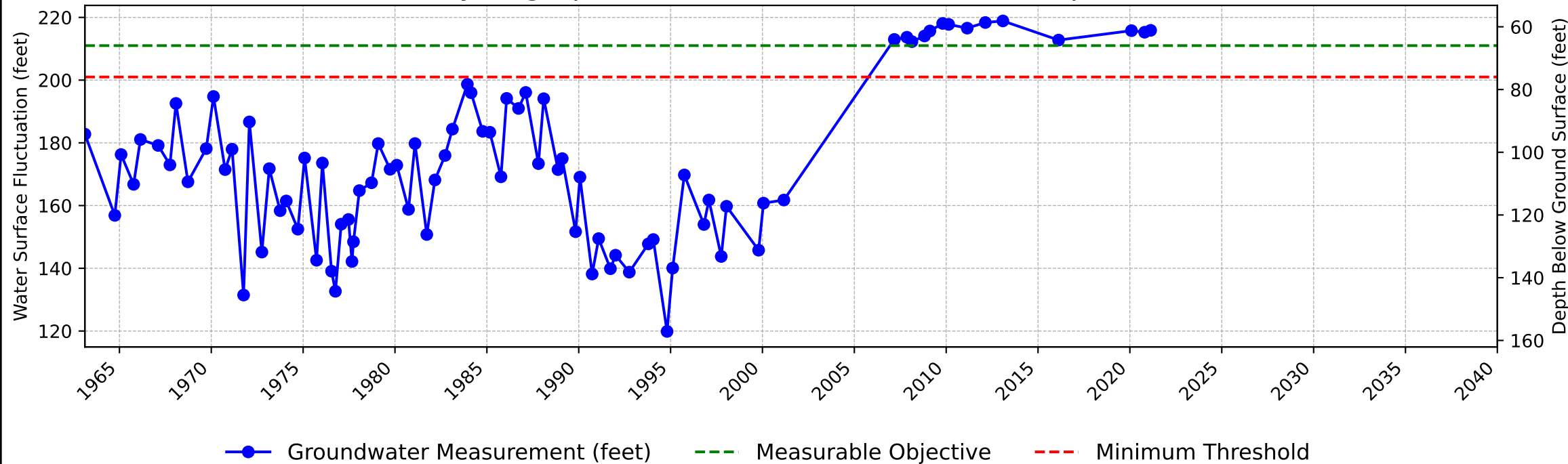
Well Construction Details

Site Code	: 363722N1197282W001
Local Well Name	: 18S21E07R003M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3722
Longitude	: -119.7282
Reference Point (feet Elevation)	: 242.769
Ground Surface (feet Elevation)	: 242.769
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

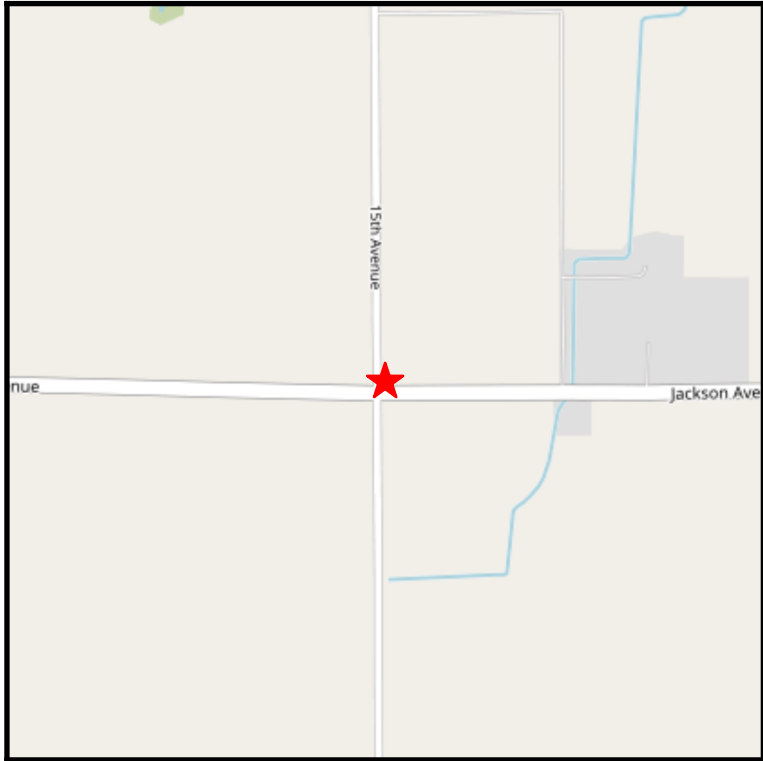
Measurable Objective elevation (feet)	: 211.0
Minimum Threshold elevation (feet)	: 201.0

Hydrograph for 18S21E07R003M, A-zone Aquifer



362549N1197266W001 - 19S21E20N001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



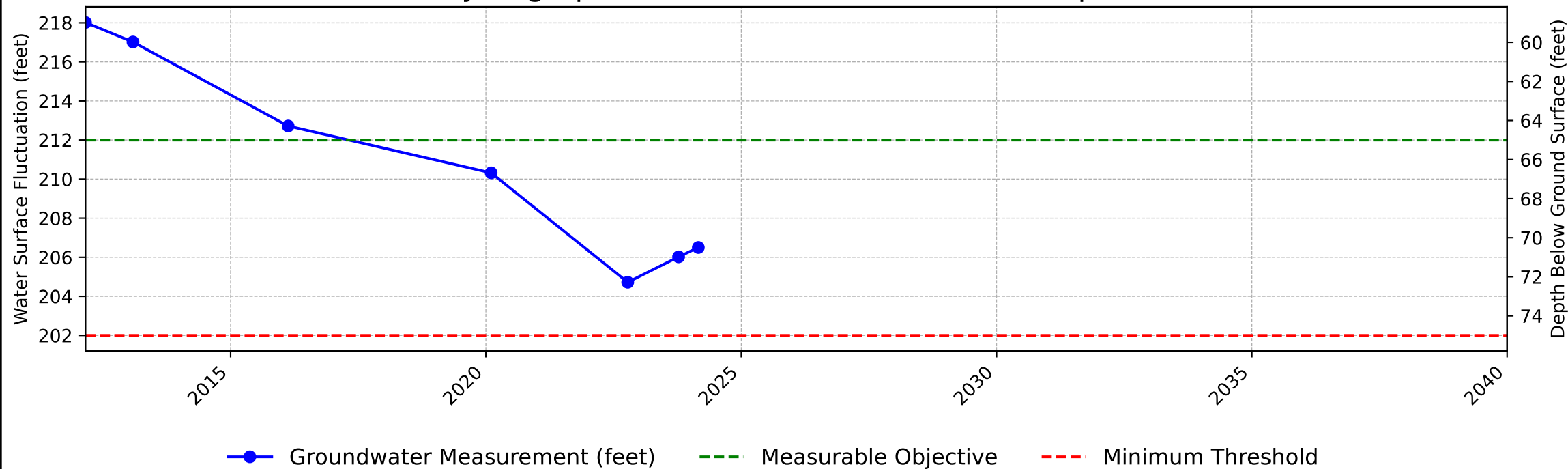
Well Construction Details

Site Code	: 362549N1197266W001
Local Well Name	: 19S21E20N001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.2549
Longitude	: -119.7266
Reference Point (feet Elevation)	: 227.82
Ground Surface (feet Elevation)	: 227.82
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 212.0
Minimum Threshold elevation (feet)	: 202.0

Hydrograph for 19S21E20N001M, A-zone Aquifer



363603N1197266W001 - 18S21E17N001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



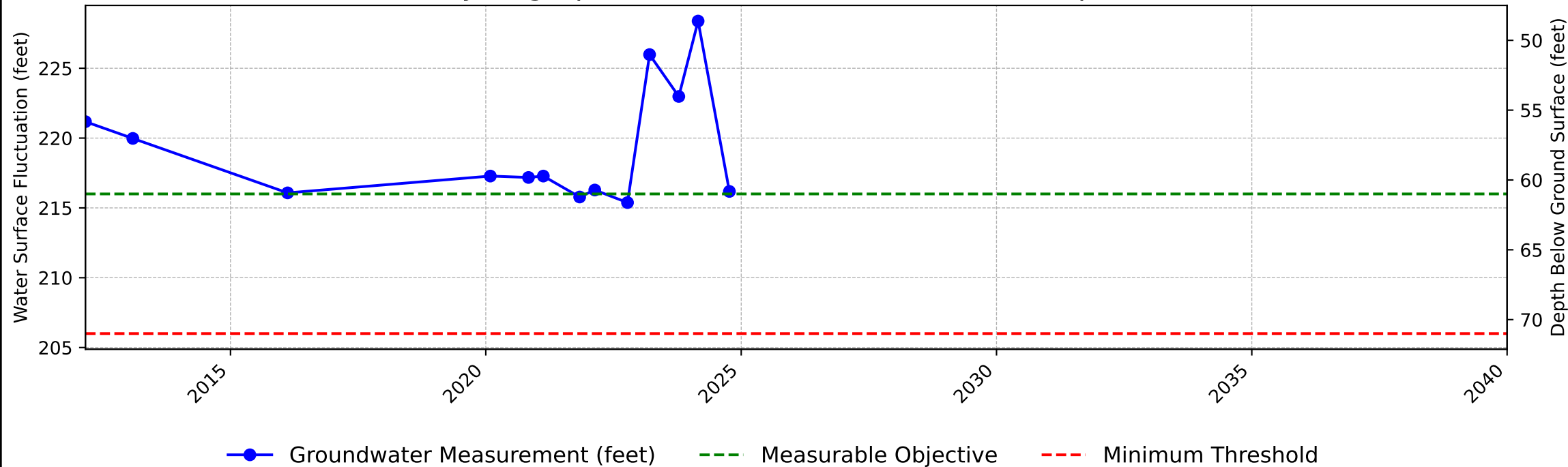
Well Construction Details

Site Code	: 363603N1197266W001
Local Well Name	: 18S21E17N001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3603
Longitude	: -119.7266
Reference Point (feet Elevation)	: 240.98
Ground Surface (feet Elevation)	: 240.78
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 216.0
Minimum Threshold elevation (feet)	: 206.0

Hydrograph for 18S21E17N001M, A-zone Aquifer



363572N1195468W001 - 18S22E24D001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



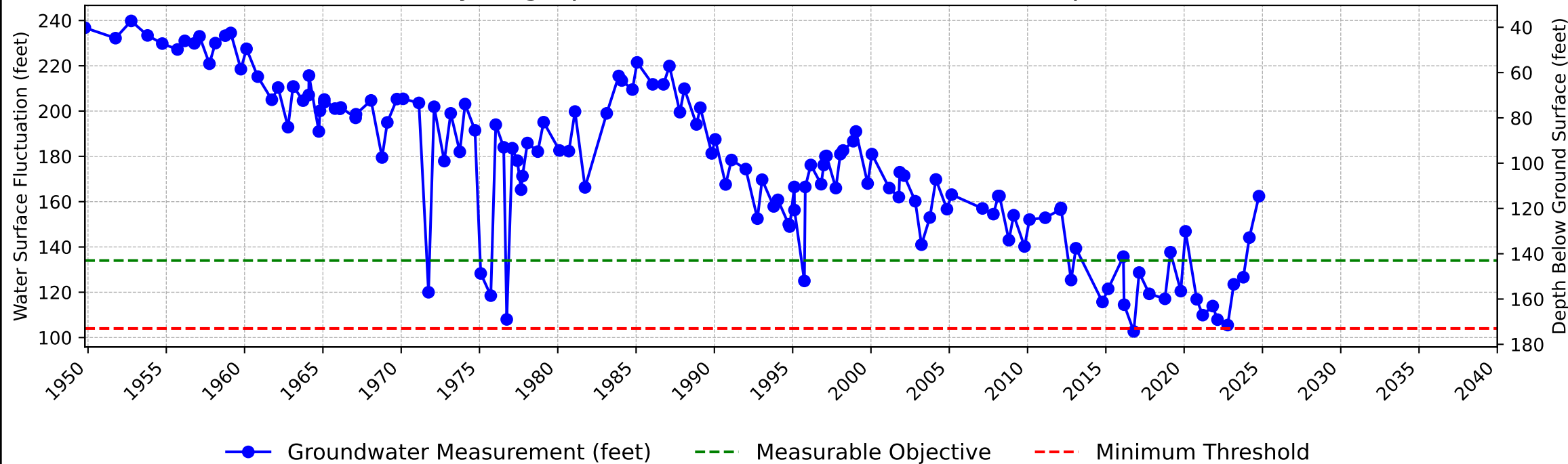
Well Construction Details

Site Code	: 363572N1195468W001
Local Well Name	: 18S22E24D001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3572
Longitude	: -119.5468
Reference Point (feet Elevation)	: 260.726
Ground Surface (feet Elevation)	: 259.726
Well Depth (feet bgs)	: 370
Top Perforation (feet bgs)	: 240.0
Bottom Perforation (feet bgs)	: 340.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

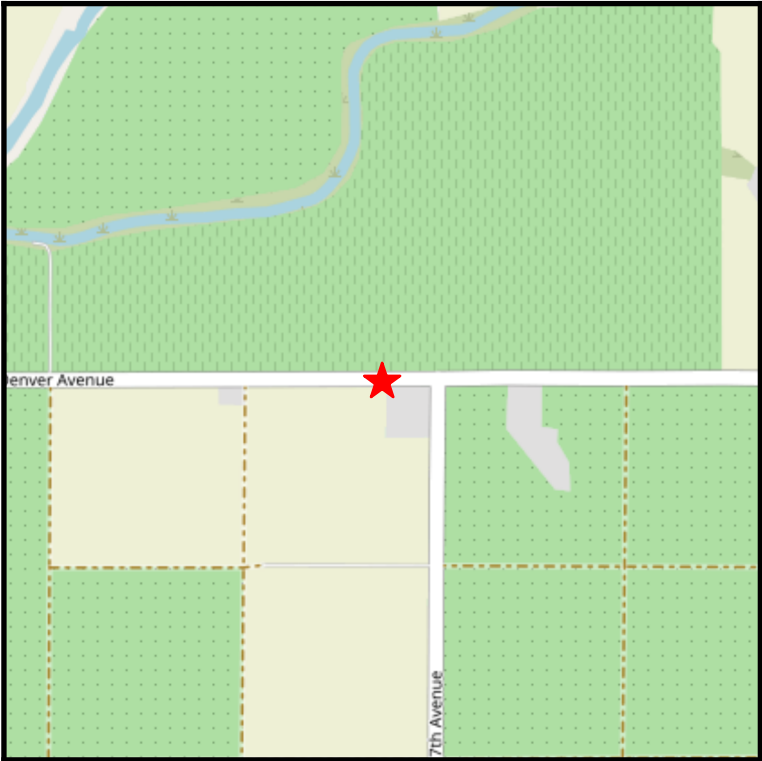
Measurable Objective elevation (feet)	: 134.0
Minimum Threshold elevation (feet)	: 104.0

Hydrograph for 18S22E24D001M, B-zone Aquifer



364303N1195841W001 - KRCDKCWD01 - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



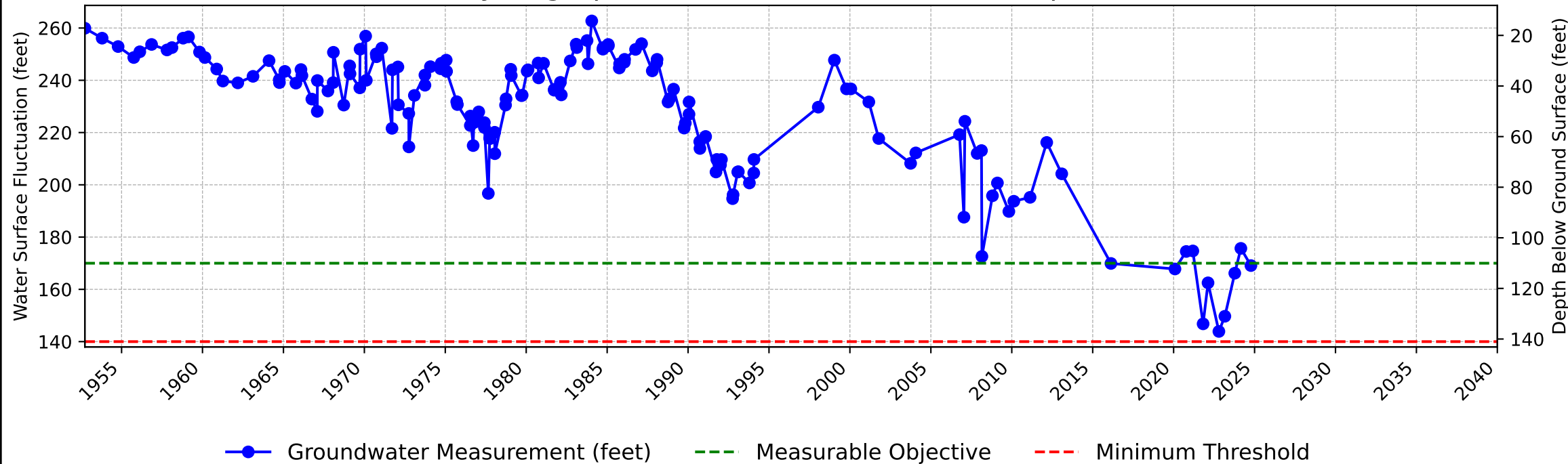
Well Construction Details

Site Code	: 364303N1195841W001
Local Well Name	: KRCDKCWD01
Monitoring Network Type	: SGMA Representative
Latitude	: 36.4303
Longitude	: -119.5841
Reference Point (feet Elevation)	: 274.8
Ground Surface (feet Elevation)	: 272.5
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

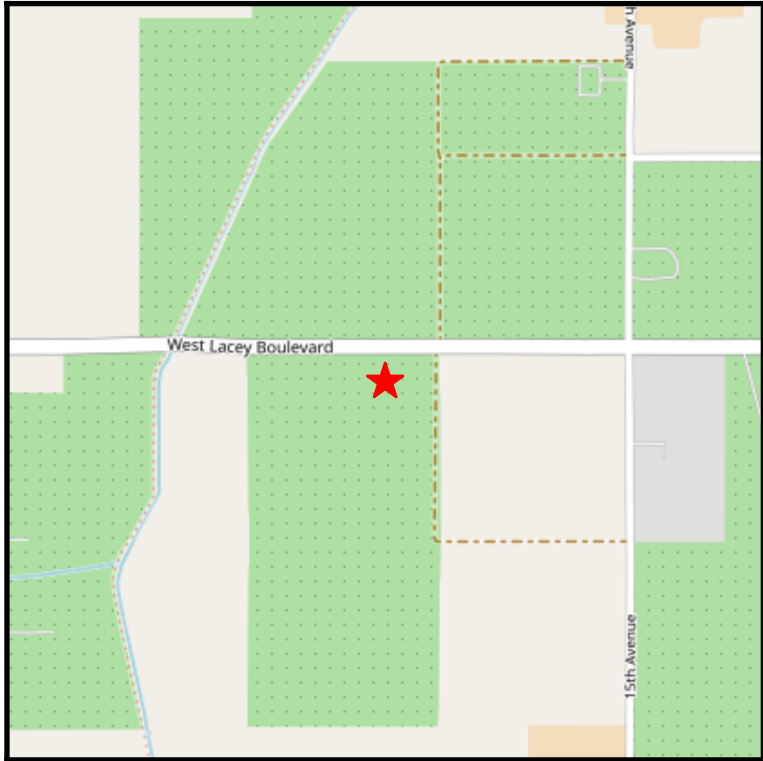
Measurable Objective elevation (feet)	: 170.0
Minimum Threshold elevation (feet)	: 140.0

Hydrograph for KRCDKCWD01, B-zone Aquifer



363274N1197327W001 - 18S21E31B001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



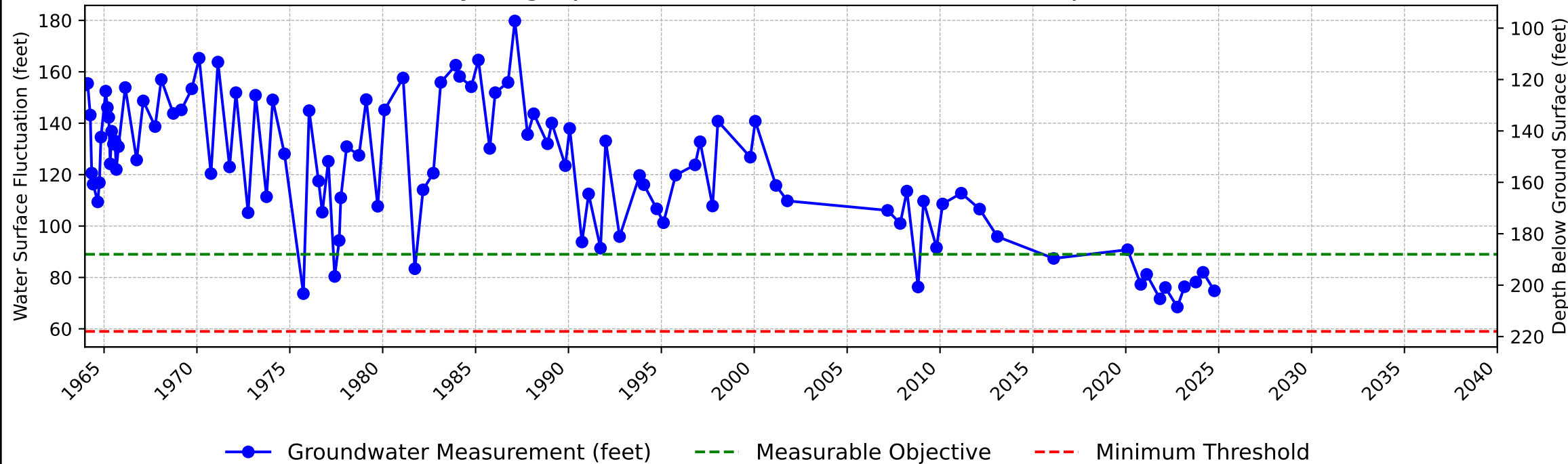
Well Construction Details

Site Code	: 363274N1197327W001
Local Well Name	: 18S21E31B001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3274
Longitude	: -119.7327
Reference Point (feet Elevation)	: 241.792
Ground Surface (feet Elevation)	: 241.792
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

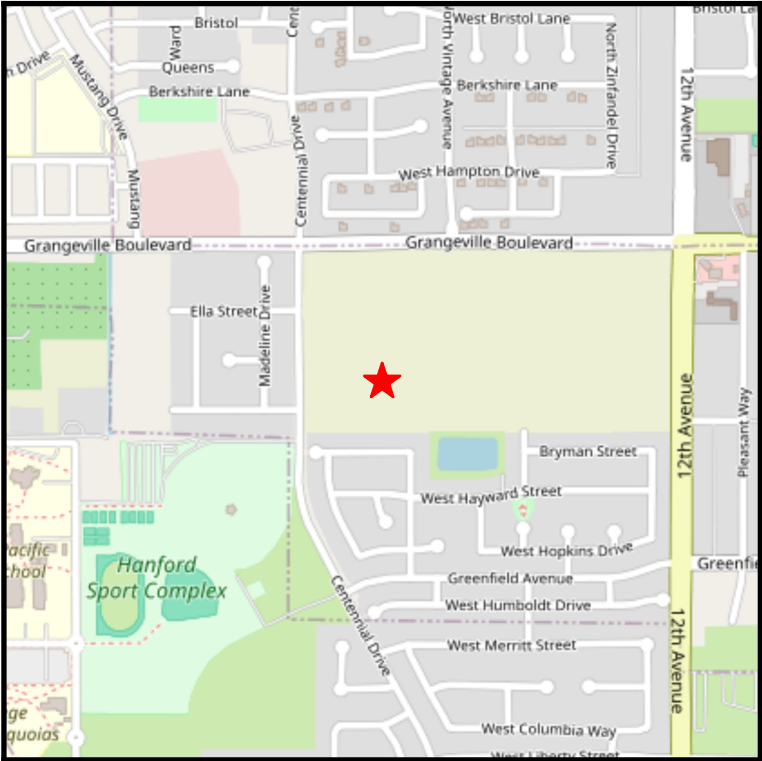
Measurable Objective elevation (feet)	: 89.0
Minimum Threshold elevation (feet)	: 59.0

Hydrograph for 18S21E31B001M, B-zone Aquifer



363419N1196799W001 - KRCDKCWD05 - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



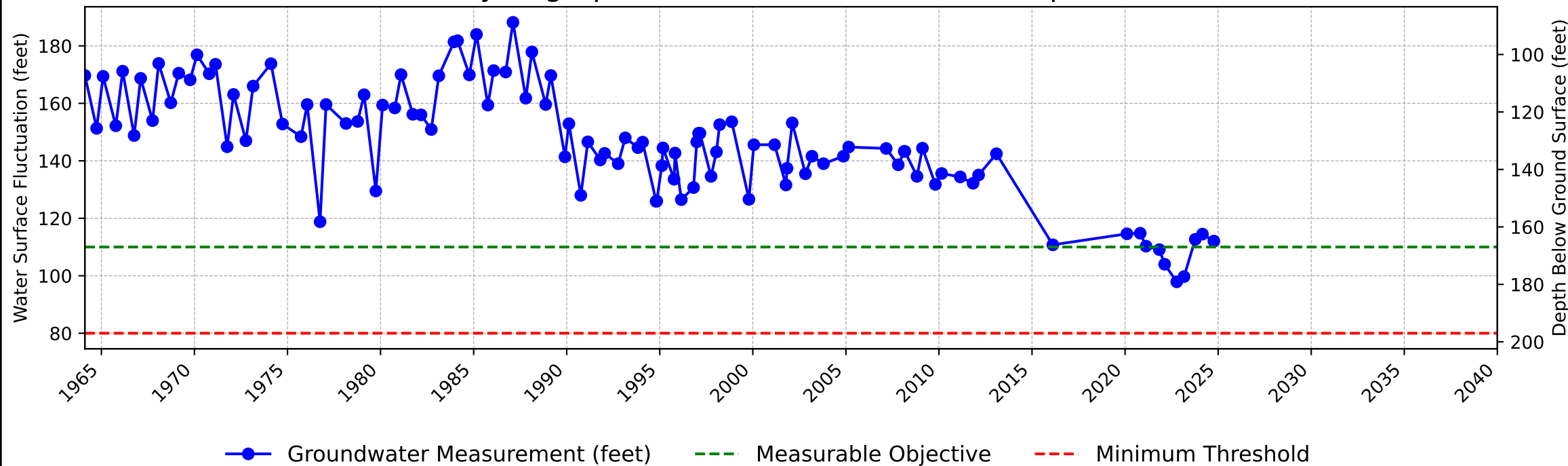
Well Construction Details

Site Code	: 363419N1196799W001
Local Well Name	: KRCDKCWD05
Monitoring Network Type	: SGMA Representative
Latitude	: 36.34
Longitude	: -119.68
Reference Point (feet Elevation)	: 248.769
Ground Surface (feet Elevation)	: 248.269
Well Depth (feet bgs)	: 284
Top Perforation (feet bgs)	: 102.0
Bottom Perforation (feet bgs)	: 284.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

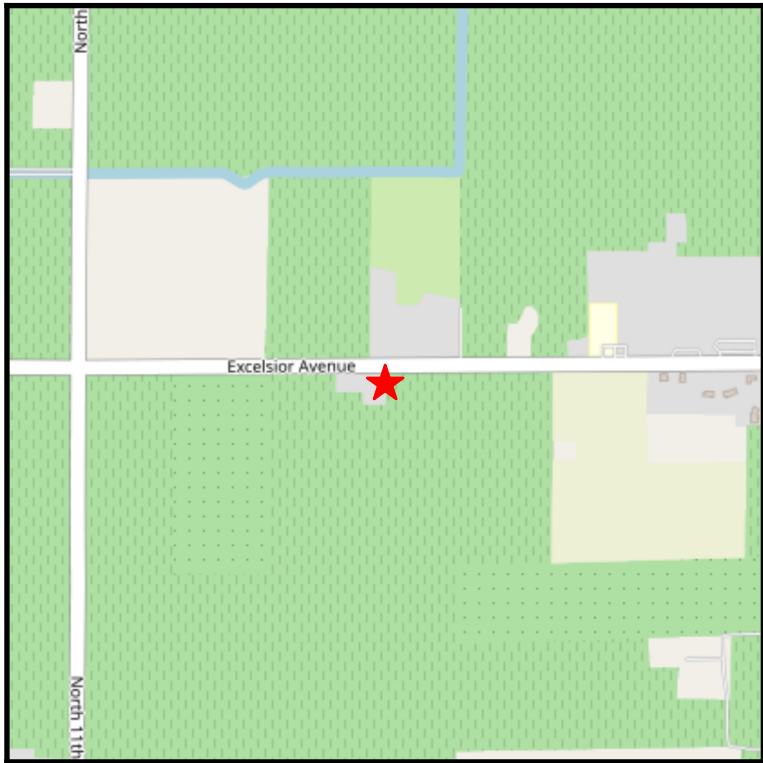
Measurable Objective elevation (feet)	: 110.0
Minimum Threshold elevation (feet)	: 80.0

Hydrograph for KRCDKCWD05, B-zone Aquifer



364008N1196477W001 - 18S21E01C001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



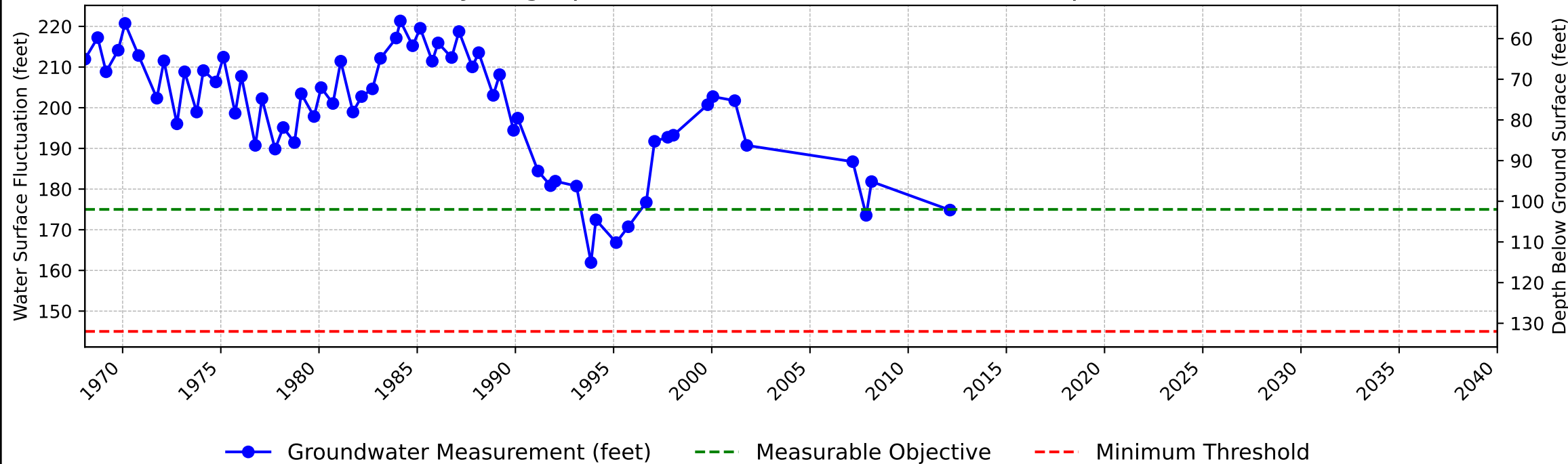
Well Construction Details

Site Code	: 364008N1196477W001
Local Well Name	: 18S21E01C001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.4008
Longitude	: -119.6477
Reference Point (feet Elevation)	: 263.736
Ground Surface (feet Elevation)	: 263.236
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 175.0
Minimum Threshold elevation (feet)	: 145.0

Hydrograph for 18S21E01C001M, B-zone Aquifer



363992N1195716W001 - 18S22E03B001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



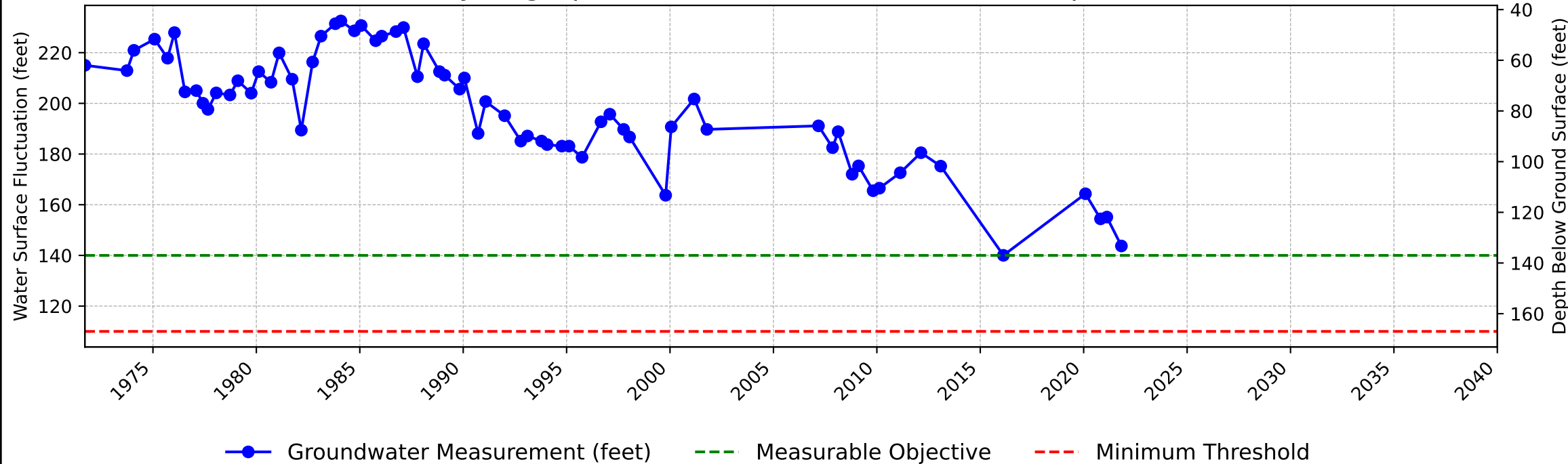
Well Construction Details

Site Code	: 363992N1195716W001
Local Well Name	: 18S22E03B001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3992
Longitude	: -119.5716
Reference Point (feet Elevation)	: 268.723
Ground Surface (feet Elevation)	: 268.723
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 140.0
Minimum Threshold elevation (feet)	: 110.0

Hydrograph for 18S22E03B001M, B-zone Aquifer



363142N1195685W001 - 18S22E34R001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



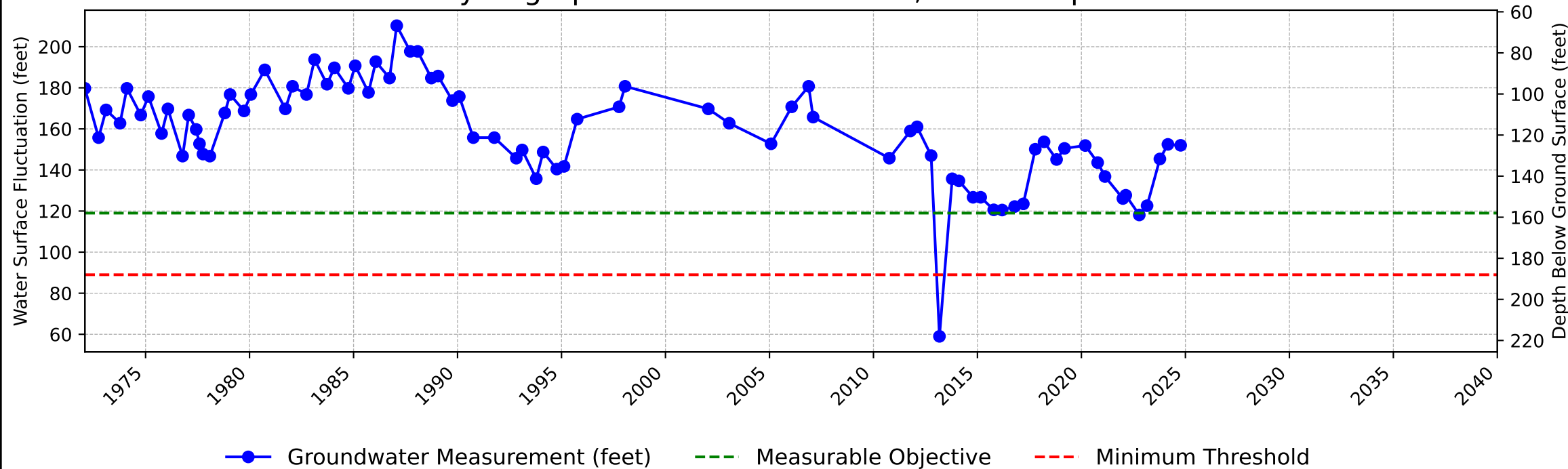
Well Construction Details

Site Code	: 363142N1195685W001
Local Well Name	: 18S22E34R001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3142
Longitude	: -119.5685
Reference Point (feet Elevation)	: 250.9
Ground Surface (feet Elevation)	: 250.4
Well Depth (feet bgs)	: 224
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

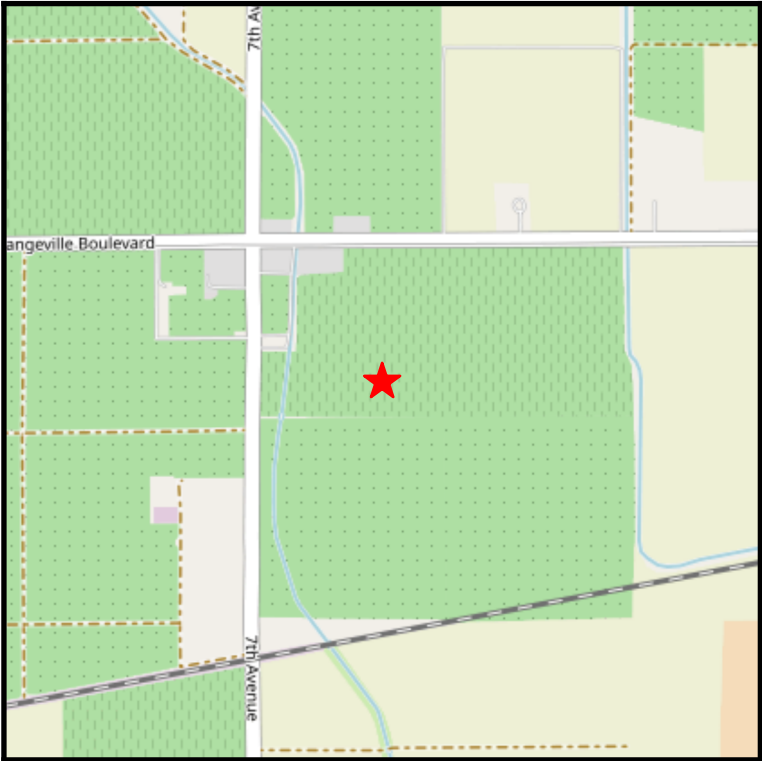
Measurable Objective elevation (feet)	: 119.0
Minimum Threshold elevation (feet)	: 89.0

Hydrograph for 18S22E34R001M, B-zone Aquifer



363393N1195832W001 - KRCDKCWD08 - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



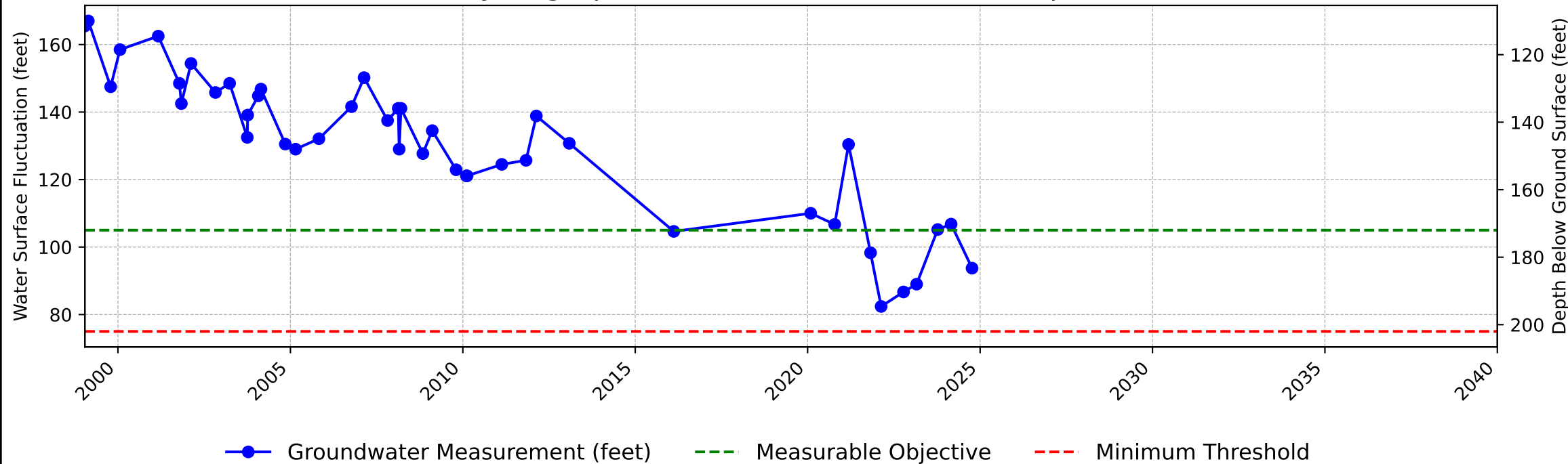
Well Construction Details

Site Code	: 363393N1195832W001
Local Well Name	: KRCDKCWD08
Monitoring Network Type	: SGMA Representative
Latitude	: 36.34
Longitude	: -119.58
Reference Point (feet Elevation)	: 257.739
Ground Surface (feet Elevation)	: 257.739
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 105.0
Minimum Threshold elevation (feet)	: 75.0

Hydrograph for KRCDKCWD08, B-zone Aquifer



362892N1196235W001 - KRCDKCWD11 - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



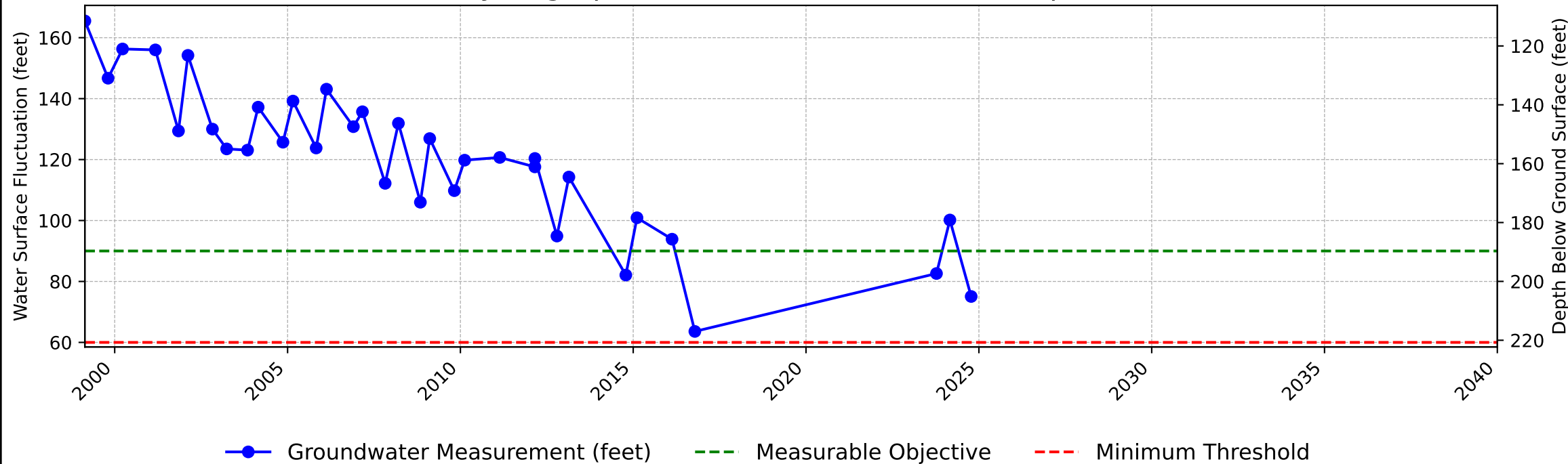
Well Construction Details

Site Code	: 362892N1196235W001
Local Well Name	: KRCDKCWD11
Monitoring Network Type	: SGMA Representative
Latitude	: 36.2892
Longitude	: -119.6235
Reference Point (feet Elevation)	: 242.769
Ground Surface (feet Elevation)	: 242.769
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: 165.0
Bottom Perforation (feet bgs)	: 380.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

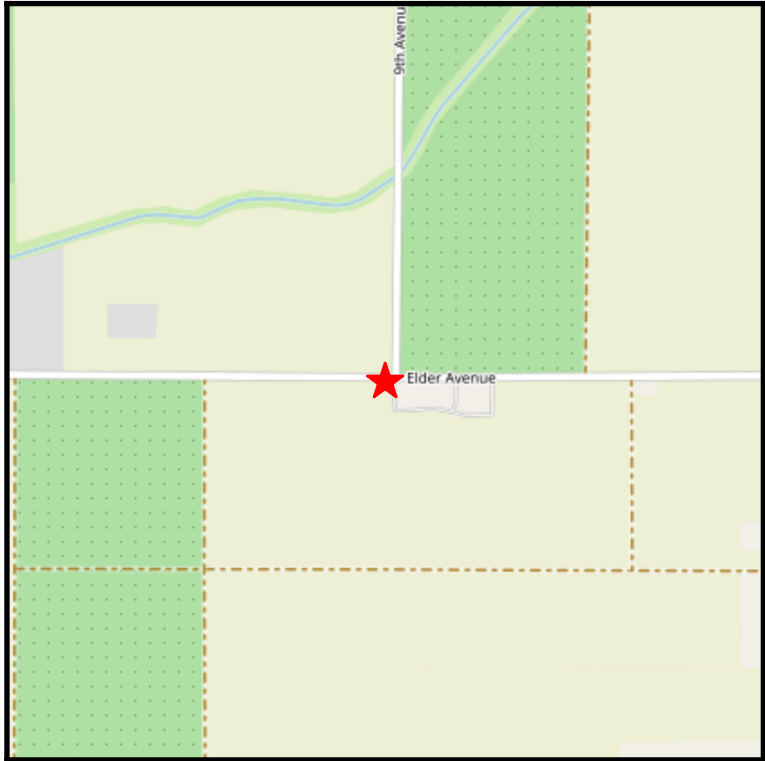
Measurable Objective elevation (feet)	: 90.0
Minimum Threshold elevation (feet)	: 60.0

Hydrograph for KRCDKCWD11, B-zone Aquifer



363864N1196193W001 - 18S22E07A001M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



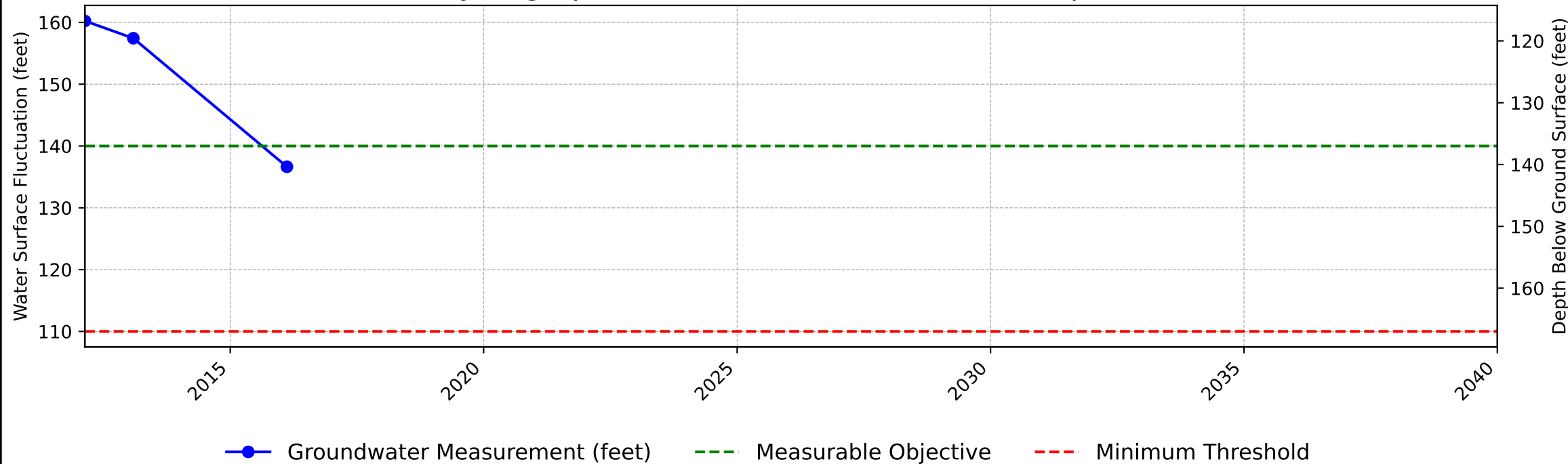
Well Construction Details

Site Code	: 363864N1196193W001
Local Well Name	: 18S22E07A001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3864
Longitude	: -119.6193
Reference Point (feet Elevation)	: 263.24
Ground Surface (feet Elevation)	: 262.74
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 140.0
Minimum Threshold elevation (feet)	: 110.0

Hydrograph for 18S22E07A001M, B-zone Aquifer



363274N1195809W001 - MWH INT - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



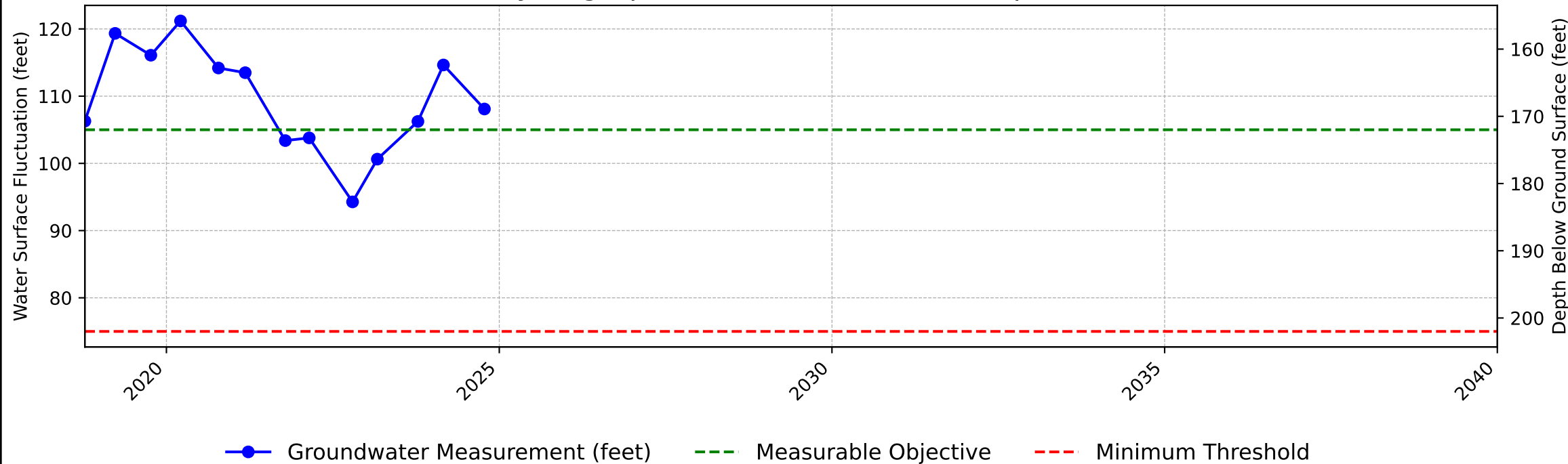
Well Construction Details

Site Code	: 363274N1195809W001
Local Well Name	: MWH INT
Monitoring Network Type	: SGMA Representative
Latitude	: 36.32743
Longitude	: -119.58086
Reference Point (feet Elevation)	: 248.19
Ground Surface (feet Elevation)	: 246.05
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 105.0
Minimum Threshold elevation (feet)	: 75.0

Hydrograph for MWH INT, B-zone Aquifer



364436N1195641W001 - MWD INT - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



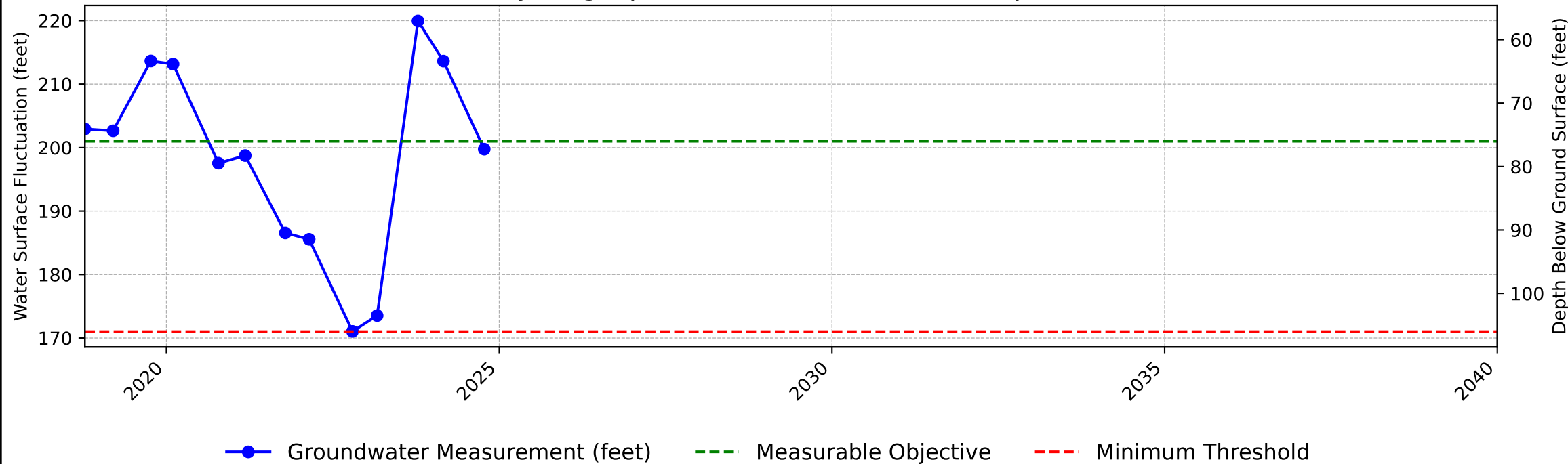
Well Construction Details

Site Code	: 364436N1195641W001
Local Well Name	: MWD INT
Monitoring Network Type	: SGMA Representative
Latitude	: 36.44364
Longitude	: -119.56407
Reference Point (feet Elevation)	: 279.35
Ground Surface (feet Elevation)	: 278.07
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 201.0
Minimum Threshold elevation (feet)	: 171.0

Hydrograph for MWD INT, B-zone Aquifer



364452N1195550W001 - MW-C - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



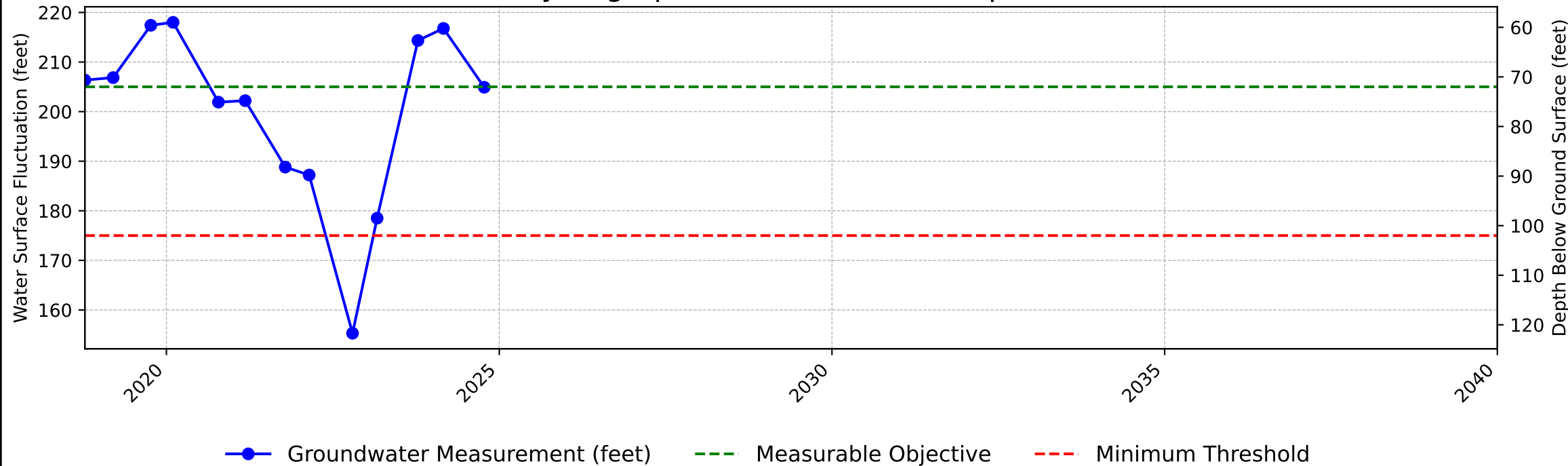
Well Construction Details

Site Code	: 364452N1195550W001
Local Well Name	: MW-C
Monitoring Network Type	: SGMA Representative
Latitude	: 36.44522
Longitude	: -119.55496
Reference Point (feet Elevation)	: 280.71
Ground Surface (feet Elevation)	: 279.33
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

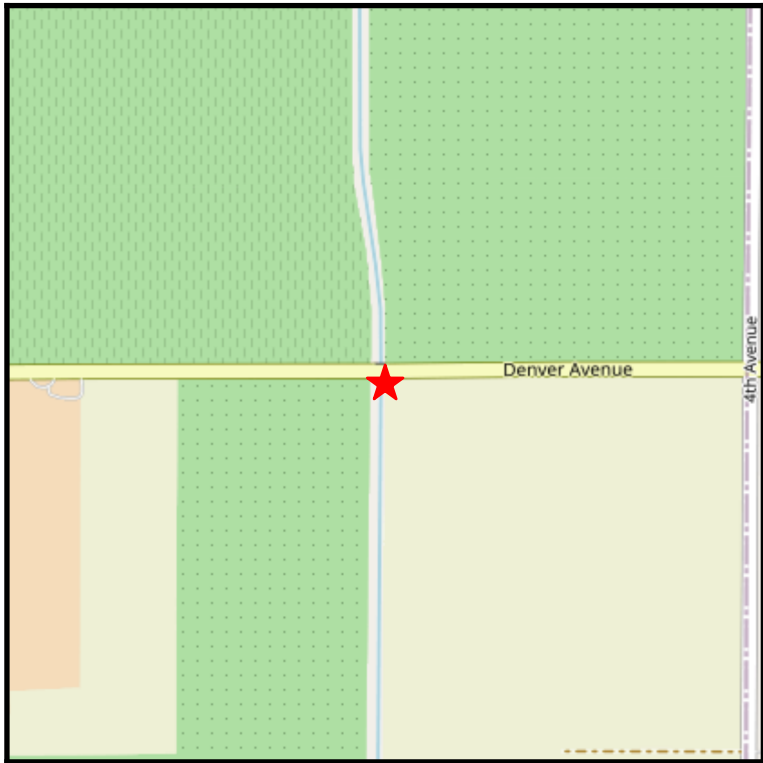
Measurable Objective elevation (feet)	: 205.0
Minimum Threshold elevation (feet)	: 175.0

Hydrograph for MW-C, B-zone Aquifer



364304N1195373W001 - MWG INT - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



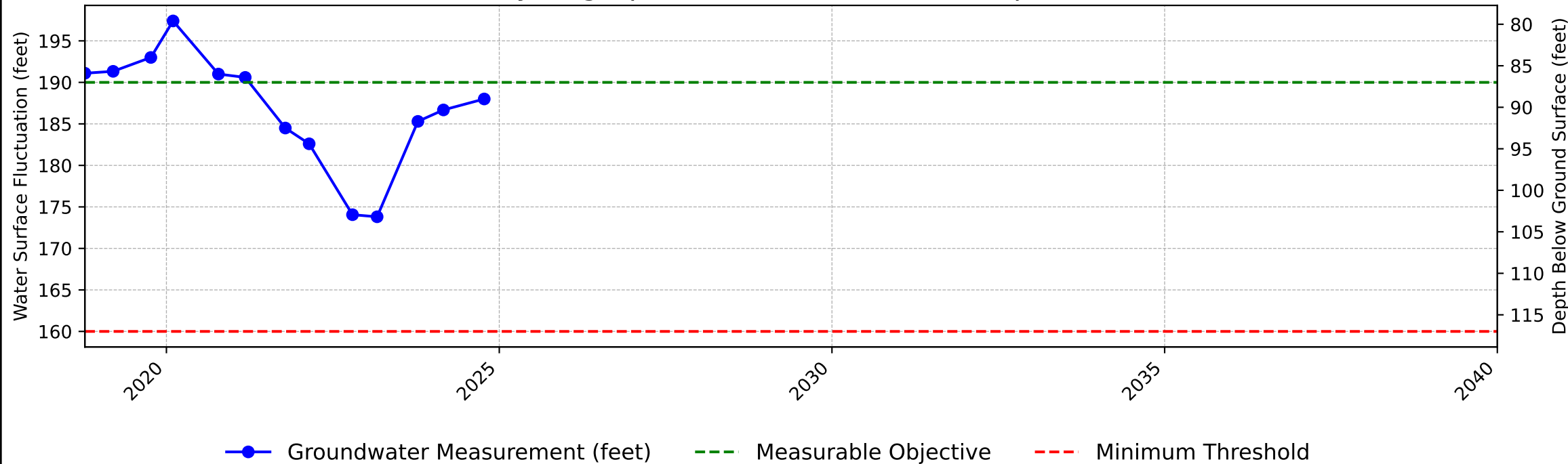
Well Construction Details

Site Code	: 364304N1195373W001
Local Well Name	: MWG INT
Monitoring Network Type	: SGMA Representative
Latitude	: 36.43036
Longitude	: -119.5373
Reference Point (feet Elevation)	: 278.3
Ground Surface (feet Elevation)	: 277.0
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 190.0
Minimum Threshold elevation (feet)	: 160.0

Hydrograph for MWG INT, B-zone Aquifer



364834N1195404W001 - MW-A - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



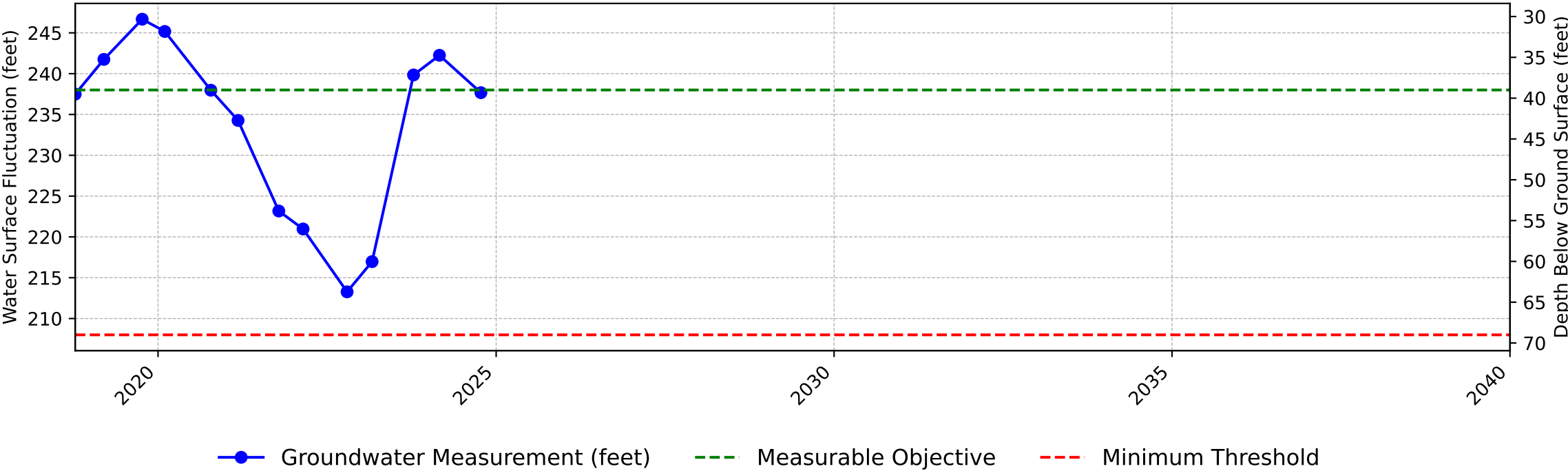
Well Construction Details

Site Code	: 364834N1195404W001
Local Well Name	: MW-A
Monitoring Network Type	: SGMA Representative
Latitude	: 36.48337
Longitude	: -119.54036
Reference Point (feet Elevation)	: 285.47
Ground Surface (feet Elevation)	: 284.16
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 238.0
Minimum Threshold elevation (feet)	: 208.0

Hydrograph for MW-A, B-zone Aquifer



362618N1197496W001 - KRCDKCWD06 - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



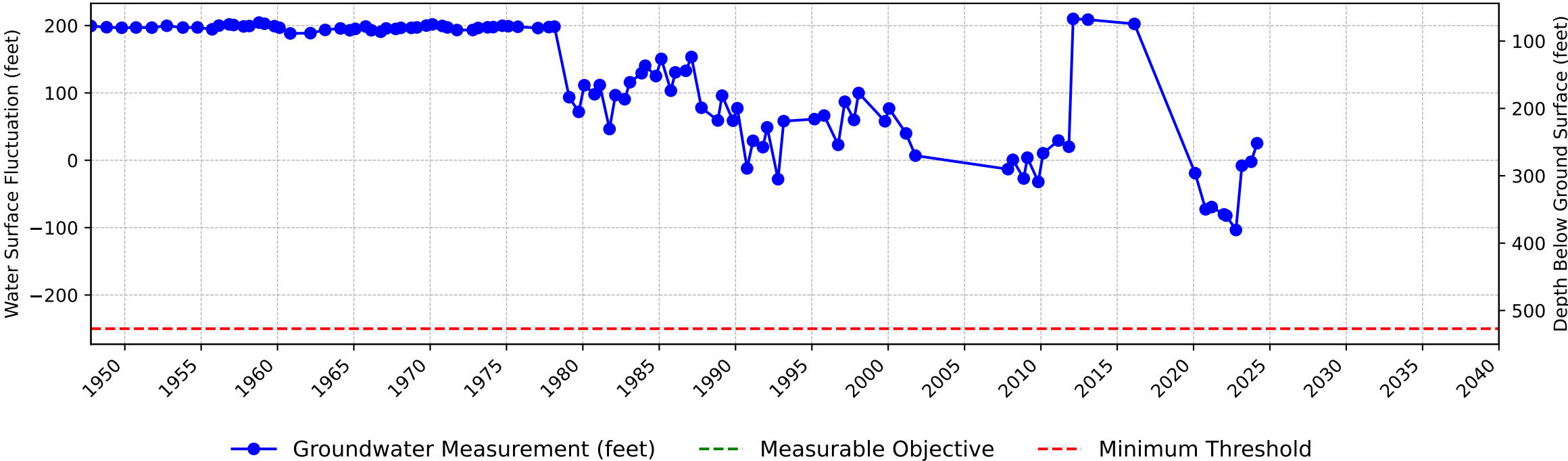
Well Construction Details

Site Code	: 362618N1197496W001
Local Well Name	: KRCDKCWD06
Monitoring Network Type	: SGMA Representative
Latitude	: 36.25
Longitude	: -119.73
Reference Point (feet Elevation)	: 224.822
Ground Surface (feet Elevation)	: 224.822
Well Depth (feet bgs)	: 520
Top Perforation (feet bgs)	: 290.0
Bottom Perforation (feet bgs)	: 500.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -250.0

Hydrograph for KRCDKCWD06, C-zone Aquifer



362981N1196189W001 - 19S22E08D002M - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



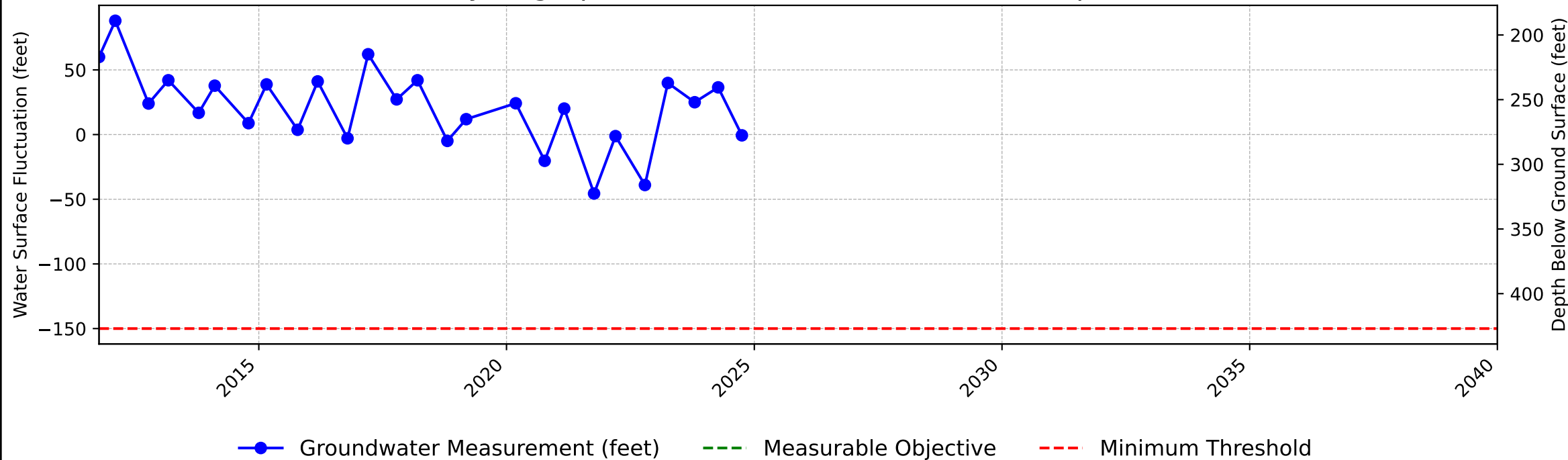
Well Construction Details

Site Code	: 362981N1196189W001
Local Well Name	: 19S22E08D002M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.29808
Longitude	: -119.61892
Reference Point (feet Elevation)	: 243.2
Ground Surface (feet Elevation)	: 243.7
Well Depth (feet bgs)	: 665
Top Perforation (feet bgs)	: 625.0
Bottom Perforation (feet bgs)	: 665.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

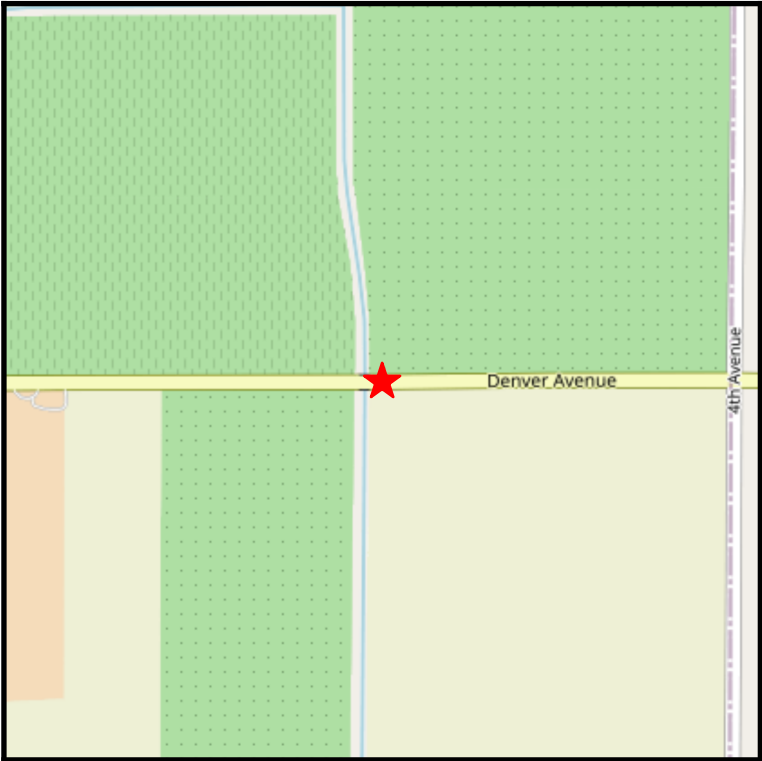
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -150.0

Hydrograph for 19S22E08D002M, C-zone Aquifer



364306N1195370W001 - MWG DEEP - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



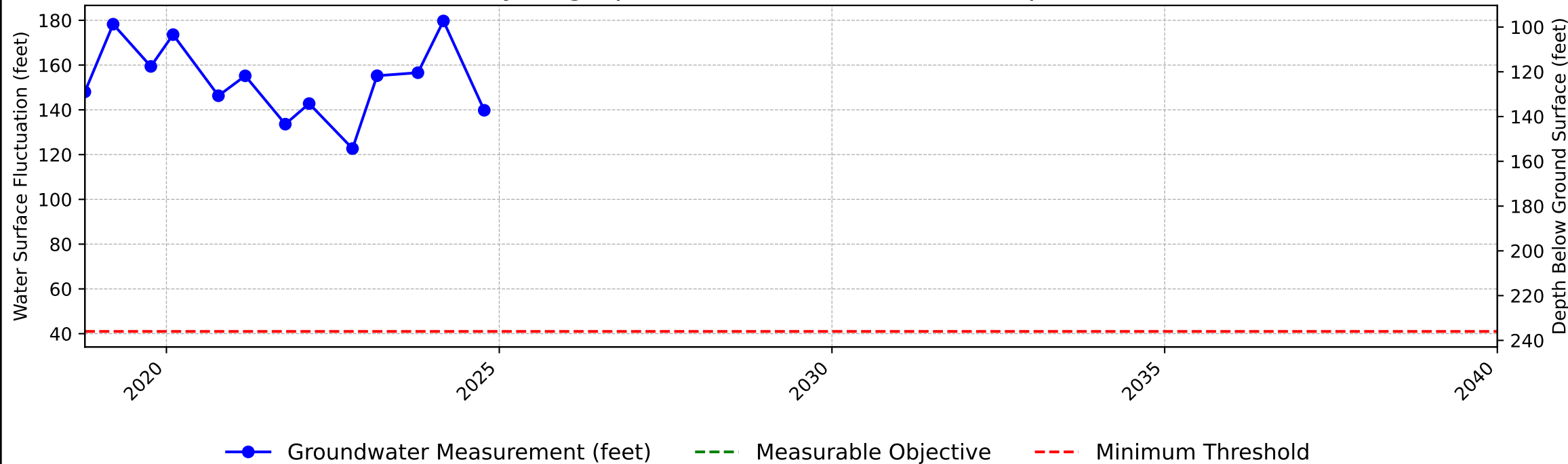
Well Construction Details

Site Code	: 364306N1195370W001
Local Well Name	: MWG DEEP
Monitoring Network Type	: SGMA Representative
Latitude	: 36.43061
Longitude	: -119.53699
Reference Point (feet Elevation)	: 278.3
Ground Surface (feet Elevation)	: 277.0
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: 41.0

Hydrograph for MWG DEEP, C-zone Aquifer



363277N1195806W001 - MWH DEEP - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



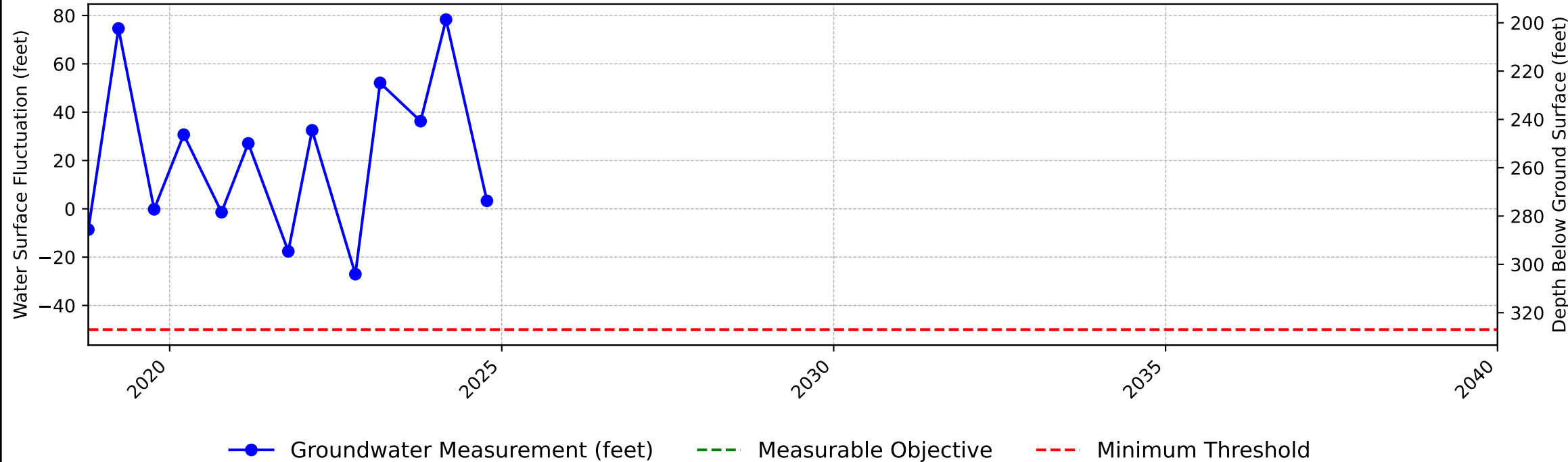
Well Construction Details

Site Code	: 363277N1195806W001
Local Well Name	: MWH DEEP
Monitoring Network Type	: SGMA Representative
Latitude	: 36.32769
Longitude	: -119.58055
Reference Point (feet Elevation)	: 248.19
Ground Surface (feet Elevation)	: 246.05
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -50.0

Hydrograph for MWH DEEP, C-zone Aquifer



364436N1195648W001 - MWD DEEP - Mid-Kings River GSA

Mid-Kings River GSA RMS Location



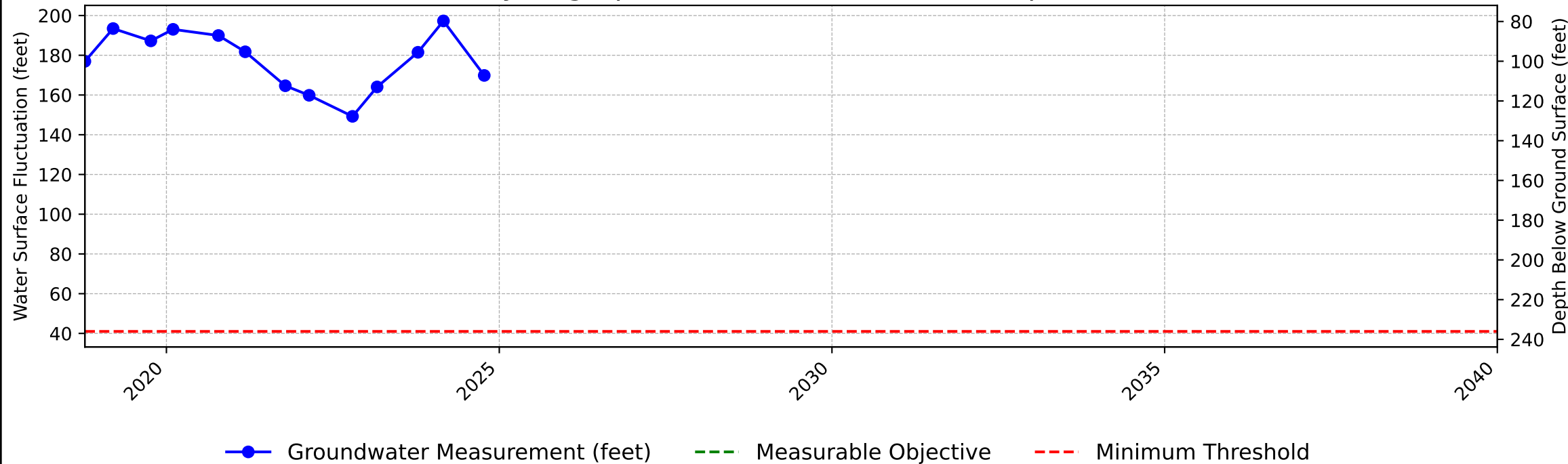
Well Construction Details

Site Code	: 364436N1195648W001
Local Well Name	: MWD DEEP
Monitoring Network Type	: SGMA Representative
Latitude	: 36.44364
Longitude	: -119.56475
Reference Point (feet Elevation)	: 279.35
Ground Surface (feet Elevation)	: 278.07
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: 41.0

Hydrograph for MWD DEEP, C-zone Aquifer



361700N1198510W001 - 20S19E25A003M - South Fork Kings GSA

South Fork Kings GSA RMS Location



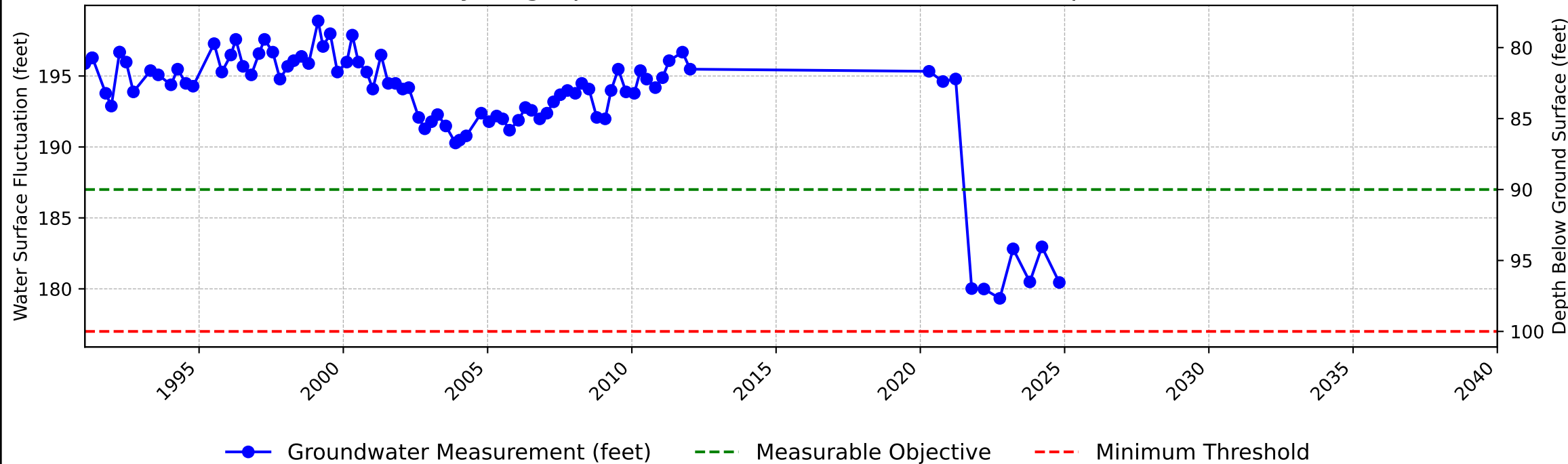
Well Construction Details

Site Code	: 361700N1198510W001
Local Well Name	: 20S19E25A003M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.164906
Longitude	: -119.851693
Reference Point (feet Elevation)	: 189.51
Ground Surface (feet Elevation)	: 189.51
Well Depth (feet bgs)	: 20
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 187.0
Minimum Threshold elevation (feet)	: 177.0

Hydrograph for 20S19E25A003M, A-zone Aquifer



362500N1198310W001 - 19S20E29E002M - South Fork Kings GSA

South Fork Kings GSA RMS Location



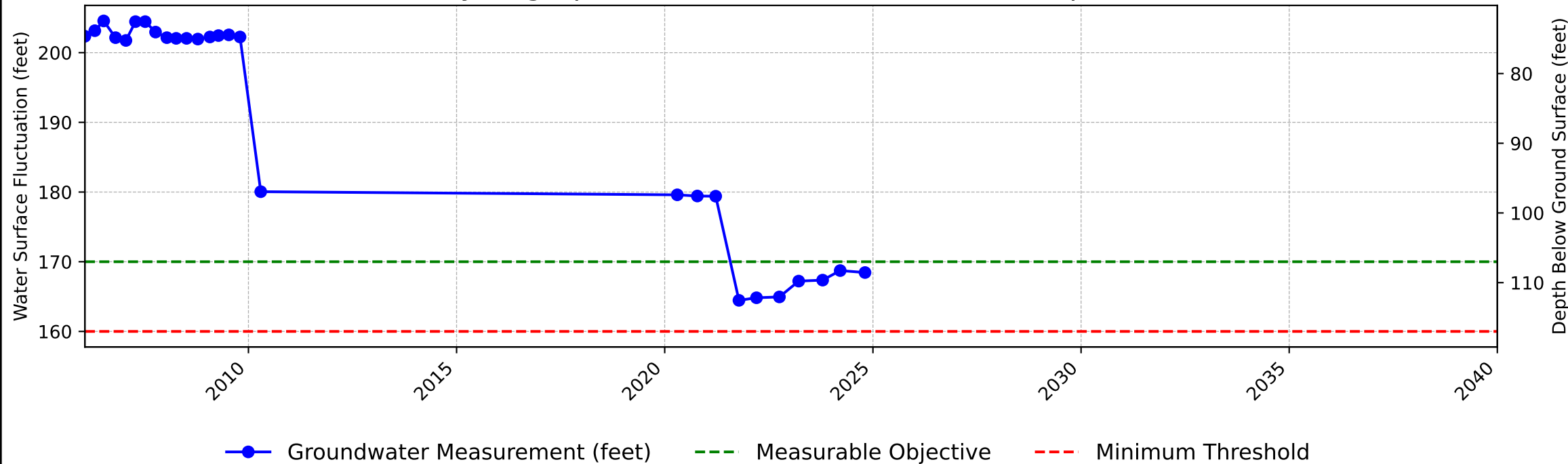
Well Construction Details

Site Code	: 362500N1198310W001
Local Well Name	: 19S20E29E002M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.251022
Longitude	: -119.833515
Reference Point (feet Elevation)	: 197.25
Ground Surface (feet Elevation)	: 197.25
Well Depth (feet bgs)	: 60
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 170.0
Minimum Threshold elevation (feet)	: 160.0

Hydrograph for 19S20E29E002M, A-zone Aquifer



363500N1197800W003 - KRCDAC1S - South Fork Kings GSA

South Fork Kings GSA RMS Location



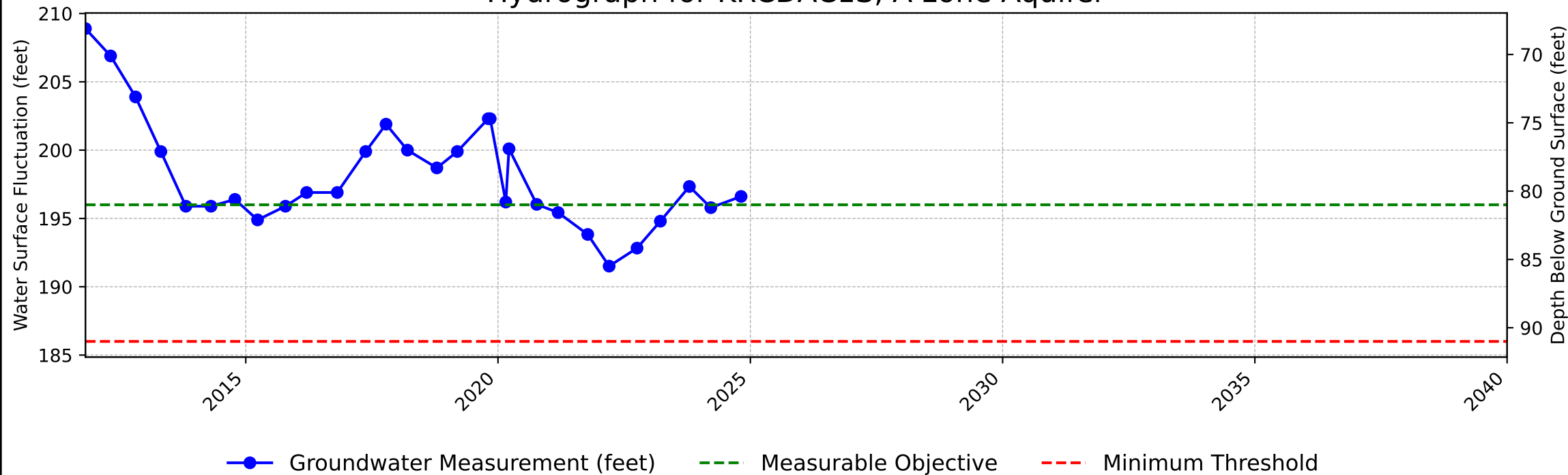
Well Construction Details

Site Code	: 363500N1197800W003
Local Well Name	: KRCDAC1S
Monitoring Network Type	: SGMA Representative
Latitude	: 36.346042
Longitude	: -119.78055
Reference Point (feet Elevation)	: 217.13
Ground Surface (feet Elevation)	: 217.13
Well Depth (feet bgs)	: 60
Top Perforation (feet bgs)	: 40.0
Bottom Perforation (feet bgs)	: 60.0
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 196.0
Minimum Threshold elevation (feet)	: 186.0

Hydrograph for KRCDAC1S, A-zone Aquifer



363305N1198258W001 - AG-1 - South Fork Kings GSA

South Fork Kings GSA RMS Location



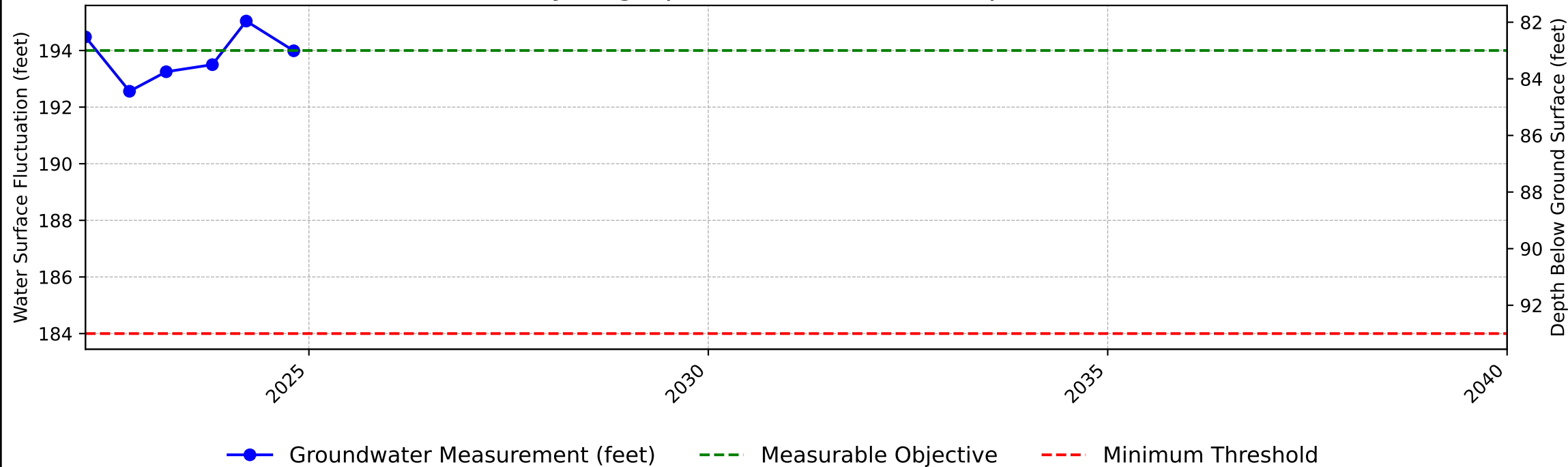
Well Construction Details

Site Code	: 363305N1198258W001
Local Well Name	: AG-1
Monitoring Network Type	: SGMA Representative
Latitude	: 36.33052
Longitude	: -119.82585
Reference Point (feet Elevation)	: 206.83
Ground Surface (feet Elevation)	: 206.83
Well Depth (feet bgs)	: 60
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: A

Sustainable Management Thresholds

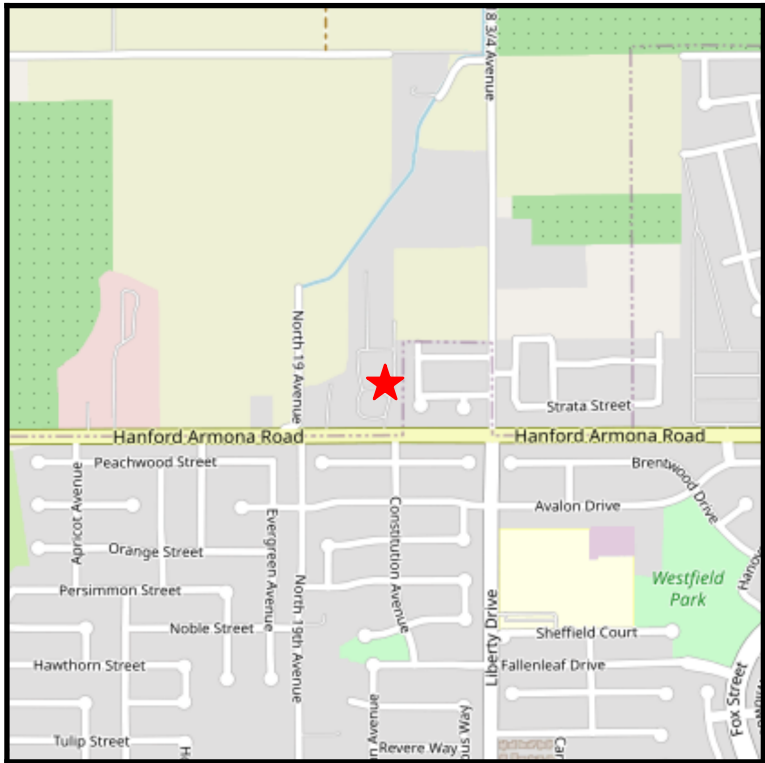
Measurable Objective elevation (feet)	: 194.0
Minimum Threshold elevation (feet)	: 184.0

Hydrograph for AG-1, A-zone Aquifer



363144N1197968W001 - 18S20E34N001M - South Fork Kings GSA

South Fork Kings GSA RMS Location



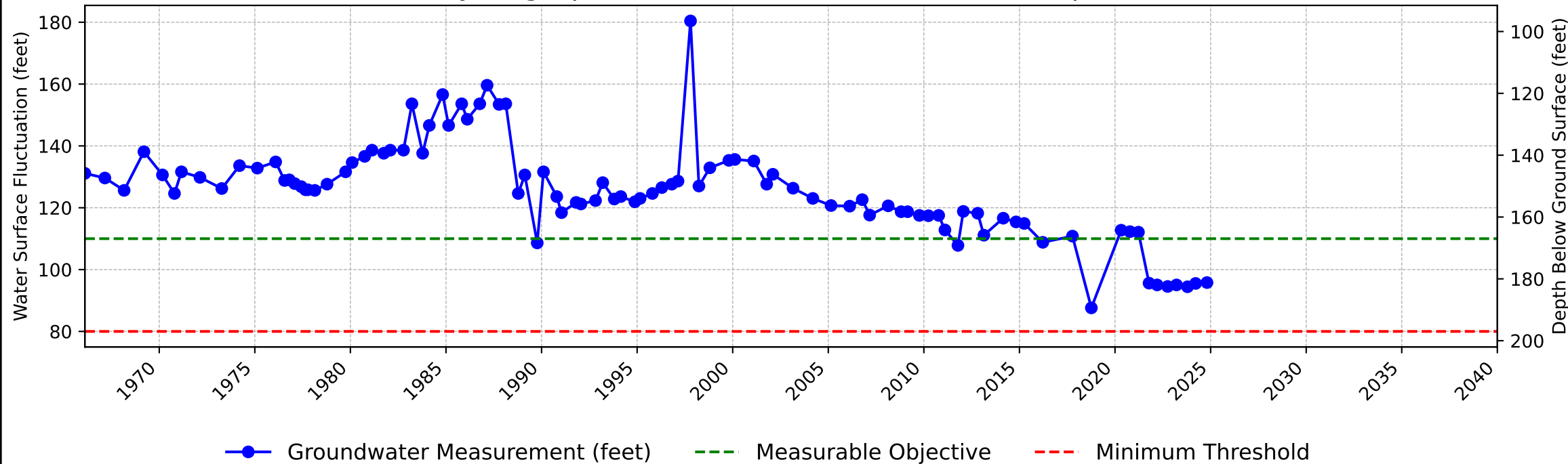
Well Construction Details

Site Code	: 363144N1197968W001
Local Well Name	: 18S20E34N001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.3144
Longitude	: -119.7968
Reference Point (feet Elevation)	: 212.89
Ground Surface (feet Elevation)	: 212.89
Well Depth (feet bgs)	: 132
Top Perforation (feet bgs)	: 118.0
Bottom Perforation (feet bgs)	: 132.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 110.0
Minimum Threshold elevation (feet)	: 80.0

Hydrograph for 18S20E34N001M, B-zone Aquifer



363500N1197800W001 - KRCDAC1D - South Fork Kings GSA

South Fork Kings GSA RMS Location



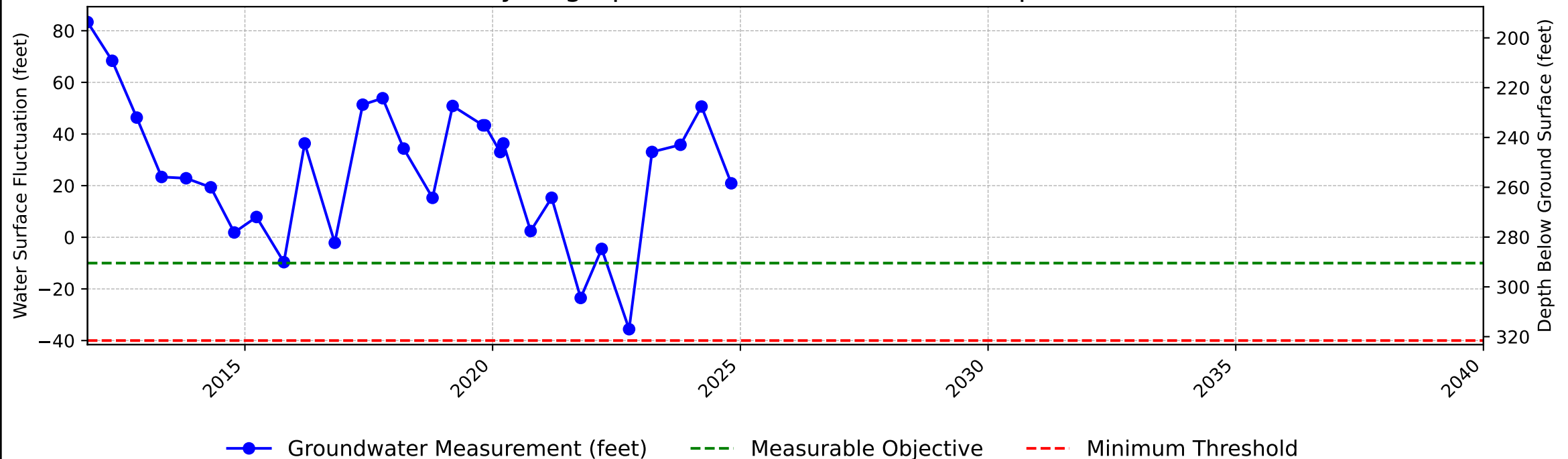
Well Construction Details

Site Code	: 363500N1197800W001
Local Well Name	: KRCDAC1D
Monitoring Network Type	: SGMA Representative
Latitude	: 36.346074
Longitude	: -119.780595
Reference Point (feet Elevation)	: 217.3
Ground Surface (feet Elevation)	: 217.3
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: 440.0
Bottom Perforation (feet bgs)	: 460.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

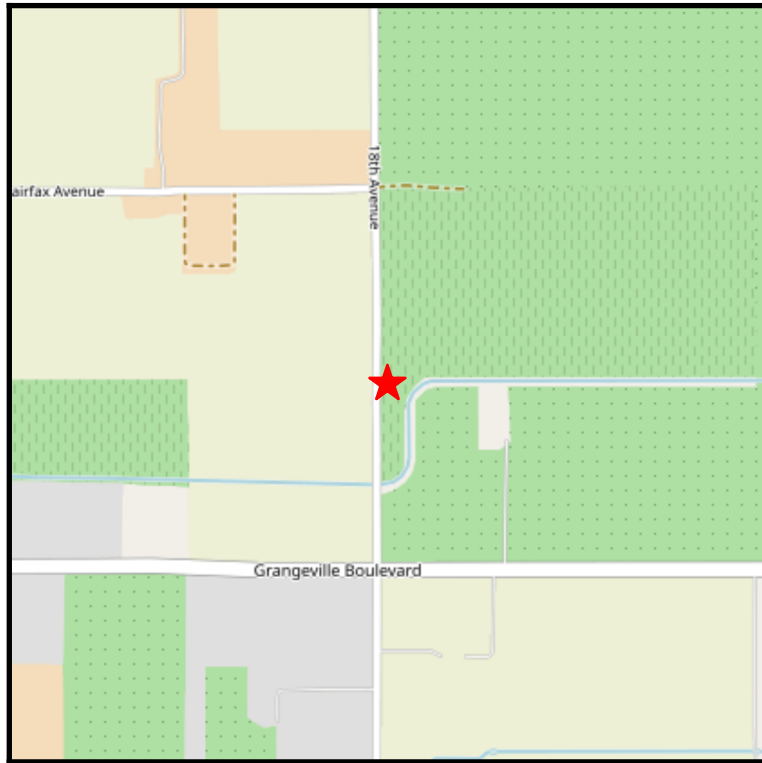
Measurable Objective elevation (feet)	: -10.0
Minimum Threshold elevation (feet)	: -40.0

Hydrograph for KRCDAC1D, B-zone Aquifer



363500N1197800W002 - KRCDAC1M - South Fork Kings GSA

South Fork Kings GSA RMS Location



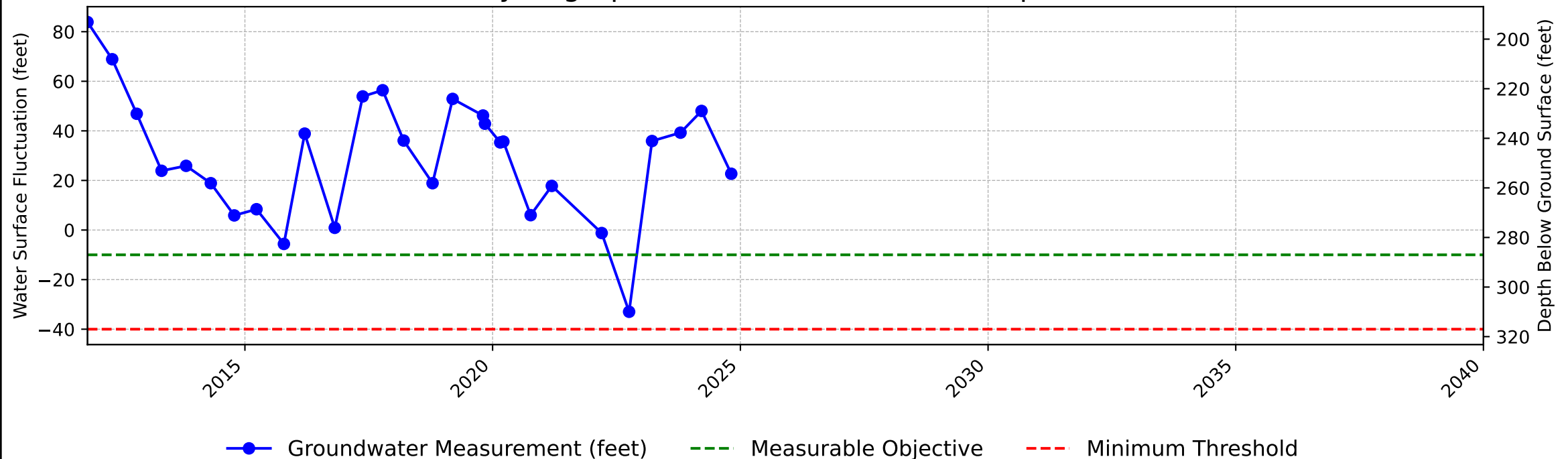
Well Construction Details

Site Code : 363500N1197800W002
Local Well Name : KRCDAC1M
Monitoring Network Type : SGMA Representative
Latitude : 36.346094
Longitude : -119.780523
Reference Point (feet Elevation) : 217.48
Ground Surface (feet Elevation) : 217.48
Well Depth (feet bgs) : UNK
Top Perforation (feet bgs) : 260.0
Bottom Perforation (feet bgs) : 280.0
Tulare Lake Subbasin Aquifer Zone : B

Sustainable Management Thresholds

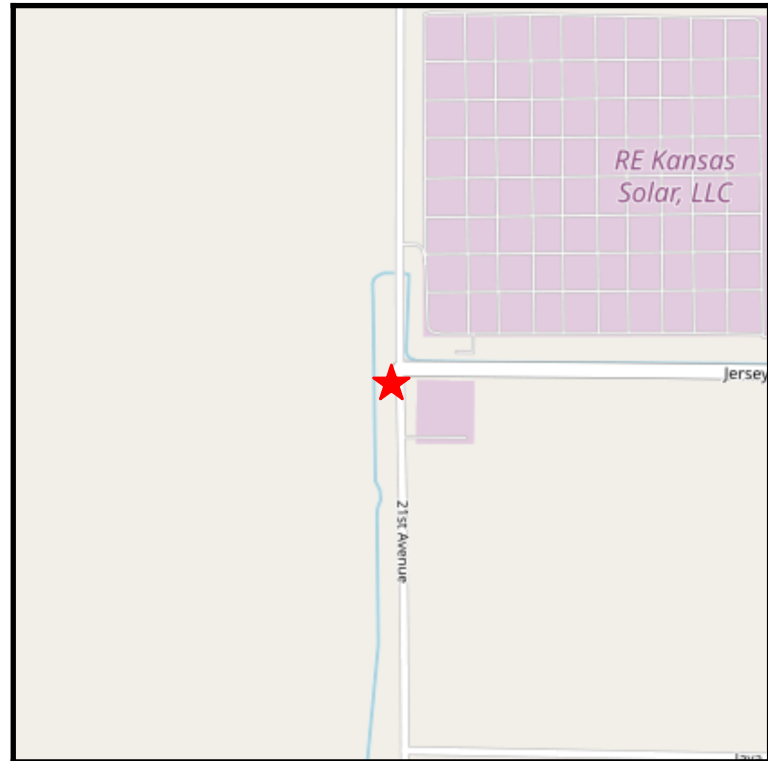
Measurable Objective elevation (feet) : -10.0
Minimum Threshold elevation (feet) : -40.0

Hydrograph for KRCDAC1M, B-zone Aquifer



362400N1198300W001 - KRCDAC3D - South Fork Kings GSA

South Fork Kings GSA RMS Location



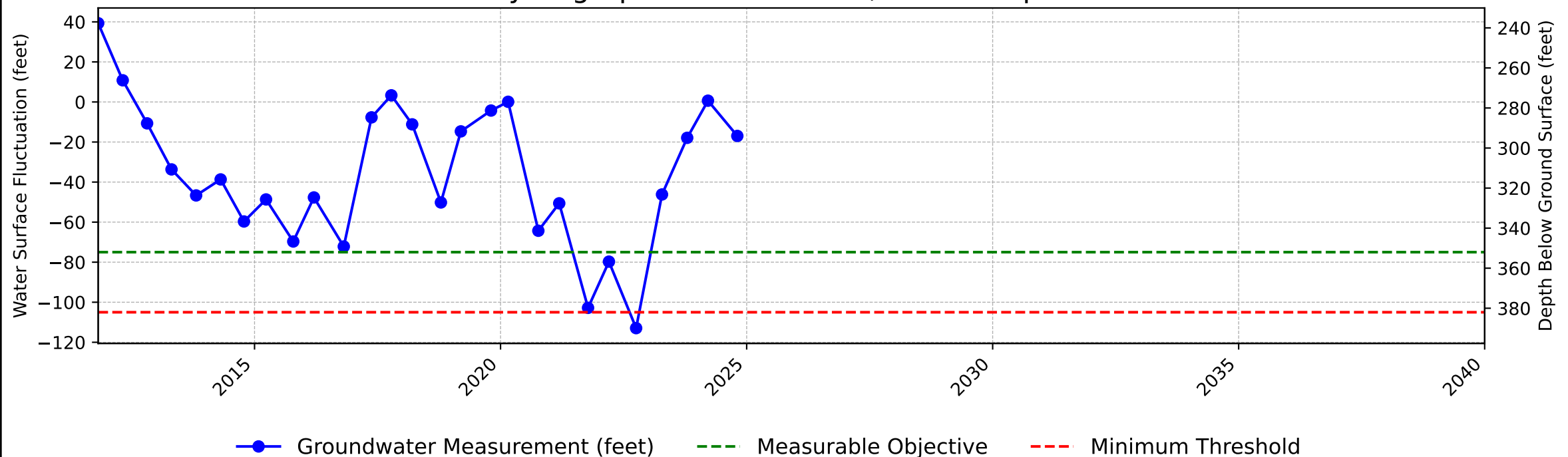
Well Construction Details

Site Code	: 362400N1198300W001
Local Well Name	: KRCDAC3D
Monitoring Network Type	: SGMA Representative
Latitude	: 36.240454
Longitude	: -119.834576
Reference Point (feet Elevation)	: 196.69
Ground Surface (feet Elevation)	: 196.69
Well Depth (feet bgs)	: 450
Top Perforation (feet bgs)	: 430.0
Bottom Perforation (feet bgs)	: 450.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

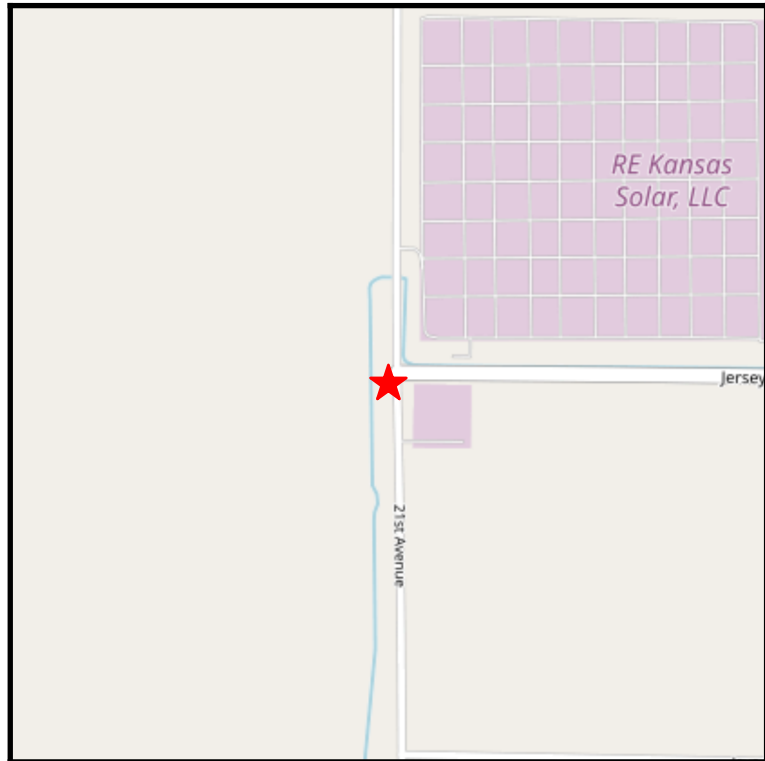
Measurable Objective elevation (feet)	: -75.0
Minimum Threshold elevation (feet)	: -105.0

Hydrograph for KRCDAC3D, B-zone Aquifer



362400N1198300W002 - KRCDAC3M - South Fork Kings GSA

South Fork Kings GSA RMS Location



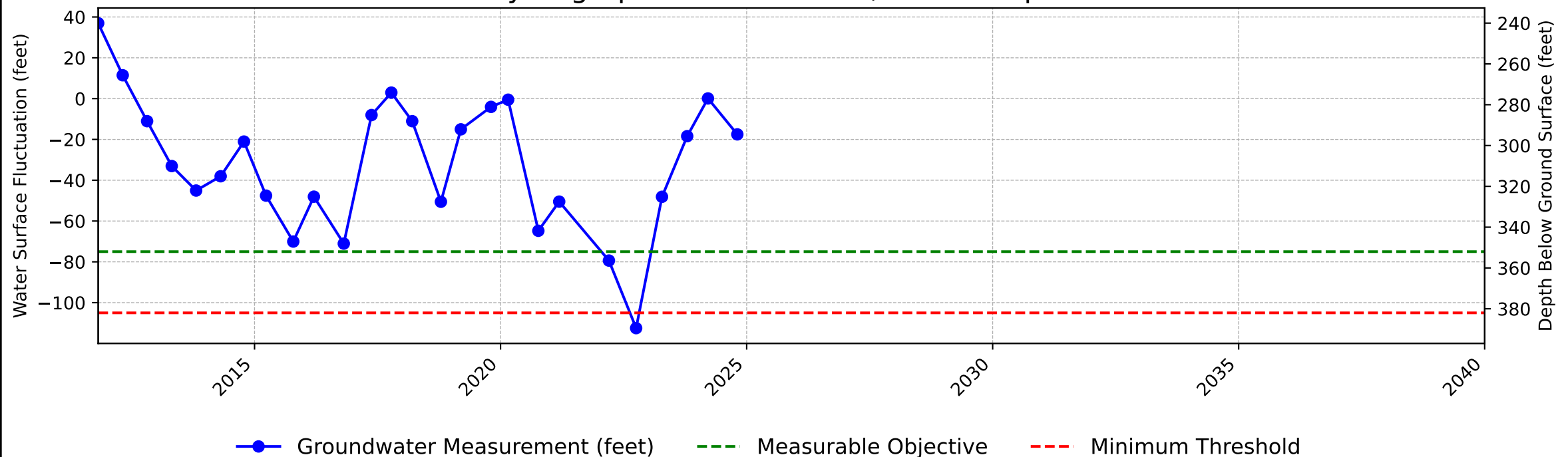
Well Construction Details

Site Code	: 362400N1198300W002
Local Well Name	: KRCDAC3M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.240531
Longitude	: -119.834583
Reference Point (feet Elevation)	: 196.81
Ground Surface (feet Elevation)	: 196.81
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: 340.0
Bottom Perforation (feet bgs)	: 360.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

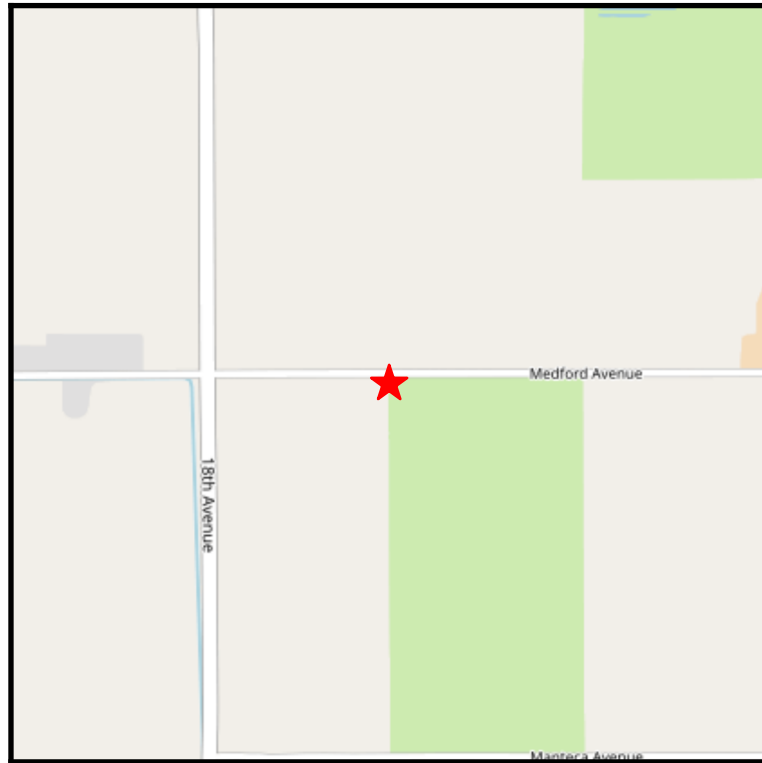
Measurable Objective elevation (feet)	: -75.0
Minimum Threshold elevation (feet)	: -105.0

Hydrograph for KRCDAC3M, B-zone Aquifer



361600N1197800W001 - KRCDAC5M - South Fork Kings GSA

South Fork Kings GSA RMS Location



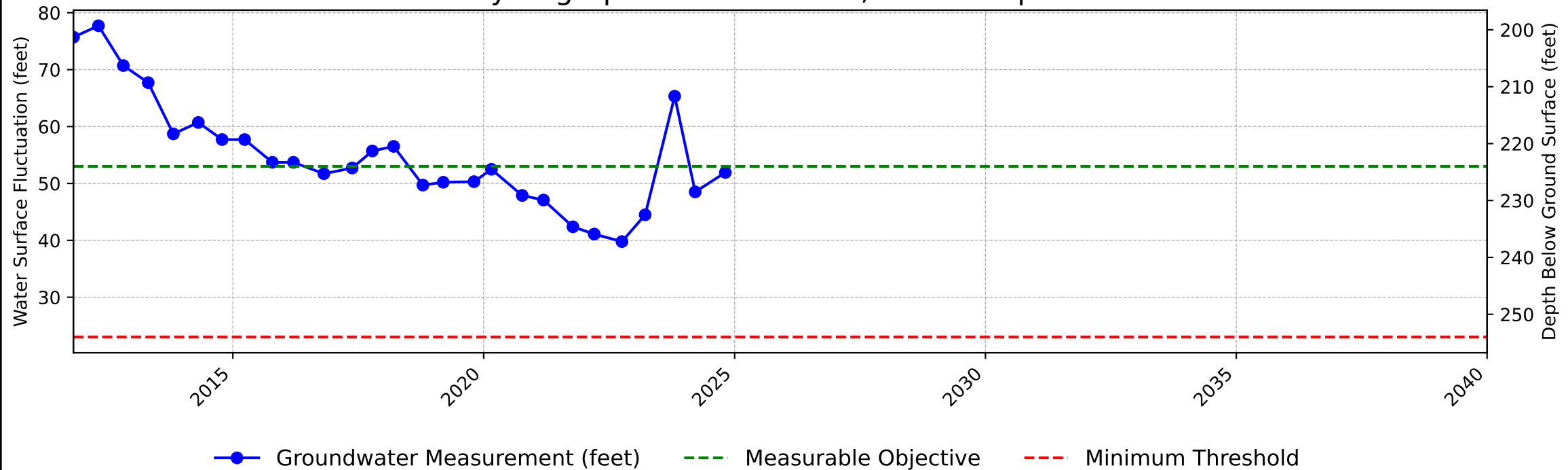
Well Construction Details

Site Code : 361600N1197800W001
Local Well Name : KRCDAC5M
Monitoring Network Type : SGMA Representative
Latitude : 36.15983
Longitude : -119.775813
Reference Point (feet Elevation) : 182.08
Ground Surface (feet Elevation) : 182.08
Well Depth (feet bgs) : 315
Top Perforation (feet bgs) : 295.0
Bottom Perforation (feet bgs) : 315.0
Tulare Lake Subbasin Aquifer Zone : B

Sustainable Management Thresholds

Measurable Objective elevation (feet) : 53.0
Minimum Threshold elevation (feet) : 23.0

Hydrograph for KRCDAC5M, B-zone Aquifer



362410N1197802W001 - CU ELEMENTARY SCHOOL - South Fork Kings GSA

South Fork Kings GSA RMS Location



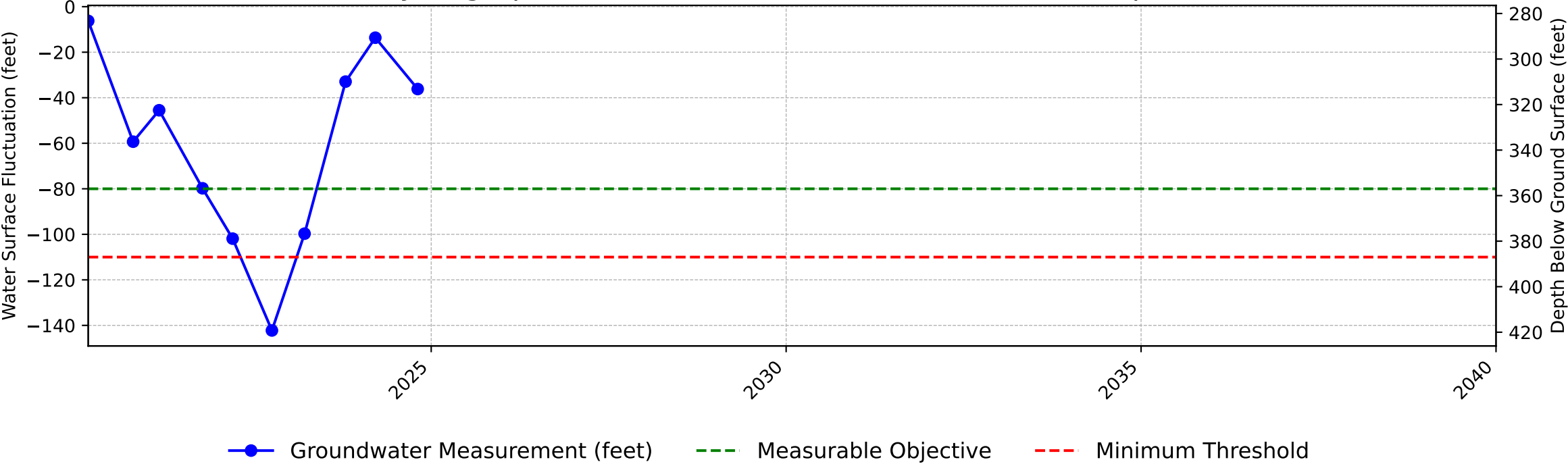
Well Construction Details

Site Code	: 362410N1197802W001
Local Well Name	: CU ELEMENTARY SCHOOL
Monitoring Network Type	: SGMA Representative
Latitude	: 36.2438
Longitude	: -119.77963
Reference Point (feet Elevation)	: 202.62
Ground Surface (feet Elevation)	: 202.62
Well Depth (feet bgs)	: 196.0
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: -80.0
Minimum Threshold elevation (feet)	: -110.0

Hydrograph for CU ELEMENTARY SCHOOL, B-zone Aquifer



363133N1198512W001 - 19S20E06D004M - South Fork Kings GSA

South Fork Kings GSA RMS Location



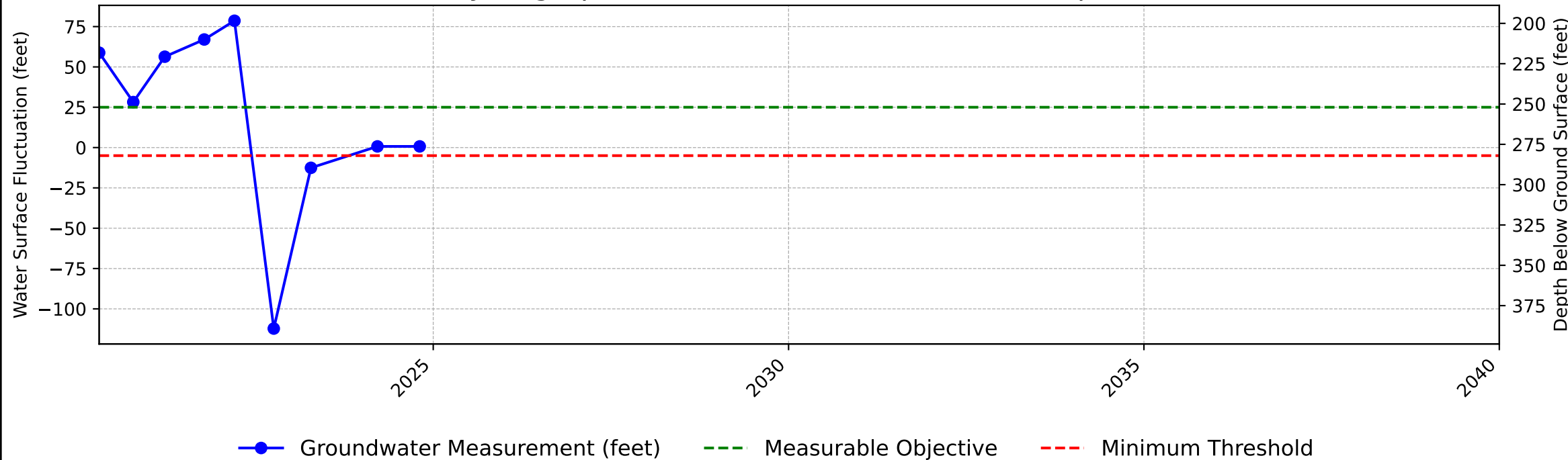
Well Construction Details

Site Code	: 363133N1198512W001
Local Well Name	: 19S20E06D004M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.31333
Longitude	: -119.851158
Reference Point (feet Elevation)	: 202.42
Ground Surface (feet Elevation)	: 202.42
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: 258.0
Bottom Perforation (feet bgs)	: 498.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

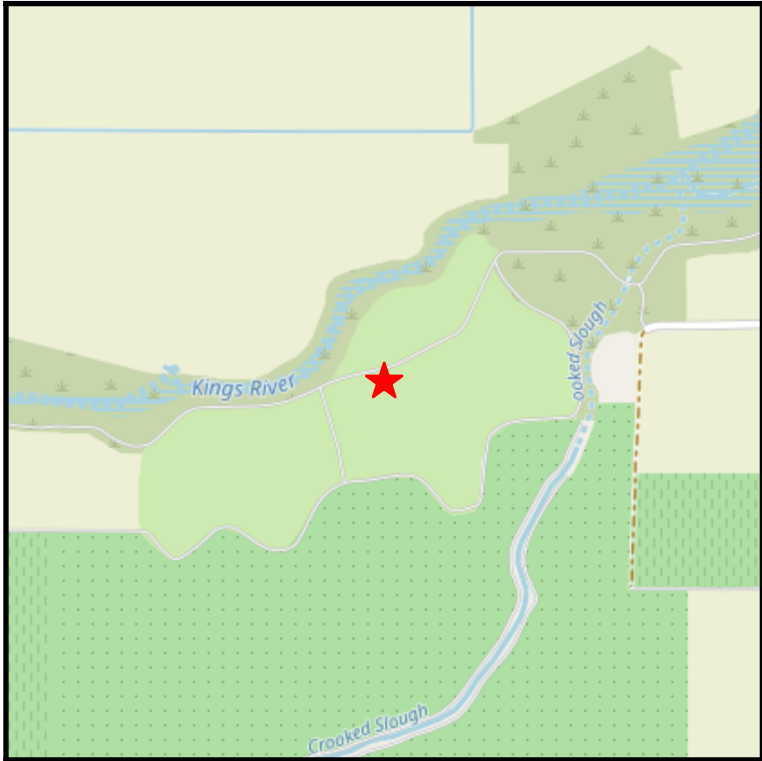
Measurable Objective elevation (feet)	: 25.0
Minimum Threshold elevation (feet)	: -5.0

Hydrograph for 19S20E06D004M, B-zone Aquifer



363863N1197745W001 - 1610005-009 - South Fork Kings GSA

South Fork Kings GSA RMS Location



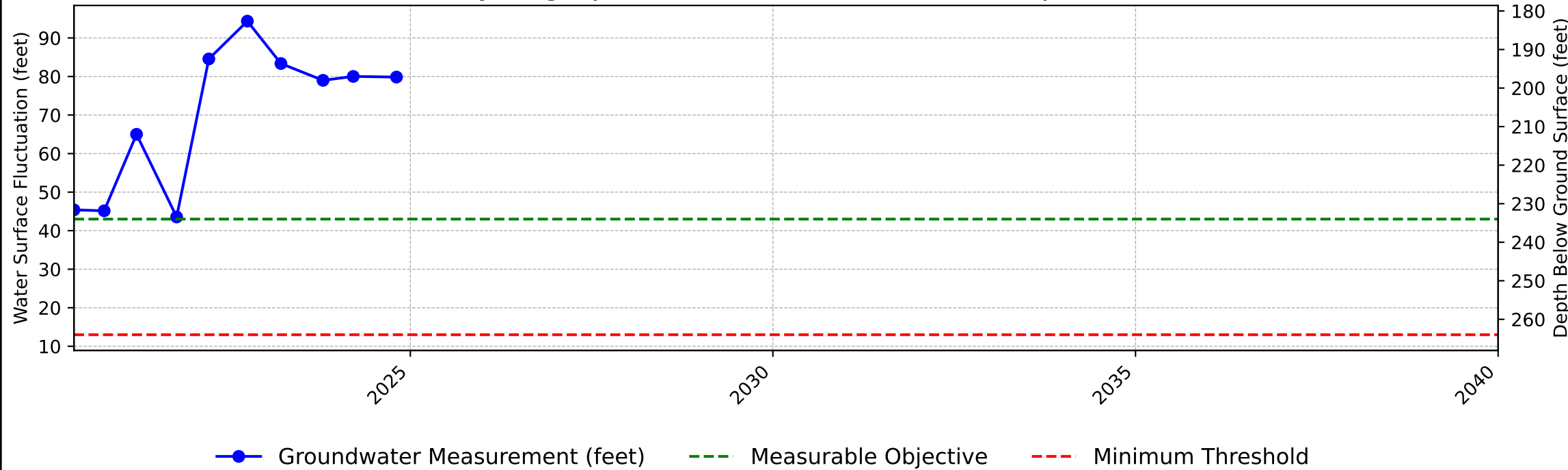
Well Construction Details

Site Code	: 363863N1197745W001
Local Well Name	: 1610005-009
Monitoring Network Type	: SGMA Representative
Latitude	: 36.386283
Longitude	: -119.774483
Reference Point (feet Elevation)	: 230.56
Ground Surface (feet Elevation)	: 229.43
Well Depth (feet bgs)	: 455
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 43.0
Minimum Threshold elevation (feet)	: 13.0

Hydrograph for 1610005-009, B-zone Aquifer



363315N1198269W001 - LR-19 - South Fork Kings GSA

South Fork Kings GSA RMS Location



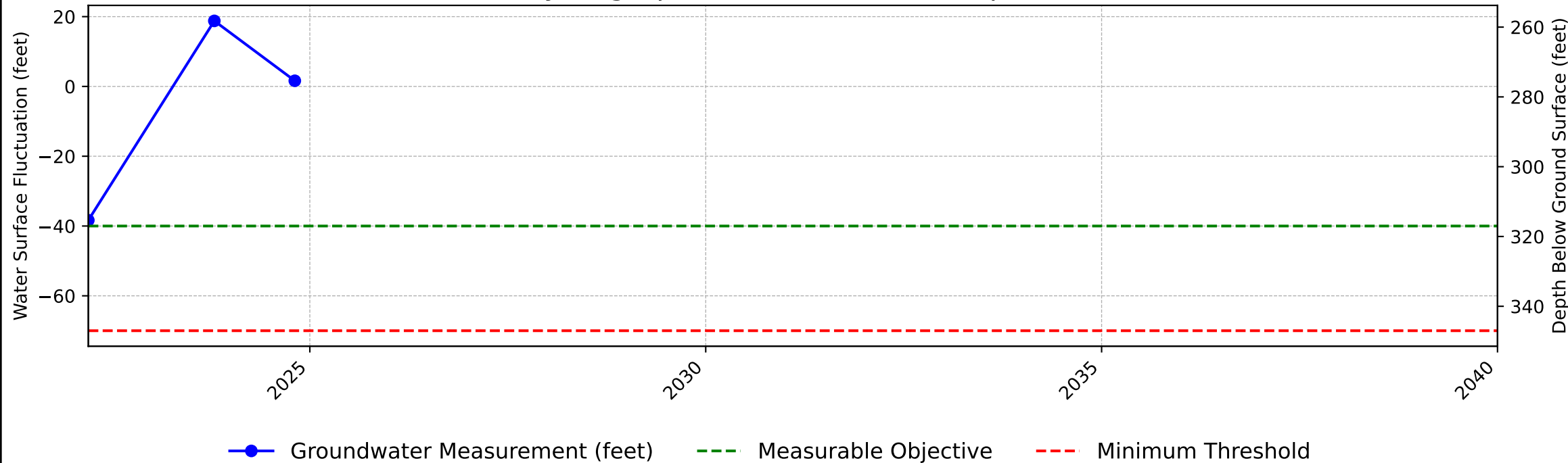
Well Construction Details

Site Code	: 363315N1198269W001
Local Well Name	: LR-19
Monitoring Network Type	: SGMA Representative
Latitude	: 36.33153
Longitude	: -119.82695
Reference Point (feet Elevation)	: 207.14
Ground Surface (feet Elevation)	: 207.14
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: 340.0
Bottom Perforation (feet bgs)	: 540.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: -40.0
Minimum Threshold elevation (feet)	: -70.0

Hydrograph for LR-19, B-zone Aquifer



363349N1198129W001 - LR-4 - South Fork Kings GSA

South Fork Kings GSA RMS Location



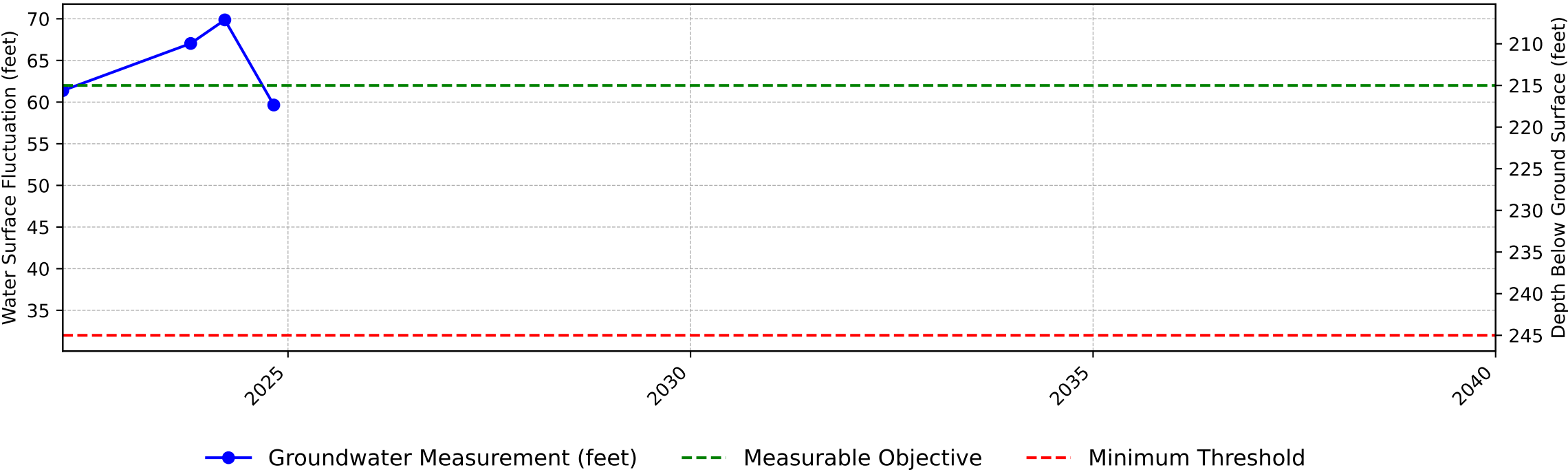
Well Construction Details

Site Code	: 363349N1198129W001
Local Well Name	: LR-4
Monitoring Network Type	: SGMA Representative
Latitude	: 36.33493
Longitude	: -119.81295
Reference Point (feet Elevation)	: 210.68
Ground Surface (feet Elevation)	: 210.68
Well Depth (feet bgs)	: 390
Top Perforation (feet bgs)	: 210.0
Bottom Perforation (feet bgs)	: 390.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 62.0
Minimum Threshold elevation (feet)	: 32.0

Hydrograph for LR-4, B-zone Aquifer



363244N1198264W001 - LR-18 - South Fork Kings GSA

South Fork Kings GSA RMS Location



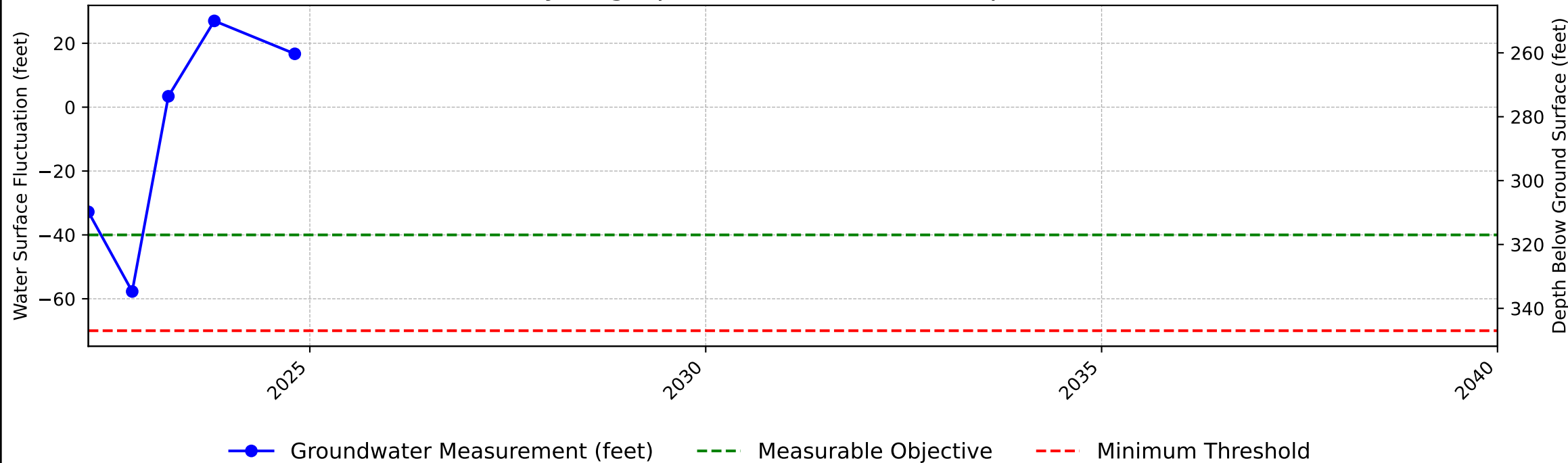
Well Construction Details

Site Code	: 363244N1198264W001
Local Well Name	: LR-18
Monitoring Network Type	: SGMA Representative
Latitude	: 36.32442
Longitude	: -119.82649
Reference Point (feet Elevation)	: 208.44
Ground Surface (feet Elevation)	: 208.44
Well Depth (feet bgs)	: UNK
Top Perforation (feet bgs)	: 210.0
Bottom Perforation (feet bgs)	: 450.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

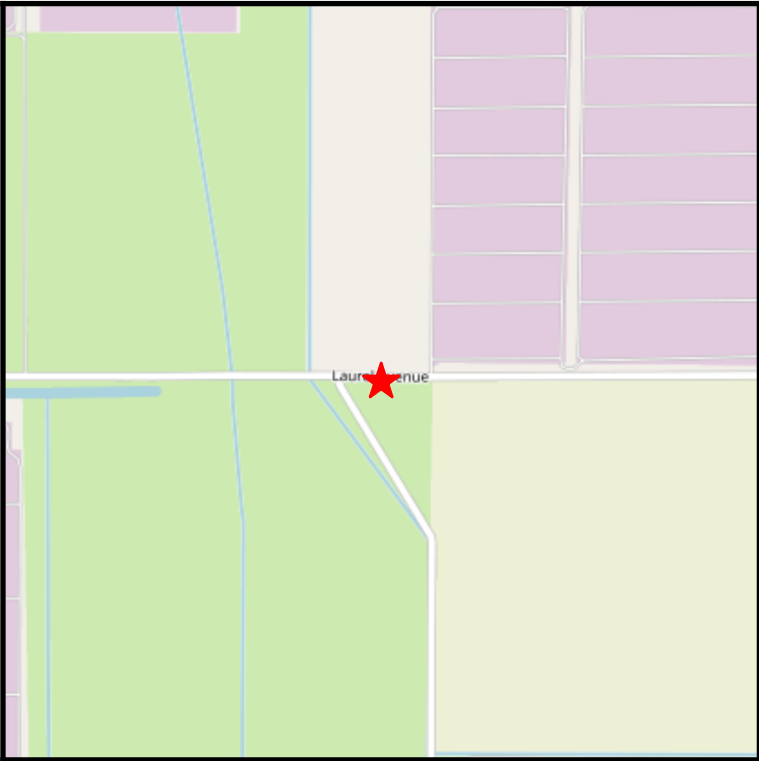
Measurable Objective elevation (feet)	: -40.0
Minimum Threshold elevation (feet)	: -70.0

Hydrograph for LR-18, B-zone Aquifer



361893N1198706W001 - SL-1 - South Fork Kings GSA

South Fork Kings GSA RMS Location



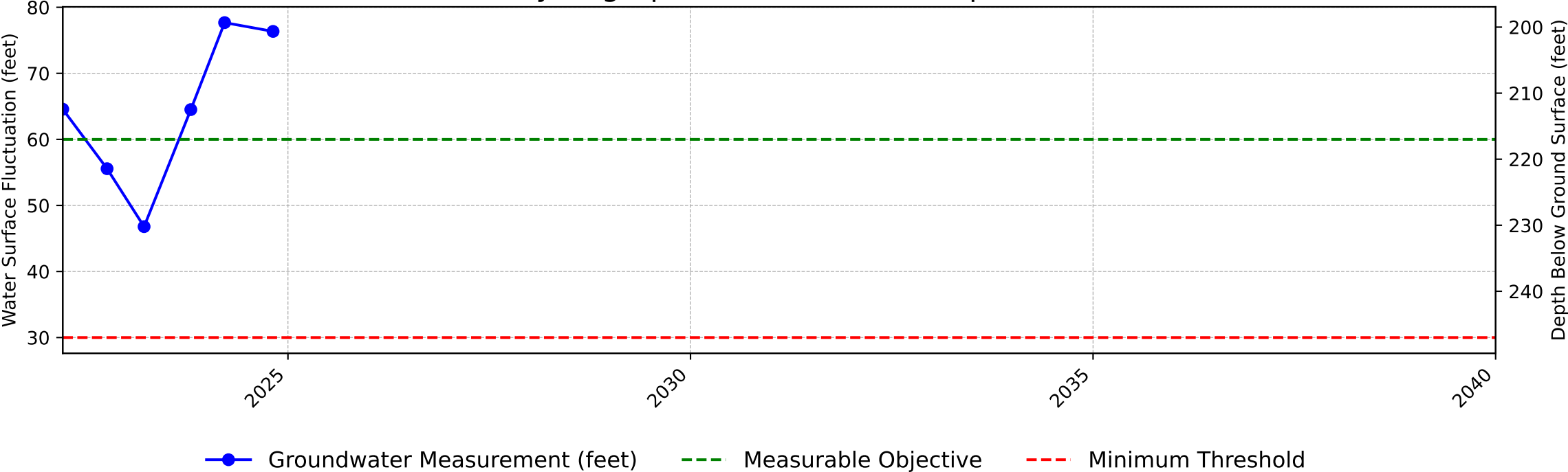
Well Construction Details

Site Code	: 361893N1198706W001
Local Well Name	: SL-1
Monitoring Network Type	: SGMA Representative
Latitude	: 36.18931
Longitude	: -119.87064
Reference Point (feet Elevation)	: 196.0
Ground Surface (feet Elevation)	: 195.0
Well Depth (feet bgs)	: 348.52
Top Perforation (feet bgs)	: 330.0
Bottom Perforation (feet bgs)	: 340.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 60.0
Minimum Threshold elevation (feet)	: 30.0

Hydrograph for SL-1, B-zone Aquifer



362061N1198388W001 - 20S20E07H001M - South Fork Kings GSA

South Fork Kings GSA RMS Location



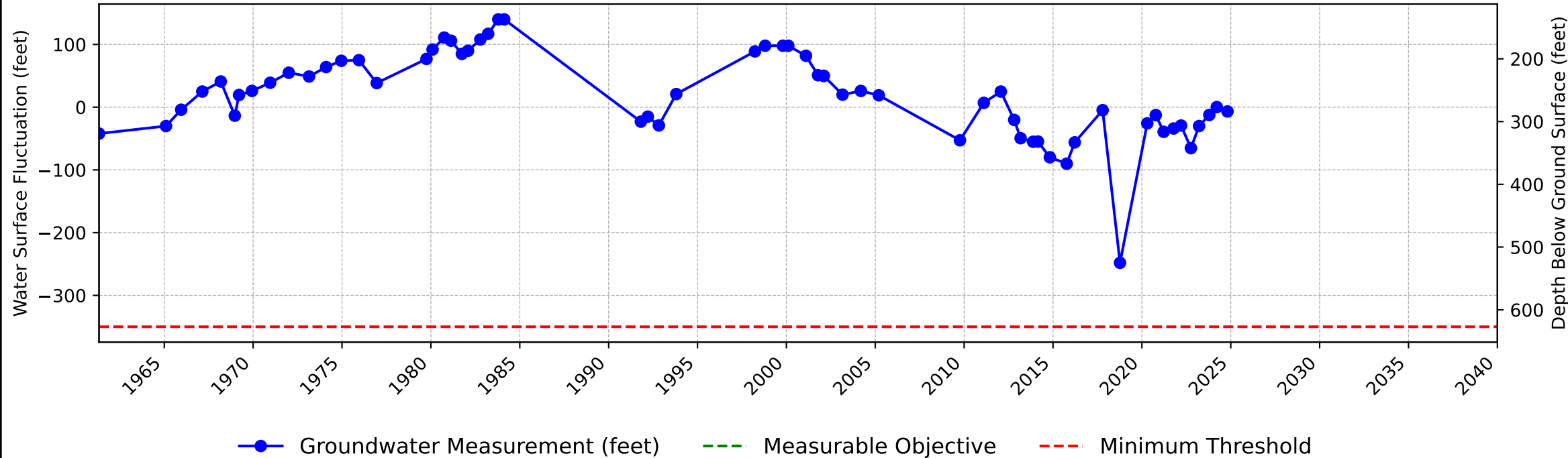
Well Construction Details

Site Code	: 362061N1198388W001
Local Well Name	: 20S20E07H001M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.205553
Longitude	: -119.839228
Reference Point (feet Elevation)	: 195.67
Ground Surface (feet Elevation)	: 195.67
Well Depth (feet bgs)	: 1980
Top Perforation (feet bgs)	: 750.0
Bottom Perforation (feet bgs)	: 1980.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -350.0

Hydrograph for 20S20E07H001M, C-zone Aquifer



361617N1198124W001 - 20S20E28E003M - South Fork Kings GSA

South Fork Kings GSA RMS Location



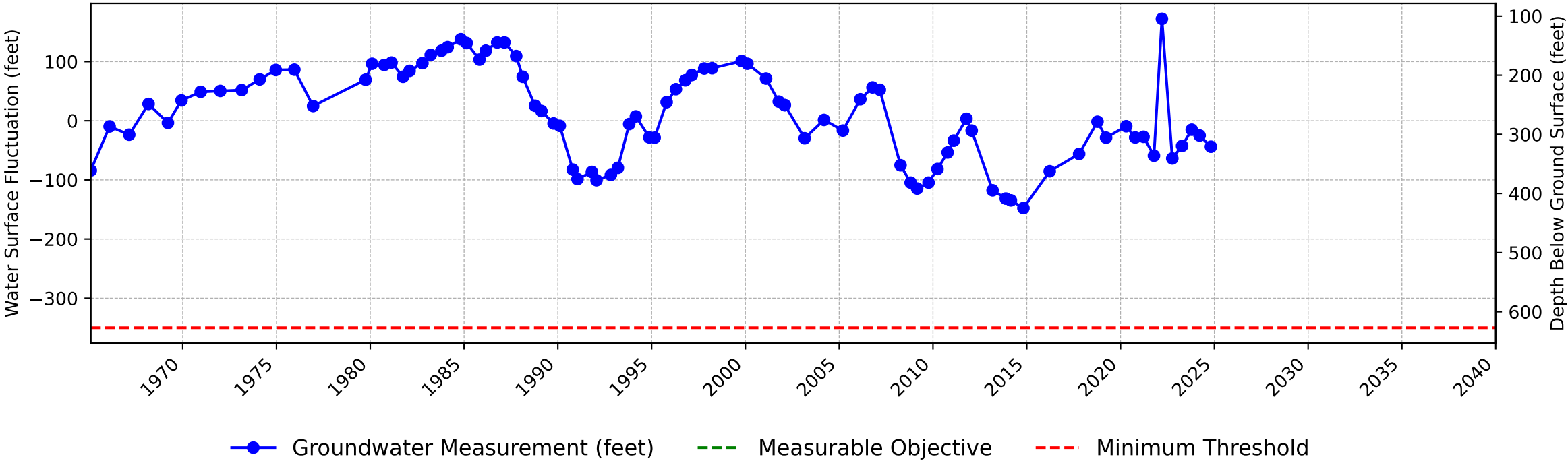
Well Construction Details

Site Code	: 361617N1198124W001
Local Well Name	: 20S20E28E003M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.161454
Longitude	: -119.812431
Reference Point (feet Elevation)	: 186.6
Ground Surface (feet Elevation)	: 186.6
Well Depth (feet bgs)	: 1921
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

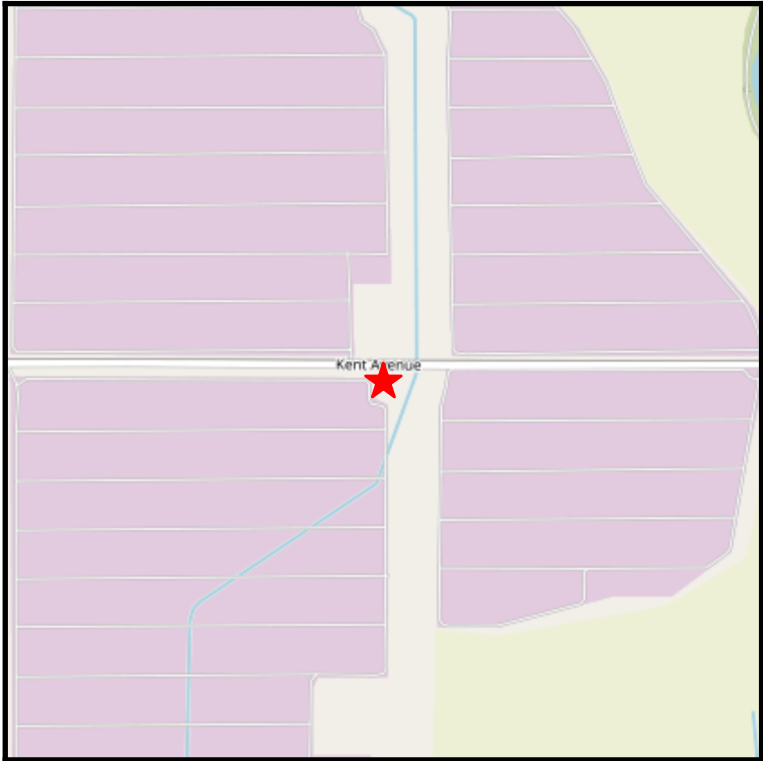
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -350.0

Hydrograph for 20S20E28E003M, C-zone Aquifer



362258N1198699W001 - 20S/19E-02A01 - South Fork Kings GSA

South Fork Kings GSA RMS Location



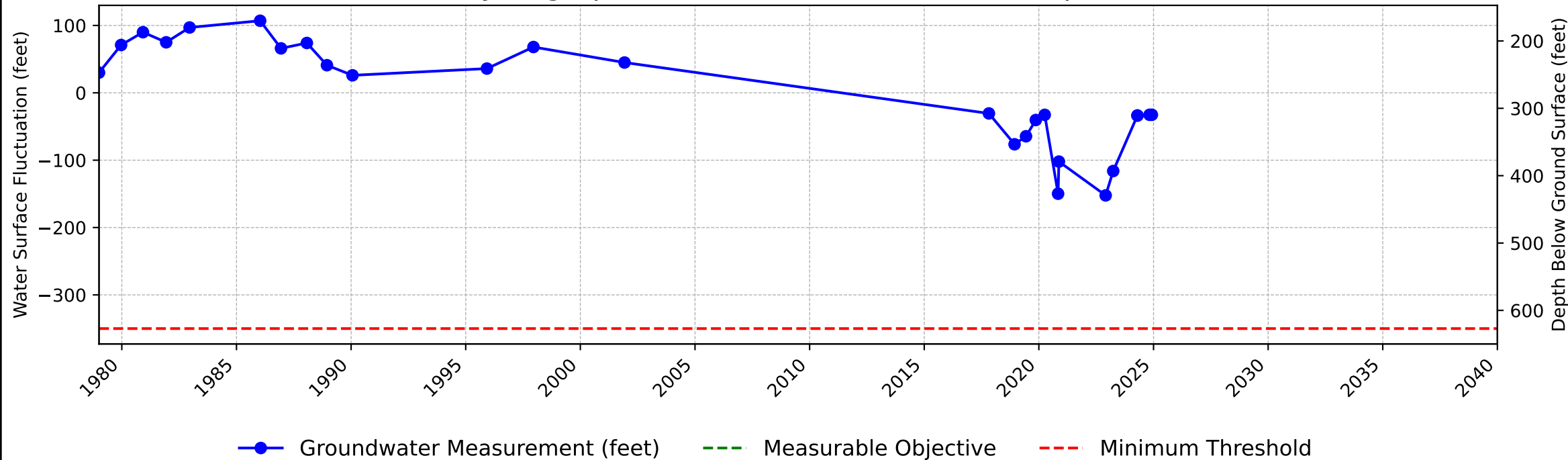
Well Construction Details

Site Code	: 362258N1198699W001
Local Well Name	: 20S/19E-02A01
Monitoring Network Type	: SGMA Representative
Latitude	: 36.22586
Longitude	: -119.86996
Reference Point (feet Elevation)	: 210.9
Ground Surface (feet Elevation)	: 210.9
Well Depth (feet bgs)	: 2090
Top Perforation (feet bgs)	: 869.0
Bottom Perforation (feet bgs)	: 2090.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

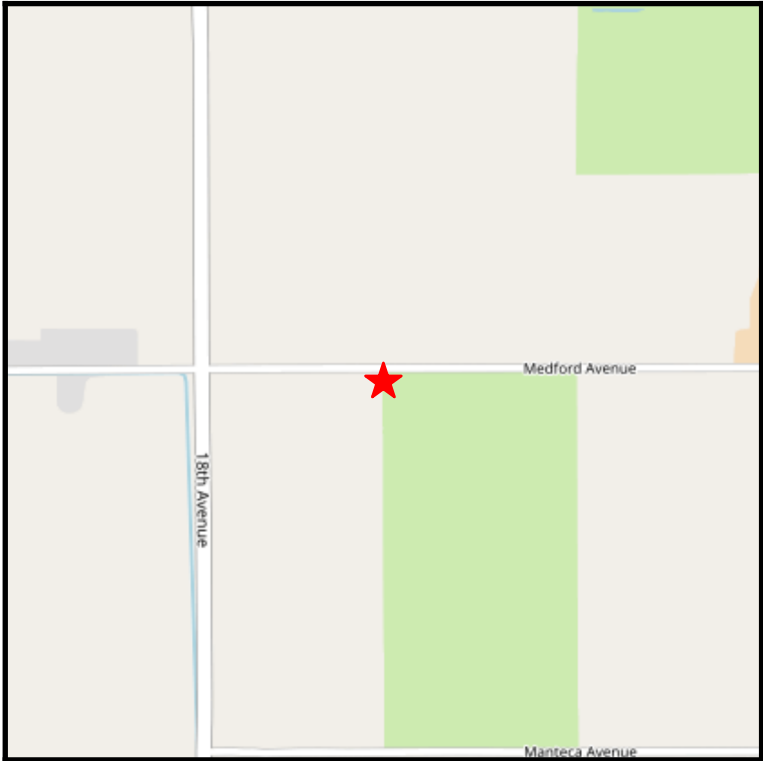
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -350.0

Hydrograph for 20S/19E-02A01, C-zone Aquifer



361600N1197700W001 - KRCDAC5D - South Fork Kings GSA

South Fork Kings GSA RMS Location



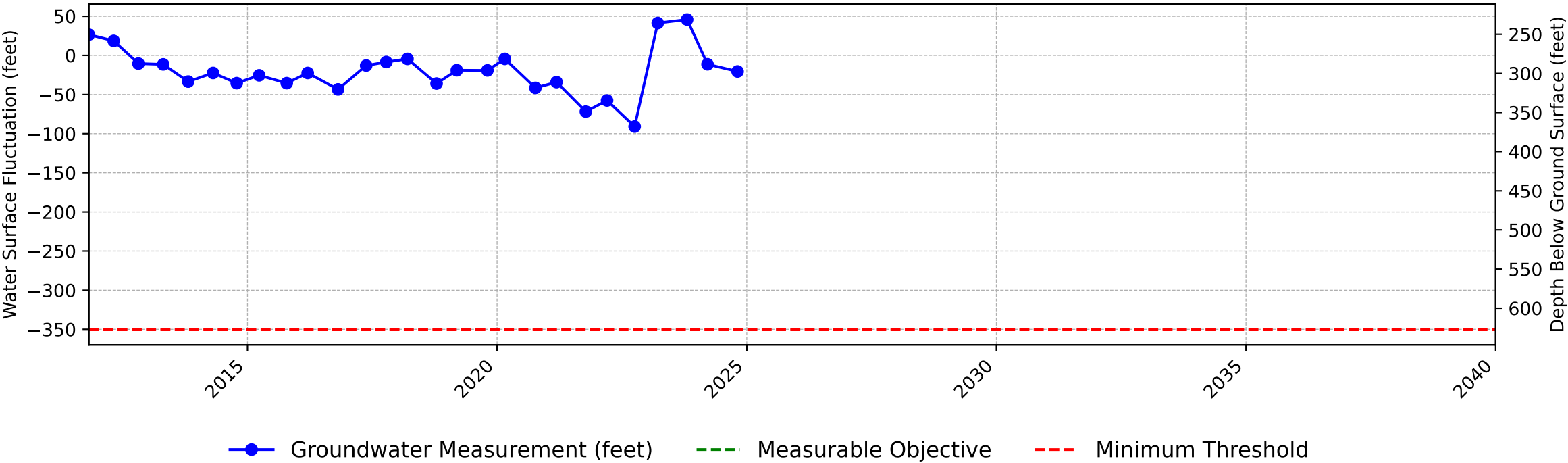
Well Construction Details

Site Code	: 361600N1197700W001
Local Well Name	: KRCDAC5D
Monitoring Network Type	: SGMA Representative
Latitude	: 36.159773
Longitude	: -119.7758
Reference Point (feet Elevation)	: 182.57
Ground Surface (feet Elevation)	: 182.57
Well Depth (feet bgs)	: 520
Top Perforation (feet bgs)	: 500.0
Bottom Perforation (feet bgs)	: 520.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

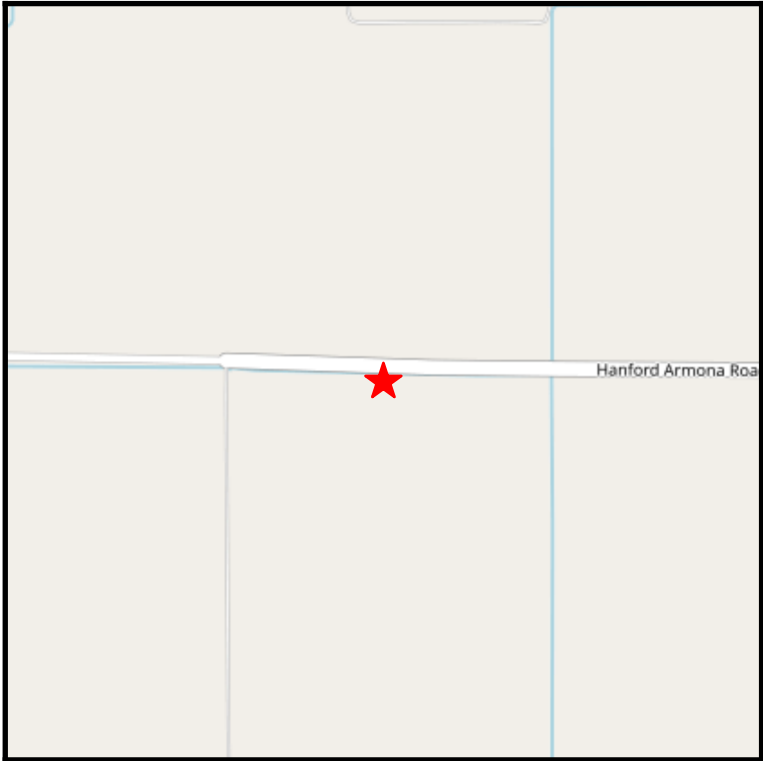
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -350.0

Hydrograph for KRCDAC5D, C-zone Aquifer



363133N1198477W002 - 19S20E06D005M - South Fork Kings GSA

South Fork Kings GSA RMS Location



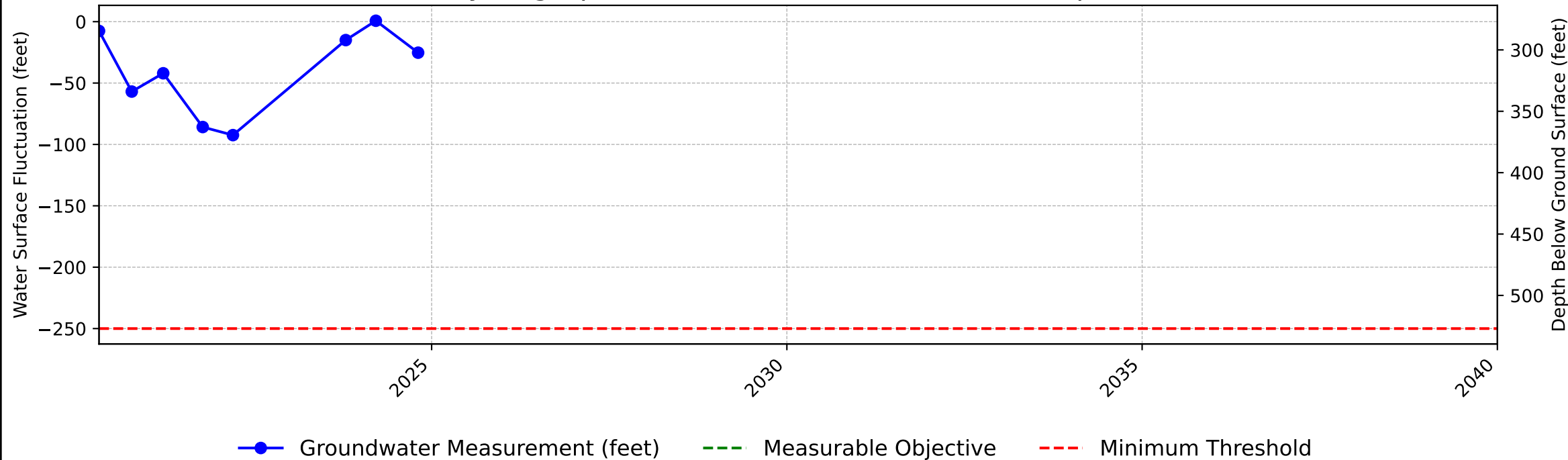
Well Construction Details

Site Code	: 363133N1198477W002
Local Well Name	: 19S20E06D005M
Monitoring Network Type	: SGMA Representative
Latitude	: 36.313262
Longitude	: -119.847719
Reference Point (feet Elevation)	: 189.0
Ground Surface (feet Elevation)	: 189.0
Well Depth (feet bgs)	: 940
Top Perforation (feet bgs)	: 620.0
Bottom Perforation (feet bgs)	: 940.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

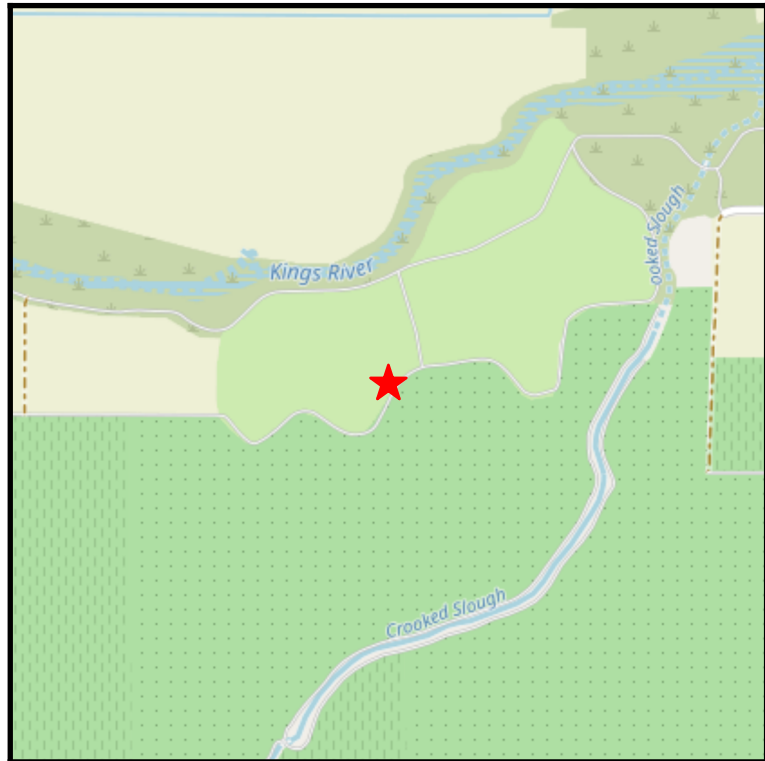
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -250.0

Hydrograph for 19S20E06D005M, C-zone Aquifer



363840N1197762W002 - 1610005-020 - South Fork Kings GSA

South Fork Kings GSA RMS Location



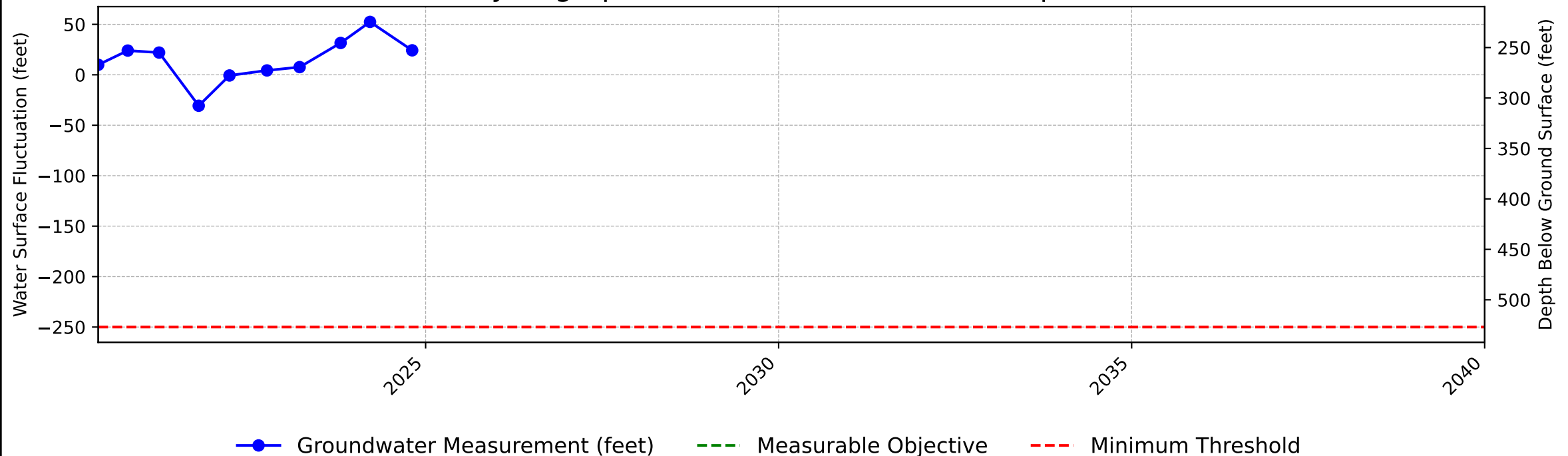
Well Construction Details

Site Code	: 363840N1197762W002
Local Well Name	: 1610005-020
Monitoring Network Type	: SGMA Representative
Latitude	: 36.38403
Longitude	: -119.776217
Reference Point (feet Elevation)	: 229.32
Ground Surface (feet Elevation)	: 229.32
Well Depth (feet bgs)	: 773
Top Perforation (feet bgs)	: 650.0
Bottom Perforation (feet bgs)	: 750.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

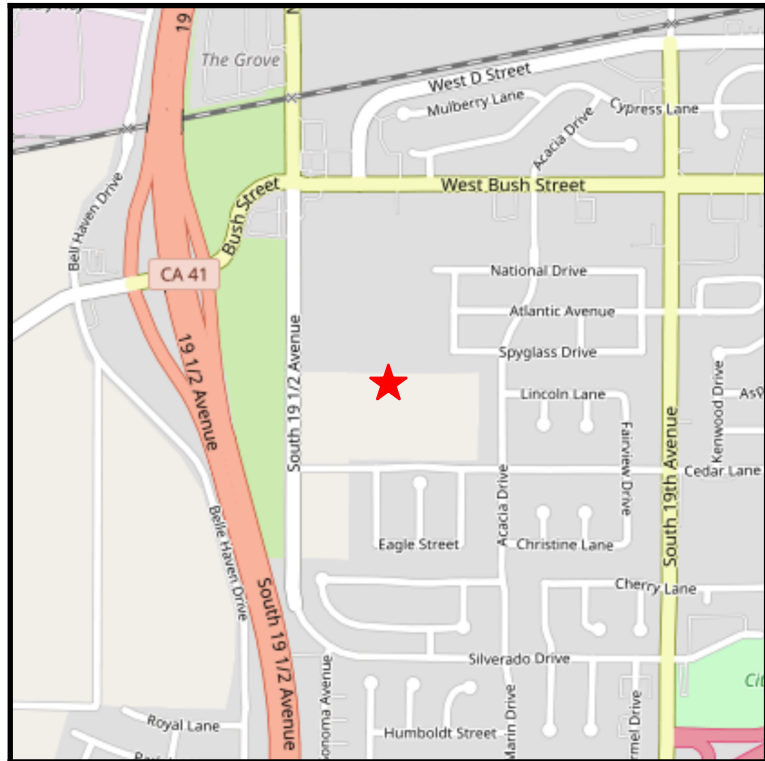
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -250.0

Hydrograph for 1610005-020, C-zone Aquifer



362944N1198055W001 - 1610005-011 - South Fork Kings GSA

South Fork Kings GSA RMS Location



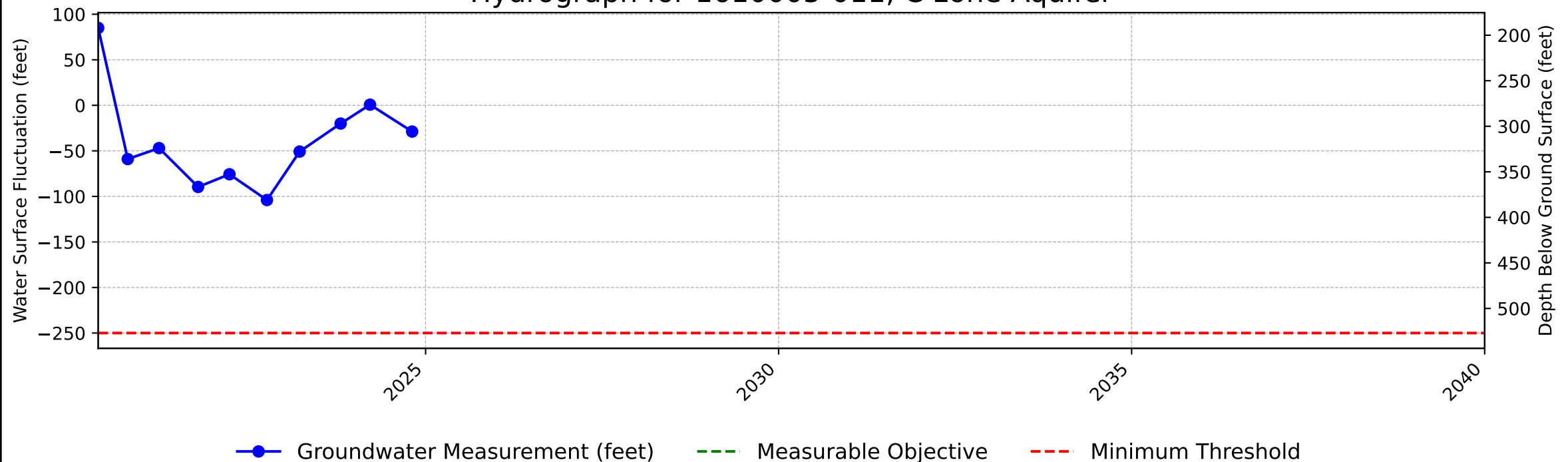
Well Construction Details

Site Code : 362944N1198055W001
Local Well Name : 1610005-011
Monitoring Network Type : SGMA Representative
Latitude : 36.294433
Longitude : -119.805483
Reference Point (feet Elevation) : 208.32
Ground Surface (feet Elevation) : 208.32
Well Depth (feet bgs) : 1577
Top Perforation (feet bgs) : 822.0
Bottom Perforation (feet bgs) : 958.0
Tulare Lake Subbasin Aquifer Zone : C

Sustainable Management Thresholds

Measurable Objective elevation (feet) : Not Applicable
Minimum Threshold elevation (feet) : -250.0

Hydrograph for 1610005-011, C-zone Aquifer



360074N1199605W001 - Becky Pease Well - Southwest Kings GSA

Southwest Kings GSA RMS Location



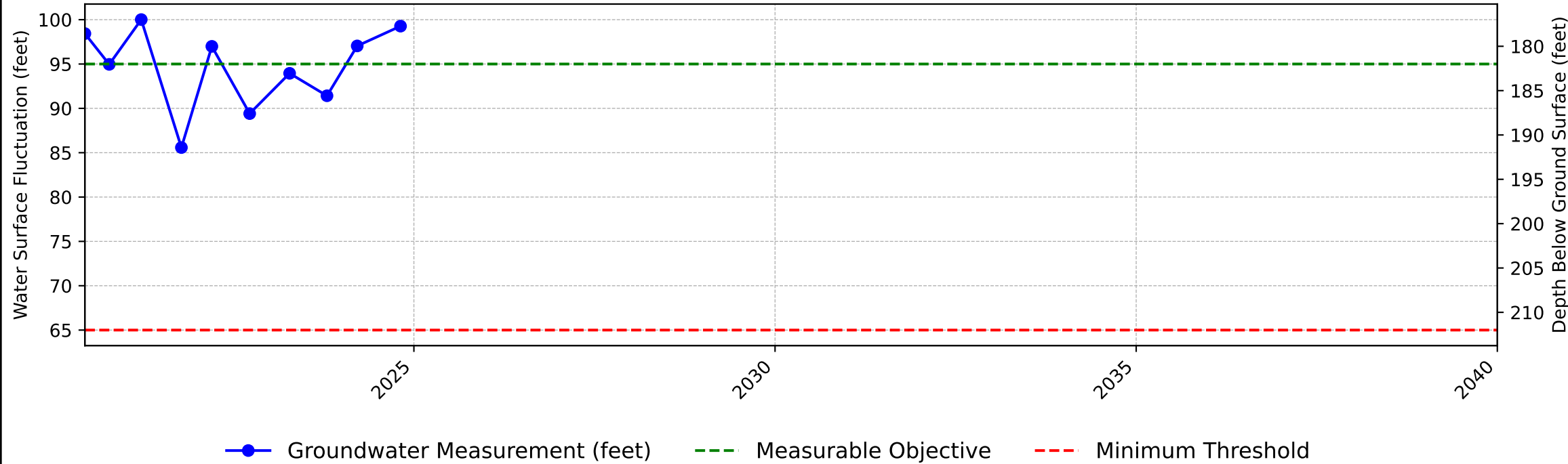
Well Construction Details

Site Code	: 360074N1199605W001
Local Well Name	: Becky Pease Well
Monitoring Network Type	: SGMA Representative
Latitude	: 36.0074
Longitude	: -119.96047
Reference Point (feet Elevation)	: 250.41
Ground Surface (feet Elevation)	: 250.41
Well Depth (feet bgs)	: 700
Top Perforation (feet bgs)	: 400.0
Bottom Perforation (feet bgs)	: 630.0
Tulare Lake Subbasin Aquifer Zone	: B

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: 95.0
Minimum Threshold elevation (feet)	: 65.0

Hydrograph for Becky Pease Well, B-zone Aquifer



360879N1199263W001 - Well 16-8 - Southwest Kings GSA

Southwest Kings GSA RMS Location



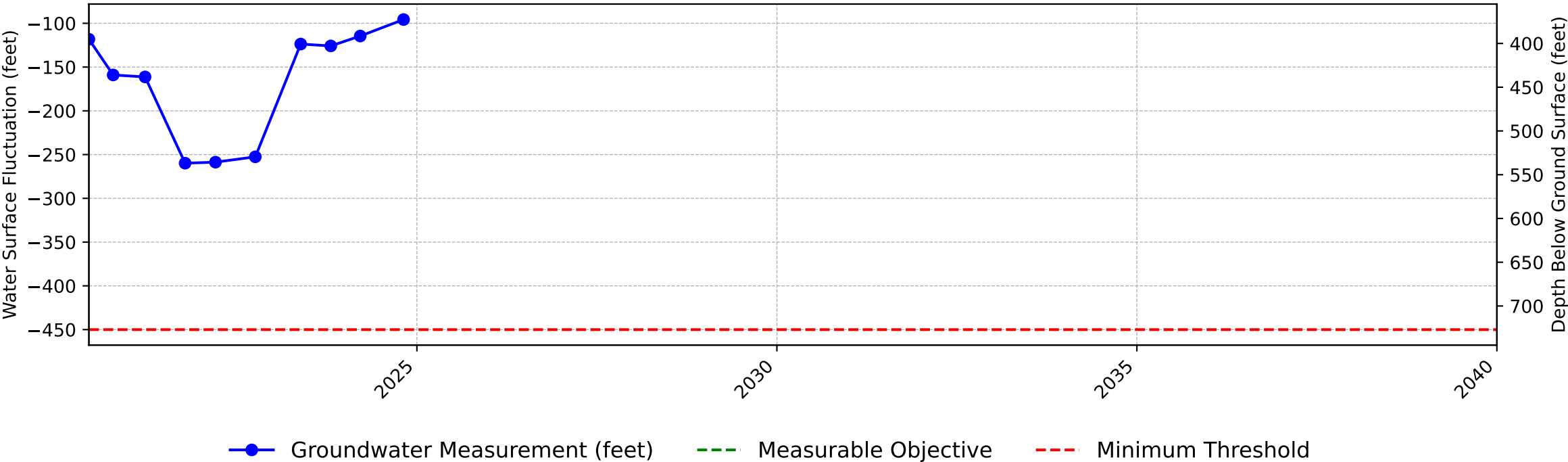
Well Construction Details

Site Code	: 360879N1199263W001
Local Well Name	: Well 16-8
Monitoring Network Type	: SGMA Representative
Latitude	: 36.08787
Longitude	: -119.9263
Reference Point (feet Elevation)	: 207.27
Ground Surface (feet Elevation)	: 207.27
Well Depth (feet bgs)	: 1440
Top Perforation (feet bgs)	: UNK
Bottom Perforation (feet bgs)	: UNK
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

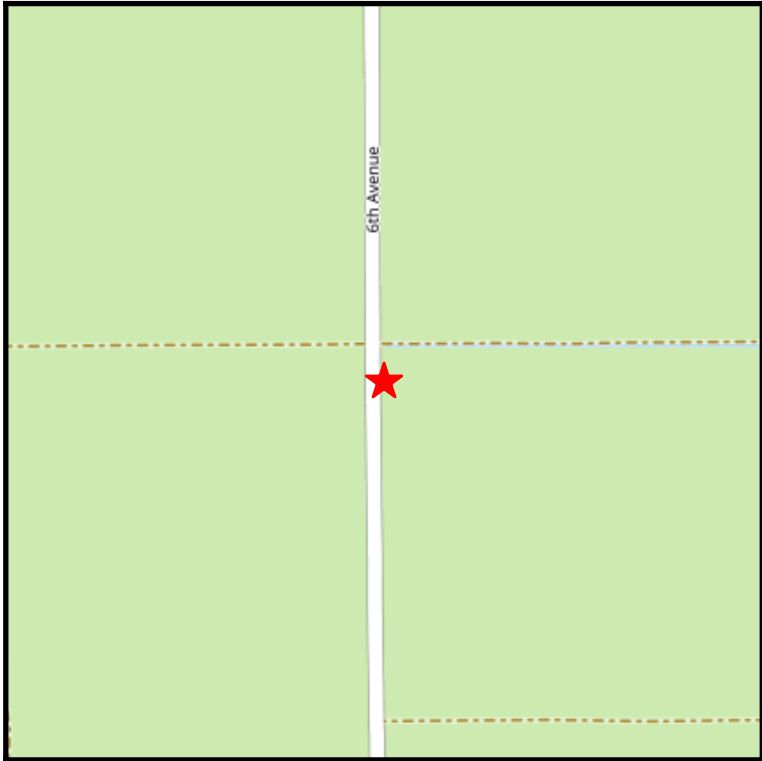
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -450.0

Hydrograph for Well 16-8, C-zone Aquifer



358036N1195732W001 - FB 35-2 - Tri-County Water Authority GSA - Tulare Lake

Tri-County Water Authority GSA - Tulare Lake RMS Location



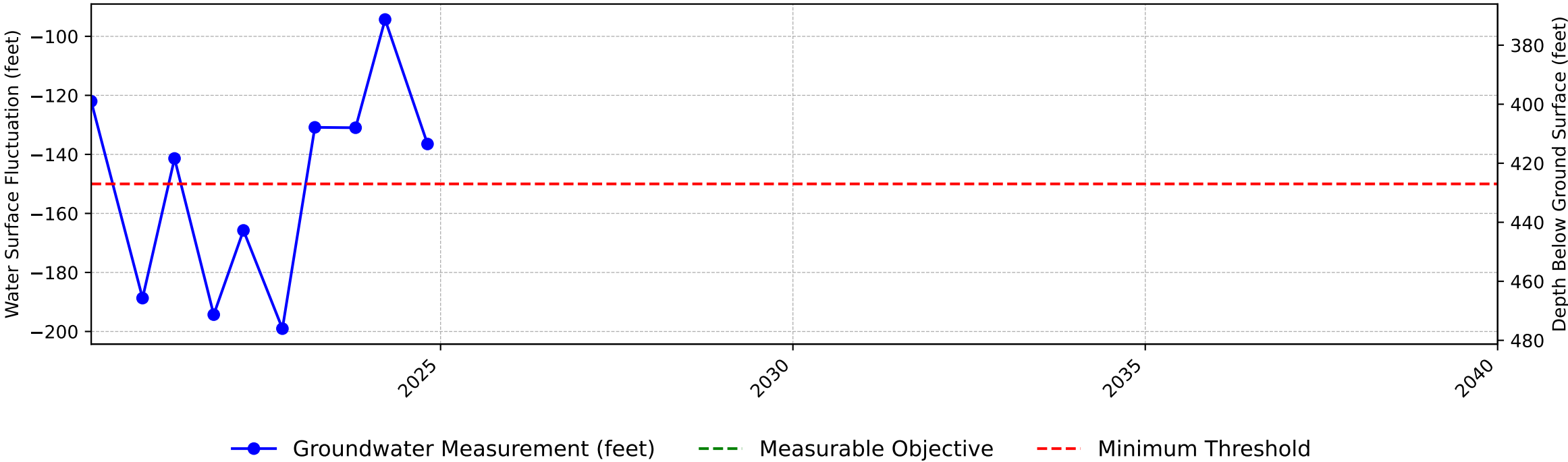
Well Construction Details

Site Code	: 358036N1195732W001
Local Well Name	: FB 35-2
Monitoring Network Type	: SGMA Representative
Latitude	: 35.80363
Longitude	: -119.57318
Reference Point (feet Elevation)	: 179.0
Ground Surface (feet Elevation)	: 179.0
Well Depth (feet bgs)	: 1050
Top Perforation (feet bgs)	: 640.0
Bottom Perforation (feet bgs)	: 1000.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

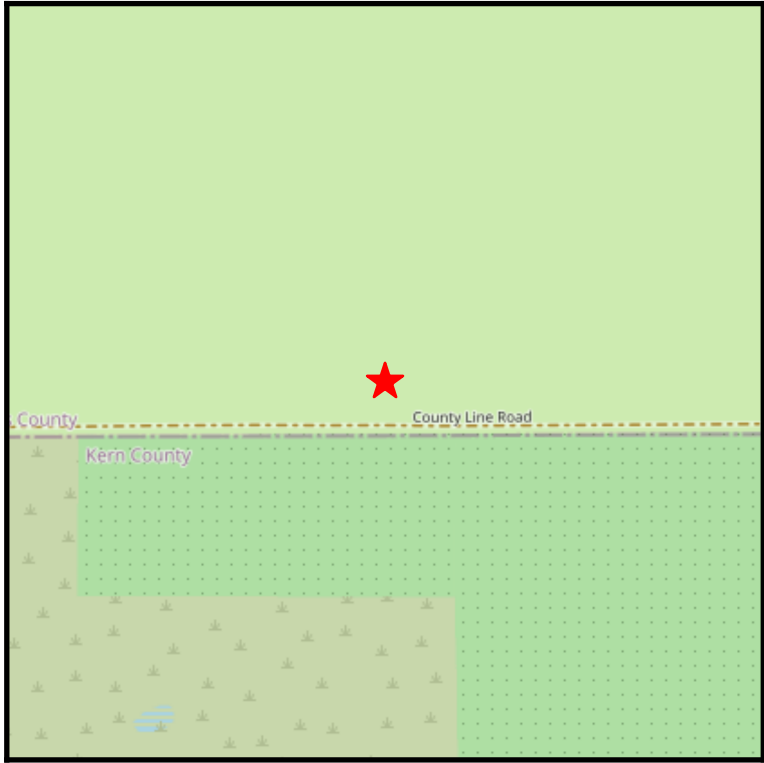
Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -150.0

Hydrograph for FB 35-2, C-zone Aquifer



357906N1195913W001 - ZE 33-4 - Tri-County Water Authority GSA - Tulare Lake

Tri-County Water Authority GSA - Tulare Lake RMS Location



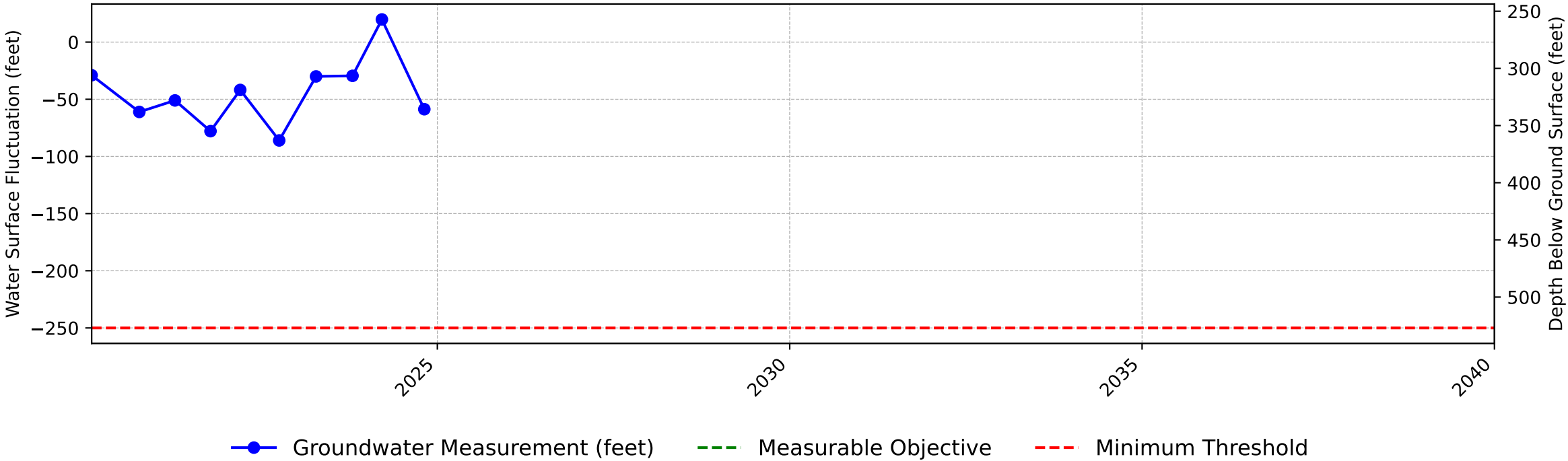
Well Construction Details

Site Code	: 357906N1195913W001
Local Well Name	: ZE 33-4
Monitoring Network Type	: SGMA Representative
Latitude	: 35.79062
Longitude	: -119.59132
Reference Point (feet Elevation)	: 277.0
Ground Surface (feet Elevation)	: 277.0
Well Depth (feet bgs)	: 980
Top Perforation (feet bgs)	: 450.0
Bottom Perforation (feet bgs)	: 960.0
Tulare Lake Subbasin Aquifer Zone	: C

Sustainable Management Thresholds

Measurable Objective elevation (feet)	: Not Applicable
Minimum Threshold elevation (feet)	: -250.0

Hydrograph for ZE 33-4, C-zone Aquifer



Appendix B
Historic and Current
Land Use

Appendix B - Land Use

Tulare Lake Subbasin
WY 2024 Annual Report

Geosyntec Consultants

Historical & Current Land Use Tulare Lake Subbasin Hydrologic Model Kings, County, California

Land Use	Year									
	2015 ¹ (ac)	2016 ¹ (ac)	2017 ² (ac)	2018 ² (ac)	2019 ² (ac)	WY 2020 ³ (ac)	WY 2021 ³ (ac)	WY 2022 ³ (ac)	WY 2023 ⁴ (ac)	WY 2024 ³ (ac)
Alfalfa	-	-	26,632	20,258	27,112	19,773	15,942	14,914	7,352	14,828
Almonds (Adolescent)	6,222	5,365	-	-	-	-	-	-	-	-
Almonds (Mature)	15,046	15,105	-	-	-	-	-	-	-	-
Almonds (Young)	16,983	21,576	-	-	-	-	-	-	-	-
Almonds	-	-	32,439	24,804	23,759	24,755	20,991	14,097	31,207	21,833
Apples	-	-	0	11	67	-	-	-	-	-
Barley	-	-	30,188	12,492	12,379	6,956	6,498	6,498	6,498	6,498
Barren	-	-	1,833	1,437	7,741	6,032	6,032	6,032	2,310	6,032
Beans (Dry)	-	-	-	-	-	194	-	-	-	-
Berries	0	0	-	-	-	-	-	-	-	-
Blueberries	-	-	0	148	0	-	-	-	-	-
Broccoli	-	-	0	93	4	3	3	3	3	24
Bush Berries	-	-	-	-	-	17	-	-	-	31
Cantaloupes	-	-	91	113	145	123	123	123	123	123
Carrots	2	16	935	174	166	151	636	306	60	151
Cherries	-	-	416	2,010	2,208	1,845	209	209	8,055	8,264
Chick Peas	-	-	0	0	70	1	1	1	1	1
Citrus	22	9	0	17	39	92	2	2	2,315	2,317
Clover/Wildflowers	-	-	0	2	0	0	0	0	0	0
Cole Crops	-	-	-	-	-	27	-	-	-	-
Corn and Grain Sorghum	18,826	17,400	-	-	-	-	-	-	-	-
Corn, Sorghum and Sudan	-	-	-	-	-	6,462	66	703	4,949	5,652
Corn	-	-	3,170	14,516	11,385	4,188	3,549	3,549	8,729	3,801
Cotton	44,532	73,720	86,210	80,879	93,212	85,822	36,821	45,343	18,924	58,826
Dairy Single Crop	0	0	-	-	-	-	-	-	-	-
Dbl Crop Barley/Corn	-	-	1,405	119	448	39	39	39	39	39
Dbl Crop Oats/Corn	-	-	20	79	281	32	32	32	32	32
Dbl Crop Triticale/Corn	-	-	0	0	4,223	1,013	1,013	1,013	1,013	1,013
Dbl Crop WinWht/Corn	-	-	20,886	19,304	12,607	2,485	2,485	2,485	1	2,485
Dbl Crop WinWht/Cotton	-	-	491	-	19	-	-	-	-	-
Dbl Crop WinWht/Sorghum	-	-	7,383	3,251	3,694	1,948	1,948	1,948	1,948	1,948
Developed/High Intensity	-	-	2,791	2,800	2,613	917	917	917	917	917
Developed/Low Intensity	-	-	7,763	7,441	9,038	2,660	2,660	2,660	2,660	2,660
Developed/Medium Intensity	-	-	13,089	13,192	11,636	3,432	3,432	3,432	3,432	3,432
Developed/Open Space	-	-	8,878	8,788	10,611	2,038	2,038	2,038	0	2,038
Dry Beans	-	-	212	293	1	-	-	-	-	-
Durum Wheat	-	-	0	104	2,858	2,207	1,331	1,331	1,331	1,331
Evergreen Forest	-	-	10	0	3	-	-	-	-	-
Fallow/Idle Cropland	237,790	200,972	92,681	157,577	131,280	97,651	146,144	134,536	110,850	52,660
Flowers, Nursery and Christmas Tree	-	-	-	-	-	8	-	-	-	-
Forest	4	0	-	-	-	-	-	-	-	-
Garlic	-	-	84	697	636	334	334	334	334	334
Grain and Grain Hay	21,196	19,069	-	-	-	-	-	-	-	-
Grapes	-	-	6,568	5,427	6,215	4,623	5,606	3,723	3,981	7,704
Grass/Pasture	-	-	17,944	16,858	18,733	9,113	9,113	9,113	0	9,113
Greens	-	-	0	6	0	-	-	-	-	-
Hemp	-	-	26	15	73	-	-	-	-	-
Herbaceous Wetlands	-	-	99	336	4,722	4,037	4,037	4,037	4,037	4,037
Herbs	-	-	0	5	36	-	-	-	-	-
Honeydew Melons	-	-	443	40	41	23	23	23	2	-
Kiwis	-	-	-	-	-	315	-	-	-	244
Lettuce	-	-	274	219	325	61	61	61	2,151	2,212
Melons	18	86	-	-	-	-	-	-	-	-
Miscellaneous Deciduous	-	-	-	-	-	54	2	2	5	41
Miscellaneous Field Crops	0	0	-	-	-	23	-	-	186	220
Miscellaneous Grain and Hay	-	-	-	-	-	29,656	9,517	5,770	4,610	-
Miscellaneous Grasses	-	-	-	-	-	321	540	31	636	698
Miscellaneous Truck Crops	-	-	-	-	-	129	-	-	-	35
Miscellaneous Veggies & Fruits	-	-	0	9	101	91	91	115	355	91
Mixed Pasture	-	-	-	-	-	2,111	726	588	987	10,170
Nectarines	-	-	55	479	308	-	4	4	4	4

Appendix B - Land Use

Geosyntec Consultants

Tulare Lake Subbasin
WY 2024 Annual Report

Historical & Current Land Use Tulare Lake Subbasin Hydrologic Model										
Land Use	Year									
	2015 ¹ (ac)	2016 ¹ (ac)	2017 ² (ac)	2018 ² (ac)	2019 ² (ac)	WY 2020 ³ (ac)	WY 2021 ³ (ac)	WY 2022 ³ (ac)	WY 2023 ⁴ (ac)	WY 2024 ³ (ac)
Oats	-	-	1,515	466	3,372	2,315	2,315	2,315	2,315	2,315
Olives	-	-	0	81	124	815	1,560	816	4,304	1,804
Onions	-	-	-	-	-	2,464	2,464	2,464	2,464	2,464
Onions and Garlic	149	644	2,634	4,089	2,735	380	1,202	240	315	3,202
Open Water	5,919	5,435	11,321	11,333	7,458	5,639	-	5,639	917	-
Oranges	-	-	2	246	717	125	125	125	6,032	125
Other Crops	-	-	-	-	-	7	223	223	205	223
Other Hay/Non Alfalfa	-	-	7,749	1,821	1,738	1,389	1,254	1,254	9,113	1,254
Other Tree Crops	-	-	158	6,361	2,418	108	108	108	13	108
Pasture and Misc. Grasses	15,744	13,743	-	-	-	-	9,113	-	-	-
Peaches/Nectarines	-	-	-	-	-	1,398	30	30	63	969
Peaches	-	-	108	1,057	564	-	2	2	2	2
Peas	-	-	0	280	144	143	143	143	143	143
Pecans	-	-	0	29	25	-	-	-	20	41
Peppers	-	-	152	9	8	72	1	1	1	1
Pistachio (Adolescent)	3,575	3,836	-	-	-	-	-	-	-	-
Pistachio (Mature)	485	469	-	-	-	-	-	-	-	-
Pistachio (Young)	22,678	22,570	-	-	-	-	-	-	-	-
Pistachios	-	-	49,902	22,977	24,514	28,961	39,440	41,050	36,399	34,036
Plums, Prunes and Apricots	-	-	-	-	-	1,503	308	39	-	28
Plums	-	-	240	292	1,582	-	25	25	334	1,190
Pomegranates (Adolescent)	16	27	-	-	-	-	-	-	-	-
Pomegranates (Young)	1,312	3,111	-	-	-	-	-	-	-	-
Pomegranates	-	-	3,838	3,472	3,769	3,110	5,170	3,216	3,688	3,222
Potatoes, Sugar beets, Turnip etc..	2	2	-	-	-	-	-	-	-	-
Potatoes	-	-	0	4	14	9	9	9	9	9
Radishes	-	-	0	6	0	-	-	-	-	-
Rice	-	-	2	3	26	6	6	6	6	6
Riparian	248	194	-	-	-	-	-	-	-	-
Rye	-	-	2	361	1,264	197	197	197	197	197
Safflower	-	-	20,522	17,633	18,006	6,069	23,014	26,622	105	16,380
Shrubland	-	-	244	447	492	205	205	205	205	205
Small Vegetables	78	198	-	-	-	-	-	-	-	-
Sod/Grass Seed	-	-	118	16	33	9	130	0	554	0
Sorghum	-	-	3,175	6,698	1,324	691	1,216	1,401	2,310	1,120
Spring Wheat	-	-	954	0	196	60	60	60	60	60
Squash	-	-	0	0	12	11	11	11	11	11
Stone Fruit (Adolescent)	191	170	-	-	-	-	-	-	-	-
Stone Fruit (Mature)	27	39	-	-	-	-	-	-	-	-
Stone Fruit (Young)	1,183	713	-	-	-	-	-	-	-	-
Strawberries	-	-	0	2	1	3	0	0	11	3
Sugarcane	-	-	0	0	0	-	-	-	-	-
Sunflowers	-	-	0	2	1	-	-	-	-	-
Tomatoes and Peppers	19,211	23,420	13,795	16,127	18,961	-	-	-	-	-
Tomatoes	-	-	-	-	-	17,824	17,221	19,350	3,704	19,656
Triticale	-	-	3,273	4,550	2,100	765	1,787	1,787	1,787	1,787
Urban, Industrial	30,530	30,930	-	-	-	-	-	-	-	-
Walnuts	-	-	19,549	14,826	18,698	15,255	5,585	1,401	1,096	12,021
Watermelons	-	-	30	27	1	1	1	1	1,013	1.1
Wheat	-	-	-	-	-	17,158	8,398	4,662	5,177	1
Wine Grapes with 80% canopy	4,672	10,985	-	-	-	-	-	-	-	-
Winter Wheat	19,420	21,690	32,896	27,902	26,022	9,450	9,450	9,450	9,450	7,990
Woody Wetlands	-	-	34	119	94	13	13	13	39	13.10
Young Perennials	-	-	-	-	-	4,950	360	141	1,321	2,428
Total	486,081	491,494	535,223	535,233	535,223	442,866	414,111	389,012	323,419	

Notes:
ac = Acres
Crop and Land use data compiled from multiple sources. See below notes for source information.

References:
1. Department of Water Resources (DWR).
2. CropScape.
3. LandIQ & Provided by El Rico.
4. LandIQ & Provided by El Rico. Missing Mid-Kings River GSA data.

Appendix B - Land Use

Geosyntec Consultants

Tulare Lake Subbasin
WY 2024 Annual Report

Historical & Current Cropping Tulare Lake Subbasin Hydrologic Model Kings, County, California										
Crop Use	Year									
	2015 ¹ (ac)	2016 ¹ (ac)	2017 ² (ac)	2018 ² (ac)	2019 ² (ac)	WY 2020 ³ (ac)	WY 2021 ³ (ac)	WY 2022 ³ (ac)	WY 2023 ⁴ (ac)	WY 2024 ³ (ac)
Alfalfa Hay and Clover	29,665	24,245	-	-	-	-	-	-	-	-
Alfalfa	-	-	26,632	20,258	27,112	19,773	15,942	14,914	7,352	14,828
Almonds (Adolescent)	6,222	5,365	-	-	-	-	-	-	-	-
Almonds (Mature)	15,046	15,105	-	-	-	-	-	-	-	-
Almonds (Young)	16,983	21,576	-	-	-	-	-	-	-	-
Almonds	-	-	32439	24804	23759	24,755	20,991	14,097	31,207	21,833
Apples	-	-	0	11	67	-	-	-	-	-
Barley	-	-	30,188	12,492	12,379	6,956	6,498	6,498	6,498	6,498
Berries	0	0	-	-	-	-	-	-	-	-
Blueberries	-	-	0	148	0	-	-	-	-	-
Broccoli	-	-	0	93	4	3	3	3	3	3
Bush Berries	-	-	-	-	-	17	-	-	-	31
Cantaloupes	-	-	91	113	145	123	123	123	123	123
Carrots	2	16	935	174	166	151	636	306	60	151
Cherries	-	-	416	2,010	2,208	1,845	209	209	8,056	8,265
Chick Peas	-	-	0	0	70	1	1	1	1	1
Citrus	22	9	0	17	39	92	2	2	2,315	2,317
Clover/Wildflowers	-	-	-	-	-	0	0	0	-	-
Cole Crops	-	-	-	-	-	27	-	-	-	-
Corn and Grain Sorghum	18,826	17,400	-	-	-	-	-	-	-	-
Corn, Sorghum and Sudan	-	-	-	-	-	6,462	66	703	4,949	34,614
Corn	-	-	3,170	14,516	11,385	4,188	3,549	3,549	8,729	3,801
Cotton	44,532	73,720	86,210	80,879	93,212	85,822	36,821	45,343	18,924	58,826
Dbl Crop Barley/Corn	-	-	1,405	119	448	39	39	39	39	39
Dbl Crop Oats/Corn	-	-	20	79	281	32	32	32	32	32
Dbl Crop Triticale/Corn	-	-	0	0	4,223	1,013	1,013	1,013	1,013	1,013
Dbl Crop WinWht/Corn	-	-	20,886	19,304	12,607	2,485	2,485	2,485	2,485	2,485
Dbl Crop WinWht/Cotton	-	-	491	-	19	-	-	-	-	-
Dbl Crop WinWht/Sorghum	-	-	7,383	3,251	3,694	1,948	1,948	1,948	1,948	1,948
Dry Beans	-	-	212	293	1	-	-	-	-	-
Durum Wheat	-	-	0	104	2,858	2,207	1,331	1,331	1,331	1,331
Flowers, Nursery and Christmas Tree	-	-	-	-	-	8	-	-	-	-
Garlic	-	-	84	697	636	334	334	334	334	334
Grain and Grain Hay	21,196	19,069	-	-	-	-	-	-	-	-
Grapes	-	-	6,568	5,427	6,215	4,623	5,606	3,723	3,981	3,732
Grass/Pasture	-	-	17,944	16,858	18,733	9,113	9,113	9,113	9,113	9,113
Greens	-	-	0	6	0	-	-	-	-	-
Hemp	-	-	26	15	73	-	-	-	-	-
Herbs	-	-	0	5	36	-	-	-	-	-
Honeydew Melons	-	-	443	40	41	23	23	23	23	23
Kiwis	-	-	-	-	-	315	-	-	-	244
Lettuce	-	-	274	219	325	61	61	61	2,151	2,212
Melons	18	86	-	-	-	-	-	-	-	-
Miscellaneous Deciduous	-	-	-	-	-	54	2	2	5	41
Miscellaneous field crops	-	-	-	-	-	23	-	-	-	220
Miscellaneous Grain and Hay	-	-	-	-	-	29,656	9,517	5,770	4,610	8,514
Miscellaneous Grasses	-	-	-	-	-	321	540	24	636	698
Miscellaneous Truck Crops	-	-	-	-	-	129	-	-	-	35
Miscellaneous Veggies & Fruits	-	-	0	9	101	91	91	-	-	-
Nectarines	-	-	55	479	308	-	4	4	4	4
Oats	-	-	1,515	466	3,372	2,315	2,315	2,315	2,315	2,315
Olives	-	-	0	81	124	815	1,560	816	4,304	1,804
Onions and Garlic	149	644	-	-	-	380	2,464	240	315	3,202
Onions	-	-	2,634	4,089	2,735	2,464	240	2,464	3,432	2,464
Oranges	-	-	2	246	717	125	125	125	6,032	125
Other Crops	-	-	-	-	-	7	223	223	205	223
Other Hay/Non Alfalfa	-	-	7,749	1,821	1,738	1,389	1,254	1,254	9,113	1,254
Other Tree Crops	-	-	158	6,361	2,418	108	108	108	13	108
Pasture and Misc. Grasses	15,744	13,743	-	-	-	-	9,113	-	-	-
Peaches	-	-	108	1,057	564	-	2	2	2	2

Appendix B - Land Use

Geosyntec Consultants

Tulare Lake Subbasin
WY 2024 Annual Report

Historical & Current Cropping Tulare Lake Subbasin Hydrologic Model										
Crop Use	Year									
	2015 ¹ (ac)	2016 ¹ (ac)	2017 ² (ac)	2018 ² (ac)	2019 ² (ac)	WY 2020 ³ (ac)	WY 2021 ³ (ac)	WY 2022 ³ (ac)	WY 2023 ⁴ (ac)	WY 2024 ³ (ac)
Peaches/Nectarines	-	-	-	-	-	1,398	30	30	63	969
Peas	-	-	0	280	144	143	143	143	143	143
Pecans	-	-	0	29	25	-	-	-	-	-
Peppers	-	-	152	9	8	72	1	1	1	1
Pistachio (Adolescent)	3,575	3,836	-	-	-	-	-	-	-	-
Pistachio (Mature)	485	469	-	-	-	-	-	-	-	-
Pistachio (Young)	22,678	22,570	-	-	-	-	-	-	-	-
Pistachios	16	27	49,902	22,977	24,514	28,961	39,440	41,050	36,399	34,036
Plums	1,312	3,111	240	292	1,582	-	25	25	334	1,190
Plums, Prunes and Apricots	-	-	-	-	-	1,503	308	39	-	39
Pomegranates (Adolescent)	-	-	-	-	-	-	-	-	-	-
Pomegranates (Young)	-	-	-	-	-	-	-	-	-	-
Pomegranates	-	-	3,838	3,472	3,769	3,111	5,170	3,216	3,688	3,222
Potatoes, Sugar beets, Turnip etc..	2	2	-	-	-	-	-	-	-	-
Potatoes	-	-	0	4	14	9	9	9	9	9
Radishes	-	-	0	6	0	-	-	-	-	-
Rice	-	-	2	3	26	6	6	6	6	6
Rye	-	-	2	361	1,264	197	197	197	197	197
Safflower	-	-	20,522	17,633	18,006	6,069	23,014	26,622	4,708	16,380
Small Vegetables	78	198	-	-	-	-	-	-	-	-
Sod/Grass Seed	-	-	118	16	33	9	130	0	554	0
Sorghum	-	-	3,175	6,698	1,324	691	1,216	1,401	2,310	1,120
Spring Wheat	-	-	954	0	196	60	60	60	60	60
Squash	-	-	0	0	12	11	11	11	11	11
Stone Fruit (Adolescent)	191	170	-	-	-	-	-	-	-	-
Stone Fruit (Mature)	27	39	-	-	-	-	-	-	-	-
Stone Fruit (Young)	1,183	713	-	-	-	-	-	-	-	-
Strawberries	-	-	0	2	1	3	0.2	0	11	3
Sugarcane	-	-	0	0	0	-	-	-	-	-
Sunflowers	-	-	0	2	1	-	-	-	-	-
Tomatoes and Peppers	19,211	23,420	-	-	-	-	-	-	-	-
Tomatoes	-	-	13,795	16,127	18,961	17,824	17,221	19,350	3,704	19,656
Triticale	-	-	3,273	4,550	2,100	765	1,787	1,787	32	1,787
Walnuts	-	-	19,549	14,826	18,698	15,255	5,585	1,401	1,096	12,021
Watermelons	-	-	30	27	1	1	1	1	1,013	1.1
Wheat	-	-	-	-	-	17,158	8,398	4,662	5,177	2,284
Wine Grapes with 80% canopy	4,672	10,985	-	-	-	-	-	-	-	-
Winter Wheat	19,420	21,690	32,896	27,902	26,022	9,450	9,450	9,450	1,948	7,990
Young Perennials	-	-	-	-	-	4,950	360	141	1,321	2,428
Total	241,255	278,208	396,481	331,751	349,508	318,132	246,946	228,797	204,436	
Notes: ac = Acres Crop and Land use data compiled from multiple sources. See below notes for source information.				References: 1. Department of Water Resources (DWR). 2. CropScape. 3. LandIQ & Provided by El Rico. 4. LandIQ & Provided by El Rico. Missing Mid-Kings River GSA data.						

Appendix C

Reference ET Values for Selected Crops

Appendix C

Reference Evapotranspiration Values for Selected Crops

Tulare Lake Subbasin

Water Year 2024 Annual Report

El Rico GSA Non-Standard Evapotranspiration Coefficients for Specific Crops

Crop Category	Non-Standard ETc ² (Acre-Feet/Acre)	Notes
Sorghum	1.5	--
Safflower	0.9	Not full crop, but used for soil health
Other Crops	1	Cover crop
Pistachios	2.5	Many in GSA are immature
Triticale	1.75	Same as wheat
Pomegranates	2	--

Notes

1. ETc = Crop Evapotranspiration.
2. Provided ETc values differ from values listed in GSP Appendix D, Table D2-6.

Appendix D

Groundwater Quality Data

Appendix D
Table D-1: Water Quality Data
WY 2024 Annual Report
Tulare Lake Subbasin, CA

GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-009	B	TOTAL DISSOLVED SOLIDS	200	7/19/2010	=	200	mg/L
South Fork Kings GSA	1610005-009	B	TOTAL DISSOLVED SOLIDS	200	4/15/2013	=	160	mg/L
South Fork Kings GSA	1610005-009	B	TOTAL DISSOLVED SOLIDS	200	4/18/2016	=	170	mg/L
South Fork Kings GSA	1610005-009	B	TOTAL DISSOLVED SOLIDS	200	5/14/2019	=	160	mg/L
South Fork Kings GSA	1610005-009	B	TOTAL DISSOLVED SOLIDS	200	1/21/2021	=	160	mg/L
South Fork Kings GSA	1610005-009	B	TOTAL DISSOLVED SOLIDS	200	2/17/2022	=	170	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	4/5/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	5/14/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	5/31/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	2/17/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	2/28/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/11/2010	=	23	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	7/19/2010	=	22	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/24/2010	=	25	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/9/2010	=	23	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/28/2011	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/5/2011	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/3/2011	=	25	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/28/2011	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/24/2012	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/1/2012	=	25	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/13/2012	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/13/2012	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/11/2013	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/15/2013	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/14/2013	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/13/2013	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/19/2013	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	1/9/2014	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/5/2014	=	25	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/13/2014	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/13/2014	=	25	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/10/2014	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/9/2015	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/14/2015	=	23	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/5/2015	=	25	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/4/2015	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/8/2016	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/18/2016	=	27	µg/L

Appendix D
Table D-1: Water Quality Data
WY 2024 Annual Report
Tulare Lake Subbasin, CA

GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/4/2016	=	24	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/9/2016	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/23/2016	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/8/2017	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/9/2017	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	6/7/2017	=	46	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	7/21/2017	=	34	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/2/2017	=	36	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	9/6/2017	=	34	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	10/5/2017	=	34	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/7/2017	=	32	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	12/5/2017	=	31	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	1/3/2018	=	32	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/6/2018	=	31	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	3/6/2018	=	30	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/3/2018	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/1/2018	=	30	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	6/5/2018	=	30	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	7/3/2018	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/8/2018	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	9/6/2018	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	10/3/2018	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/8/2018	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	12/4/2018	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	1/7/2019	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/5/2019	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	3/21/2019	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/10/2019	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/14/2019	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/16/2019	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	6/4/2019	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	7/2/2019	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/6/2019	=	29	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	9/10/2019	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	10/1/2019	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/5/2019	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	1/8/2020	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/6/2020	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	3/3/2020	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/1/2020	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/7/2020	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	6/15/2020	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	6/25/2020	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	7/8/2020	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	9/9/2020	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	10/13/2020	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/3/2020	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	1/27/2021	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	3/10/2021	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/8/2021	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/11/2021	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	6/2/2021	=	26	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-009	B	ARSENIC	46	7/13/2021	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	9/15/2021	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	10/18/2021	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/9/2021	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/30/2021	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/9/2022	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/17/2022	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	4/27/2022	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/24/2022	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/16/2022	=	29	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	1/18/2023	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/28/2023	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/24/2023	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/16/2023	=	26	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/13/2023	=	23	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	2/14/2024	=	21	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	5/9/2024	=	27	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	8/8/2024	=	28	µg/L
South Fork Kings GSA	1610005-009	B	ARSENIC	46	11/7/2024	=	26	µg/L
South Fork Kings GSA	1610005-009	B	URANIUM	14.83	11/23/2011	=	14.83	pCi/L
South Fork Kings GSA	1610005-009	B	SULFATE	11	7/19/2010	=	4.3	mg/L
South Fork Kings GSA	1610005-009	B	SULFATE	11	4/15/2013	=	7.3	mg/L
South Fork Kings GSA	1610005-009	B	SULFATE	11	4/18/2016	=	11	mg/L
South Fork Kings GSA	1610005-009	B	SULFATE	11	5/14/2019	=	8	mg/L
South Fork Kings GSA	1610005-009	B	SULFATE	11	1/21/2021	=	8.6	mg/L
South Fork Kings GSA	1610005-009	B	SULFATE	11	2/17/2022	=	9.6	mg/L
South Fork Kings GSA	1610005-009	B	CHLORIDE	18	7/19/2010	=	18	mg/L
South Fork Kings GSA	1610005-009	B	CHLORIDE	18	4/15/2013	=	3.3	mg/L
South Fork Kings GSA	1610005-009	B	CHLORIDE	18	4/18/2016	=	4	mg/L
South Fork Kings GSA	1610005-009	B	CHLORIDE	18	5/14/2019	=	3	mg/L
South Fork Kings GSA	1610005-009	B	CHLORIDE	18	1/21/2021	=	3.1	mg/L
South Fork Kings GSA	1610005-009	B	CHLORIDE	18	2/17/2022	=	3.4	mg/L
South Fork Kings GSA	1610005-009	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-009	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-009	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-009	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-009	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-003	B	TOTAL DISSOLVED SOLIDS	270	7/19/2010	=	270	mg/L
South Fork Kings GSA	1610005-003	B	TOTAL DISSOLVED SOLIDS	270	5/14/2013	=	220	mg/L
South Fork Kings GSA	1610005-003	B	TOTAL DISSOLVED SOLIDS	270	2/17/2022	=	200	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	5/14/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	12/28/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	11/29/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	NITRATE AS N	0.5	2/17/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	5/11/2010	=	17	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	7/19/2010	=	17	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	8/24/2010	=	21	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-003	B	ARSENIC	23	11/9/2010	=	19	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	2/28/2011	=	17	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	4/5/2011	=	17	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	8/3/2011	=	19	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	11/28/2011	=	20	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	2/24/2012	=	22	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	5/1/2012	=	20	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	8/13/2012	=	23	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	11/13/2012	=	22	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	2/11/2013	=	21	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	5/14/2013	=	23	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	5/14/2013	=	22	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	11/19/2013	=	22	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	8/25/2015	=	22	µg/L
South Fork Kings GSA	1610005-003	B	ARSENIC	23	2/17/2022	=	25	µg/L
South Fork Kings GSA	1610005-003	B	SULFATE	3.3	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-003	B	SULFATE	3.3	5/14/2013	=	3.3	mg/L
South Fork Kings GSA	1610005-003	B	SULFATE	3.3	2/17/2022	=	5.6	mg/L
South Fork Kings GSA	1610005-003	B	CHLORIDE	68	7/19/2010	=	68	mg/L
South Fork Kings GSA	1610005-003	B	CHLORIDE	68	5/14/2013	=	26	mg/L
South Fork Kings GSA	1610005-003	B	CHLORIDE	68	2/17/2022	=	11	mg/L
South Fork Kings GSA	1610005-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610006-002	B	TOTAL DISSOLVED SOLIDS	4500	4/10/2019	=	4500	mg/L
South Fork Kings GSA	1610006-002	B	ARSENIC	5	4/10/2019	=	5	µg/L
South Fork Kings GSA	1610006-002	B	URANIUM	10	4/10/2019	=	10	pCi/L
South Fork Kings GSA	1610006-002	B	SULFATE	800	4/10/2019	=	800	mg/L
South Fork Kings GSA	1610006-002	B	CHLORIDE	160	4/10/2019	=	160	mg/L
South Fork Kings GSA	1610006-002	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/10/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	TOTAL DISSOLVED SOLIDS	990	12/16/2011	=	750	mg/L
South Fork Kings GSA	1610006-001	B	TOTAL DISSOLVED SOLIDS	990	12/5/2014	=	640	mg/L
South Fork Kings GSA	1610006-001	B	TOTAL DISSOLVED SOLIDS	990	11/6/2017	=	860	mg/L
South Fork Kings GSA	1610006-001	B	TOTAL DISSOLVED SOLIDS	990	12/9/2020	=	990	mg/L
South Fork Kings GSA	1610006-001	B	TOTAL DISSOLVED SOLIDS	990	11/30/2023	=	2000	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/15/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	7/13/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/5/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	9/4/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/5/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/16/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/6/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	11/6/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/12/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	7/31/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	10/16/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	12/9/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	2/9/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	2/23/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	NITRATE AS N	0.5	11/30/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	3/10/2010	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	8/11/2010	=	10	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	12/15/2010	<	Not Detected	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610006-001	B	ARSENIC	10	6/24/2011	=	2.6	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	7/13/2011	=	2.9	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	11/11/2011	=	3.4	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	12/5/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	11/6/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	12/9/2020	=	2.5	µg/L
South Fork Kings GSA	1610006-001	B	ARSENIC	10	11/30/2023	=	8.7	µg/L
South Fork Kings GSA	1610006-001	B	SULFATE	450	12/16/2011	=	170	mg/L
South Fork Kings GSA	1610006-001	B	SULFATE	450	12/5/2014	=	15	mg/L
South Fork Kings GSA	1610006-001	B	SULFATE	450	11/6/2017	=	290	mg/L
South Fork Kings GSA	1610006-001	B	SULFATE	450	12/9/2020	=	450	mg/L
South Fork Kings GSA	1610006-001	B	SULFATE	450	11/30/2023	=	990	mg/L
South Fork Kings GSA	1610006-001	B	CHLORIDE	76	12/16/2011	=	51	mg/L
South Fork Kings GSA	1610006-001	B	CHLORIDE	76	12/5/2014	=	66	mg/L
South Fork Kings GSA	1610006-001	B	CHLORIDE	76	11/6/2017	=	75	mg/L
South Fork Kings GSA	1610006-001	B	CHLORIDE	76	12/9/2020	=	76	mg/L
South Fork Kings GSA	1610006-001	B	CHLORIDE	76	11/30/2023	=	150	mg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	11/9/2016	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/21/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/23/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	8/29/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	11/21/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/23/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	6/21/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/15/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610006-001	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	12/18/2023	<	Not Detected	µg/L
Southwest Kings GSA	1610009-003	B	TOTAL DISSOLVED SOLIDS	1000	10/5/2011	=	830	mg/L
Southwest Kings GSA	1610009-003	B	TOTAL DISSOLVED SOLIDS	1000	4/2/2014	=	910	mg/L
Southwest Kings GSA	1610009-003	B	TOTAL DISSOLVED SOLIDS	1000	4/5/2017	=	1000	mg/L
Southwest Kings GSA	1610009-003	B	TOTAL DISSOLVED SOLIDS	1000	1/6/2023	=	670	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	4/8/2010	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	7/1/2010	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	4/6/2011	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	10/5/2011	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	4/4/2012	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	4/3/2013	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	4/2/2014	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	5/6/2015	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	4/6/2016	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	1/4/2017	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	1/3/2018	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	NITRATE AS N	0.5	1/2/2019	<	Not Detected	mg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/7/2010	=	15.1	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/8/2010	=	15.1	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/1/2010	=	16.6	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/5/2011	=	13.9	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/6/2011	=	6.8	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/6/2011	=	17.2	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/5/2011	=	18.4	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/5/2012	=	17.6	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/4/2012	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/3/2012	=	15	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/3/2012	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/2/2013	=	17	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/3/2013	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/3/2013	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/2/2013	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/8/2014	=	14	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/2/2014	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/2/2014	=	14	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/1/2014	=	13	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/7/2015	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	5/6/2015	=	13	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/1/2015	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/7/2015	=	14	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/6/2016	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/6/2016	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/6/2016	=	17	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/5/2016	=	14	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/4/2017	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/5/2017	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/5/2017	=	14	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/4/2017	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/3/2018	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/4/2018	=	16	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/5/2018	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/3/2018	=	17	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/2/2019	=	19	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	4/24/2019	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	7/3/2019	=	14	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	10/2/2019	=	15	µg/L
Southwest Kings GSA	1610009-003	B	ARSENIC	19	1/6/2023	=	16	µg/L
Southwest Kings GSA	1610009-003	B	URANIUM	1	10/7/2015	<	Not Detected	pCi/L
Southwest Kings GSA	1610009-003	B	SULFATE	150	10/5/2011	=	105	mg/L
Southwest Kings GSA	1610009-003	B	SULFATE	150	4/2/2014	=	130	mg/L
Southwest Kings GSA	1610009-003	B	SULFATE	150	4/5/2017	=	150	mg/L
Southwest Kings GSA	1610009-003	B	SULFATE	150	1/6/2023	=	260	mg/L
Southwest Kings GSA	1610009-003	B	CHLORIDE	450	10/5/2011	=	302	mg/L
Southwest Kings GSA	1610009-003	B	CHLORIDE	450	4/2/2014	=	360	mg/L
Southwest Kings GSA	1610009-003	B	CHLORIDE	450	4/5/2017	=	450	mg/L
Southwest Kings GSA	1610009-003	B	CHLORIDE	450	1/6/2023	=	100	mg/L
Southwest Kings GSA	1610009-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/6/2016	<	Not Detected	µg/L
Southwest Kings GSA	1610009-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
Southwest Kings GSA	1610009-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/4/2018	<	Not Detected	µg/L
Southwest Kings GSA	1610009-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/5/2018	<	Not Detected	µg/L
Southwest Kings GSA	1610009-003	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/3/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	TOTAL DISSOLVED SOLIDS	430	7/19/2010	=	430	mg/L
South Fork Kings GSA	1610005-018	B	TOTAL DISSOLVED SOLIDS	430	9/20/2011	=	420	mg/L
South Fork Kings GSA	1610005-018	B	TOTAL DISSOLVED SOLIDS	430	7/23/2014	=	410	mg/L
South Fork Kings GSA	1610005-018	B	TOTAL DISSOLVED SOLIDS	430	2/6/2018	=	410	mg/L
South Fork Kings GSA	1610005-018	B	TOTAL DISSOLVED SOLIDS	430	1/21/2021	=	430	mg/L
South Fork Kings GSA	1610005-018	B	TOTAL DISSOLVED SOLIDS	430	2/14/2024	=	430	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L

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Table D-1: Water Quality Data
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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	9/20/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	11/20/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	7/23/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	7/25/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	12/28/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	2/6/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	1/30/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	10/12/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	11/13/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	7/19/2010	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	9/20/2011	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/24/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	3/26/2012	=	2.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/10/2012	=	2.5	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/16/2012	=	2.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/23/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/1/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/28/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/12/2013	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/14/2013	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/13/2013	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/19/2013	=	3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/5/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/13/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	7/23/2014	=	3.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/13/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/10/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/9/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/14/2015	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/5/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/4/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/8/2016	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/4/2016	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/9/2016	=	2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/23/2016	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	12/5/2017	=	3.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	1/3/2018	=	2.6	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/6/2018	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/6/2018	=	2.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	3/6/2018	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/3/2018	=	2.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/1/2018	=	2.5	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	6/5/2018	=	3.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	7/3/2018	=	2.3	µg/L

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Table D-1: Water Quality Data
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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/8/2018	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	9/6/2018	=	2.8	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	10/3/2018	=	3.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/7/2018	=	3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	12/4/2018	=	2.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/5/2019	=	2.8	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	3/21/2019	=	2.9	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/10/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/16/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	6/4/2019	=	2.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	7/2/2019	=	2.5	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/6/2019	=	2.8	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	9/10/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	10/1/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/5/2019	=	2.7	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	1/8/2020	=	2.5	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/6/2020	=	2.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	3/3/2020	=	2.6	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/1/2020	=	2.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/7/2020	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	6/15/2020	=	2.9	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	6/25/2020	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	7/8/2020	=	2.6	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	9/9/2020	=	2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	10/13/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/3/2020	=	2.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	1/27/2021	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/10/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	3/10/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/8/2021	=	2.6	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/11/2021	=	2.5	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	6/2/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	7/13/2021	=	2.8	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	9/15/2021	=	2.7	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/9/2021	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/30/2021	=	2.4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/9/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/17/2022	=	4	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	4/27/2022	=	3.1	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/24/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	10/12/2022	=	2.7	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/16/2022	=	2.2	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	1/18/2023	=	2.8	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/28/2023	=	2.6	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	5/24/2023	=	2.7	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/16/2023	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/13/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	2/14/2024	=	2.7	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	8/8/2024	=	3	µg/L
South Fork Kings GSA	1610005-018	B	ARSENIC	3.4	11/7/2024	=	2.3	µg/L
South Fork Kings GSA	1610005-018	B	SULFATE	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	SULFATE	0.5	9/20/2011	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-018	B	SULFATE	0.5	7/23/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	SULFATE	0.5	2/6/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	SULFATE	0.5	1/21/2021	=	0.62	mg/L
South Fork Kings GSA	1610005-018	B	SULFATE	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	7/19/2010	=	91	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	9/20/2011	=	89	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	7/23/2014	=	89	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	2/6/2018	=	91	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	1/21/2021	=	87	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	9/14/2023	=	91	mg/L
South Fork Kings GSA	1610005-018	B	CHLORIDE	91	2/14/2024	=	88	mg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/28/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/6/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-018	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-044	B	TOTAL DISSOLVED SOLIDS	460	10/27/2016	=	460	mg/L
Mid-Kings River GSA	1610003-044	B	TOTAL DISSOLVED SOLIDS	460	4/18/2017	=	450	mg/L
Mid-Kings River GSA	1610003-044	B	TOTAL DISSOLVED SOLIDS	460	11/13/2019	=	440	mg/L
Mid-Kings River GSA	1610003-044	B	TOTAL DISSOLVED SOLIDS	460	11/29/2022	=	400	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	10/27/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	4/18/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	5/2/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	11/13/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	11/19/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	11/18/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	4/6/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	6/14/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	NITRATE AS N	0.4	6/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	10/27/2016	=	9.3	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	4/18/2017	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	11/13/2019	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	7/17/2020	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	8/4/2020	=	12	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	9/3/2020	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	10/8/2020	=	12	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	11/5/2020	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	4/5/2021	=	9.7	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	5/5/2021	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	6/3/2021	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	7/7/2021	=	12	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	8/3/2021	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	9/2/2021	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	10/5/2021	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	11/2/2021	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	12/2/2021	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	1/4/2022	=	11	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	4/12/2022	=	12	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	5/3/2022	=	9	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	6/3/2022	=	9.4	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	7/6/2022	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	8/4/2022	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	9/1/2022	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	10/6/2022	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	11/2/2022	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	12/7/2022	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	1/6/2023	=	8.7	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	2/9/2023	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	3/8/2023	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	4/6/2023	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	5/3/2023	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	6/8/2023	=	12	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	7/7/2023	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	8/2/2023	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	9/7/2023	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	10/4/2023	=	13	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	11/8/2023	=	9.9	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	12/6/2023	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	1/10/2024	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	2/7/2024	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	3/20/2024	=	9.8	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	4/3/2024	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	5/1/2024	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	6/5/2024	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	7/3/2024	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	8/6/2024	=	8.9	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	9/10/2024	=	11	µg/L
Mid-Kings River GSA	1610003-044	B	ARSENIC	12	10/8/2024	=	10	µg/L
Mid-Kings River GSA	1610003-044	B	SULFATE	0.5	10/27/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	SULFATE	0.5	4/18/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	SULFATE	0.5	11/13/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	SULFATE	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-044	B	CHLORIDE	210	10/27/2016	=	210	mg/L
Mid-Kings River GSA	1610003-044	B	CHLORIDE	210	4/18/2017	=	210	mg/L
Mid-Kings River GSA	1610003-044	B	CHLORIDE	210	11/13/2019	=	200	mg/L
Mid-Kings River GSA	1610003-044	B	CHLORIDE	210	11/29/2022	=	180	mg/L
Mid-Kings River GSA	1610003-044	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/26/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-044	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-044	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-044	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/12/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-044	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/12/2022	<	Not Detected	µg/L
El Rico GSA	1610004-019	B	TOTAL DISSOLVED SOLIDS	180	12/22/2014	=	160	mg/L
El Rico GSA	1610004-019	B	TOTAL DISSOLVED SOLIDS	180	12/20/2017	=	170	mg/L
El Rico GSA	1610004-019	B	TOTAL DISSOLVED SOLIDS	180	11/2/2020	=	180	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	12/22/2014	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	12/14/2016	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	12/20/2017	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	2/27/2018	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	1/8/2019	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	5/19/2020	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	NITRATE AS N	0.5	2/19/2021	<	Not Detected	mg/L
El Rico GSA	1610004-019	B	ARSENIC	33	12/22/2014	=	33	µg/L
El Rico GSA	1610004-019	B	ARSENIC	33	12/14/2015	=	28	µg/L
El Rico GSA	1610004-019	B	ARSENIC	33	5/12/2017	=	28	µg/L
El Rico GSA	1610004-019	B	ARSENIC	33	12/20/2017	=	30	µg/L
El Rico GSA	1610004-019	B	ARSENIC	33	1/8/2019	=	31	µg/L
El Rico GSA	1610004-019	B	ARSENIC	33	11/2/2020	=	31	µg/L
El Rico GSA	1610004-019	B	ARSENIC	33	2/19/2021	=	31	µg/L
El Rico GSA	1610004-019	B	URANIUM	9.2	12/22/2014	=	9.2	pCi/L
El Rico GSA	1610004-019	B	URANIUM	9.2	12/26/2019	=	5.61	pCi/L
El Rico GSA	1610004-019	B	URANIUM	9.2	5/19/2020	=	8.9	pCi/L
El Rico GSA	1610004-019	B	URANIUM	9.2	8/25/2020	=	6.4	pCi/L
El Rico GSA	1610004-019	B	URANIUM	9.2	11/2/2020	=	8.8	pCi/L
El Rico GSA	1610004-019	B	URANIUM	9.2	2/19/2021	=	8.7	pCi/L
El Rico GSA	1610004-019	B	URANIUM	9.2	4/28/2021	=	8.6	pCi/L
El Rico GSA	1610004-019	B	SULFATE	9.2	12/22/2014	=	8.1	mg/L
El Rico GSA	1610004-019	B	SULFATE	9.2	12/20/2017	=	9.2	mg/L
El Rico GSA	1610004-019	B	SULFATE	9.2	11/2/2020	=	4.4	mg/L
El Rico GSA	1610004-019	B	CHLORIDE	12	12/22/2014	=	10	mg/L
El Rico GSA	1610004-019	B	CHLORIDE	12	12/14/2016	=	11	mg/L
El Rico GSA	1610004-019	B	CHLORIDE	12	12/26/2019	=	12	mg/L
El Rico GSA	1610004-019	B	CHLORIDE	12	11/2/2020	=	10	mg/L
El Rico GSA	1610004-019	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/27/2018	<	Not Detected	µg/L
El Rico GSA	1610004-019	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/30/2018	<	Not Detected	µg/L
El Rico GSA	1610004-019	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/20/2018	<	Not Detected	µg/L
El Rico GSA	1610004-019	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	11/30/2018	<	Not Detected	µg/L
El Rico GSA	1610004-019	B	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/8/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-010	C	TOTAL DISSOLVED SOLIDS	340	7/19/2010	=	330	mg/L
South Fork Kings GSA	1610005-010	C	TOTAL DISSOLVED SOLIDS	340	4/15/2013	=	320	mg/L
South Fork Kings GSA	1610005-010	C	TOTAL DISSOLVED SOLIDS	340	4/18/2016	=	330	mg/L
South Fork Kings GSA	1610005-010	C	TOTAL DISSOLVED SOLIDS	340	12/20/2019	=	340	mg/L
South Fork Kings GSA	1610005-010	C	TOTAL DISSOLVED SOLIDS	340	1/21/2021	=	320	mg/L
South Fork Kings GSA	1610005-010	C	TOTAL DISSOLVED SOLIDS	340	2/17/2022	=	310	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	6/8/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	7/25/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	4/5/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	8/2/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	5/2/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	5/31/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	12/20/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	2/17/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	8/16/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	7/19/2010	=	5.3	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/24/2012	=	7.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/13/2012	=	7.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/13/2012	=	5.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/26/2013	=	7.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/15/2013	=	14	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/14/2013	=	6.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/13/2013	=	7.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/19/2013	=	22	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/5/2014	=	5.2	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/14/2014	=	6.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/13/2014	=	5.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/10/2014	=	20	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/5/2015	=	16	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/4/2015	=	5.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/17/2016	=	8.8	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/18/2016	=	5.3	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/4/2016	=	6.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/9/2016	=	13	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/23/2016	=	22	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/8/2017	=	12	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/9/2017	=	7.3	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	6/7/2017	=	29	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	7/21/2017	=	5.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/2/2017	=	6.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	9/6/2017	=	7.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	10/5/2017	=	6.9	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/7/2017	=	14	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	1/3/2018	=	16	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	3/6/2018	=	8.9	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/3/2018	=	8.2	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/1/2018	=	8.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/2/2018	=	11	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	6/5/2018	=	8.5	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	7/3/2018	=	7.8	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/8/2018	=	7.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	9/6/2018	=	8.3	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	10/3/2018	=	8.9	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/7/2018	=	8.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	12/4/2018	=	8.2	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	1/7/2019	=	9.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/5/2019	=	8.5	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	3/21/2019	=	9.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/10/2019	=	9	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/16/2019	=	20	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	6/4/2019	=	8	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	7/2/2019	=	7.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/6/2019	=	8.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	9/10/2019	=	8.2	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-010	C	ARSENIC	29	10/1/2019	=	8.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/5/2019	=	7.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	12/20/2019	=	9.2	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	1/8/2020	=	17	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/6/2020	=	8	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	3/3/2020	=	8.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/1/2020	=	20	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/7/2020	=	7.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	6/15/2020	=	7.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	6/25/2020	=	7.5	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	7/8/2020	=	7.9	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	9/9/2020	=	7.2	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	10/13/2020	=	7.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/3/2020	=	23	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	1/27/2021	=	8.7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/10/2021	=	17	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	3/10/2021	=	7.5	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	3/31/2021	=	29	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/8/2021	=	21	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	5/11/2021	=	7	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	6/2/2021	=	7.2	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	7/13/2021	=	7.6	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	9/15/2021	=	8.1	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	10/18/2021	=	7.8	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/9/2021	=	7.5	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/30/2021	=	8.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/9/2022	=	25	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/17/2022	=	19	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	4/27/2022	=	7.9	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	8/16/2023	=	8.5	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	11/13/2023	=	8.4	µg/L
South Fork Kings GSA	1610005-010	C	ARSENIC	29	2/14/2024	=	27	µg/L
South Fork Kings GSA	1610005-010	C	SULFATE	1.4	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	SULFATE	1.4	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	SULFATE	1.4	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-010	C	SULFATE	1.4	12/20/2019	=	1.4	mg/L
South Fork Kings GSA	1610005-010	C	SULFATE	1.4	1/21/2021	=	1.5	mg/L
South Fork Kings GSA	1610005-010	C	SULFATE	1.4	2/17/2022	=	1.2	mg/L
South Fork Kings GSA	1610005-010	C	CHLORIDE	38	7/19/2010	=	38	mg/L
South Fork Kings GSA	1610005-010	C	CHLORIDE	38	4/15/2013	=	30	mg/L
South Fork Kings GSA	1610005-010	C	CHLORIDE	38	4/18/2016	=	35	mg/L
South Fork Kings GSA	1610005-010	C	CHLORIDE	38	12/20/2019	=	36	mg/L
South Fork Kings GSA	1610005-010	C	CHLORIDE	38	1/21/2021	=	33	mg/L
South Fork Kings GSA	1610005-010	C	CHLORIDE	38	2/17/2022	=	30	mg/L
South Fork Kings GSA	1610005-010	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-010	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-010	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-010	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-010	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	1/15/2010	=	443	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	10/18/2011	=	420	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	7/23/2014	=	400	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	7/31/2017	=	400	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	10/30/2018	=	390	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	6/25/2020	=	420	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	1/21/2021	=	420	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	11/13/2023	=	390	mg/L
South Fork Kings GSA	1610005-021	C	TOTAL DISSOLVED SOLIDS	443	4/25/2024	=	510	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	10/18/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	8/28/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	7/23/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	7/25/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	4/5/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	7/31/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	8/2/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	10/30/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	1/30/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	2/28/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	11/13/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	NITRATE AS N	0.5	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	1/15/2010	=	2.01	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	10/18/2011	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/28/2011	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/24/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/11/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/13/2012	=	4.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/13/2012	=	2.1	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/12/2013	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/14/2013	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/13/2013	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/19/2013	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/5/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/13/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/23/2014	=	3.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/13/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/10/2014	=	2.1	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/9/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/14/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/5/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/4/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/8/2016	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/4/2016	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/9/2016	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/23/2016	<	Not Detected	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/8/2017	=	3.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/9/2017	=	2.9	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/7/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/21/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/31/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/2/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	9/6/2017	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	10/5/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/7/2017	=	2.1	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	12/5/2017	=	2.3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	1/3/2018	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/6/2018	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	3/6/2018	=	2.1	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	4/3/2018	=	2.1	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/1/2018	=	3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/5/2018	=	2.8	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/3/2018	=	2.9	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/8/2018	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	9/6/2018	=	2.7	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	10/3/2018	=	2.7	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	12/4/2018	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	1/7/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/5/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	3/21/2019	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	4/10/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/16/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/4/2019	=	2.9	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/2/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/6/2019	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	9/10/2019	=	2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	10/1/2019	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/5/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	1/8/2020	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/6/2020	=	2.9	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	3/3/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	4/1/2020	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/7/2020	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/15/2020	=	2.7	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/25/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/25/2020	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/8/2020	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	9/10/2020	=	2.3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	10/13/2020	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/3/2020	=	2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	1/27/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/10/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	3/10/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	4/8/2021	=	2.8	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/11/2021	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	6/2/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	7/13/2021	=	2.6	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	9/15/2021	=	2.3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	10/18/2021	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/9/2021	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/30/2021	=	2.3	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/9/2022	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/17/2022	=	3.7	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	4/27/2022	=	2.8	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/24/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/16/2022	=	2.2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	1/18/2023	=	2.6	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/28/2023	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/24/2023	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/13/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	2/14/2024	=	2.5	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	5/9/2024	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	8/8/2024	=	2	µg/L
South Fork Kings GSA	1610005-021	C	ARSENIC	4.2	11/7/2024	=	2.4	µg/L
South Fork Kings GSA	1610005-021	C	URANIUM	6.6	10/27/2011	=	2.56	pCi/L
South Fork Kings GSA	1610005-021	C	URANIUM	6.6	2/22/2012	=	6.6	pCi/L
South Fork Kings GSA	1610005-021	C	URANIUM	6.6	5/16/2012	=	5.47	pCi/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	1/15/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	10/18/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	7/23/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	7/31/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	10/30/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	6/25/2020	=	0.8	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	1/21/2021	=	0.87	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	11/13/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	SULFATE	0.8	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	1/15/2010	=	93.1	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	10/18/2011	=	88	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	7/23/2014	=	87	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	7/31/2017	=	88	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	10/30/2018	=	87	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	6/25/2020	=	82	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	1/21/2021	=	89	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	11/13/2023	=	87	mg/L
South Fork Kings GSA	1610005-021	C	CHLORIDE	93.1	4/25/2024	=	88	mg/L
South Fork Kings GSA	1610005-021	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/28/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-021	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/12/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-007	C	TOTAL DISSOLVED SOLIDS	330	7/19/2010	=	330	mg/L
South Fork Kings GSA	1610005-007	C	TOTAL DISSOLVED SOLIDS	330	4/15/2013	=	320	mg/L
South Fork Kings GSA	1610005-007	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-007	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-007	C	NITRATE AS N	0.5	11/20/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-007	C	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-007	C	ARSENIC	11	7/19/2010	=	7.5	µg/L
South Fork Kings GSA	1610005-007	C	ARSENIC	11	4/15/2013	=	9.9	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-007	C	ARSENIC	11	8/13/2013	=	11	µg/L
South Fork Kings GSA	1610005-007	C	URANIUM	13.02	11/22/2011	=	13.02	pCi/L
South Fork Kings GSA	1610005-007	C	SULFATE	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-007	C	SULFATE	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-007	C	CHLORIDE	9.3	7/19/2010	=	9.3	mg/L
South Fork Kings GSA	1610005-007	C	CHLORIDE	9.3	4/15/2013	=	8.1	mg/L
Mid-Kings River GSA	1610003-042	C	TOTAL DISSOLVED SOLIDS	630	3/10/2010	=	590	mg/L
Mid-Kings River GSA	1610003-042	C	TOTAL DISSOLVED SOLIDS	630	8/8/2012	=	570	mg/L
Mid-Kings River GSA	1610003-042	C	TOTAL DISSOLVED SOLIDS	630	12/14/2015	=	630	mg/L
Mid-Kings River GSA	1610003-042	C	TOTAL DISSOLVED SOLIDS	630	12/18/2018	=	570	mg/L
Mid-Kings River GSA	1610003-042	C	TOTAL DISSOLVED SOLIDS	630	12/10/2021	=	580	mg/L
Mid-Kings River GSA	1610003-042	C	TOTAL DISSOLVED SOLIDS	630	12/5/2024	=	620	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	3/10/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	7/26/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	8/16/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	8/8/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	3/10/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	3/8/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	12/12/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	4/2/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	4/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	12/10/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	6/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	3/10/2010	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	9/7/2010	=	2.4	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	9/10/2010	=	2.6	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	11/23/2010	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	8/8/2012	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	12/14/2015	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	12/18/2018	=	3	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	12/10/2021	=	3.9	µg/L
Mid-Kings River GSA	1610003-042	C	ARSENIC	3	12/5/2024	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	SULFATE	0.5	3/10/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	SULFATE	0.5	8/8/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	SULFATE	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	SULFATE	0.5	12/10/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-042	C	CHLORIDE	240	3/10/2010	=	220	mg/L
Mid-Kings River GSA	1610003-042	C	CHLORIDE	240	8/8/2012	=	230	mg/L
Mid-Kings River GSA	1610003-042	C	CHLORIDE	240	12/14/2015	=	240	mg/L
Mid-Kings River GSA	1610003-042	C	CHLORIDE	240	12/18/2018	=	230	mg/L
Mid-Kings River GSA	1610003-042	C	CHLORIDE	240	12/10/2021	=	240	mg/L
Mid-Kings River GSA	1610003-042	C	CHLORIDE	240	12/5/2024	=	250	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/10/2010	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/13/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/26/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-042	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/16/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-028	C	TOTAL DISSOLVED SOLIDS	430	7/25/2012	=	420	mg/L
Mid-Kings River GSA	1610003-028	C	TOTAL DISSOLVED SOLIDS	430	12/15/2015	=	430	mg/L
Mid-Kings River GSA	1610003-028	C	TOTAL DISSOLVED SOLIDS	430	12/20/2018	=	360	mg/L
Mid-Kings River GSA	1610003-028	C	TOTAL DISSOLVED SOLIDS	430	12/14/2021	=	420	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	7/27/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	3/11/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	12/15/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	3/9/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	12/12/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	4/2/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	4/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	NITRATE AS N	0.5	12/14/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	ARSENIC	7.9	7/25/2012	=	4	µg/L
Mid-Kings River GSA	1610003-028	C	ARSENIC	7.9	12/15/2015	=	7.9	µg/L
Mid-Kings River GSA	1610003-028	C	ARSENIC	7.9	12/20/2018	=	5.9	µg/L
Mid-Kings River GSA	1610003-028	C	ARSENIC	7.9	12/14/2021	=	6.7	µg/L
Mid-Kings River GSA	1610003-028	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	SULFATE	0.5	12/15/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	SULFATE	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	SULFATE	0.5	12/14/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-028	C	CHLORIDE	170	7/25/2012	=	160	mg/L
Mid-Kings River GSA	1610003-028	C	CHLORIDE	170	12/15/2015	=	170	mg/L
Mid-Kings River GSA	1610003-028	C	CHLORIDE	170	12/20/2018	=	160	mg/L
Mid-Kings River GSA	1610003-028	C	CHLORIDE	170	12/14/2021	=	160	mg/L
Mid-Kings River GSA	1610003-028	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/14/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-028	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/26/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-028	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-028	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-028	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-028	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	TOTAL DISSOLVED SOLIDS	390	7/25/2012	=	360	mg/L
Mid-Kings River GSA	1610003-034	C	TOTAL DISSOLVED SOLIDS	390	12/14/2015	=	390	mg/L
Mid-Kings River GSA	1610003-034	C	TOTAL DISSOLVED SOLIDS	390	12/20/2018	=	380	mg/L
Mid-Kings River GSA	1610003-034	C	TOTAL DISSOLVED SOLIDS	390	12/9/2021	=	380	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	7/27/2010	=	0.29	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	3/29/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	6/2/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	6/2/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	12/9/2021	=	0.79	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	4/6/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	NITRATE AS N	0.5	6/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	ARSENIC	2.3	2/9/2010	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	ARSENIC	2.3	7/27/2010	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	ARSENIC	2.3	7/25/2012	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	ARSENIC	2.3	12/14/2015	=	2.3	µg/L
Mid-Kings River GSA	1610003-034	C	ARSENIC	2.3	12/20/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	ARSENIC	2.3	12/9/2021	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	URANIUM	1	6/17/2014	<	Not Detected	pCi/L
Mid-Kings River GSA	1610003-034	C	URANIUM	1	5/14/2020	<	Not Detected	pCi/L
Mid-Kings River GSA	1610003-034	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	SULFATE	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	SULFATE	0.5	12/9/2021	=	0.29	mg/L
Mid-Kings River GSA	1610003-034	C	SULFATE	0.5	12/9/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-034	C	CHLORIDE	120	7/25/2012	=	110	mg/L
Mid-Kings River GSA	1610003-034	C	CHLORIDE	120	12/14/2015	=	120	mg/L
Mid-Kings River GSA	1610003-034	C	CHLORIDE	120	12/20/2018	=	120	mg/L
Mid-Kings River GSA	1610003-034	C	CHLORIDE	120	12/9/2021	=	110	mg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/13/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/14/2020	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-034	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/31/2023	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-037	C	TOTAL DISSOLVED SOLIDS	340	7/25/2012	=	300	mg/L
Mid-Kings River GSA	1610003-037	C	TOTAL DISSOLVED SOLIDS	340	12/14/2015	=	340	mg/L
Mid-Kings River GSA	1610003-037	C	TOTAL DISSOLVED SOLIDS	340	12/20/2018	=	300	mg/L
Mid-Kings River GSA	1610003-037	C	TOTAL DISSOLVED SOLIDS	340	12/16/2021	=	330	mg/L
Mid-Kings River GSA	1610003-037	C	TOTAL DISSOLVED SOLIDS	340	12/5/2024	=	350	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	7/27/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	3/11/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	3/8/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	5/2/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	11/19/2020	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	11/18/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	6/6/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	ARSENIC	3.9	7/25/2012	=	3.8	µg/L
Mid-Kings River GSA	1610003-037	C	ARSENIC	3.9	12/14/2015	=	2.2	µg/L
Mid-Kings River GSA	1610003-037	C	ARSENIC	3.9	12/20/2018	=	3.9	µg/L
Mid-Kings River GSA	1610003-037	C	ARSENIC	3.9	12/16/2021	=	4.5	µg/L
Mid-Kings River GSA	1610003-037	C	ARSENIC	3.9	12/5/2024	=	3.9	µg/L
Mid-Kings River GSA	1610003-037	C	URANIUM	1	9/21/2010	<	Not Detected	pCi/L
Mid-Kings River GSA	1610003-037	C	URANIUM	1	6/24/2014	<	Not Detected	pCi/L
Mid-Kings River GSA	1610003-037	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	SULFATE	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	SULFATE	0.5	12/16/2021	=	0.68	mg/L
Mid-Kings River GSA	1610003-037	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-037	C	CHLORIDE	80	7/25/2012	=	72	mg/L
Mid-Kings River GSA	1610003-037	C	CHLORIDE	80	12/14/2015	=	76	mg/L
Mid-Kings River GSA	1610003-037	C	CHLORIDE	80	12/20/2018	=	80	mg/L
Mid-Kings River GSA	1610003-037	C	CHLORIDE	80	12/16/2021	=	81	mg/L
Mid-Kings River GSA	1610003-037	C	CHLORIDE	80	12/5/2024	=	82	mg/L
Mid-Kings River GSA	1610003-037	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/13/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-037	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-037	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-037	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-037	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-037	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/16/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	TOTAL DISSOLVED SOLIDS	520	3/10/2010	=	520	mg/L
Mid-Kings River GSA	1610003-043	C	TOTAL DISSOLVED SOLIDS	520	7/25/2012	=	510	mg/L
Mid-Kings River GSA	1610003-043	C	TOTAL DISSOLVED SOLIDS	520	12/14/2015	=	520	mg/L
Mid-Kings River GSA	1610003-043	C	TOTAL DISSOLVED SOLIDS	520	12/18/2018	=	510	mg/L
Mid-Kings River GSA	1610003-043	C	TOTAL DISSOLVED SOLIDS	520	5/3/2023	=	660	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	3/10/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	7/26/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	8/16/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	3/10/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	3/8/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	11/19/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	5/3/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	NITRATE AS N	0.5	6/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	3/10/2010	=	7.5	µg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	9/7/2010	=	10	µg/L

Appendix D
Table D-1: Water Quality Data
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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	9/23/2010	=	9.5	µg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	11/23/2010	=	9.4	µg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	7/25/2012	=	9.7	µg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	12/14/2015	=	7.4	µg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	12/18/2018	=	8.9	µg/L
Mid-Kings River GSA	1610003-043	C	ARSENIC	10	5/3/2023	=	9.3	µg/L
Mid-Kings River GSA	1610003-043	C	SULFATE	0.5	3/10/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	SULFATE	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	SULFATE	0.5	5/3/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-043	C	CHLORIDE	220	3/10/2010	=	200	mg/L
Mid-Kings River GSA	1610003-043	C	CHLORIDE	220	7/25/2012	=	210	mg/L
Mid-Kings River GSA	1610003-043	C	CHLORIDE	220	12/14/2015	=	220	mg/L
Mid-Kings River GSA	1610003-043	C	CHLORIDE	220	12/18/2018	=	210	mg/L
Mid-Kings River GSA	1610003-043	C	CHLORIDE	220	5/3/2023	=	230	mg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/10/2010	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/13/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-043	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/3/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	TOTAL DISSOLVED SOLIDS	390	4/8/2020	=	390	mg/L
South Fork Kings GSA	1610006-007	C	TOTAL DISSOLVED SOLIDS	390	8/15/2023	=	500	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	4/8/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	3/31/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	5/3/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	2/9/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	5/31/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	4/12/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	5/23/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	NITRATE AS N	0.4	5/20/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	ARSENIC	2	4/8/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	ARSENIC	2	4/12/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	SULFATE	0.5	4/8/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	SULFATE	0.5	4/12/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610006-007	C	CHLORIDE	100	4/8/2020	=	100	mg/L
South Fork Kings GSA	1610006-007	C	CHLORIDE	100	4/12/2023	=	110	mg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/8/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/31/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/3/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/14/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/13/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/9/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/31/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	8/16/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	11/14/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/23/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610006-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/23/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	5/27/2010	=	457	mg/L
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	1/31/2012	=	410	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	1/21/2015	=	450	mg/L
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	2/6/2018	=	400	mg/L
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	1/21/2021	=	420	mg/L
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	2/14/2024	=	470	mg/L
South Fork Kings GSA	1610005-022	C	TOTAL DISSOLVED SOLIDS	457	4/25/2024	=	430	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	1/31/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	8/28/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	1/21/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	7/25/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	4/5/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	8/2/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	2/6/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	1/30/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	10/12/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	11/13/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	NITRATE AS N	0.5	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/27/2010	=	1.04	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/31/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/24/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/11/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/13/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/13/2012	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/12/2013	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/14/2013	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/13/2013	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/19/2013	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/5/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/13/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/13/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/10/2014	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/21/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/9/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/14/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/5/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/4/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/4/2016	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/9/2016	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/23/2016	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/8/2017	=	2.3	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/9/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	6/7/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	7/21/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/2/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	9/6/2017	<	Not Detected	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	10/5/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/7/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	12/5/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/3/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/6/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/6/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	3/6/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	4/3/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/1/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	6/5/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	7/3/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	9/6/2018	=	2.2	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	10/3/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	12/4/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/7/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/5/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	3/21/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	4/10/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/16/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	6/4/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	7/2/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/6/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	9/10/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	10/1/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/5/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/8/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/6/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	3/3/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	4/1/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/7/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	6/15/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	6/25/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	7/8/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	9/9/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	10/13/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/3/2020	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/27/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/10/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	3/10/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	4/8/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/11/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	6/2/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	7/13/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	9/15/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	10/18/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/9/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/30/2021	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/9/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/17/2022	=	2.5	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	4/27/2022	<	Not Detected	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/24/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	10/12/2022	=	2.4	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/16/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	1/18/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/28/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/24/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/16/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/13/2023	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	2/14/2024	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	5/9/2024	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	8/8/2024	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	ARSENIC	2.3	11/7/2024	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	URANIUM	6.02	1/30/2012	=	3.52	pCi/L
South Fork Kings GSA	1610005-022	C	URANIUM	6.02	5/16/2012	=	1.85	pCi/L
South Fork Kings GSA	1610005-022	C	URANIUM	6.02	8/14/2012	=	4.34	pCi/L
South Fork Kings GSA	1610005-022	C	URANIUM	6.02	11/27/2012	=	6.02	pCi/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	5/27/2010	=	0.78	mg/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	1/31/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	1/21/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	2/6/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	1/21/2021	=	0.77	mg/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	SULFATE	0.78	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	5/27/2010	=	96.65	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	1/31/2012	=	92	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	1/21/2015	=	93	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	2/6/2018	=	96	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	1/21/2021	=	92	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	2/14/2024	=	92	mg/L
South Fork Kings GSA	1610005-022	C	CHLORIDE	96.65	4/25/2024	=	93	mg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/28/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/6/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-022	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-006	C	TOTAL DISSOLVED SOLIDS	370	7/19/2010	=	360	mg/L
South Fork Kings GSA	1610005-006	C	TOTAL DISSOLVED SOLIDS	370	5/14/2013	=	370	mg/L
South Fork Kings GSA	1610005-006	C	TOTAL DISSOLVED SOLIDS	370	5/3/2016	=	360	mg/L
South Fork Kings GSA	1610005-006	C	TOTAL DISSOLVED SOLIDS	370	1/21/2021	=	370	mg/L
South Fork Kings GSA	1610005-006	C	TOTAL DISSOLVED SOLIDS	370	2/14/2024	=	410	mg/L
South Fork Kings GSA	1610005-006	C	TOTAL DISSOLVED SOLIDS	370	4/25/2024	=	380	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	5/14/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	5/19/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	9/24/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	5/2/2016	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	5/3/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	7/25/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	4/11/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	8/2/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	10/12/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	11/13/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	NITRATE AS N	0.5	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	7/19/2010	=	3.2	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/11/2012	=	3.3	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/13/2012	=	5.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/13/2012	=	4.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/14/2013	=	5.4	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/13/2013	=	5.1	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/14/2013	=	5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/14/2014	=	6.1	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/13/2014	=	4.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/10/2014	=	8.8	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/9/2015	=	5.4	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/14/2015	=	5.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/5/2015	=	3.3	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/4/2015	=	4.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/17/2016	=	7.7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/3/2016	=	5.7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/4/2016	=	5.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/9/2016	=	5.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/8/2017	=	8.1	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/17/2017	=	5.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/7/2017	=	4.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	7/21/2017	=	3.1	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/2/2017	=	4.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	9/6/2017	=	5.7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	10/5/2017	=	4.7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/7/2017	=	7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	12/5/2017	=	6.8	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	1/3/2018	=	7.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/9/2018	=	7.3	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	3/6/2018	=	6.4	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	4/3/2018	=	19	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/1/2018	=	5.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/5/2018	=	5.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	7/3/2018	=	5.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/8/2018	=	4.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	9/6/2018	=	5.1	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	10/3/2018	=	5.7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/8/2018	=	9.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	12/4/2018	=	7.4	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	1/14/2021	=	9.8	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	1/27/2021	=	9.5	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/10/2021	=	6.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	3/24/2021	=	8	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	4/8/2021	=	7.2	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	4/14/2021	=	6.2	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	4/20/2021	=	6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	4/27/2021	=	6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/4/2021	=	5.7	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/11/2021	=	6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/12/2021	=	5.8	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/18/2021	=	6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/25/2021	=	5.3	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/1/2021	=	5.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/2/2021	=	5.2	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/9/2021	=	5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/15/2021	=	5.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/22/2021	=	5.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	6/29/2021	=	5.8	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	7/13/2021	=	5.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	9/15/2021	=	5.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	10/18/2021	=	13	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/9/2021	=	5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/30/2021	=	11	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/9/2022	=	5.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/17/2022	=	6.3	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	4/27/2022	=	5.4	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/24/2022	=	4.6	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	10/12/2022	=	5.1	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/16/2022	=	4.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	1/18/2023	=	5.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/28/2023	=	16	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	5/24/2023	=	4.2	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/16/2023	=	4.9	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/13/2023	=	4.4	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	2/14/2024	=	4.3	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	8/8/2024	=	5.5	µg/L
South Fork Kings GSA	1610005-006	C	ARSENIC	19	11/7/2024	=	5.7	µg/L
South Fork Kings GSA	1610005-006	C	SULFATE	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	SULFATE	0.5	5/14/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	SULFATE	0.5	5/3/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	SULFATE	0.5	1/21/2021	=	1.2	mg/L
South Fork Kings GSA	1610005-006	C	SULFATE	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	SULFATE	0.5	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	7/19/2010	=	68	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	5/14/2013	=	60	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	5/3/2016	=	74	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	1/14/2021	=	45	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	1/21/2021	=	46	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	2/14/2024	=	61	mg/L
South Fork Kings GSA	1610005-006	C	CHLORIDE	74	4/25/2024	=	63	mg/L
South Fork Kings GSA	1610005-006	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/28/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-006	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-006	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-006	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-006	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/12/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-006	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/14/2024	<	Not Detected	µg/L
South Fork Kings GSA	1610005-008	C	TOTAL DISSOLVED SOLIDS	390	7/19/2010	=	370	mg/L
South Fork Kings GSA	1610005-008	C	TOTAL DISSOLVED SOLIDS	390	4/15/2013	=	390	mg/L
South Fork Kings GSA	1610005-008	C	TOTAL DISSOLVED SOLIDS	390	4/18/2016	=	380	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	NITRATE AS N	0.5	8/3/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	7/19/2010	<	Not Detected	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	4/15/2013	=	2.6	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	8/13/2013	=	3.6	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	8/13/2014	=	2.4	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	8/5/2015	=	2.3	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	2/17/2016	=	4.6	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	4/18/2016	=	3.9	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	5/17/2017	=	5	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	6/7/2017	=	3.5	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	7/21/2017	=	2.2	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	8/2/2017	=	3.6	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	9/6/2017	=	4.2	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	10/5/2017	=	4.2	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	7/3/2018	=	5	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	8/8/2018	=	3.9	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	10/3/2018	=	4.2	µg/L
South Fork Kings GSA	1610005-008	C	ARSENIC	5	7/2/2019	=	4.8	µg/L
South Fork Kings GSA	1610005-008	C	URANIUM	7.8	1/30/2015	=	7.8	pCi/L
South Fork Kings GSA	1610005-008	C	SULFATE	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	SULFATE	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	SULFATE	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-008	C	CHLORIDE	11	7/19/2010	=	11	mg/L
South Fork Kings GSA	1610005-008	C	CHLORIDE	11	4/15/2013	=	9.2	mg/L
South Fork Kings GSA	1610005-008	C	CHLORIDE	11	4/18/2016	=	9.4	mg/L
South Fork Kings GSA	1610005-008	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	7/19/2010	=	230	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	4/15/2013	=	310	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	5/2/2016	=	290	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	10/30/2018	=	300	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	12/20/2019	=	250	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	1/21/2021	=	310	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	3/13/2023	=	220	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	2/14/2024	=	330	mg/L
South Fork Kings GSA	1610005-005	C	TOTAL DISSOLVED SOLIDS	310	4/25/2024	=	360	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	7/24/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	5/2/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	7/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	4/5/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	8/2/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	10/30/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	1/30/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	12/20/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	3/13/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	NITRATE AS N	0.5	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/11/2010	=	8.3	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	7/19/2010	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/24/2010	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/9/2010	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/28/2011	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	4/5/2011	=	8.8	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/3/2011	=	18	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/28/2011	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/24/2012	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/1/2012	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/13/2012	=	23	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/13/2012	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/11/2013	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	4/15/2013	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/14/2013	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/13/2013	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/19/2013	=	19	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	1/9/2014	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/5/2014	=	11	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/13/2014	=	11	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/13/2014	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/10/2014	=	22	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/14/2015	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/5/2015	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/25/2015	=	11	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/4/2015	=	18	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/8/2016	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/2/2016	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/4/2016	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/9/2016	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/23/2016	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/8/2017	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/9/2017	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/7/2017	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	7/21/2017	=	21	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/2/2017	=	12	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-005	C	ARSENIC	25	9/6/2017	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	10/5/2017	=	21	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/7/2017	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	12/5/2017	=	25	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	1/3/2018	=	22	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/6/2018	=	19	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	3/6/2018	=	11	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	4/3/2018	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/1/2018	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/5/2018	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	7/3/2018	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/8/2018	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	9/6/2018	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	10/3/2018	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/7/2018	=	22	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	12/4/2018	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	1/7/2019	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/5/2019	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	3/21/2019	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	4/10/2019	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/16/2019	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/4/2019	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	7/2/2019	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/6/2019	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	9/10/2019	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	10/1/2019	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/5/2019	=	17	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	12/20/2019	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	1/8/2020	=	18	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/6/2020	=	14	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	3/3/2020	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	4/1/2020	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/7/2020	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/15/2020	=	13	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/25/2020	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	7/8/2020	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	9/9/2020	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/3/2020	=	23	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	1/27/2021	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	3/10/2021	=	21	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	4/8/2021	=	23	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/11/2021	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/2/2021	=	11	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	7/13/2021	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	9/15/2021	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	10/18/2021	=	22	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/9/2021	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/30/2021	=	18	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/24/2022	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/16/2022	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	3/13/2023	=	23	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	6/23/2023	=	22	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/16/2023	=	15	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/13/2023	=	20	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	2/14/2024	=	11	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	5/9/2024	=	16	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	8/8/2024	=	12	µg/L
South Fork Kings GSA	1610005-005	C	ARSENIC	25	11/7/2024	=	20	µg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	7/19/2010	=	2.3	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	5/2/2016	=	1.7	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	10/30/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	12/20/2019	=	2.6	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	1/21/2021	=	1.1	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	3/13/2023	=	3	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	SULFATE	2.6	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	7/19/2010	=	27	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	4/15/2013	=	48	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	5/2/2016	=	41	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	10/30/2018	=	51	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	12/20/2019	=	28	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	1/21/2021	=	48	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	3/13/2023	=	23	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	2/14/2024	=	47	mg/L
South Fork Kings GSA	1610005-005	C	CHLORIDE	51	4/25/2024	=	50	mg/L
South Fork Kings GSA	1610005-005	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-005	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-005	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-005	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-005	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/12/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-036	C	TOTAL DISSOLVED SOLIDS	360	7/25/2012	=	320	mg/L
Mid-Kings River GSA	1610003-036	C	TOTAL DISSOLVED SOLIDS	360	12/14/2015	=	360	mg/L
Mid-Kings River GSA	1610003-036	C	TOTAL DISSOLVED SOLIDS	360	12/20/2018	=	300	mg/L
Mid-Kings River GSA	1610003-036	C	TOTAL DISSOLVED SOLIDS	360	12/14/2021	=	350	mg/L
Mid-Kings River GSA	1610003-036	C	TOTAL DISSOLVED SOLIDS	360	12/5/2024	=	330	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	7/26/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	3/11/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	3/8/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	11/19/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	11/18/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	12/14/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	6/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-036	C	ARSENIC	5.5	7/25/2012	=	4.1	µg/L
Mid-Kings River GSA	1610003-036	C	ARSENIC	5.5	12/14/2015	=	3.9	µg/L
Mid-Kings River GSA	1610003-036	C	ARSENIC	5.5	12/20/2018	=	5.5	µg/L
Mid-Kings River GSA	1610003-036	C	ARSENIC	5.5	12/14/2021	=	5.7	µg/L
Mid-Kings River GSA	1610003-036	C	ARSENIC	5.5	12/5/2024	=	5.3	µg/L
Mid-Kings River GSA	1610003-036	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	SULFATE	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	SULFATE	0.5	12/14/2021	=	0.49	mg/L
Mid-Kings River GSA	1610003-036	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-036	C	CHLORIDE	99	7/25/2012	=	88	mg/L
Mid-Kings River GSA	1610003-036	C	CHLORIDE	99	12/14/2015	=	97	mg/L
Mid-Kings River GSA	1610003-036	C	CHLORIDE	99	12/20/2018	=	99	mg/L
Mid-Kings River GSA	1610003-036	C	CHLORIDE	99	12/14/2021	=	97	mg/L
Mid-Kings River GSA	1610003-036	C	CHLORIDE	99	12/5/2024	=	100	mg/L
Mid-Kings River GSA	1610003-036	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/27/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-036	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-036	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-036	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-036	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-036	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/16/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-001	C	TOTAL DISSOLVED SOLIDS	260	1/18/2012	=	260	mg/L
Mid-Kings River GSA	1610001-001	C	TOTAL DISSOLVED SOLIDS	260	3/4/2015	=	250	mg/L
Mid-Kings River GSA	1610001-001	C	TOTAL DISSOLVED SOLIDS	260	3/28/2018	=	250	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/13/2010	ND	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/13/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/13/2010	ND	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/13/2010	ND	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/13/2010	ND	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	2/2/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/18/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/16/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	2/19/2014	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	2/25/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	3/4/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	12/7/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/25/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/17/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	3/28/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	NITRATE AS N	0.5	1/9/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	1/13/2010	=	6.2	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	5/26/2010	=	11	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	7/14/2010	=	9.3	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	10/20/2010	=	9.1	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	2/16/2011	=	9.7	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	4/20/2011	=	7.3	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	8/10/2011	=	9.3	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	11/9/2011	=	10	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	1/18/2012	=	8.1	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	2/22/2012	=	7.9	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	5/23/2012	=	6.9	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	7/16/2012	=	8.4	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	11/7/2012	=	6.2	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	1/16/2013	=	17	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	4/10/2013	=	5	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	7/31/2013	=	4.2	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	11/6/2013	=	6.2	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	2/26/2014	=	7.7	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	5/30/2014	=	5.8	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	8/6/2014	=	7.7	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	11/19/2014	=	5.4	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	2/25/2015	=	7.3	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	3/4/2015	=	5.6	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	6/1/2015	=	7.8	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	7/8/2015	=	4.1	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	10/7/2015	=	9.2	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	5/4/2016	=	10	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	7/12/2016	=	6.4	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	10/12/2016	=	5	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	1/25/2017	=	7	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	4/19/2017	=	7.1	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	7/19/2017	=	4.5	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	11/15/2017	=	19	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	2/28/2018	=	28	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	3/28/2018	=	32	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	5/2/2018	=	19	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	8/1/2018	=	41	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	11/14/2018	=	19	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	2/6/2019	=	17	µg/L
Mid-Kings River GSA	1610001-001	C	ARSENIC	41	5/1/2019	=	18	µg/L
Mid-Kings River GSA	1610001-001	C	URANIUM	2.1	11/14/2018	=	2.1	pCi/L
Mid-Kings River GSA	1610001-001	C	URANIUM	2.1	2/6/2019	=	1.2	pCi/L
Mid-Kings River GSA	1610001-001	C	URANIUM	2.1	5/1/2019	=	2.1	pCi/L
Mid-Kings River GSA	1610001-001	C	SULFATE	0.5	1/18/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	SULFATE	0.5	3/4/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	SULFATE	0.5	3/28/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-001	C	CHLORIDE	18	1/18/2012	=	18	mg/L
Mid-Kings River GSA	1610001-001	C	CHLORIDE	18	3/4/2015	=	16	mg/L
Mid-Kings River GSA	1610001-001	C	CHLORIDE	18	3/28/2018	=	15	mg/L
Mid-Kings River GSA	1610001-001	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/14/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-001	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	6/6/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-001	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	6/6/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-001	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	9/5/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-001	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	12/5/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	7/19/2010	=	270	mg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	4/15/2013	=	280	mg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	4/18/2016	=	290	mg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	5/14/2019	=	280	mg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	1/21/2021	=	290	mg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	2/17/2022	=	290	mg/L
South Fork Kings GSA	1610005-020	C	TOTAL DISSOLVED SOLIDS	290	4/25/2024	=	320	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	4/15/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	4/5/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	5/14/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	5/31/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	2/17/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	2/28/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	NITRATE AS N	0.5	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	7/19/2010	=	6.1	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/28/2011	=	5.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/5/2011	=	4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/3/2011	=	6.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/28/2011	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/24/2012	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/1/2012	=	6.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/13/2012	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/13/2012	=	9.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/15/2013	=	8.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/14/2013	=	7.8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/19/2013	=	9.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/13/2014	=	6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/13/2014	=	7.8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/10/2014	=	6.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/9/2015	=	7.8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/14/2015	=	7.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/5/2015	=	5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/4/2015	=	7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/8/2016	=	6.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/18/2016	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/4/2016	=	7.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/9/2016	=	7.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/23/2016	=	7.8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/8/2017	=	11	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/9/2017	=	8.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	6/7/2017	=	7.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	7/21/2017	=	6.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/2/2017	=	7.1	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	9/6/2017	=	8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	10/5/2017	=	7.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/7/2017	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	12/5/2017	=	9.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	1/3/2018	=	8.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/6/2018	=	8.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	3/6/2018	=	8.5	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/3/2018	=	8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/1/2018	=	9.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	6/5/2018	=	9.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	7/3/2018	=	8.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/8/2018	=	7.8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	9/6/2018	=	8.8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	10/3/2018	=	9.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/8/2018	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	1/7/2019	=	8.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/5/2019	=	8.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	3/21/2019	=	8.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/10/2019	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/14/2019	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/16/2019	=	8.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	6/4/2019	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	7/2/2019	=	8.1	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/6/2019	=	8.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	9/10/2019	=	8.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	10/1/2019	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/5/2019	=	8.1	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	1/8/2020	=	7.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/6/2020	=	7.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	3/3/2020	=	9.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/1/2020	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/7/2020	=	8.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	6/15/2020	=	8.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	6/25/2020	=	8.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	7/8/2020	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	9/9/2020	=	7.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	10/13/2020	=	8.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/3/2020	=	8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	1/27/2021	=	8.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	3/10/2021	=	7.4	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	3/31/2021	=	8.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/8/2021	=	12	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/11/2021	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	6/2/2021	=	7.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	7/13/2021	=	8.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	9/15/2021	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	10/18/2021	=	8.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/9/2021	=	7.6	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/30/2021	=	8.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/9/2022	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/17/2022	=	9.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	4/27/2022	=	9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/24/2022	=	7.9	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/16/2022	=	8.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	1/18/2023	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/28/2023	=	7.3	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/24/2023	=	8	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/16/2023	=	7.7	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/13/2023	=	7.2	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-020	C	ARSENIC	11	2/14/2024	=	6.2	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	5/9/2024	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	8/8/2024	=	8.5	µg/L
South Fork Kings GSA	1610005-020	C	ARSENIC	11	11/7/2024	=	9.2	µg/L
South Fork Kings GSA	1610005-020	C	URANIUM	2.48	7/30/2010	=	2.48	pCi/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	5/14/2019	=	0.58	mg/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	1/21/2021	=	0.8	mg/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	2/17/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	SULFATE	0.58	4/25/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	7/19/2010	=	25	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	4/15/2013	=	26	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	4/18/2016	=	30	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	5/14/2019	=	32	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	1/21/2021	=	32	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	2/17/2022	=	36	mg/L
South Fork Kings GSA	1610005-020	C	CHLORIDE	32	4/25/2024	=	37	mg/L
South Fork Kings GSA	1610005-020	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-020	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-020	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-020	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-020	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-007	C	TOTAL DISSOLVED SOLIDS	250	1/17/2012	=	250	mg/L
Mid-Kings River GSA	1610001-007	C	TOTAL DISSOLVED SOLIDS	250	3/4/2015	=	250	mg/L
Mid-Kings River GSA	1610001-007	C	TOTAL DISSOLVED SOLIDS	250	3/28/2018	=	250	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	1/13/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	2/2/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	1/17/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	2/13/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	2/19/2014	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	2/25/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	3/4/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	3/2/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	1/25/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	1/17/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	3/28/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	NITRATE AS N	0.5	1/9/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	1/13/2010	=	86	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	5/26/2010	=	7.9	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	7/14/2010	=	3.6	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	10/20/2010	=	14	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/16/2011	=	97	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	4/20/2011	=	74	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	8/10/2011	=	3.9	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	11/9/2011	=	100	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	1/17/2012	=	7.9	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/22/2012	=	110	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	5/23/2012	=	4.9	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	7/16/2012	=	4	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	11/7/2012	=	33	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/13/2013	=	100	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	4/10/2013	=	80	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	7/31/2013	=	3	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	11/6/2013	=	92	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/26/2014	=	90	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	5/30/2014	=	3.8	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	8/6/2014	=	3.2	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	8/6/2014	=	3.2	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	11/19/2014	=	6.4	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/25/2015	=	96	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	3/4/2015	=	87	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	6/1/2015	=	4.1	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	7/8/2015	=	3.4	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	10/7/2015	=	4.2	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	3/2/2016	=	4.6	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	5/4/2016	=	4.2	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	7/12/2016	=	4.5	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	10/12/2016	=	4	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	1/25/2017	=	91	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	4/19/2017	=	100	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	7/19/2017	=	4.4	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	11/15/2017	=	53	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/28/2018	=	9.6	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	3/28/2018	=	18	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	5/2/2018	=	8.2	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	8/1/2018	=	10	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	11/14/2018	=	5.4	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	2/6/2019	=	100	µg/L
Mid-Kings River GSA	1610001-007	C	ARSENIC	110	5/1/2019	=	6.7	µg/L
Mid-Kings River GSA	1610001-007	C	SULFATE	3.1	1/17/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610001-007	C	SULFATE	3.1	3/4/2015	=	3.1	mg/L
Mid-Kings River GSA	1610001-007	C	SULFATE	3.1	3/28/2018	=	1.3	mg/L
Mid-Kings River GSA	1610001-007	C	CHLORIDE	43	1/17/2012	=	25	mg/L
Mid-Kings River GSA	1610001-007	C	CHLORIDE	43	3/4/2015	=	43	mg/L
Mid-Kings River GSA	1610001-007	C	CHLORIDE	43	3/28/2018	=	21	mg/L
Mid-Kings River GSA	1610001-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/14/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	6/6/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	9/5/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610001-007	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	12/5/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-031	C	TOTAL DISSOLVED SOLIDS	410	7/25/2012	=	410	mg/L
Mid-Kings River GSA	1610003-031	C	TOTAL DISSOLVED SOLIDS	410	12/15/2015	=	400	mg/L
Mid-Kings River GSA	1610003-031	C	TOTAL DISSOLVED SOLIDS	410	12/18/2018	=	370	mg/L
Mid-Kings River GSA	1610003-031	C	TOTAL DISSOLVED SOLIDS	410	12/15/2021	=	400	mg/L
Mid-Kings River GSA	1610003-031	C	TOTAL DISSOLVED SOLIDS	410	12/5/2024	=	410	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	7/27/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	3/11/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	12/15/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	3/9/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	12/12/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	4/7/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	4/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	12/15/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	6/14/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	6/6/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	ARSENIC	7.5	7/25/2012	=	3	µg/L
Mid-Kings River GSA	1610003-031	C	ARSENIC	7.5	12/15/2015	=	7.5	µg/L
Mid-Kings River GSA	1610003-031	C	ARSENIC	7.5	12/18/2018	=	6.6	µg/L
Mid-Kings River GSA	1610003-031	C	ARSENIC	7.5	12/15/2021	=	4	µg/L
Mid-Kings River GSA	1610003-031	C	ARSENIC	7.5	12/5/2024	=	3.3	µg/L
Mid-Kings River GSA	1610003-031	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	SULFATE	0.5	12/15/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	SULFATE	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	SULFATE	0.5	12/15/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-031	C	CHLORIDE	170	7/25/2012	=	170	mg/L
Mid-Kings River GSA	1610003-031	C	CHLORIDE	170	12/15/2015	=	160	mg/L
Mid-Kings River GSA	1610003-031	C	CHLORIDE	170	12/18/2018	=	160	mg/L
Mid-Kings River GSA	1610003-031	C	CHLORIDE	170	12/15/2021	=	160	mg/L
Mid-Kings River GSA	1610003-031	C	CHLORIDE	170	12/5/2024	=	150	mg/L
Mid-Kings River GSA	1610003-031	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/14/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-031	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/26/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-031	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-031	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-031	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/11/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-031	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/16/2022	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	7/19/2010	=	410	mg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	4/15/2013	=	410	mg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	4/18/2016	=	420	mg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	10/30/2018	=	440	mg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	5/14/2019	=	440	mg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	1/21/2021	=	430	mg/L
South Fork Kings GSA	1610005-011	C	TOTAL DISSOLVED SOLIDS	440	2/17/2022	=	480	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	7/11/2011	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	7/23/2012	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	9/24/2014	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	4/9/2015	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	1/26/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	7/25/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	12/28/2017	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	10/30/2018	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	1/30/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	5/14/2019	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	6/25/2020	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	1/21/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	2/17/2022	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	2/28/2023	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	NITRATE AS N	0.5	2/14/2024	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/19/2010	=	2.7	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/24/2012	=	3.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/13/2012	=	5.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/13/2012	=	6.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/15/2013	=	5.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/13/2013	=	4.7	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/19/2013	=	9.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/10/2014	=	11	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/9/2015	=	5.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/14/2015	=	4.7	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/5/2015	=	5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/4/2015	=	5.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/8/2016	=	7.7	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/18/2016	=	5.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/4/2016	=	5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/9/2016	=	5.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/23/2016	=	9.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/6/2017	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/6/2017	=	8.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/13/2017	=	8.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/5/2018	=	5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/6/2018	=	8.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/13/2018	=	4.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/5/2018	=	9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/11/2018	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/26/2018	=	8.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/3/2018	=	2.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/3/2018	=	10	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/11/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/17/2018	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/31/2018	=	4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/7/2018	=	2.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/8/2018	=	9.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/14/2018	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/21/2018	=	2.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/28/2018	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/6/2018	=	4.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/12/2018	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/18/2018	=	2.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/24/2018	=	2.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/2/2018	=	2.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/3/2018	=	8.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/9/2018	=	2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/16/2018	=	2.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/23/2018	=	2.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/30/2018	<	Not Detected	µg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/6/2018	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/8/2018	=	12	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/13/2018	=	2.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/21/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/27/2018	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	12/4/2018	=	14	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	12/5/2018	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	12/11/2018	=	2.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	12/18/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	12/26/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/2/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/7/2019	=	11	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/8/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/14/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/22/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/29/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/5/2019	=	13	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/5/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/12/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/19/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/26/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/4/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/12/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/19/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/21/2019	=	13	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/26/2019	=	2.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/2/2019	=	2.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/9/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/10/2019	=	11	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/16/2019	=	3.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/23/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/30/2019	=	2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/7/2019	=	2.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/14/2019	=	8.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/14/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/16/2019	=	9.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/21/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/28/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/4/2019	=	9.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/11/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/19/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/25/2019	=	3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/2/2019	=	9.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/2/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/9/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/16/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/23/2019	=	5.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/30/2019	=	3.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/6/2019	=	9.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/6/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/13/2019	=	2.3	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/20/2019	=	2.5	µg/L

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Table D-1: Water Quality Data
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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/27/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/3/2019	=	2.4	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/10/2019	=	8.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/10/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/17/2019	=	2.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/24/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/1/2019	=	9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/8/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/15/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/22/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/29/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/5/2019	=	8.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/5/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/13/2019	=	2.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/19/2019	=	2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/26/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	12/10/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/8/2020	=	8.2	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/6/2020	=	9.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/3/2020	=	8.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/1/2020	=	11	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/7/2020	=	6.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/15/2020	=	9.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/25/2020	=	8.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/8/2020	=	8.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/9/2020	=	15	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/3/2020	=	10	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/27/2021	=	14	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/10/2021	=	12	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	3/10/2021	=	10	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/8/2021	=	10	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/11/2021	=	9.1	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	6/2/2021	=	14	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	7/13/2021	=	9.8	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	9/15/2021	=	15	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	10/18/2021	=	15	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/9/2021	=	15	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/30/2021	=	16	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/9/2022	=	15	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/17/2022	=	16	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	4/27/2022	=	12	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/24/2022	=	16	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/16/2022	=	16	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	1/18/2023	=	16	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/28/2023	=	14	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/24/2023	=	11	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/16/2023	=	9.5	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/13/2023	=	10	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	2/14/2024	=	10	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	5/9/2024	=	9.9	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	8/8/2024	=	6.6	µg/L
South Fork Kings GSA	1610005-011	C	ARSENIC	15	11/7/2024	=	12	µg/L

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Table D-1: Water Quality Data
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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	7/19/2010	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	4/15/2013	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	4/18/2016	<	Not Detected	mg/L
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	10/30/2018	=	6.8	mg/L
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	5/14/2019	=	2.7	mg/L
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	1/21/2021	=	7.3	mg/L
South Fork Kings GSA	1610005-011	C	SULFATE	6.8	2/17/2022	=	7.1	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	7/19/2010	=	66	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	4/15/2013	=	64	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	4/18/2016	=	65	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	10/30/2018	=	13	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	5/14/2019	=	37	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	1/21/2021	=	15	mg/L
South Fork Kings GSA	1610005-011	C	CHLORIDE	66	2/17/2022	=	13	mg/L
South Fork Kings GSA	1610005-011	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/28/2015	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	3/7/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/24/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/8/2018	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	1/30/2019	<	Not Detected	µg/L
South Fork Kings GSA	1610005-011	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	TOTAL DISSOLVED SOLIDS	490	7/25/2012	=	470	mg/L
Mid-Kings River GSA	1610003-040	C	TOTAL DISSOLVED SOLIDS	490	12/14/2015	=	490	mg/L
Mid-Kings River GSA	1610003-040	C	TOTAL DISSOLVED SOLIDS	490	12/20/2018	=	450	mg/L
Mid-Kings River GSA	1610003-040	C	TOTAL DISSOLVED SOLIDS	490	12/16/2021	=	490	mg/L
Mid-Kings River GSA	1610003-040	C	TOTAL DISSOLVED SOLIDS	490	12/5/2024	=	550	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	7/26/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	8/16/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	3/10/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	3/9/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	11/19/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	11/18/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	12/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	6/6/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	ARSENIC	4.7	2/9/2010	=	4.5	µg/L
Mid-Kings River GSA	1610003-040	C	ARSENIC	4.7	7/25/2012	=	3.2	µg/L
Mid-Kings River GSA	1610003-040	C	ARSENIC	4.7	12/14/2015	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	ARSENIC	4.7	12/20/2018	=	4.7	µg/L
Mid-Kings River GSA	1610003-040	C	ARSENIC	4.7	12/16/2021	=	4.1	µg/L
Mid-Kings River GSA	1610003-040	C	ARSENIC	4.7	12/5/2024	=	3.3	µg/L
Mid-Kings River GSA	1610003-040	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	SULFATE	0.5	12/20/2018	<	Not Detected	mg/L

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GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-040	C	SULFATE	0.5	12/16/2021	=	0.5	mg/L
Mid-Kings River GSA	1610003-040	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-040	C	CHLORIDE	170	7/25/2012	=	170	mg/L
Mid-Kings River GSA	1610003-040	C	CHLORIDE	170	12/14/2015	=	170	mg/L
Mid-Kings River GSA	1610003-040	C	CHLORIDE	170	12/20/2018	=	170	mg/L
Mid-Kings River GSA	1610003-040	C	CHLORIDE	170	12/16/2021	=	160	mg/L
Mid-Kings River GSA	1610003-040	C	CHLORIDE	170	12/5/2024	=	150	mg/L
Mid-Kings River GSA	1610003-040	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/13/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/12/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-040	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/17/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-026	C	TOTAL DISSOLVED SOLIDS	520	7/25/2012	=	310	mg/L
Mid-Kings River GSA	1610003-026	C	TOTAL DISSOLVED SOLIDS	520	12/15/2015	=	520	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	7/27/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	3/11/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	12/15/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	3/10/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	NITRATE AS N	0.5	5/2/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	ARSENIC	23	7/25/2012	=	4.7	µg/L
Mid-Kings River GSA	1610003-026	C	ARSENIC	23	12/15/2015	=	23	µg/L
Mid-Kings River GSA	1610003-026	C	SULFATE	1.9	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-026	C	SULFATE	1.9	12/15/2015	=	1.9	mg/L
Mid-Kings River GSA	1610003-026	C	CHLORIDE	130	7/25/2012	=	130	mg/L
Mid-Kings River GSA	1610003-026	C	CHLORIDE	130	12/15/2015	=	130	mg/L
Mid-Kings River GSA	1610003-026	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/27/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-026	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/27/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-033	C	TOTAL DISSOLVED SOLIDS	400	7/25/2012	=	390	mg/L
Mid-Kings River GSA	1610003-033	C	TOTAL DISSOLVED SOLIDS	400	12/14/2015	=	400	mg/L
Mid-Kings River GSA	1610003-033	C	TOTAL DISSOLVED SOLIDS	400	12/18/2018	=	360	mg/L
Mid-Kings River GSA	1610003-033	C	TOTAL DISSOLVED SOLIDS	400	12/15/2021	=	380	mg/L
Mid-Kings River GSA	1610003-033	C	TOTAL DISSOLVED SOLIDS	400	12/5/2024	=	390	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	7/27/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	8/17/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	3/10/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	3/8/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	12/12/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	4/7/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	4/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	12/15/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L

Appendix D
Table D-1: Water Quality Data
WY 2024 Annual Report
Tulare Lake Subbasin, CA

GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	6/14/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	6/6/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	ARSENIC	7.3	7/25/2012	=	6.1	µg/L
Mid-Kings River GSA	1610003-033	C	ARSENIC	7.3	12/14/2015	=	5.7	µg/L
Mid-Kings River GSA	1610003-033	C	ARSENIC	7.3	12/18/2018	=	7.3	µg/L
Mid-Kings River GSA	1610003-033	C	ARSENIC	7.3	12/15/2021	=	6.5	µg/L
Mid-Kings River GSA	1610003-033	C	ARSENIC	7.3	12/5/2024	=	5.3	µg/L
Mid-Kings River GSA	1610003-033	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	SULFATE	0.5	12/18/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	SULFATE	0.5	12/15/2021	=	0.36	mg/L
Mid-Kings River GSA	1610003-033	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-033	C	CHLORIDE	140	7/25/2012	=	140	mg/L
Mid-Kings River GSA	1610003-033	C	CHLORIDE	140	12/14/2015	=	140	mg/L
Mid-Kings River GSA	1610003-033	C	CHLORIDE	140	12/18/2018	=	140	mg/L
Mid-Kings River GSA	1610003-033	C	CHLORIDE	140	12/15/2021	=	130	mg/L
Mid-Kings River GSA	1610003-033	C	CHLORIDE	140	12/5/2024	=	130	mg/L
Mid-Kings River GSA	1610003-033	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/13/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-033	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-033	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-033	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-033	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/12/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-033	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/16/2022	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	TOTAL DISSOLVED SOLIDS	480	8/19/2011	=	480	mg/L
Mid-Kings River GSA	1610003-039	C	TOTAL DISSOLVED SOLIDS	480	7/25/2012	=	480	mg/L
Mid-Kings River GSA	1610003-039	C	TOTAL DISSOLVED SOLIDS	480	12/14/2015	=	480	mg/L
Mid-Kings River GSA	1610003-039	C	TOTAL DISSOLVED SOLIDS	480	5/9/2019	=	460	mg/L
Mid-Kings River GSA	1610003-039	C	TOTAL DISSOLVED SOLIDS	480	5/17/2022	=	440	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	7/26/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	8/19/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	3/10/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	3/8/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	5/9/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	4/2/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	4/16/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	4/12/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	5/17/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	7/11/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	NITRATE AS N	0.5	6/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	8/19/2011	=	8.9	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	7/25/2012	=	9.3	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	12/14/2015	=	8.4	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	5/9/2019	=	9.6	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	5/17/2022	=	10	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	7/11/2023	=	8.8	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	10/26/2023	=	9	µg/L

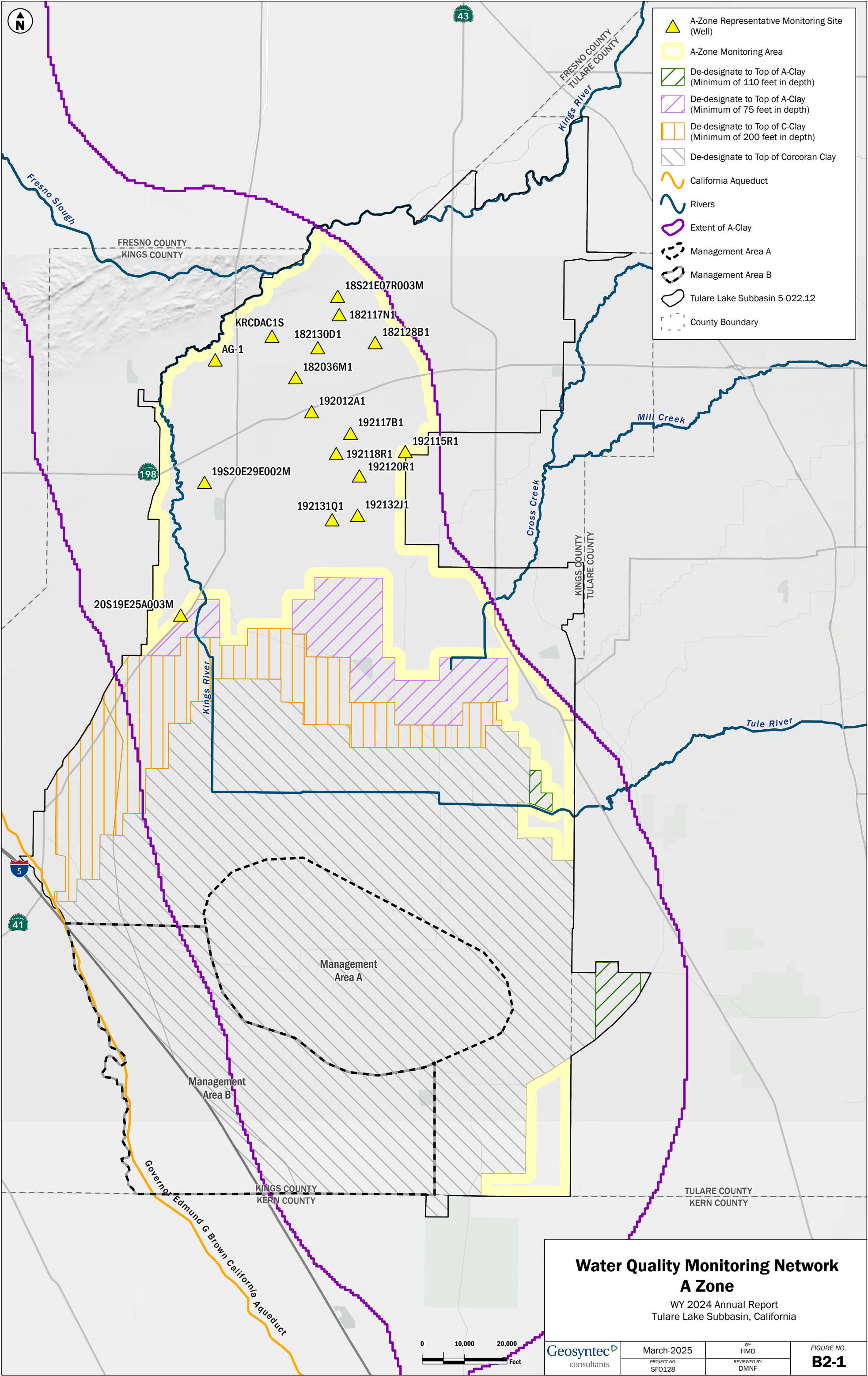
Appendix D
Table D-1: Water Quality Data
WY 2024 Annual Report
Tulare Lake Subbasin, CA

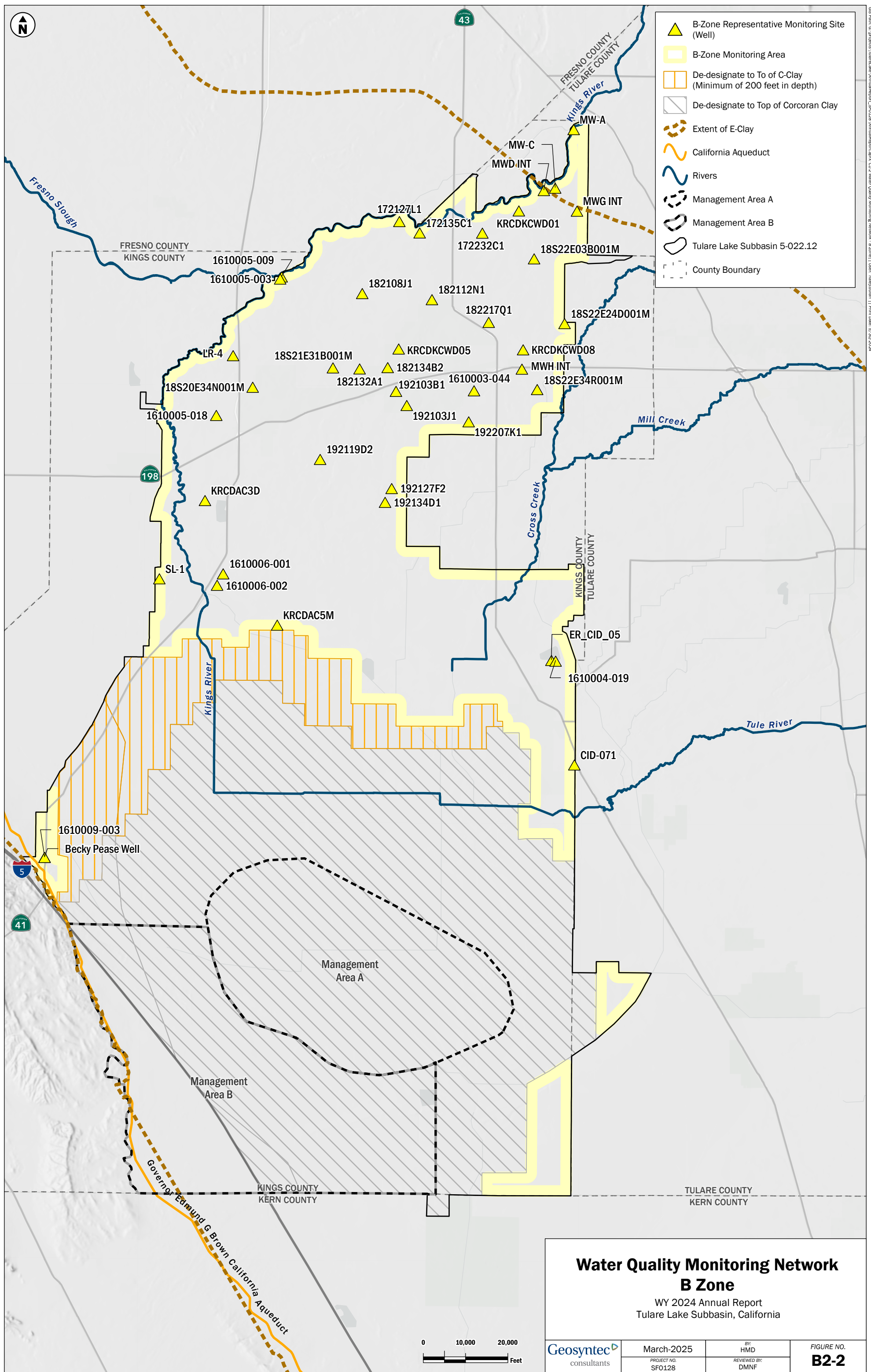
GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	1/24/2024	=	9.2	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	3/20/2024	=	9.1	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	6/21/2024	=	9.3	µg/L
Mid-Kings River GSA	1610003-039	C	ARSENIC	9.6	9/24/2024	=	9.7	µg/L
Mid-Kings River GSA	1610003-039	C	SULFATE	0.5	8/19/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	SULFATE	0.5	5/9/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	SULFATE	0.5	5/17/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-039	C	CHLORIDE	220	8/19/2011	=	220	mg/L
Mid-Kings River GSA	1610003-039	C	CHLORIDE	220	7/25/2012	=	210	mg/L
Mid-Kings River GSA	1610003-039	C	CHLORIDE	220	12/14/2015	=	210	mg/L
Mid-Kings River GSA	1610003-039	C	CHLORIDE	220	5/9/2019	=	220	mg/L
Mid-Kings River GSA	1610003-039	C	CHLORIDE	220	5/17/2022	=	200	mg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/27/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/26/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/30/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	9/10/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	5/14/2020	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/16/2020	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/15/2020	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-039	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/26/2023	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	TOTAL DISSOLVED SOLIDS	600	7/25/2012	=	580	mg/L
Mid-Kings River GSA	1610003-041	C	TOTAL DISSOLVED SOLIDS	600	12/14/2015	=	600	mg/L
Mid-Kings River GSA	1610003-041	C	TOTAL DISSOLVED SOLIDS	600	12/20/2018	=	590	mg/L
Mid-Kings River GSA	1610003-041	C	TOTAL DISSOLVED SOLIDS	600	12/10/2021	=	590	mg/L
Mid-Kings River GSA	1610003-041	C	TOTAL DISSOLVED SOLIDS	600	12/5/2024	=	610	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	7/26/2010	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	8/16/2011	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	9/17/2013	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	3/10/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	3/9/2016	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	4/19/2017	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	5/1/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	12/11/2019	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	11/19/2020	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	11/18/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	12/10/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	11/29/2022	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	6/13/2023	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	6/6/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	NITRATE AS N	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	ARSENIC	2.3	2/9/2010	=	2.3	µg/L
Mid-Kings River GSA	1610003-041	C	ARSENIC	2.3	7/25/2012	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	ARSENIC	2.3	12/14/2015	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	ARSENIC	2.3	12/20/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	ARSENIC	2.3	12/10/2021	=	2.5	µg/L
Mid-Kings River GSA	1610003-041	C	ARSENIC	2.3	12/5/2024	<	Not Detected	µg/L

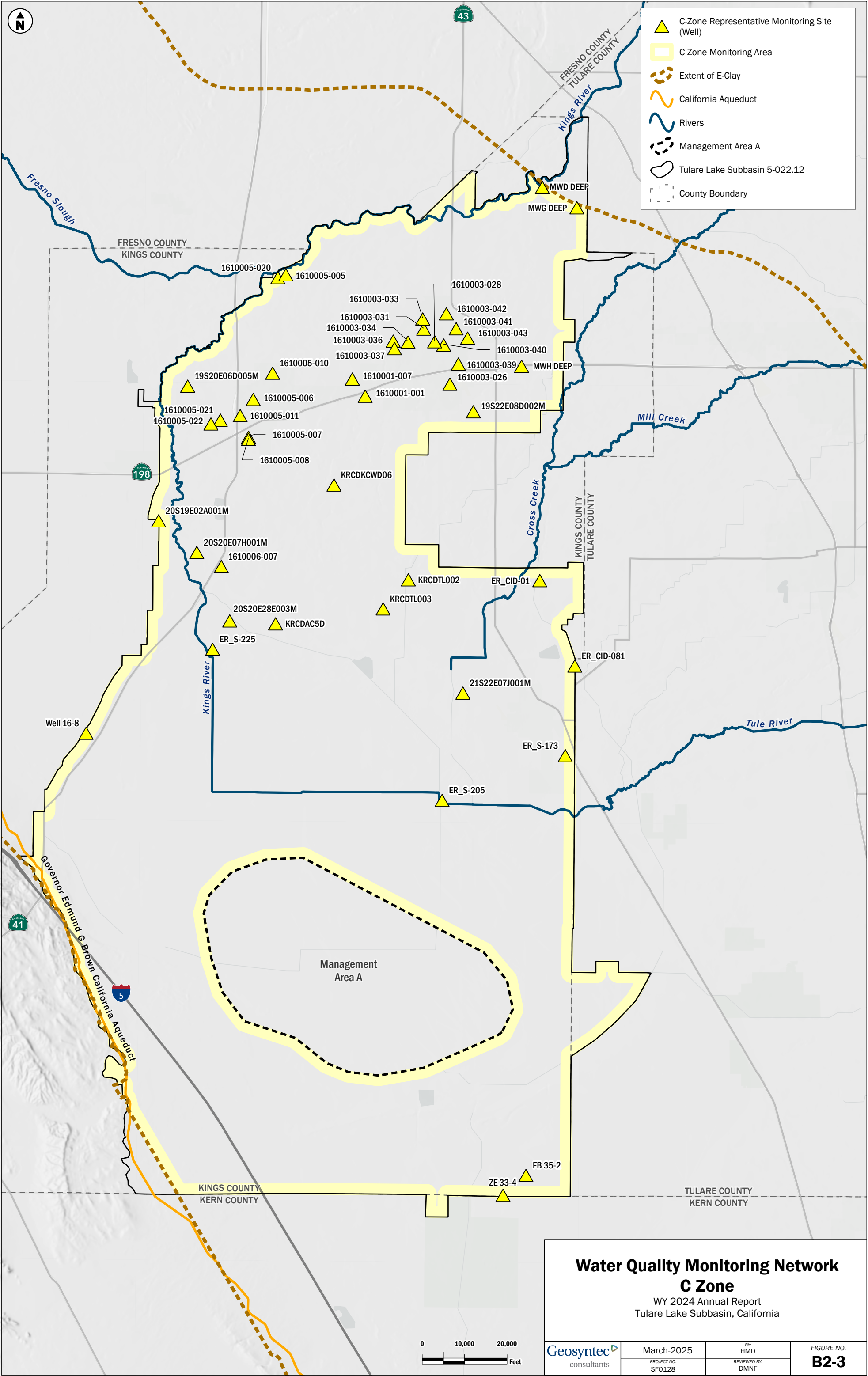
Appendix D
Table D-1: Water Quality Data
WY 2024 Annual Report
Tulare Lake Subbasin, CA

GSA Name	Well Name	Aquifer Zone	Chemical Name	Minimum Threshold	Measurement Date	Result Modifier	Result	Units
Mid-Kings River GSA	1610003-041	C	SULFATE	0.5	7/25/2012	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	SULFATE	0.5	12/14/2015	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	SULFATE	0.5	12/20/2018	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	SULFATE	0.5	12/10/2021	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	SULFATE	0.5	12/5/2024	<	Not Detected	mg/L
Mid-Kings River GSA	1610003-041	C	CHLORIDE	220	7/25/2012	=	210	mg/L
Mid-Kings River GSA	1610003-041	C	CHLORIDE	220	12/14/2015	=	220	mg/L
Mid-Kings River GSA	1610003-041	C	CHLORIDE	220	12/20/2018	=	220	mg/L
Mid-Kings River GSA	1610003-041	C	CHLORIDE	220	12/10/2021	=	220	mg/L
Mid-Kings River GSA	1610003-041	C	CHLORIDE	220	12/5/2024	=	230	mg/L
Mid-Kings River GSA	1610003-041	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/14/2017	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	4/25/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	7/24/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	10/23/2018	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/12/2019	<	Not Detected	µg/L
Mid-Kings River GSA	1610003-041	C	1,2,3-TRICHLOROPROPANE (1,2,3 TCP)	2	2/16/2022	<	Not Detected	µg/L

Appendix D2
Groundwater Quality
Monitoring Network Maps

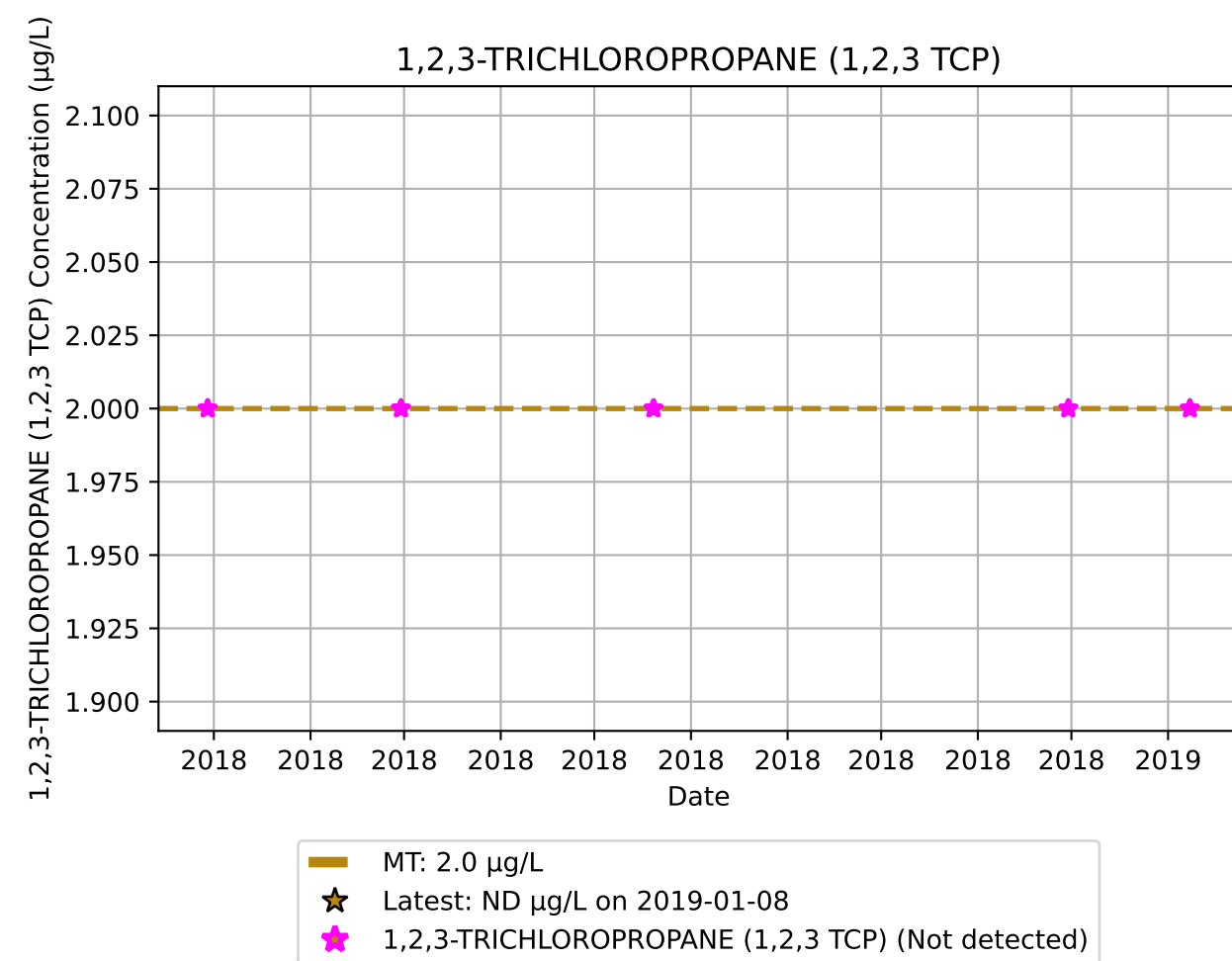
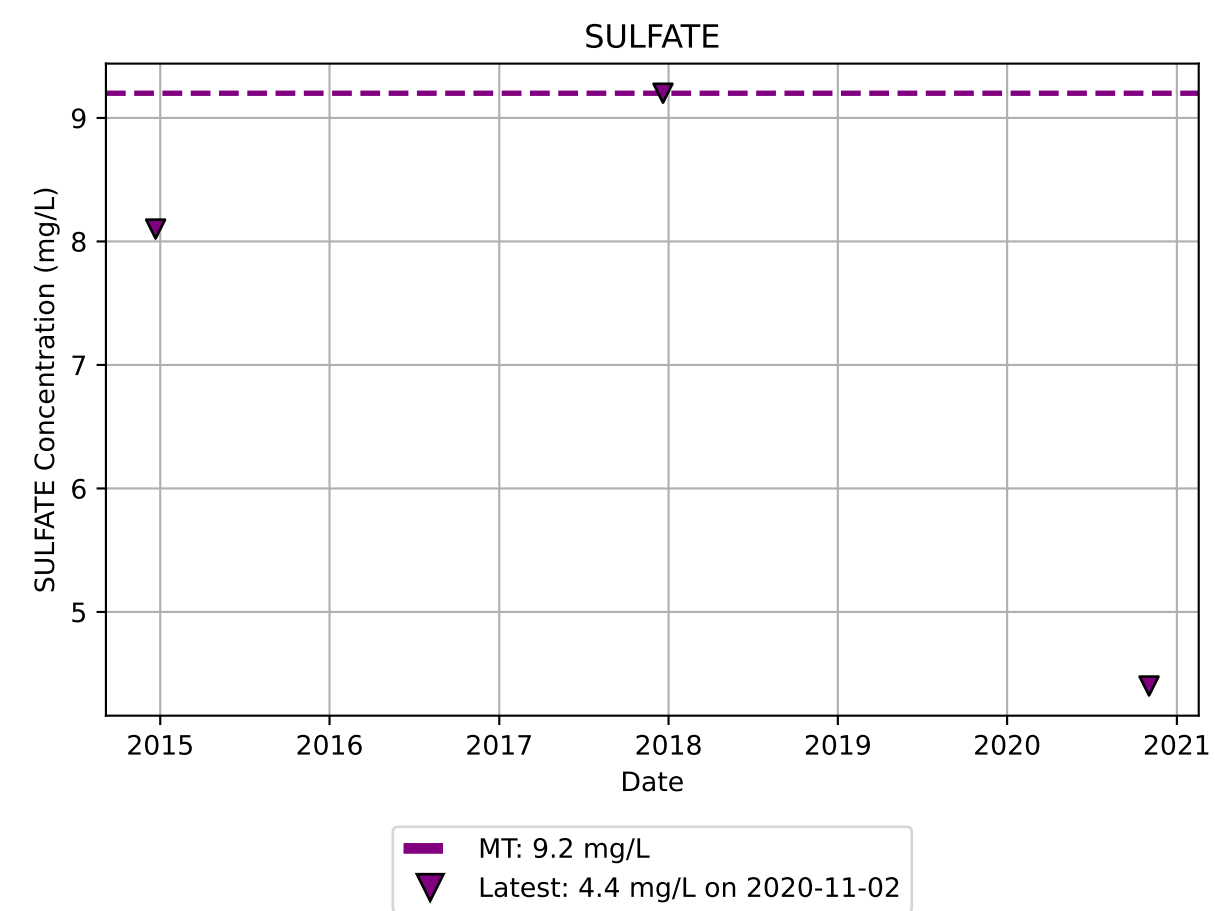
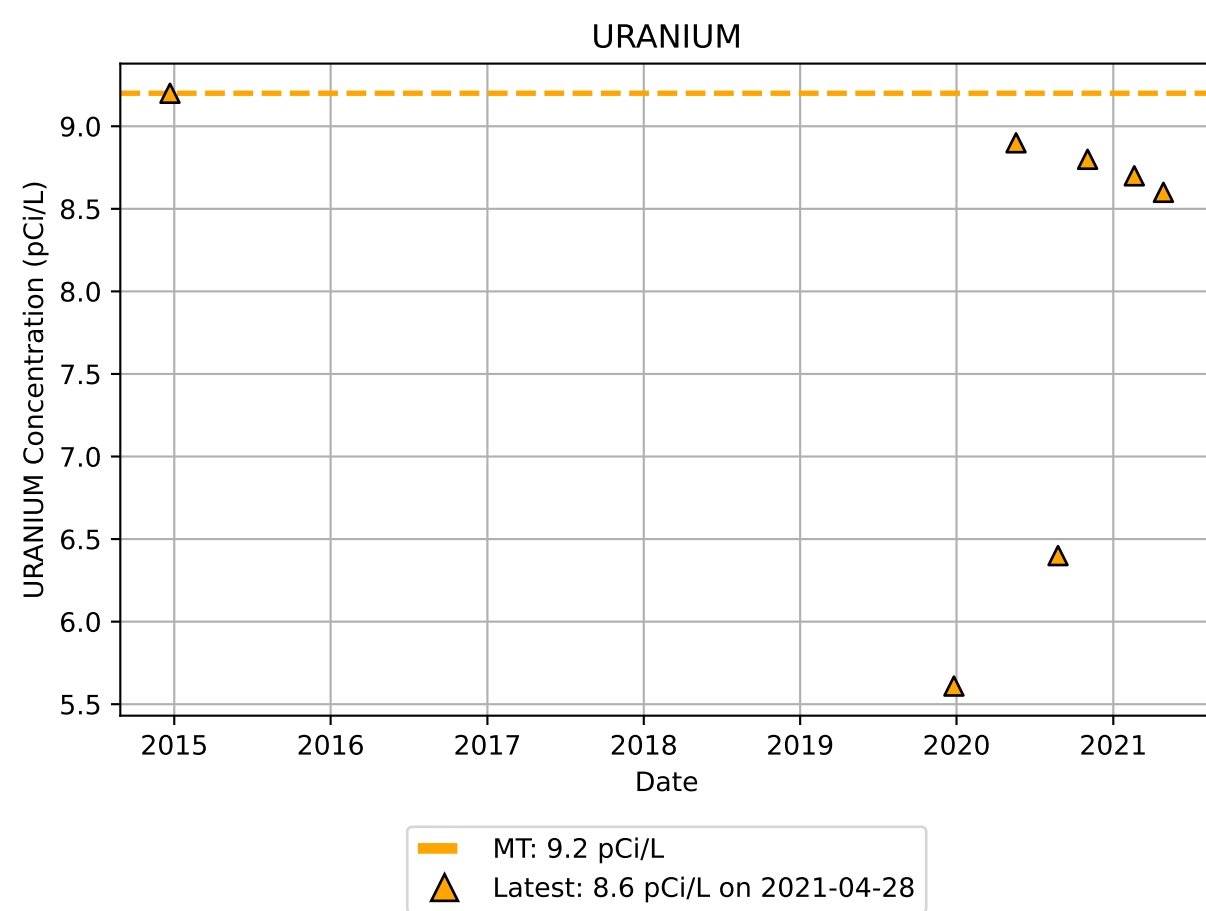
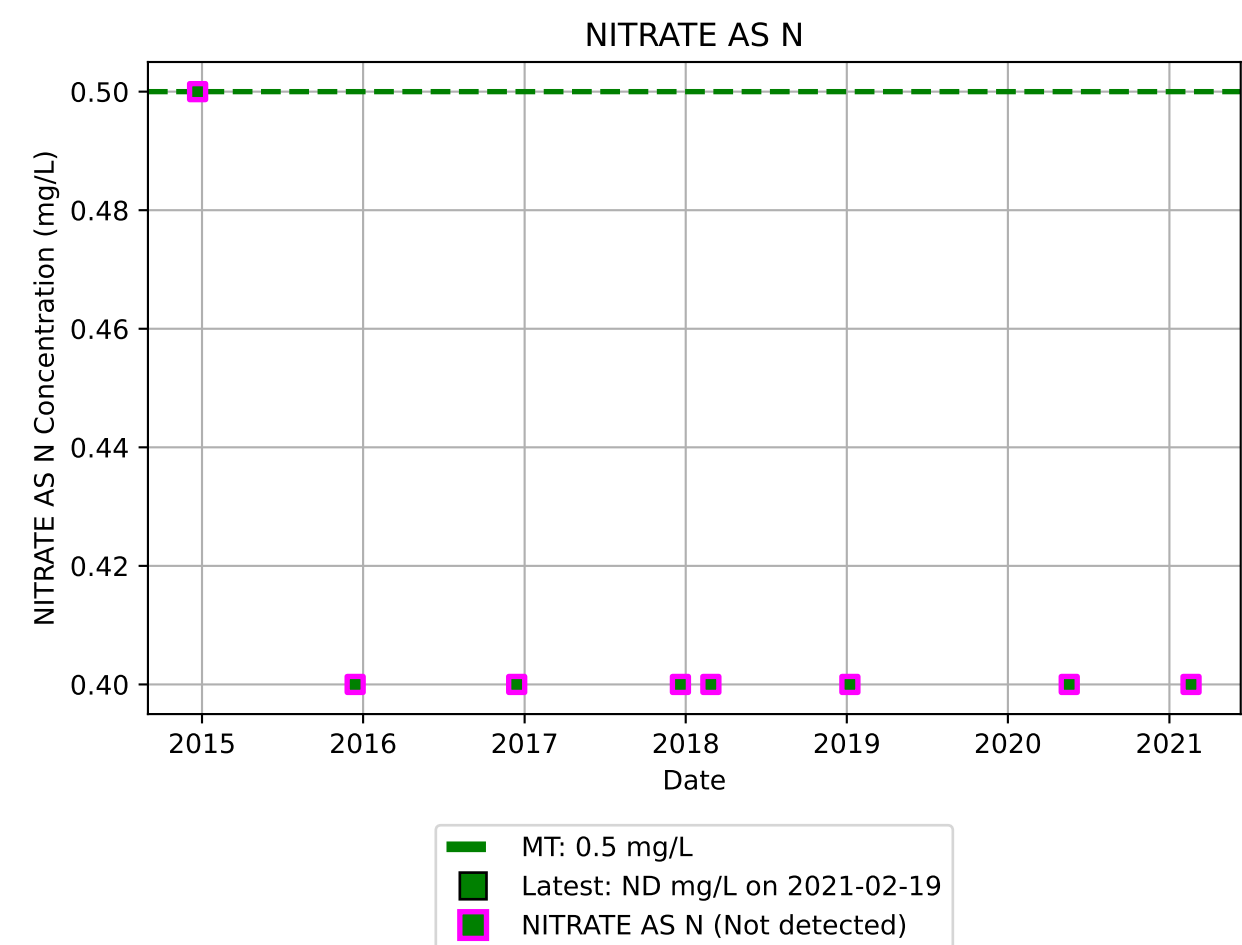
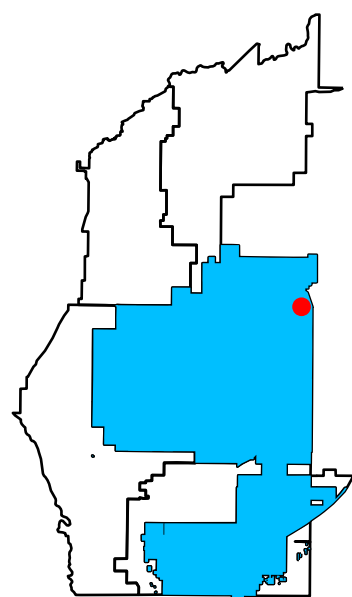






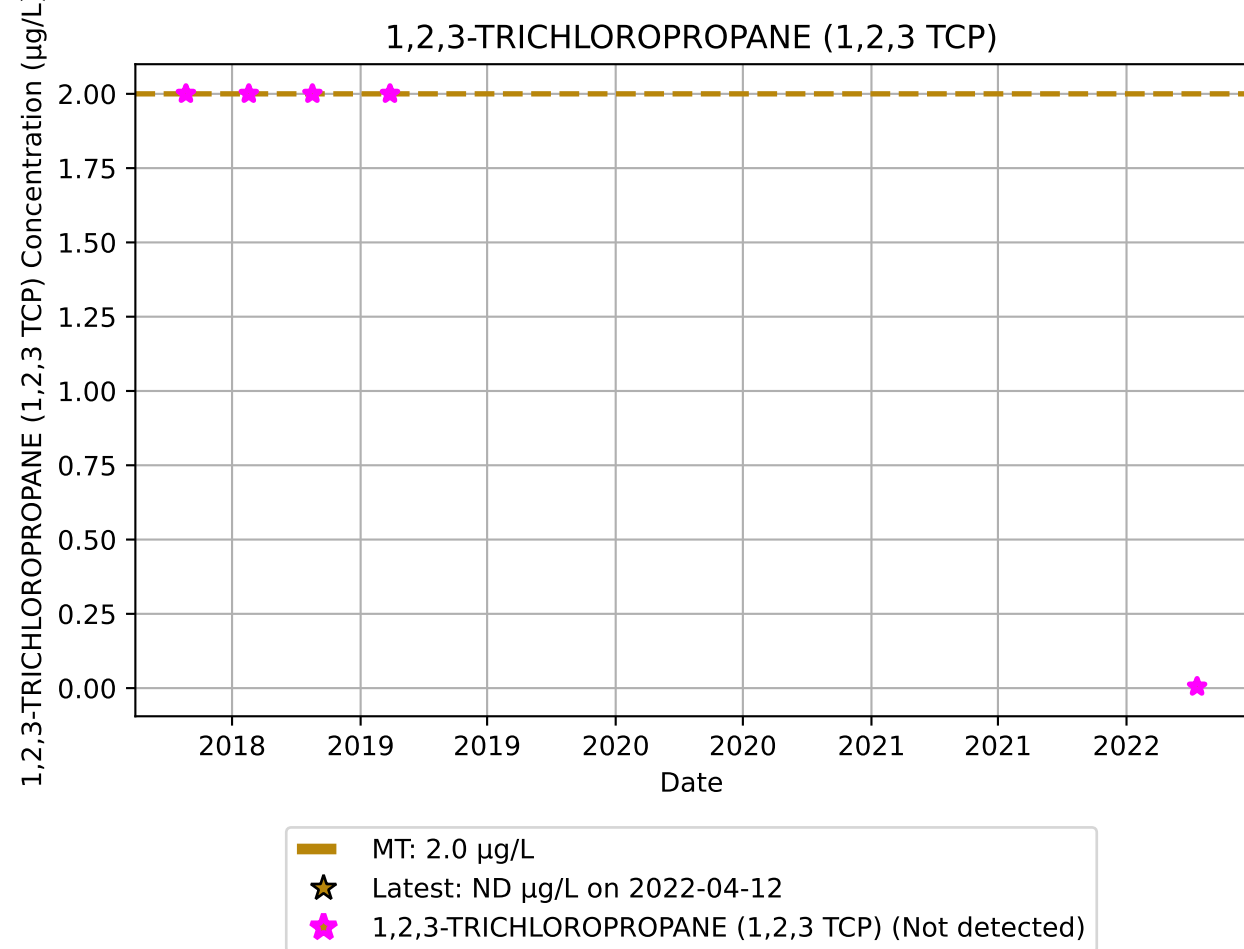
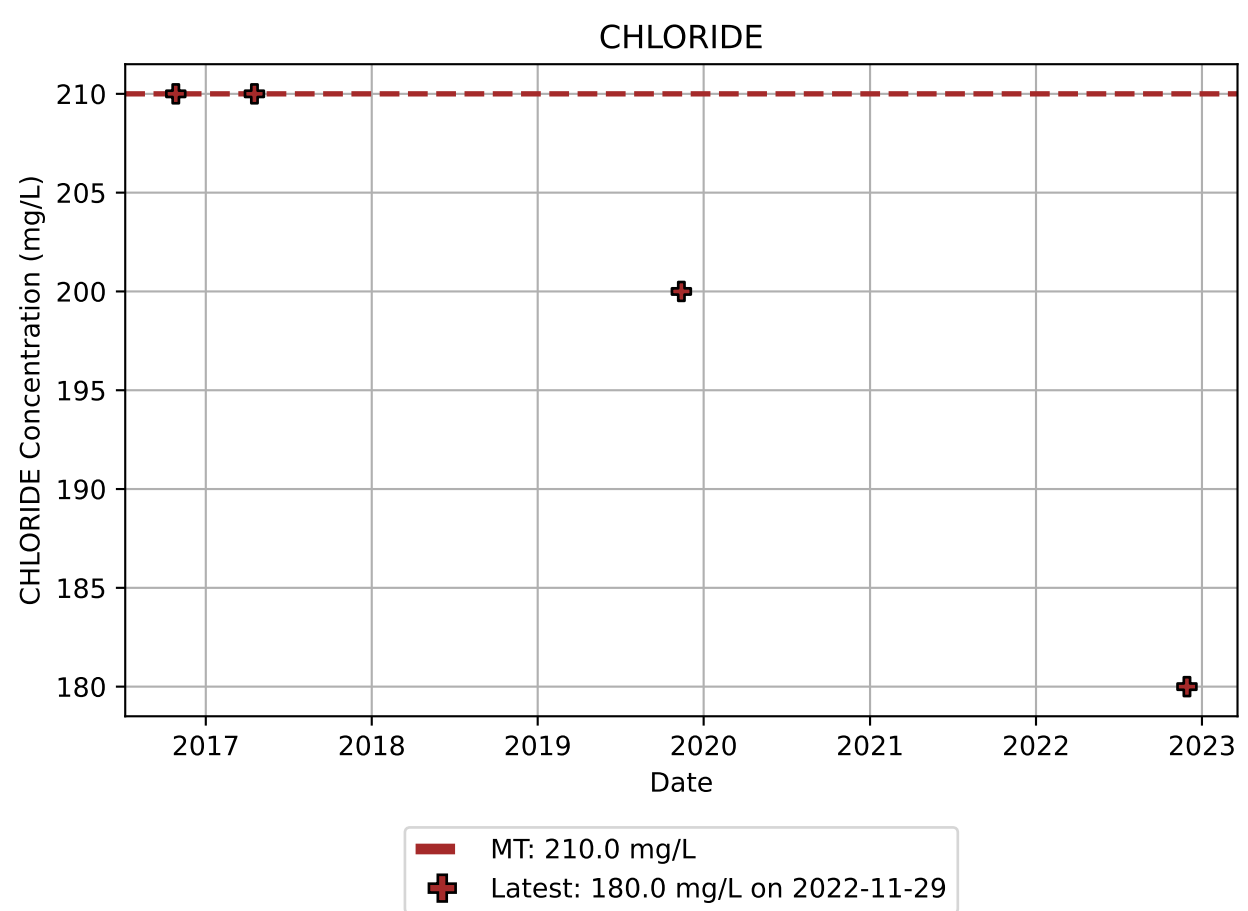
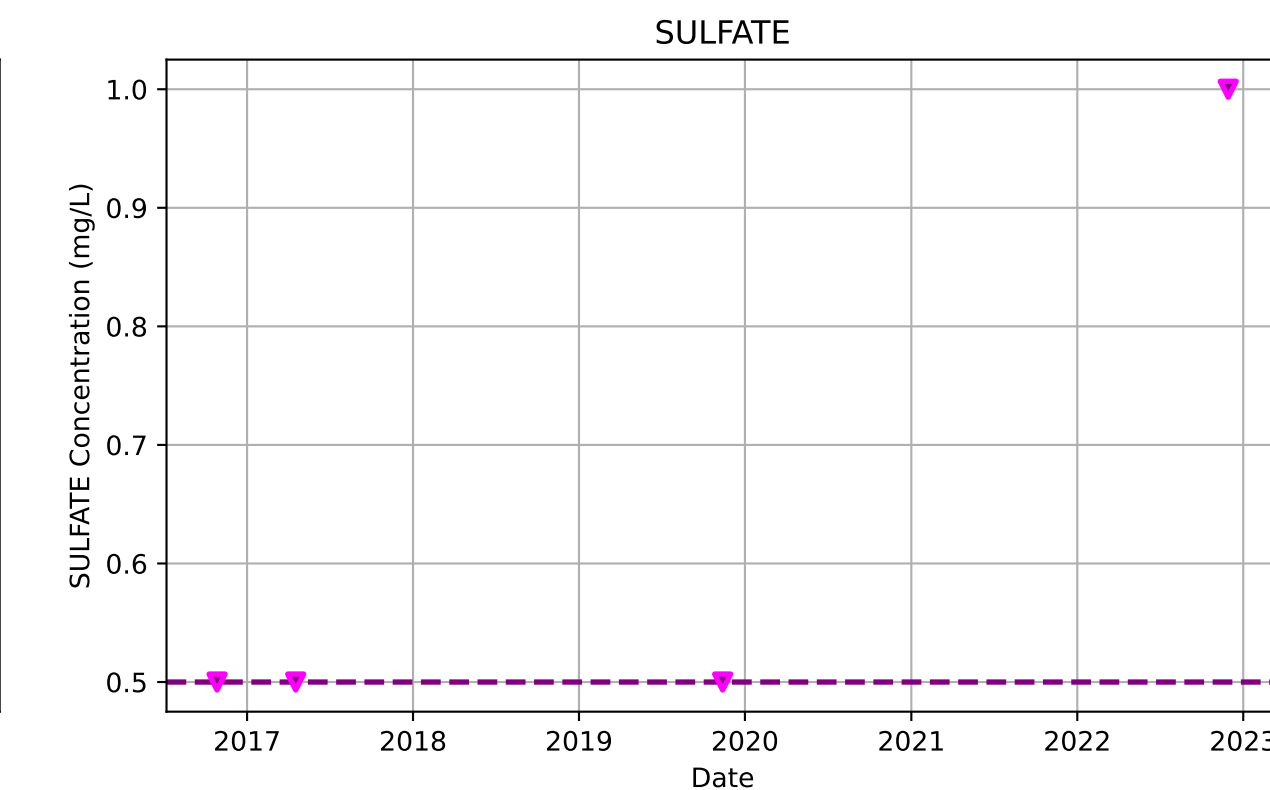
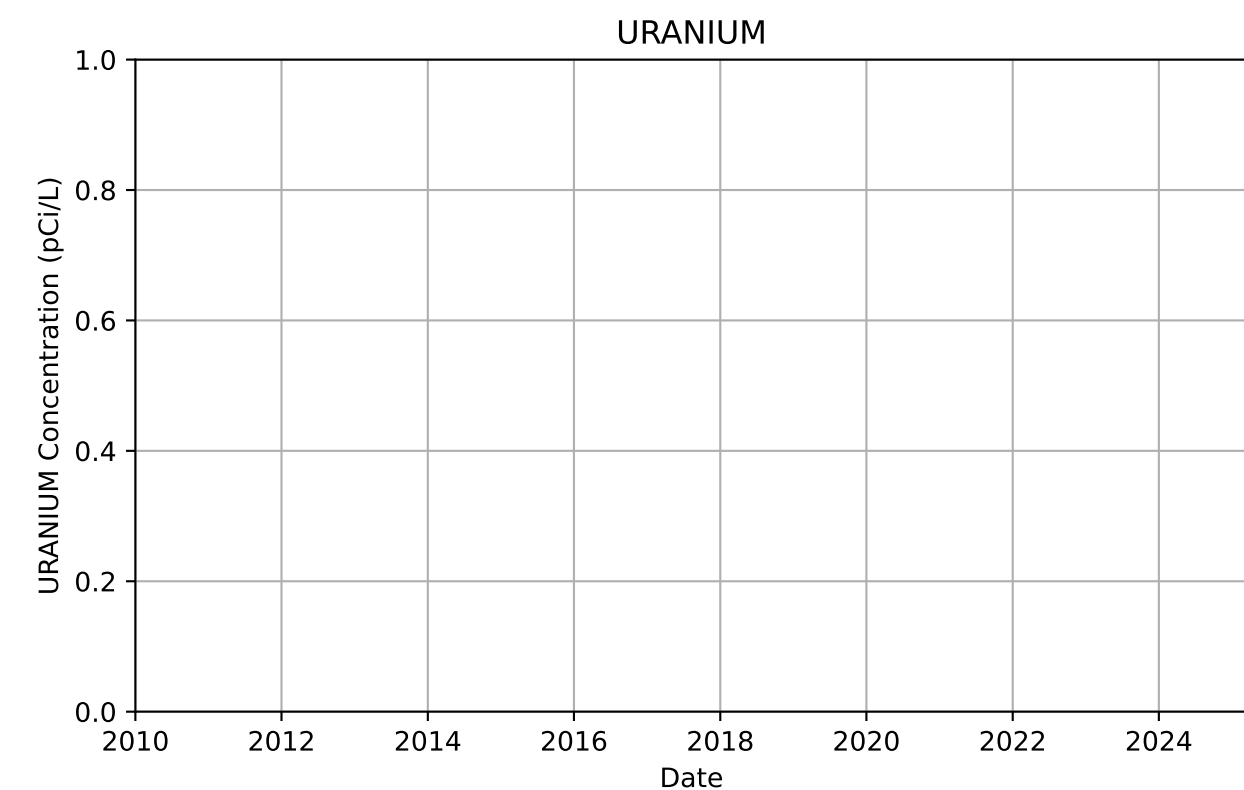
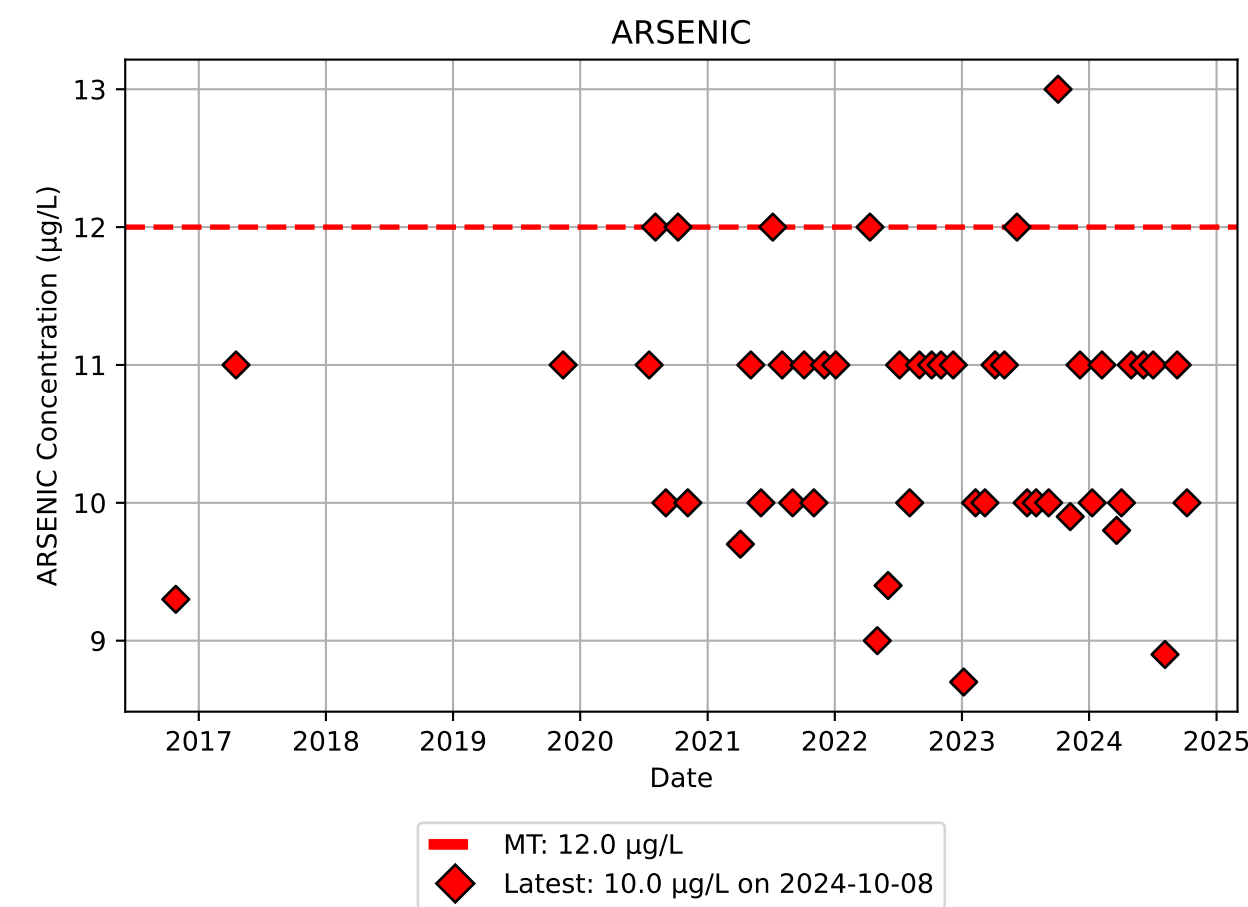
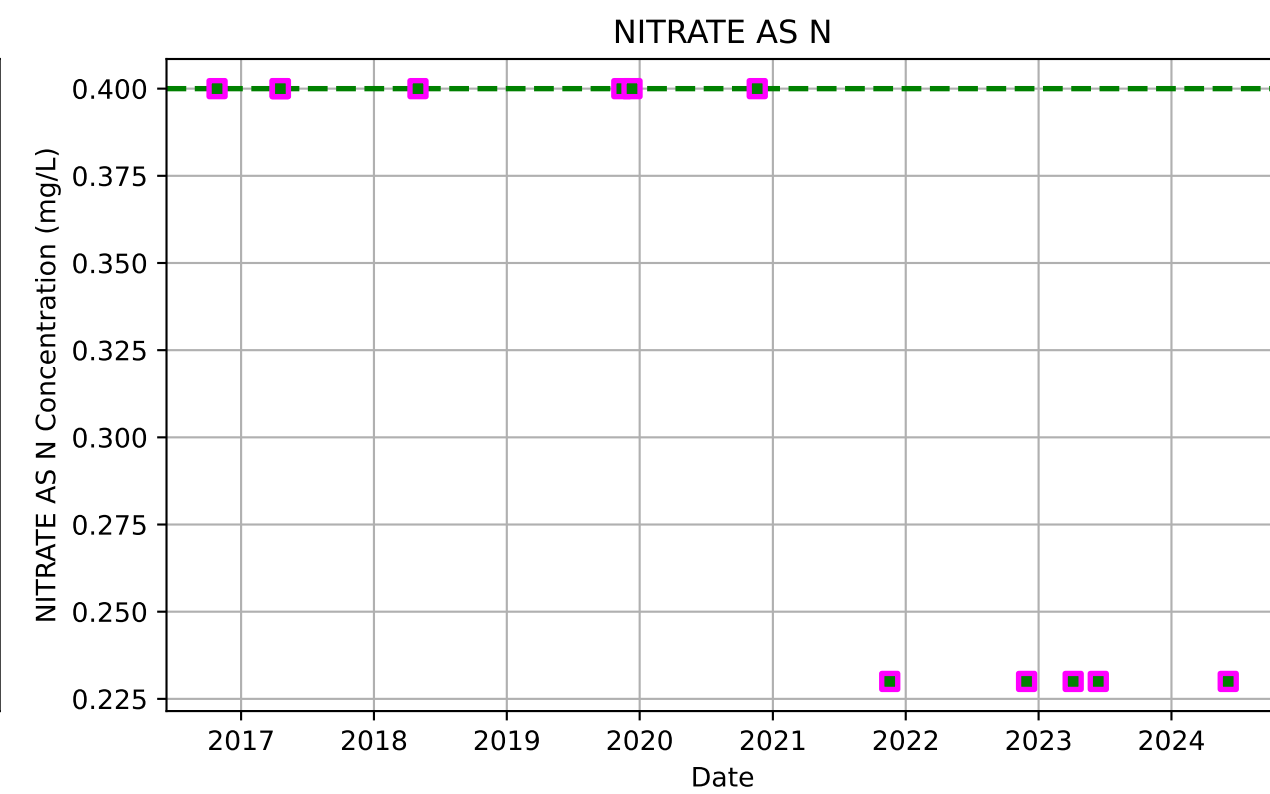
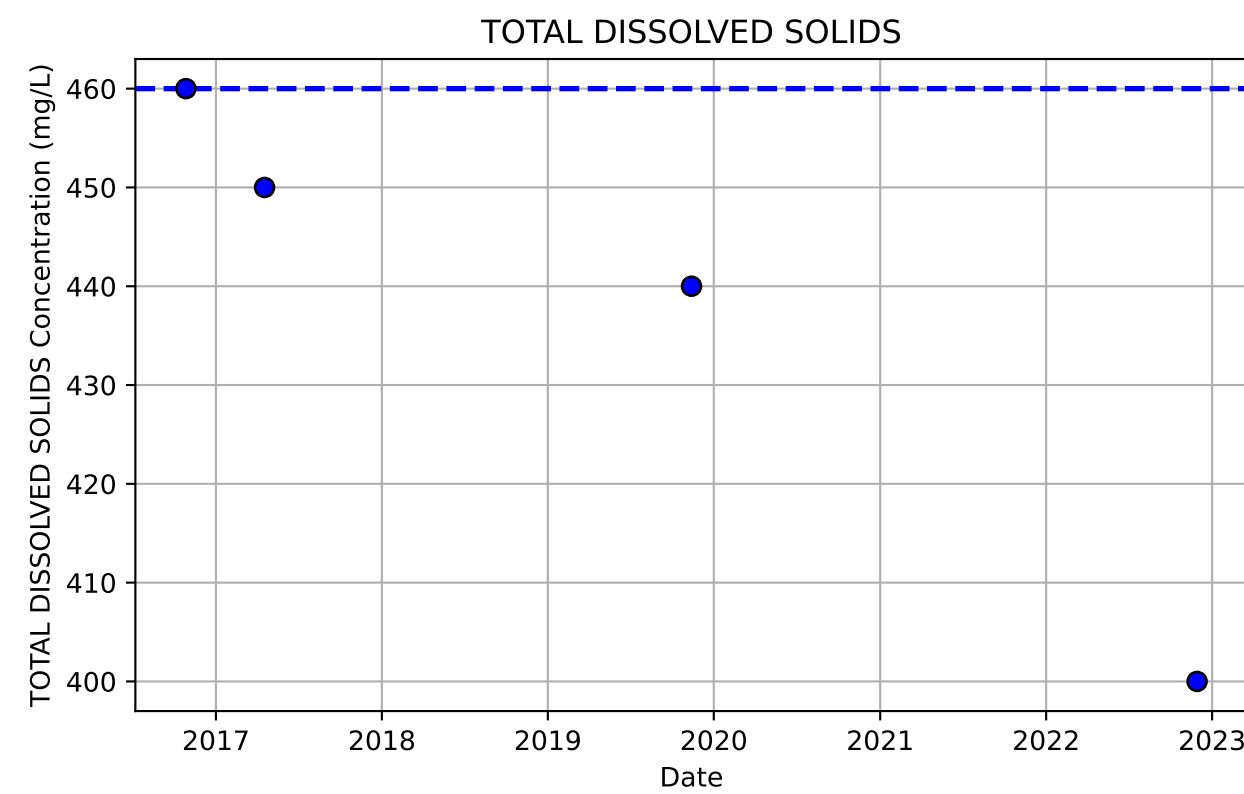
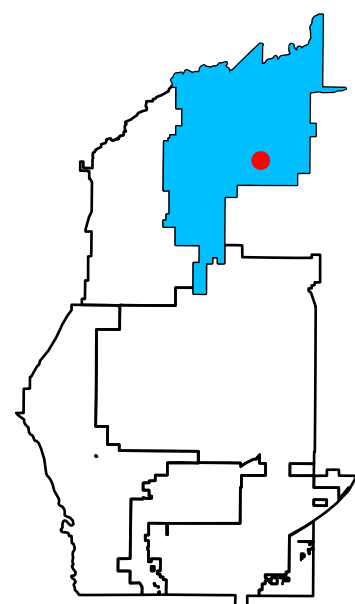
Appendix D3
Groundwater Quality
Time-Concentration Graphs

RMS well location
in El Rico GSA



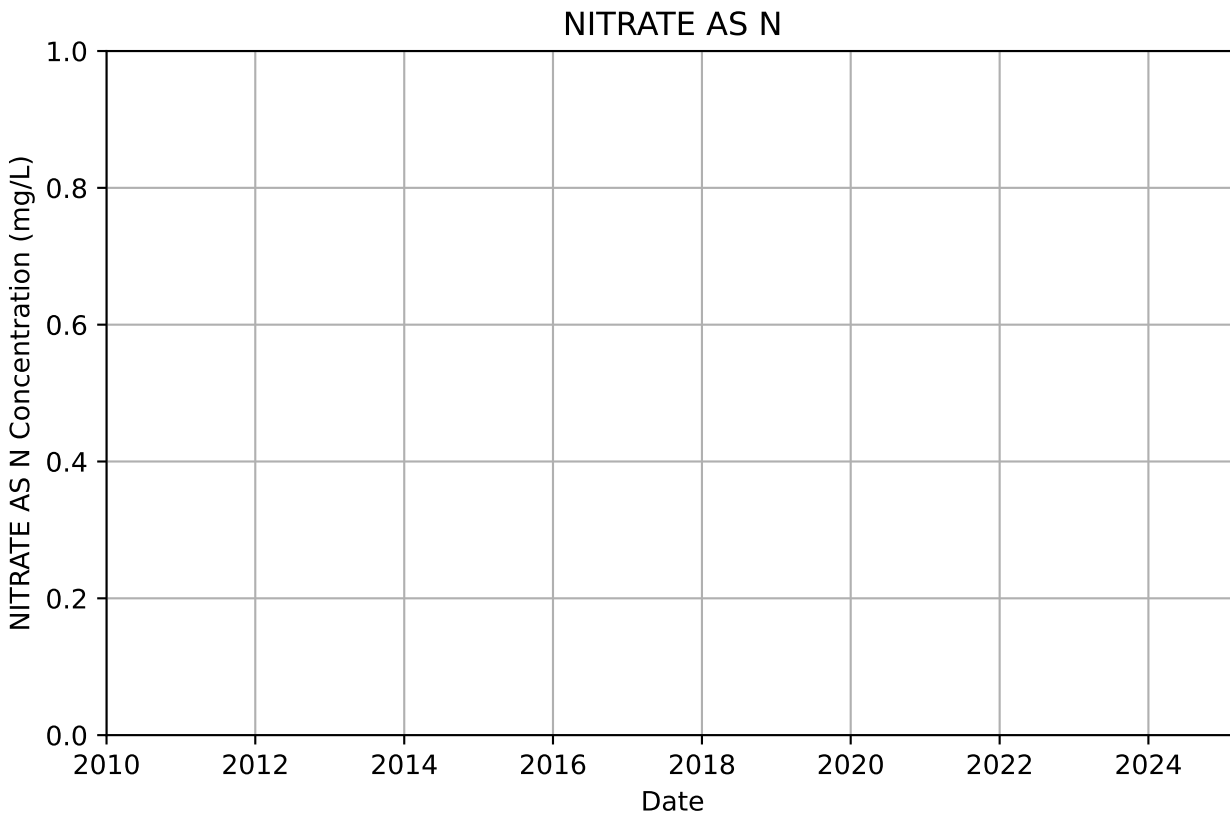
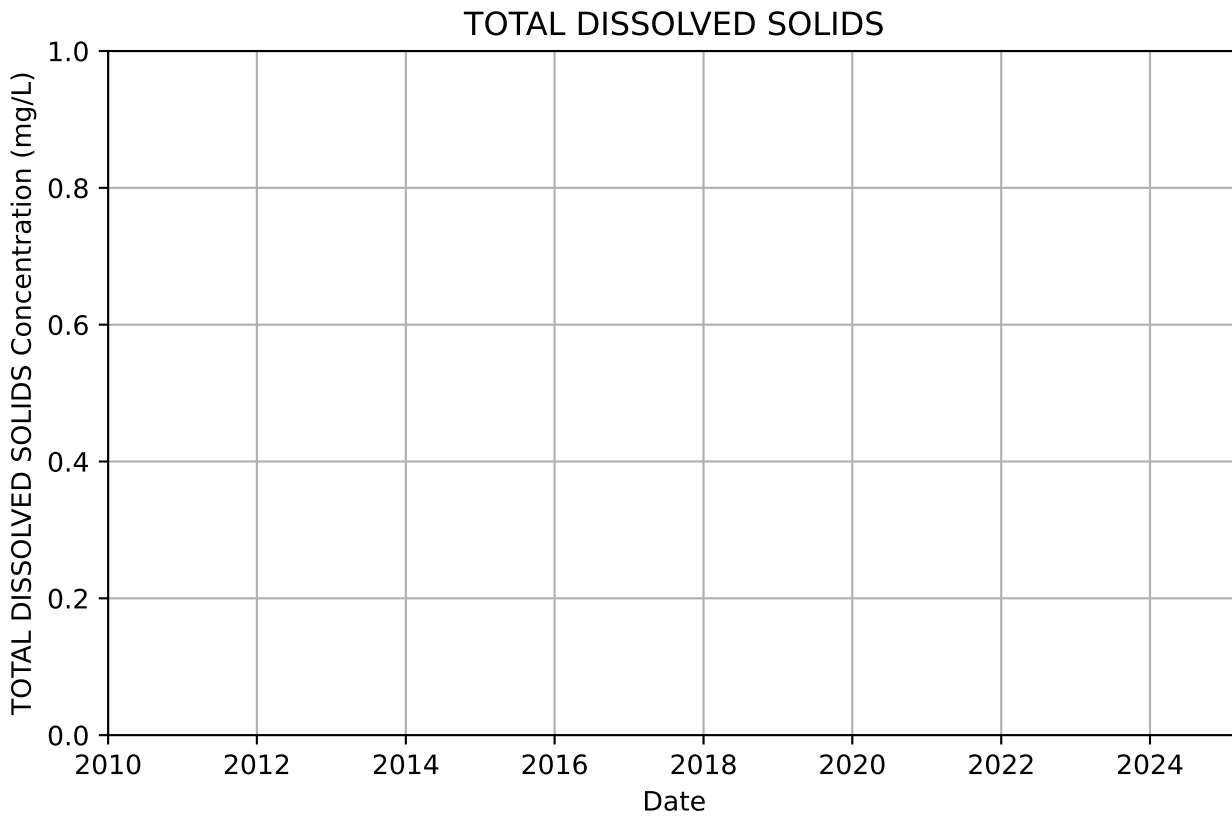
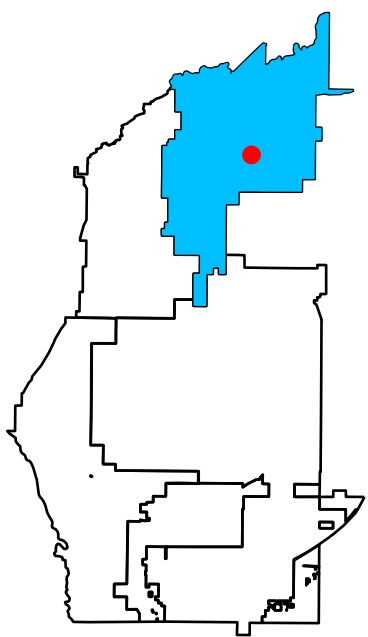
Water Quality RMS Well 1610003-044
Mid-Kings River GSA
Screened in the B-Zone aquifer

RMS well location
in Mid-Kings River GSA



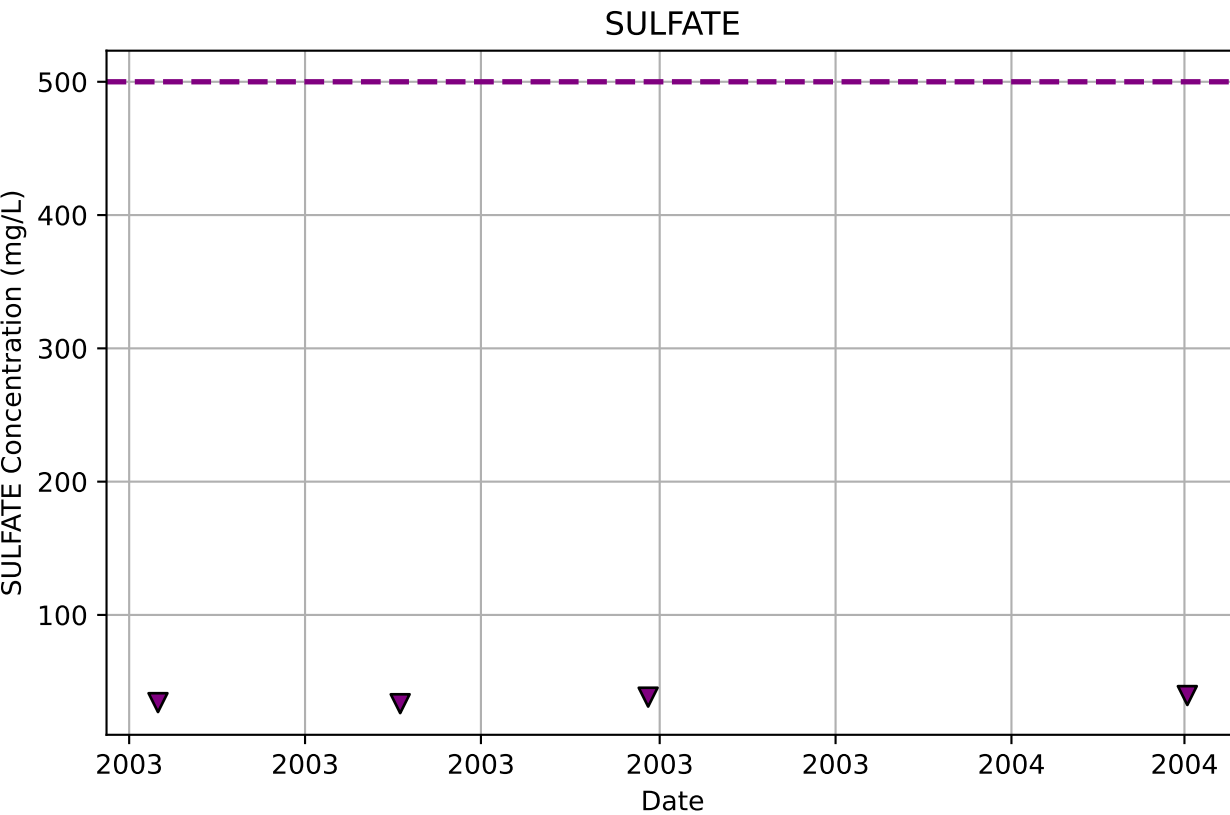
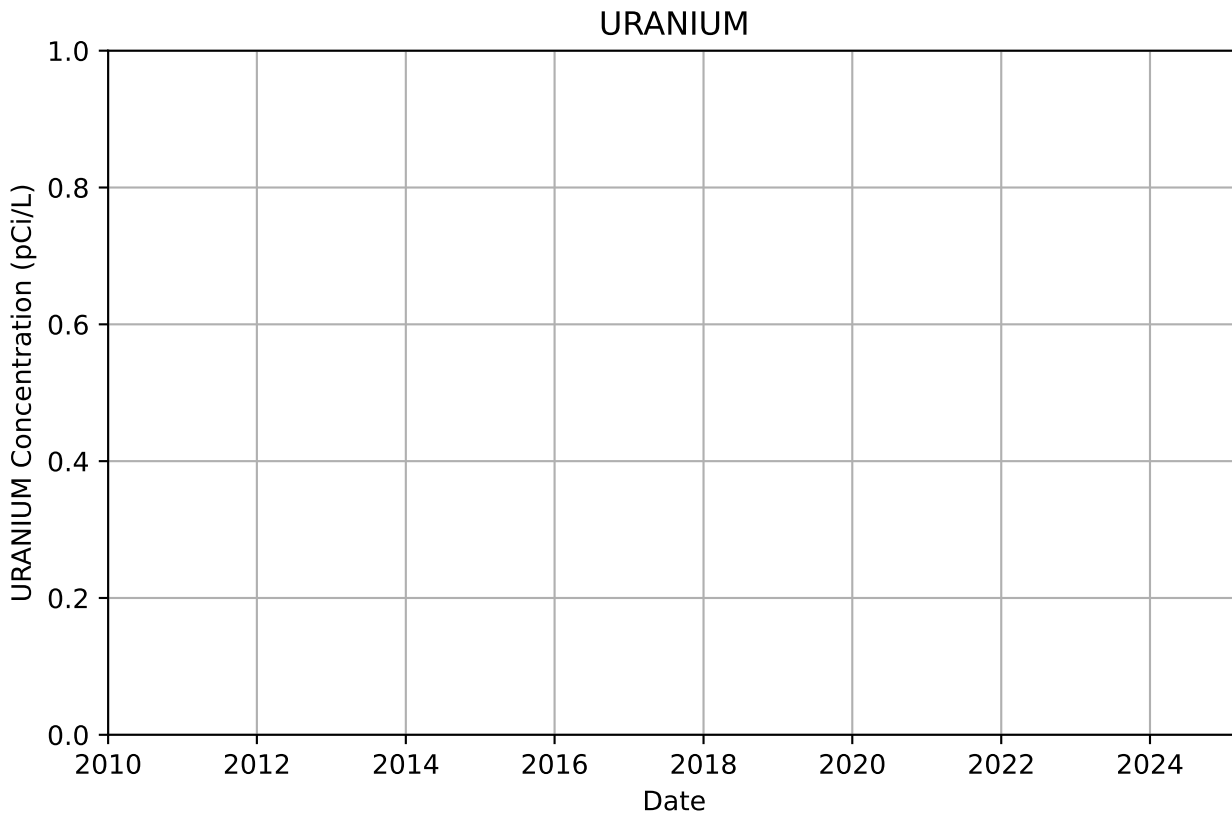
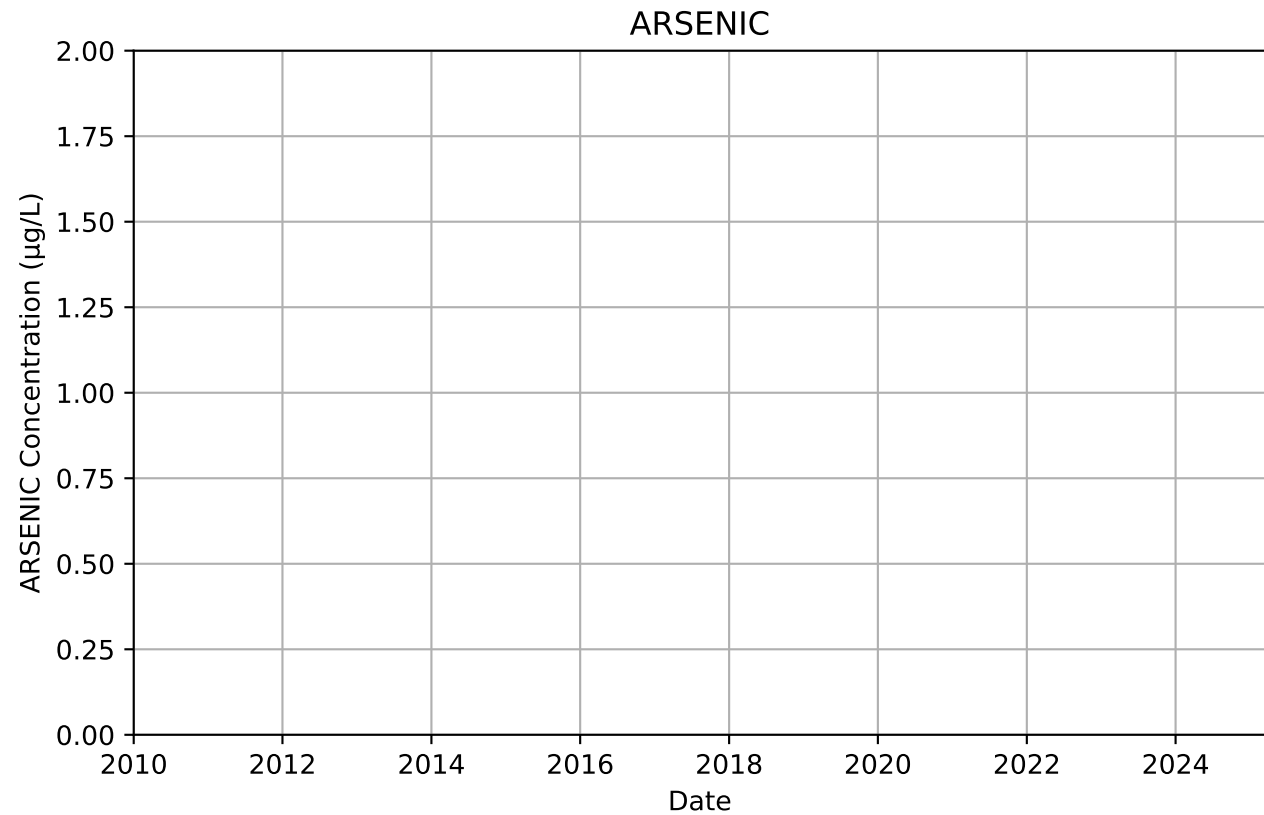
Water Quality RMS Well MW-A
Mid-Kings River GSA
Screened in the B-Zone aquifer

RMS well location
in Mid-Kings River GSA



MT: Pending Data
No data available

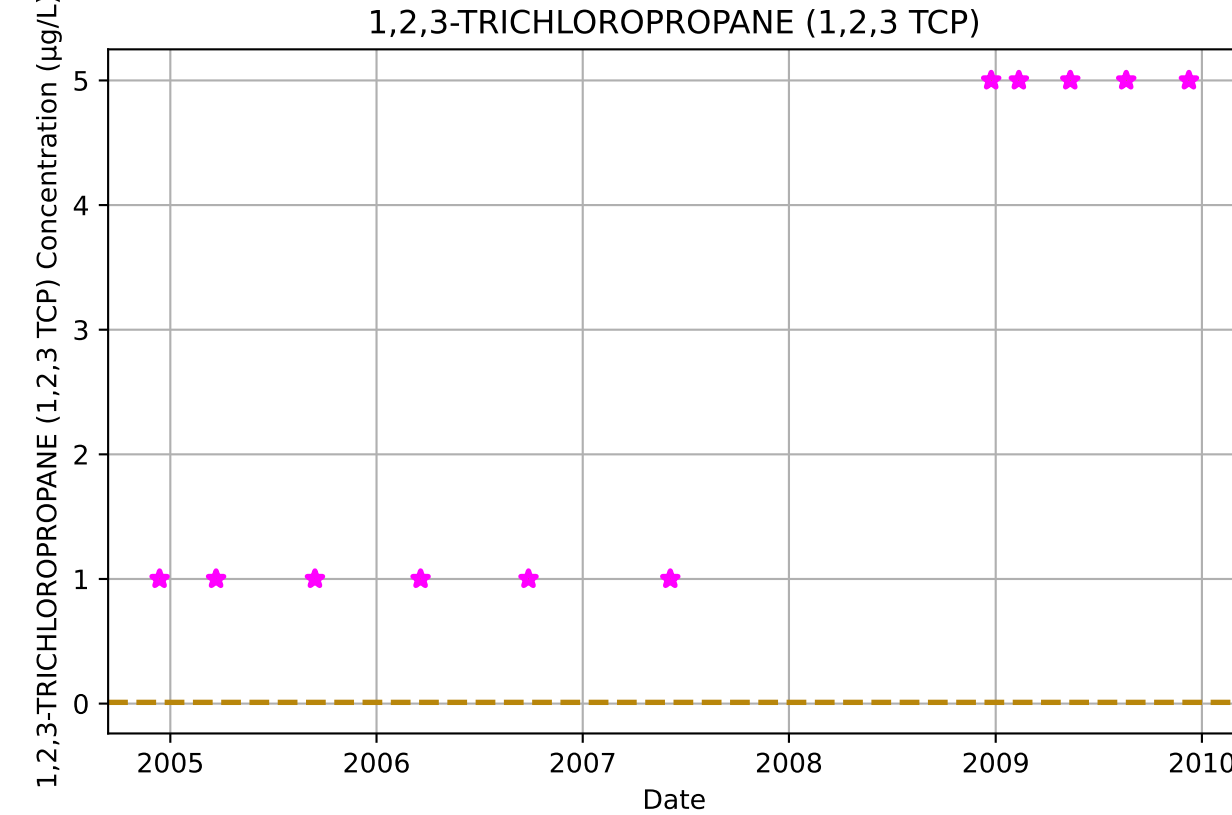
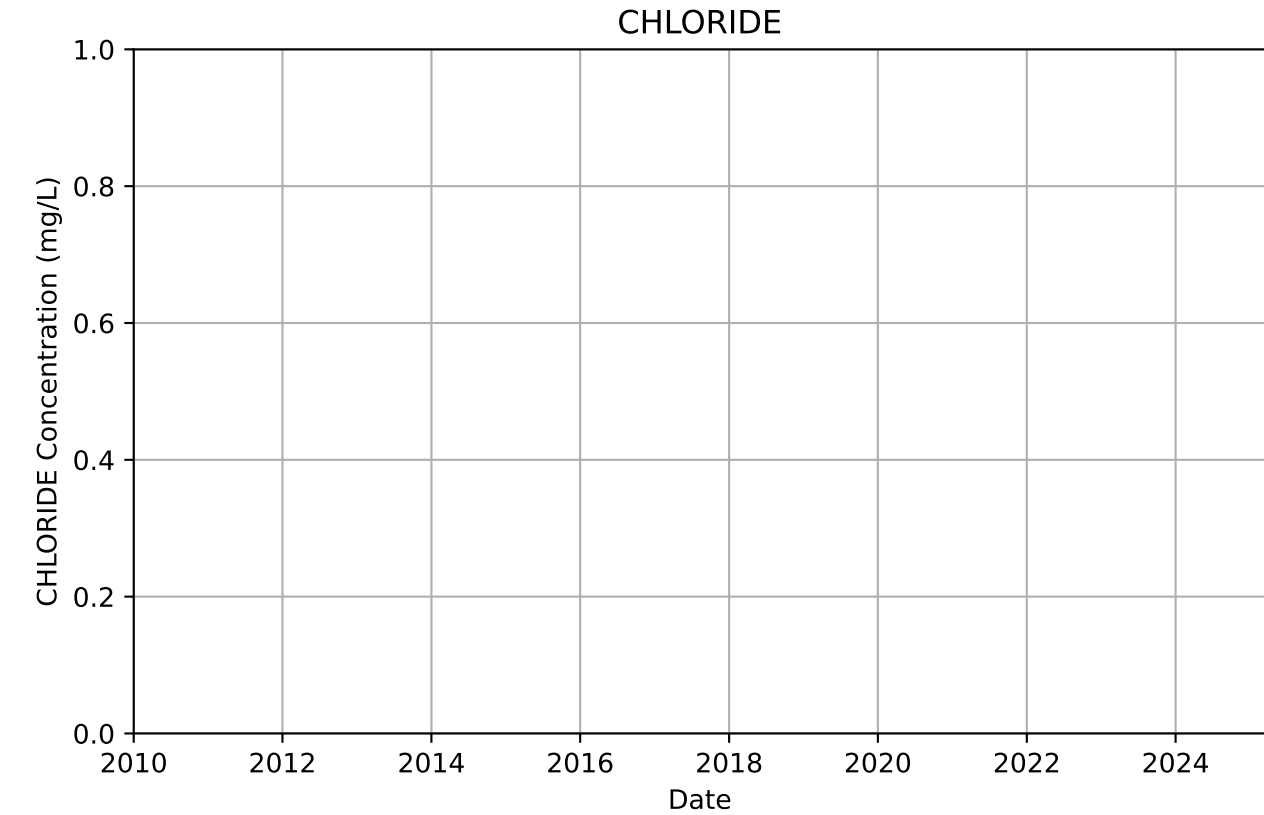
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MT: Pending Data
No data available

MT: Pending Data
No data available

MT: 500 mg/L
Latest: 39.5 mg/L on 2004-03-02

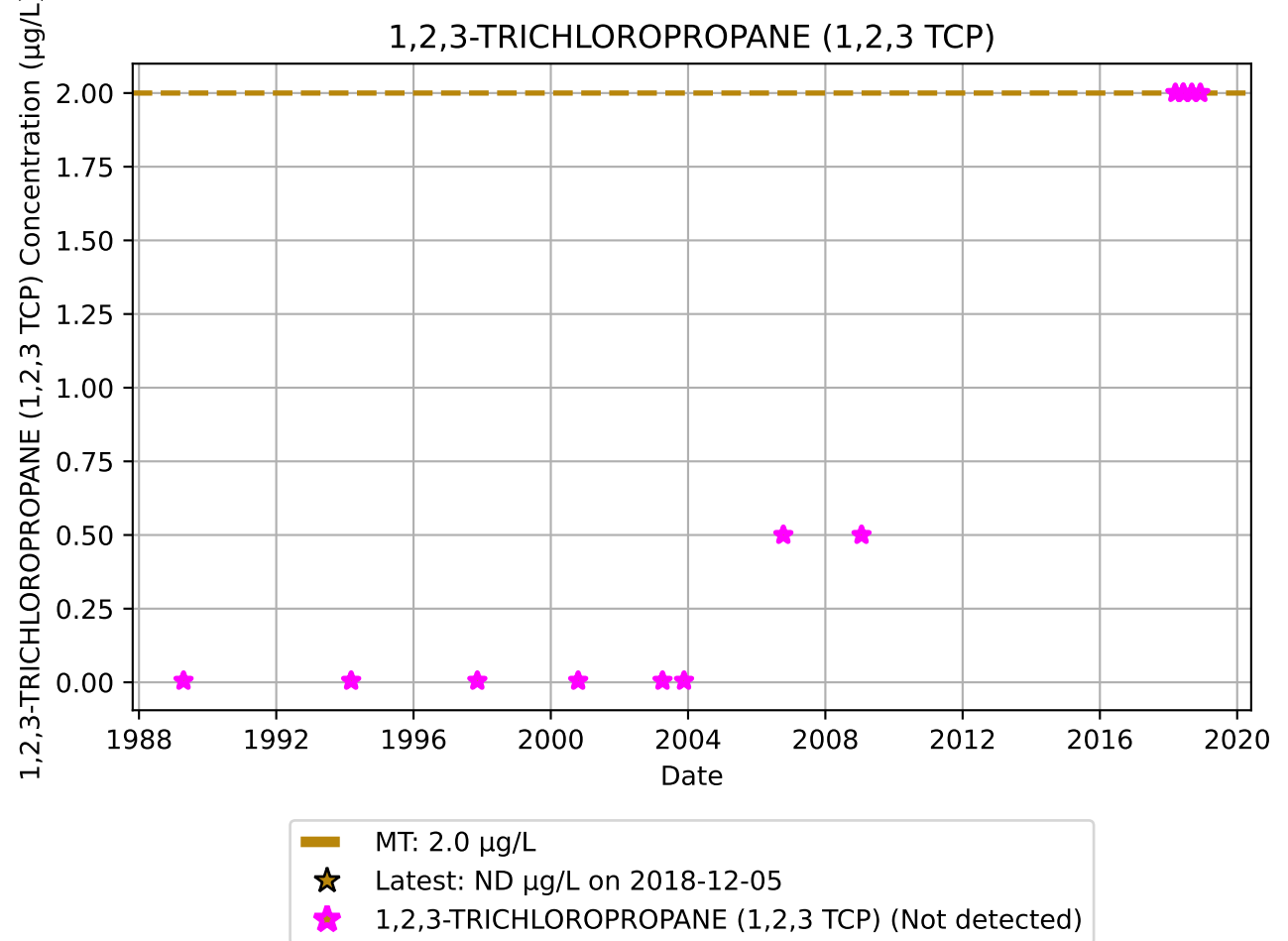
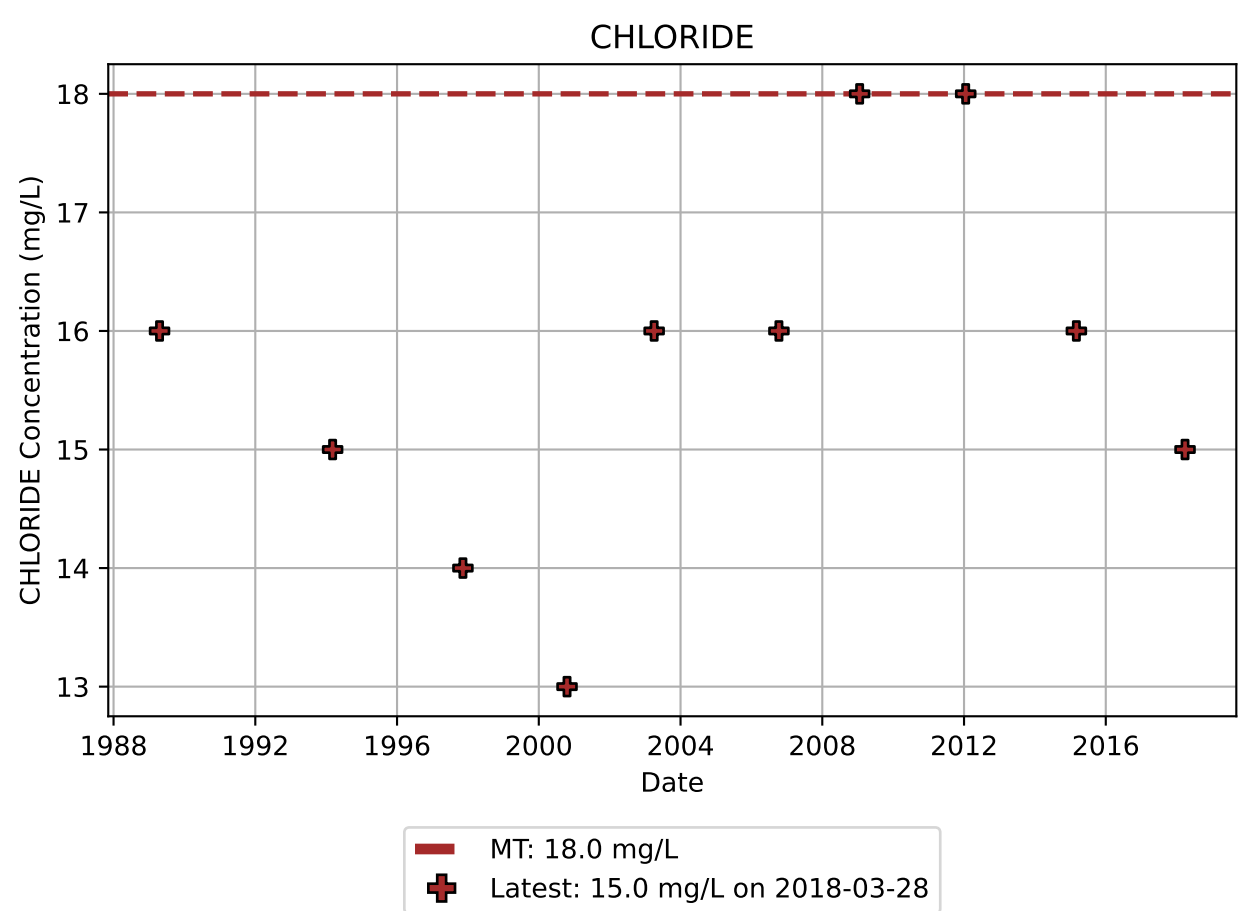
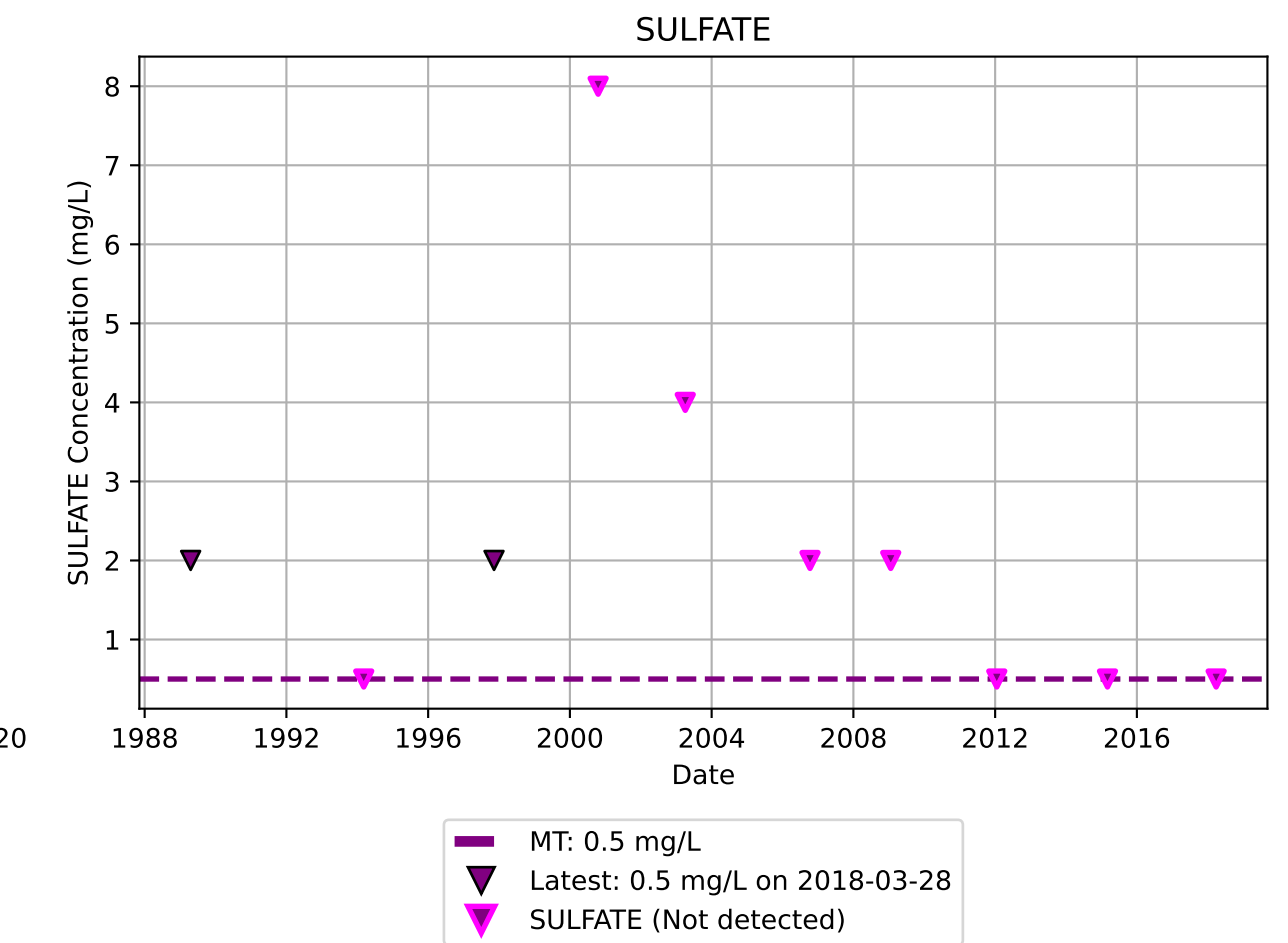
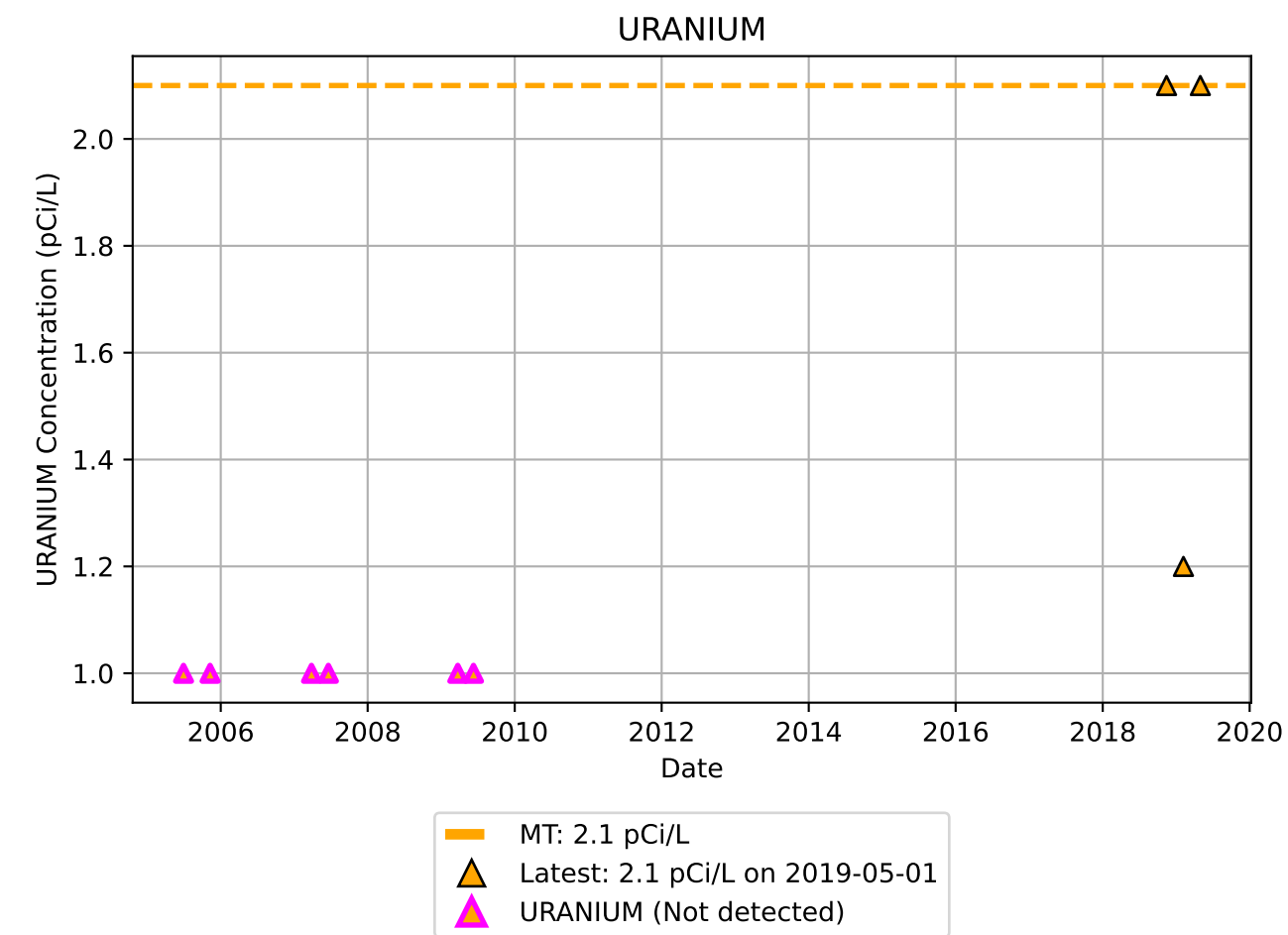
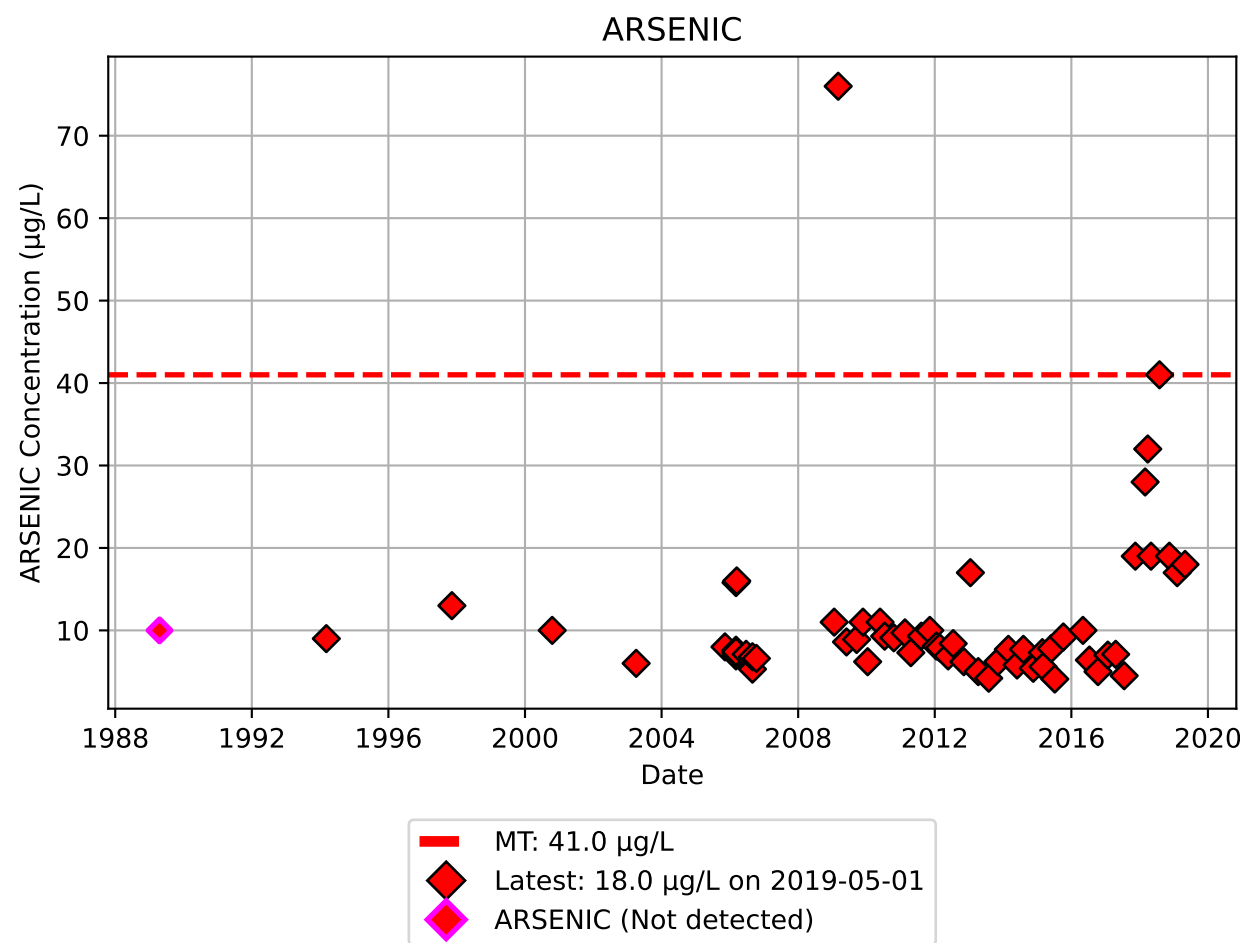
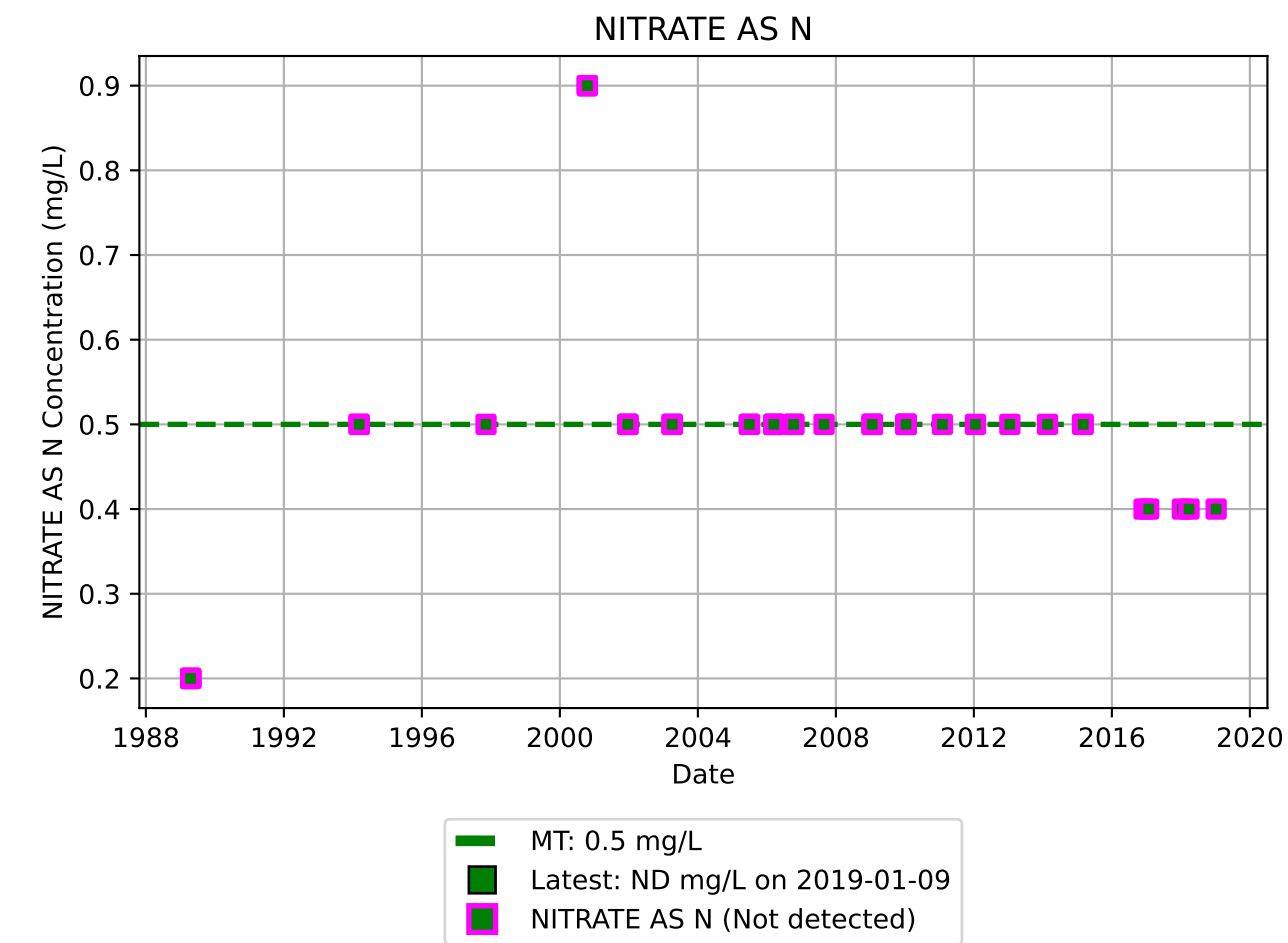
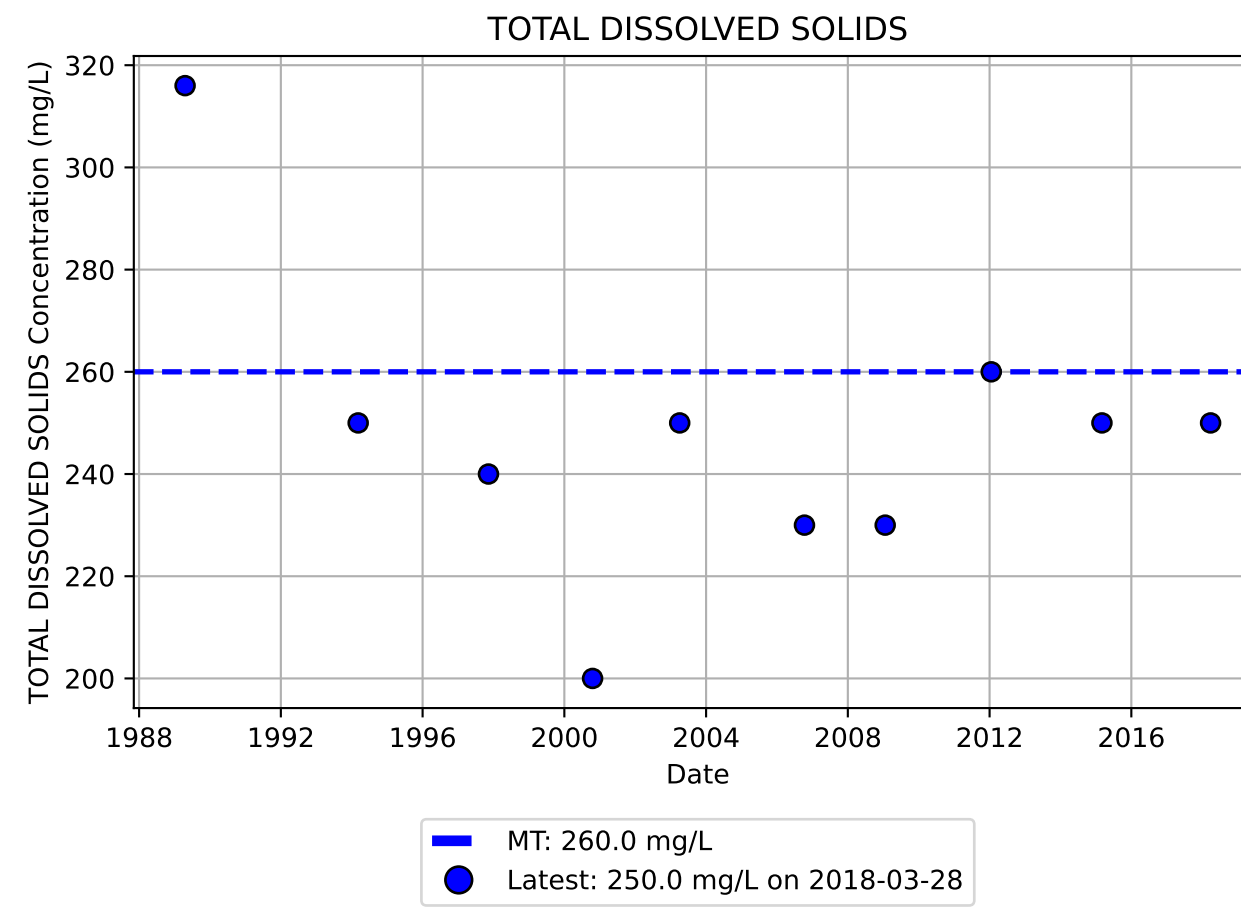
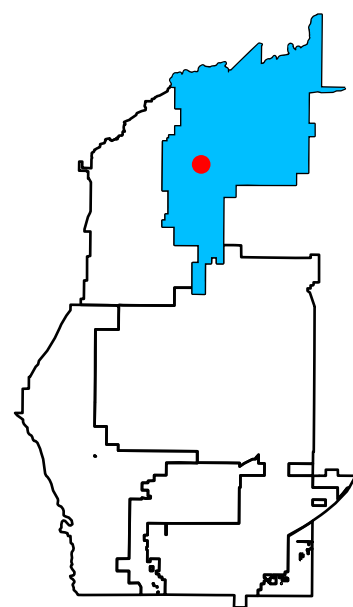


MT: Pending Data
No data available

MT: 0.01 µg/L
Latest: ND µg/L on 2009-12-09
1,2,3-TRICHLOROPROPANE (1,2,3 TCP) (Not detected)

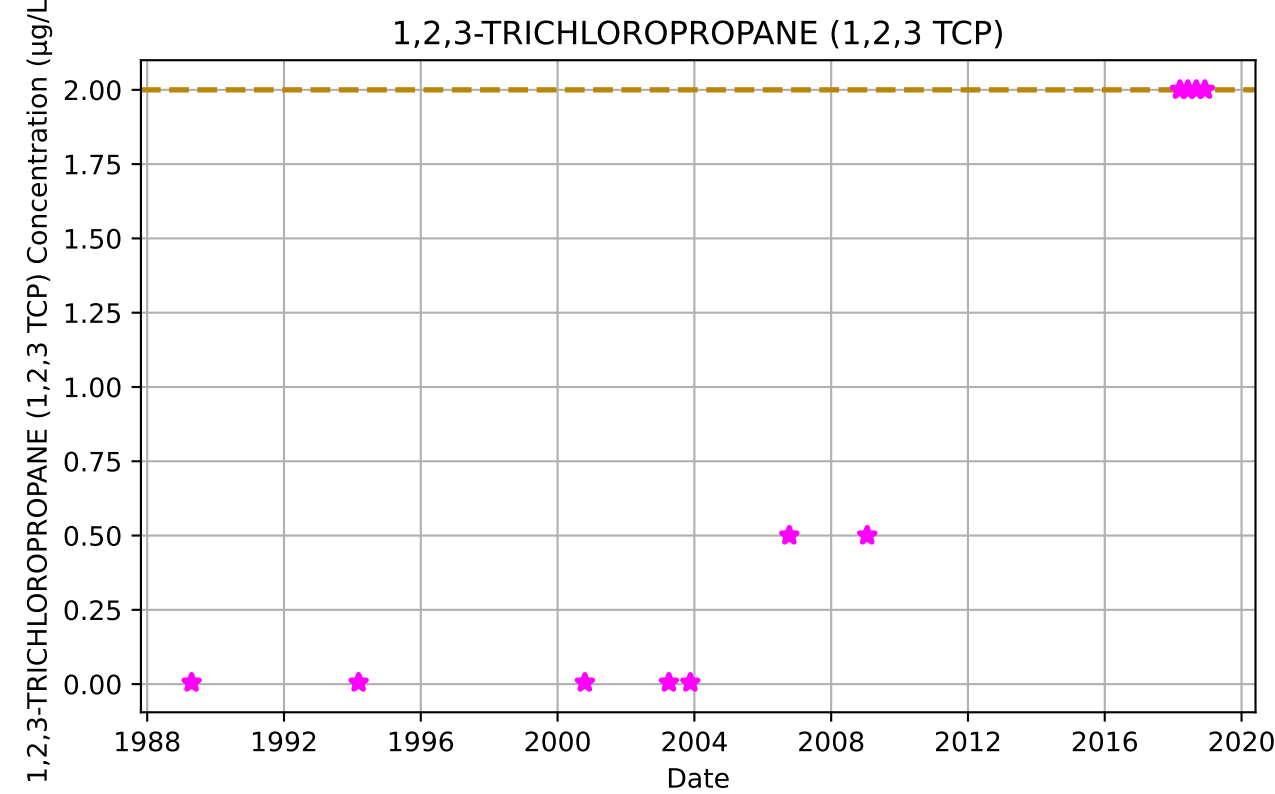
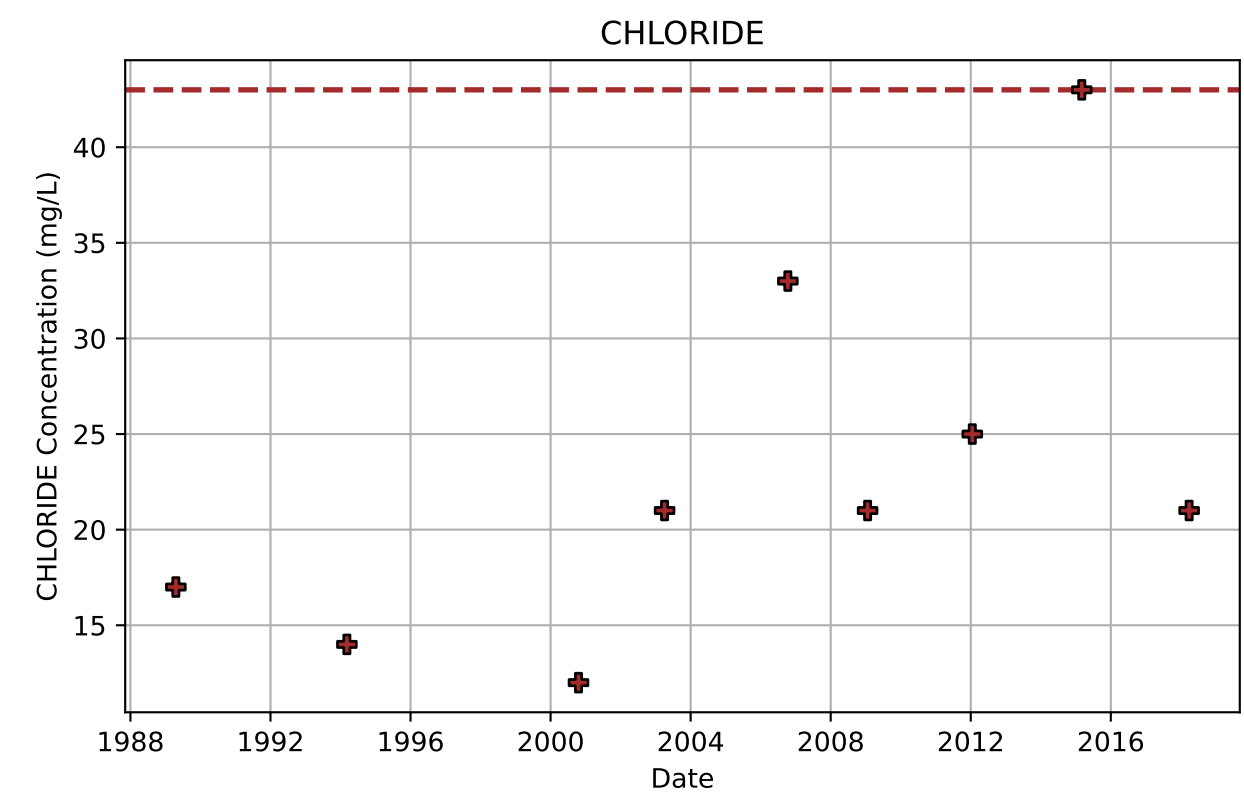
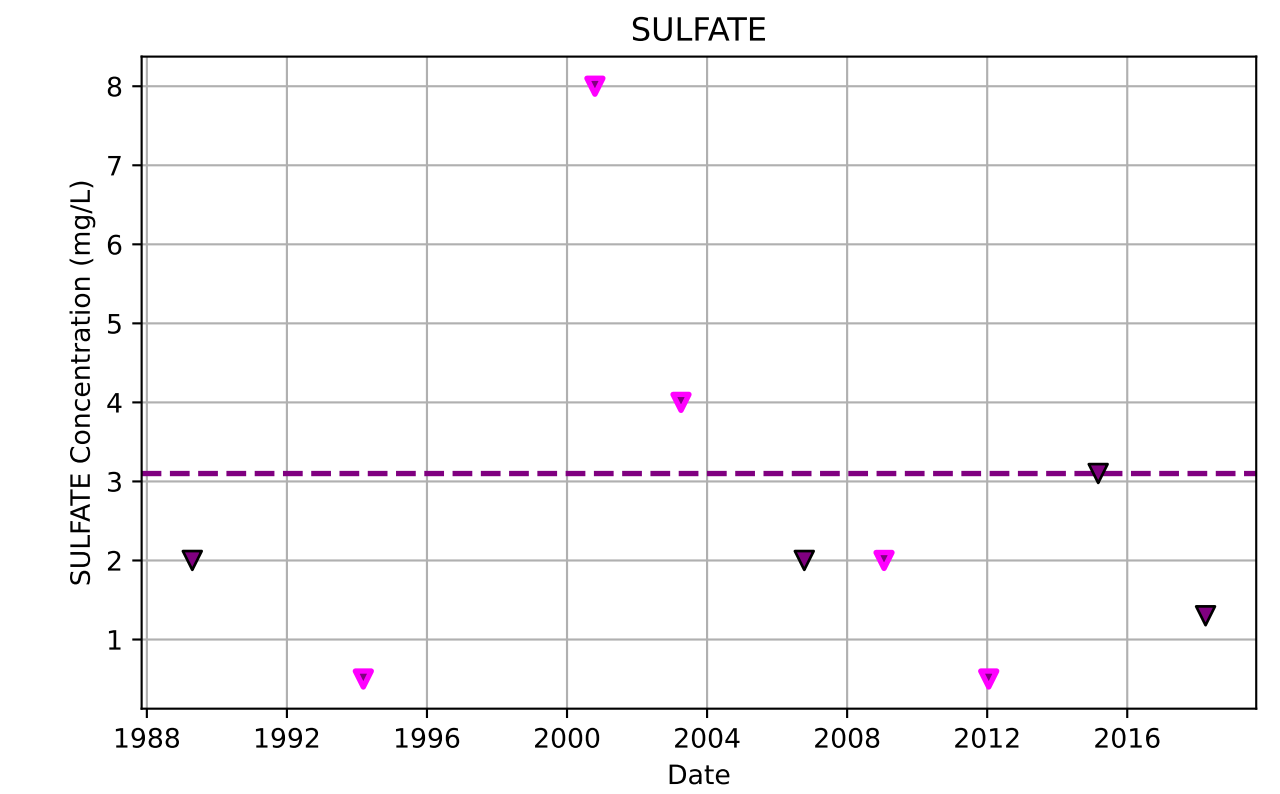
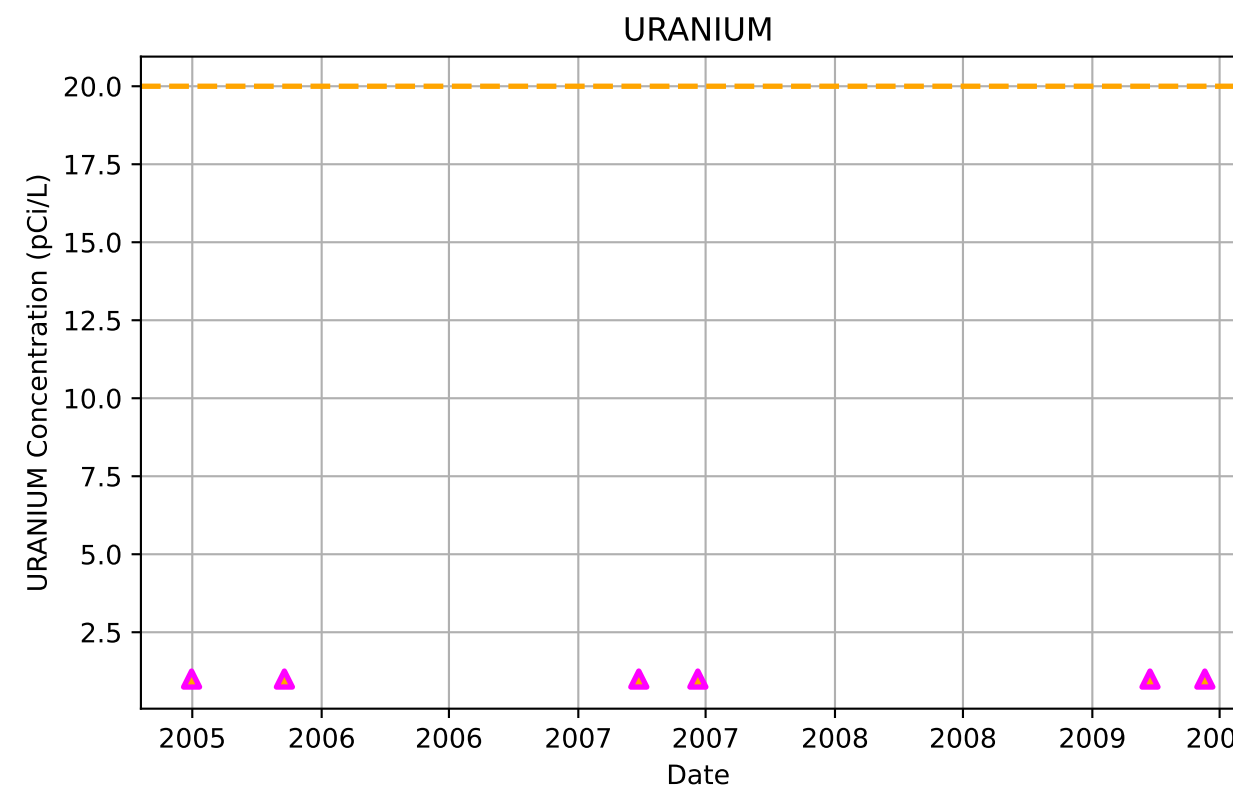
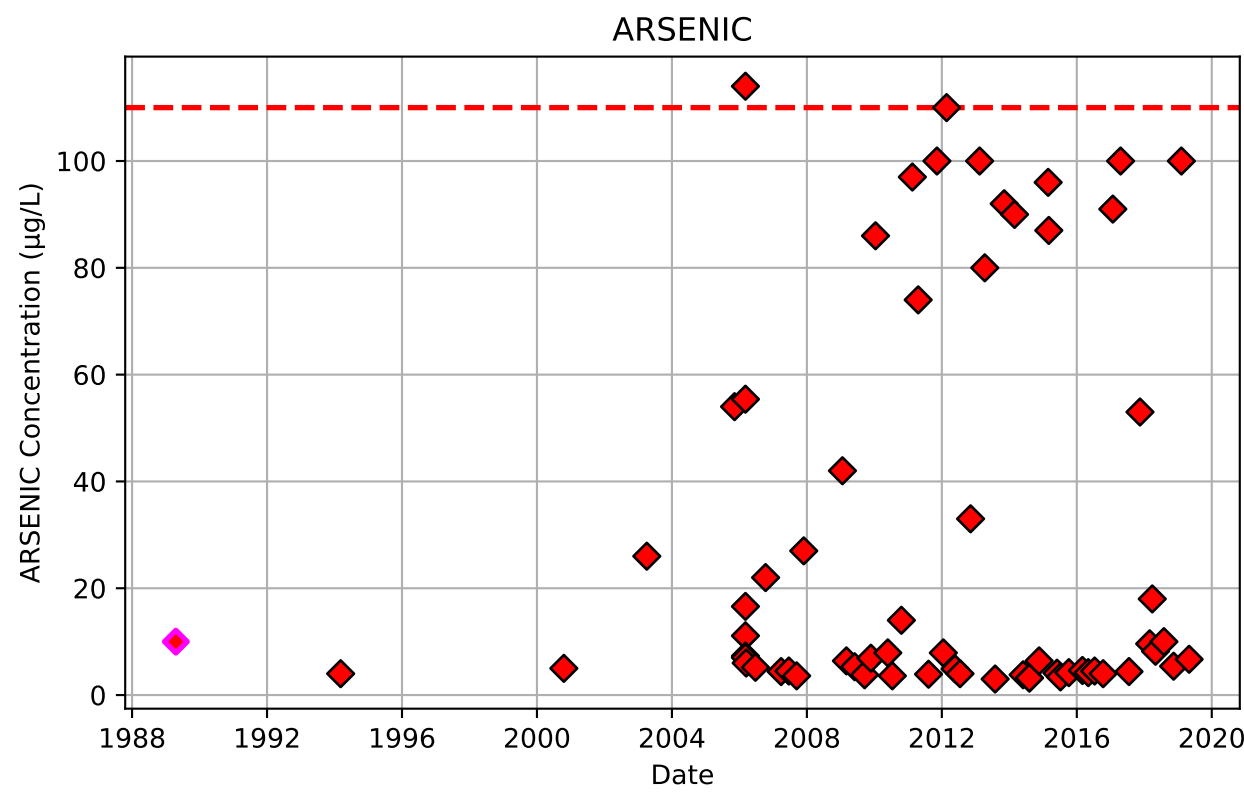
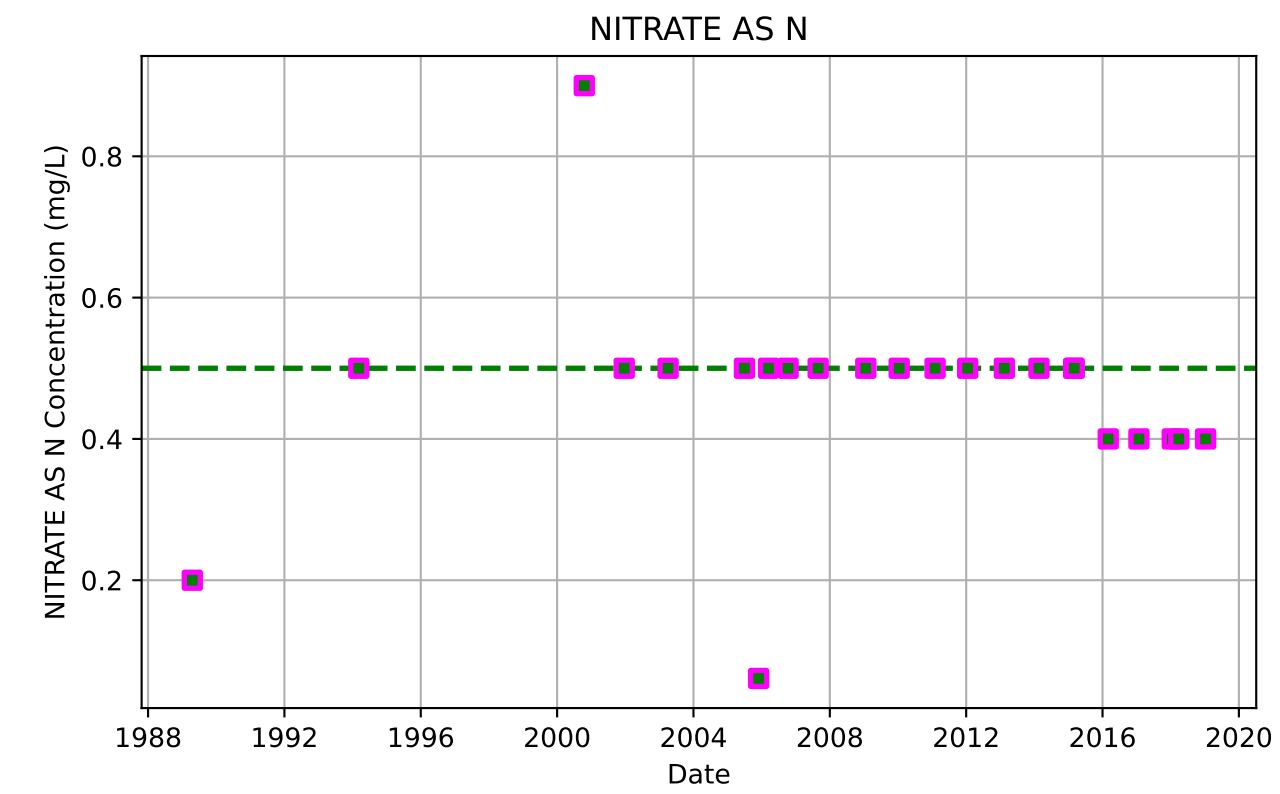
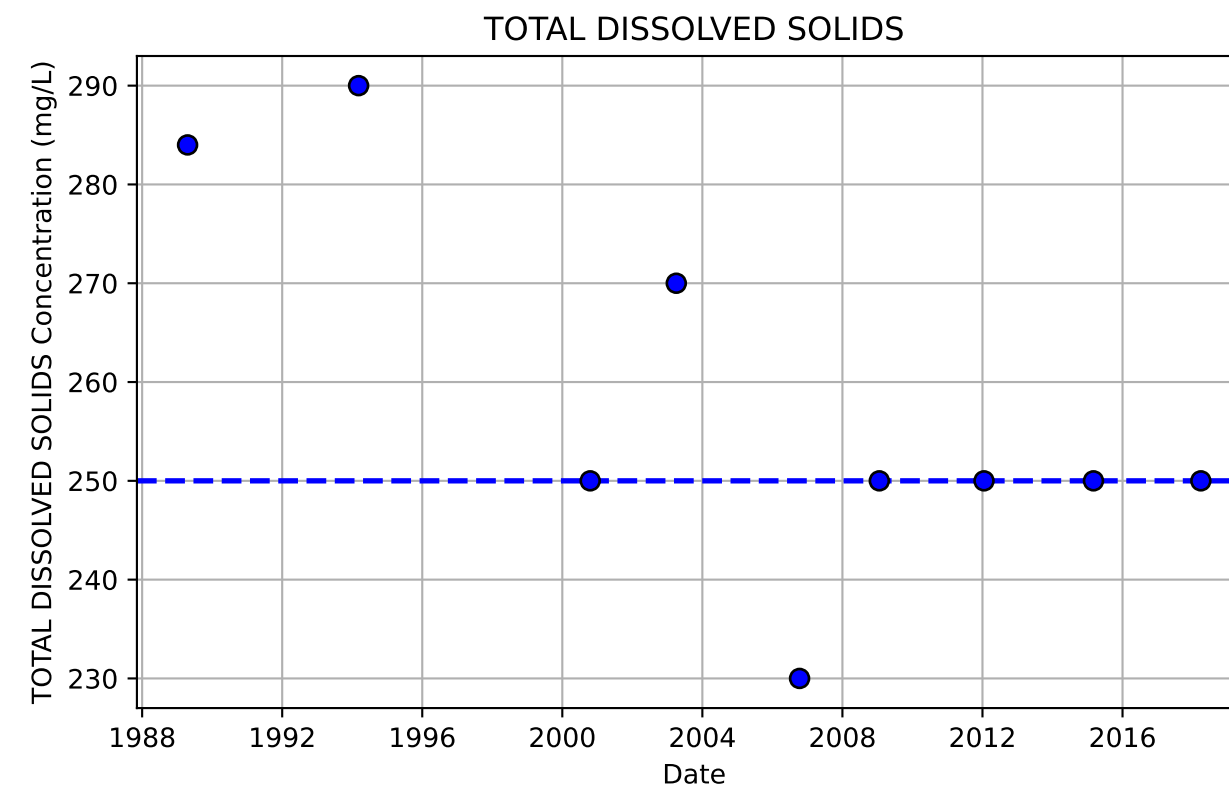
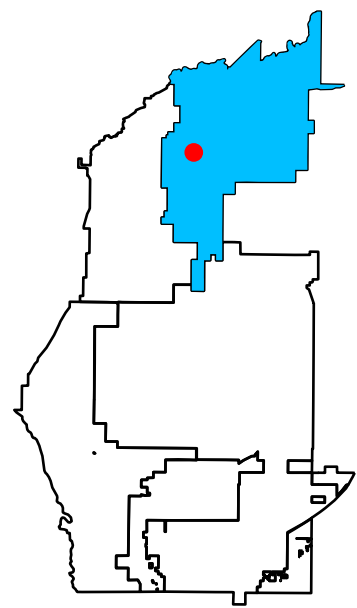
Water Quality RMS Well 1610001-001
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



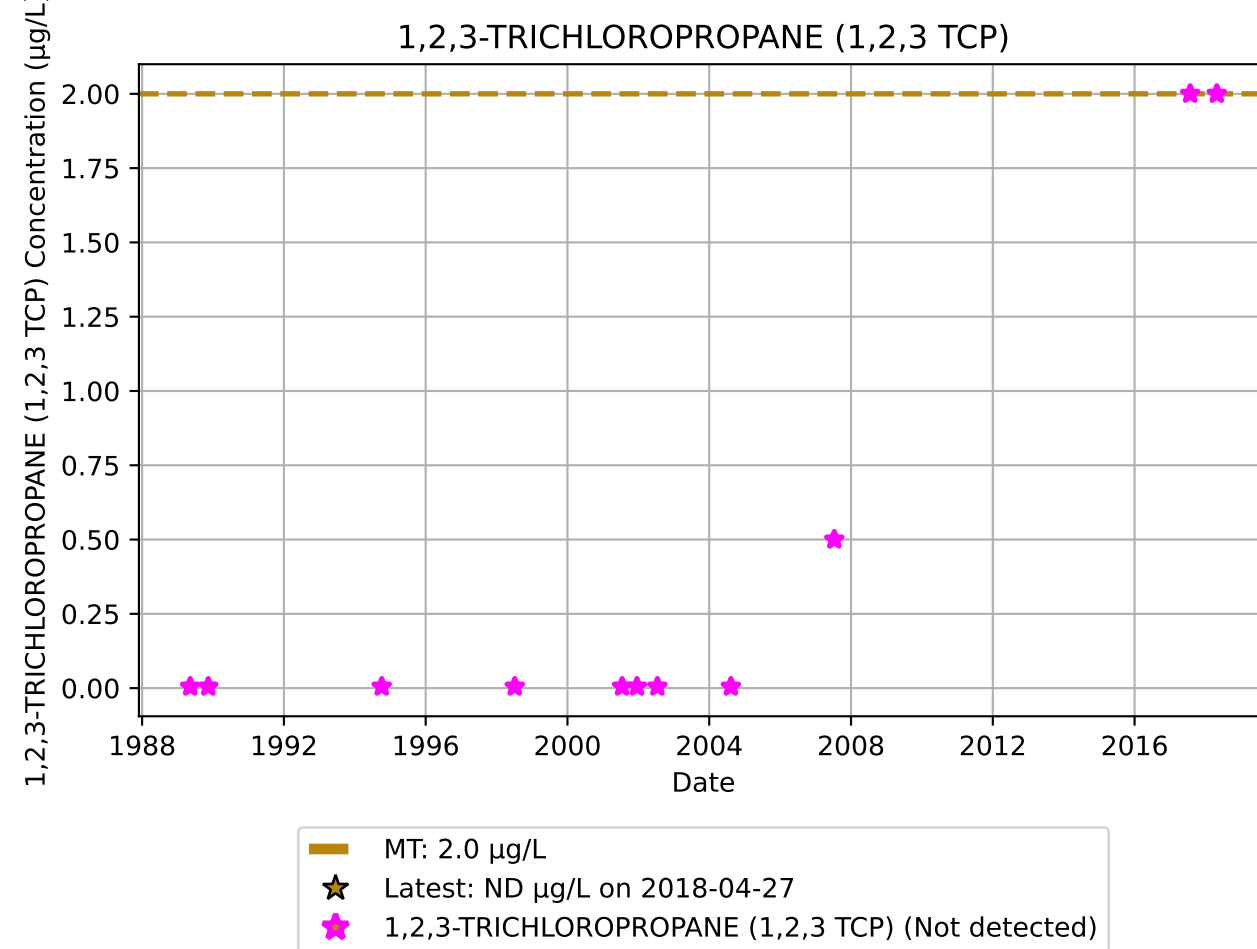
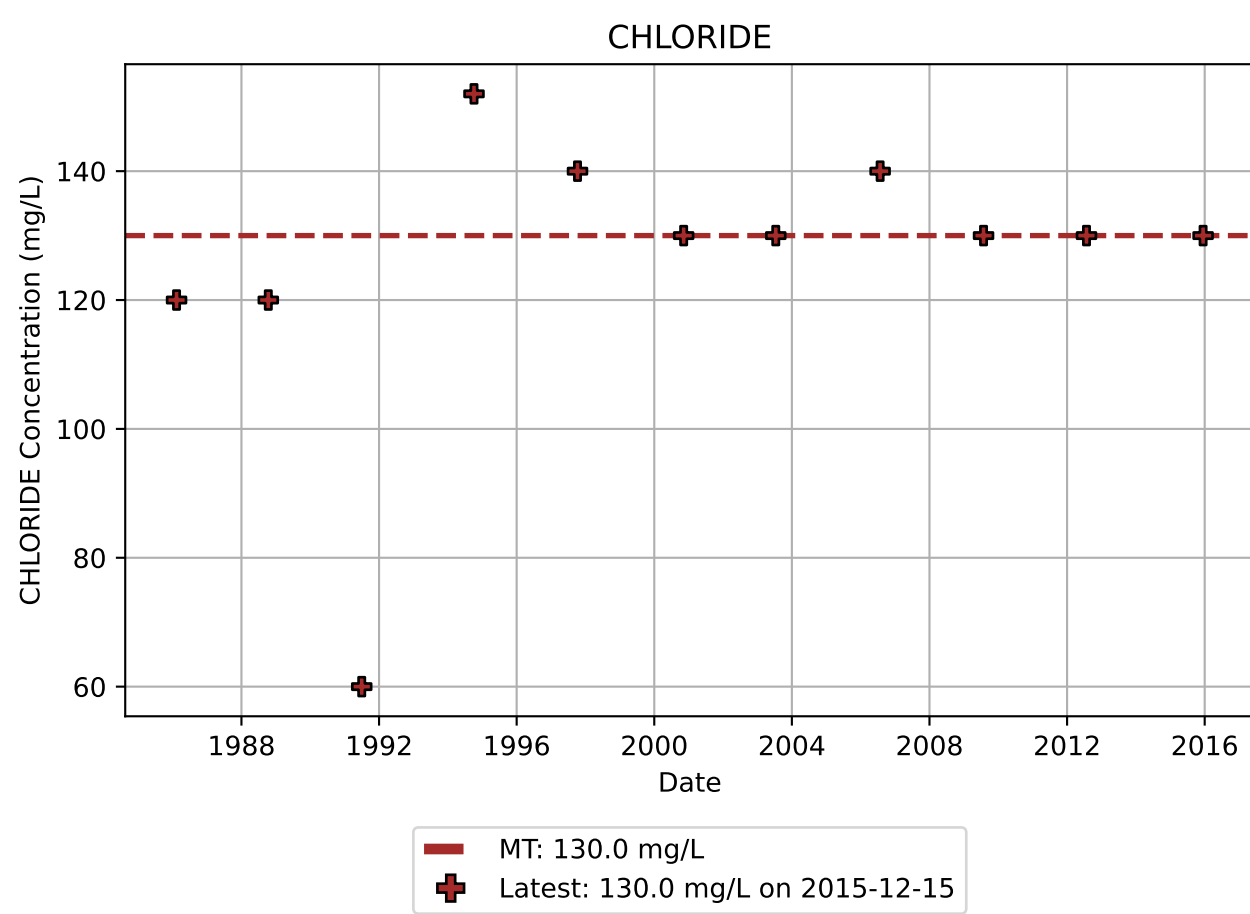
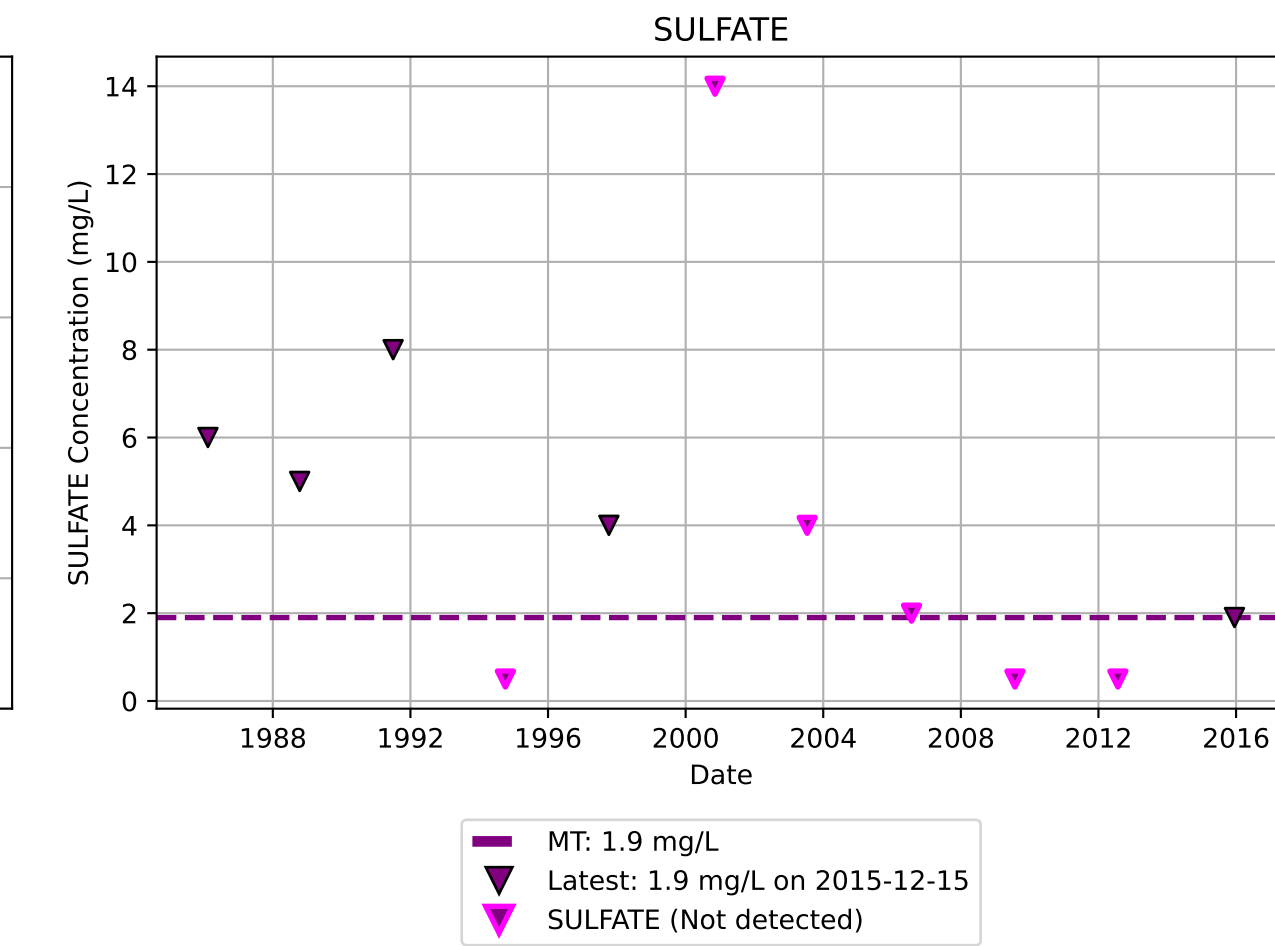
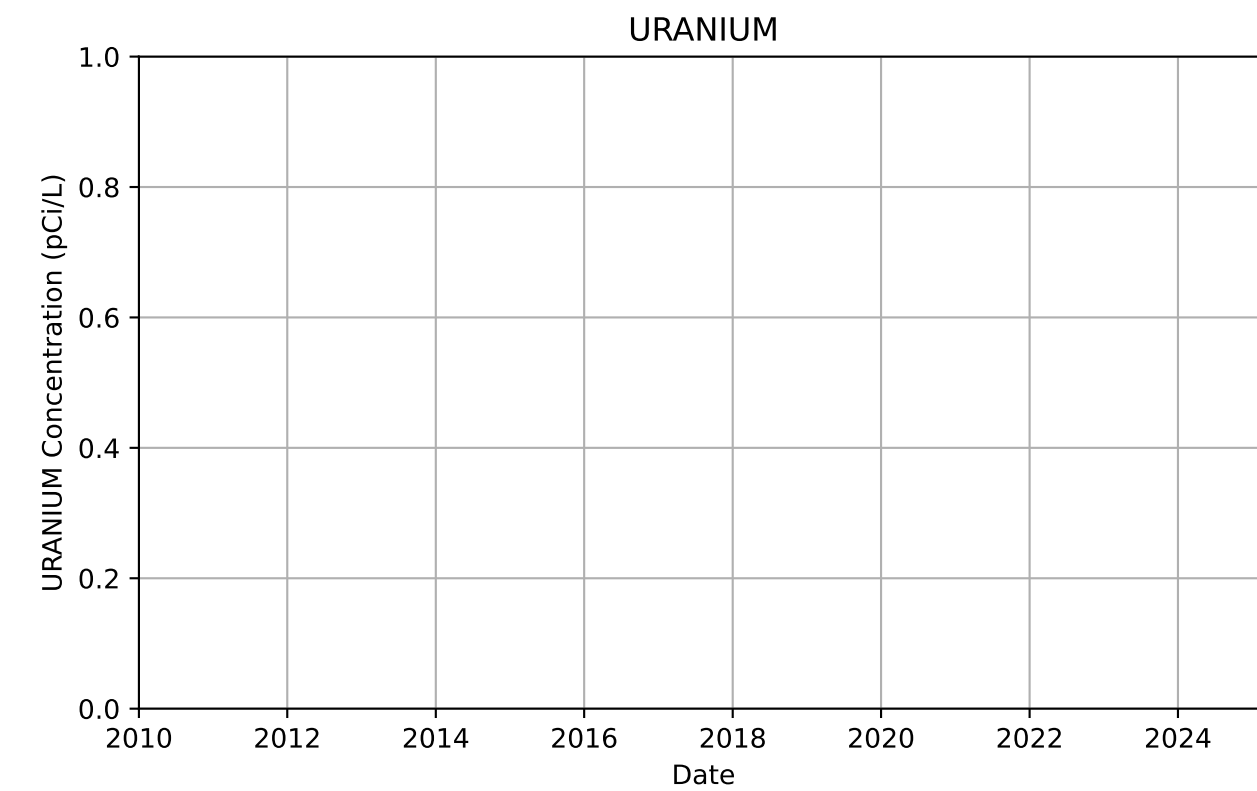
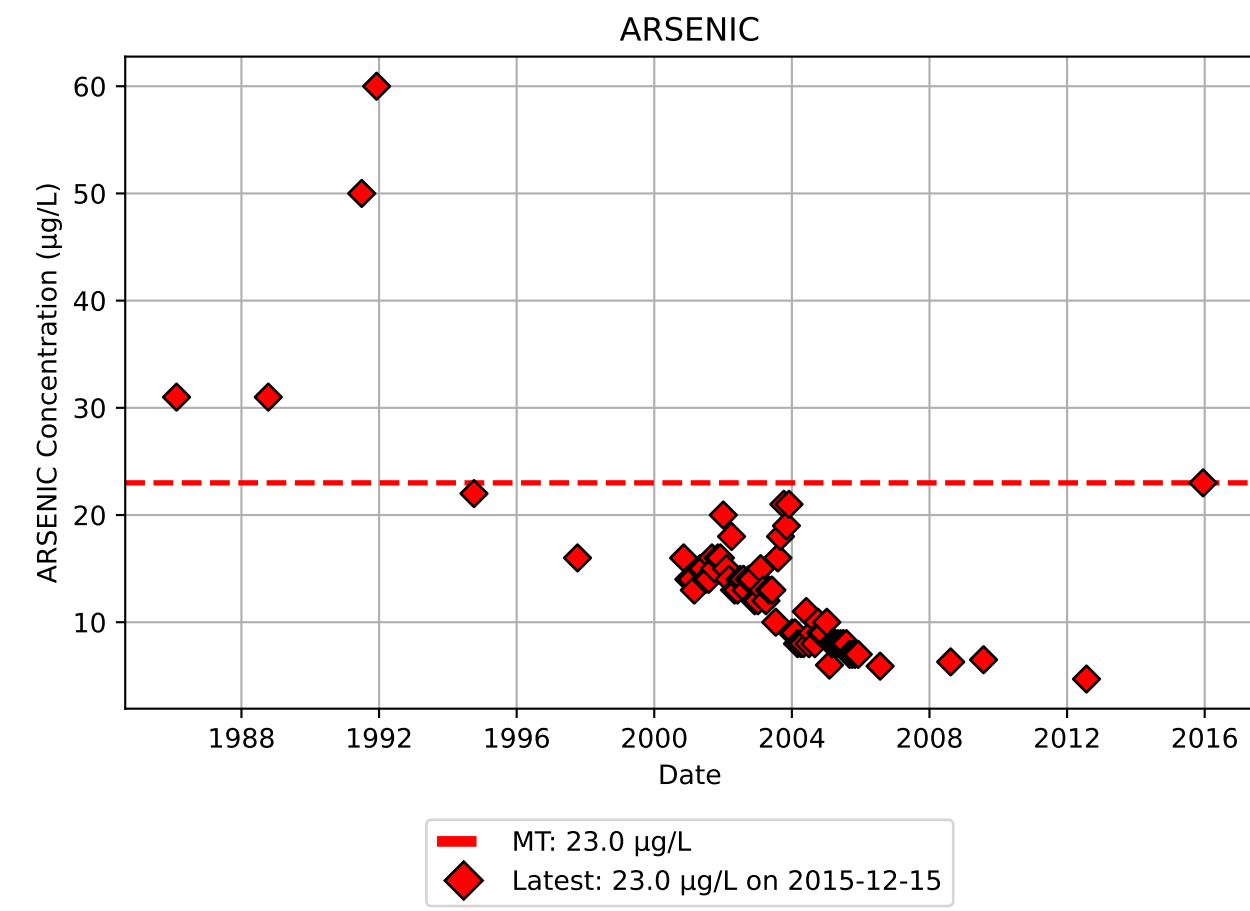
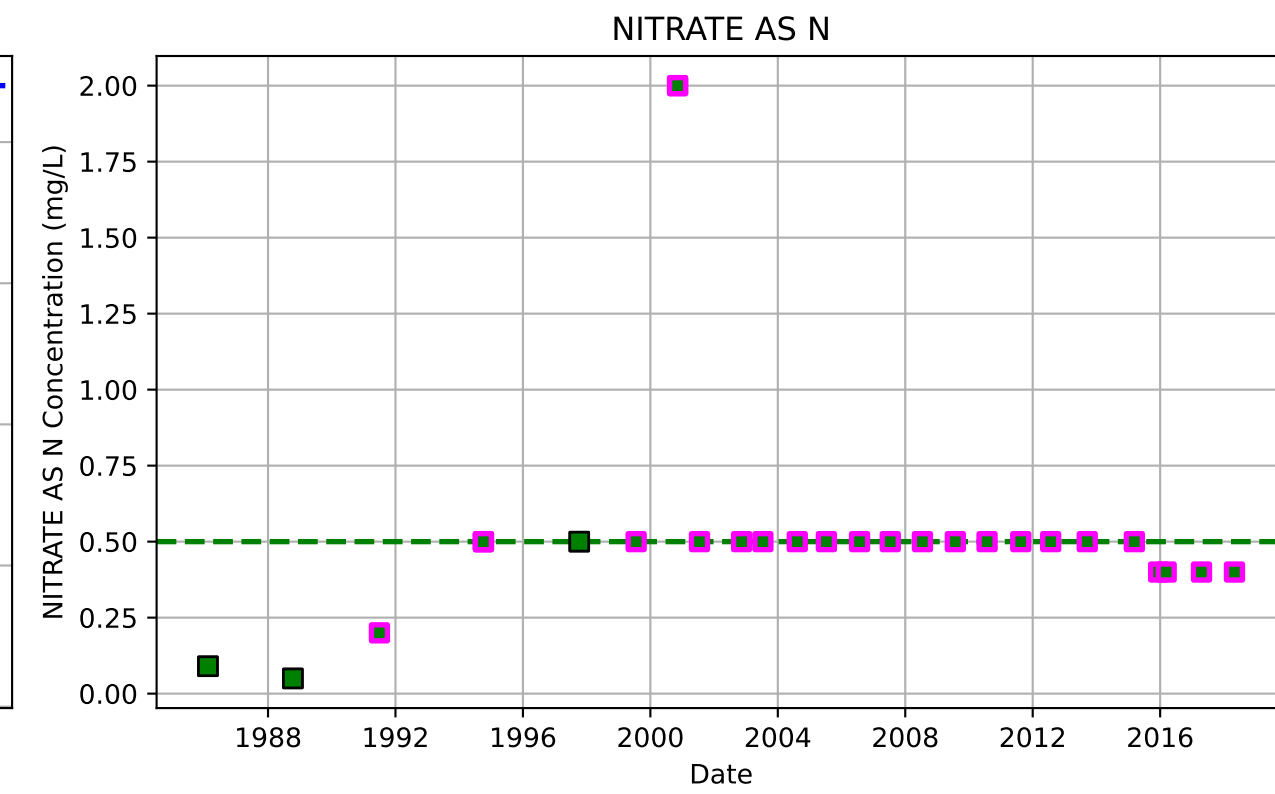
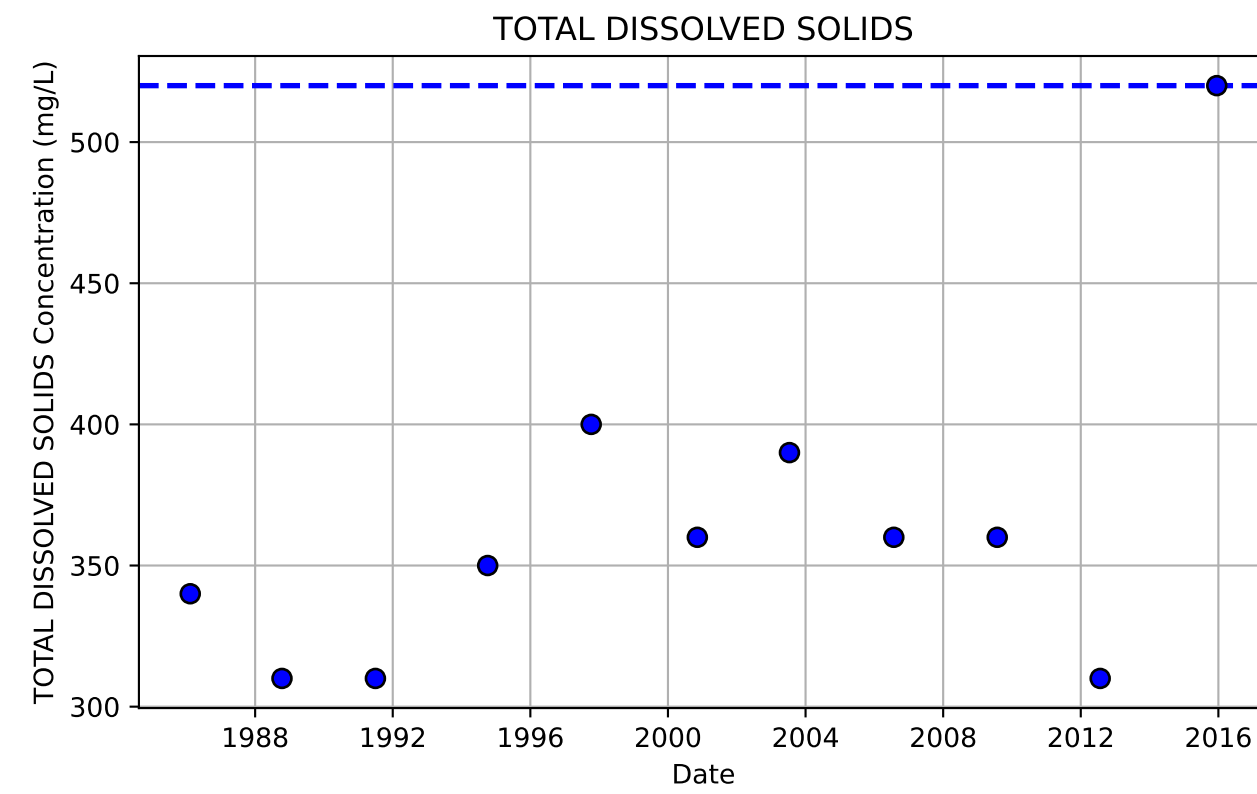
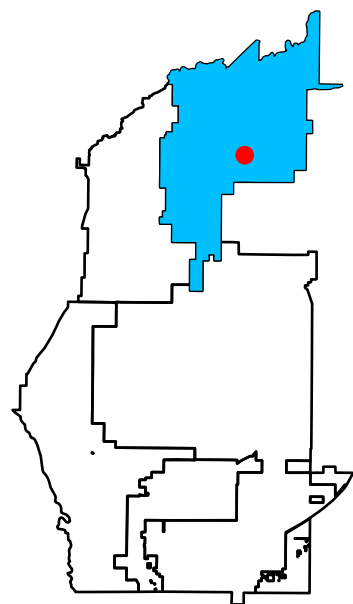
Water Quality RMS Well 1610001-007
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



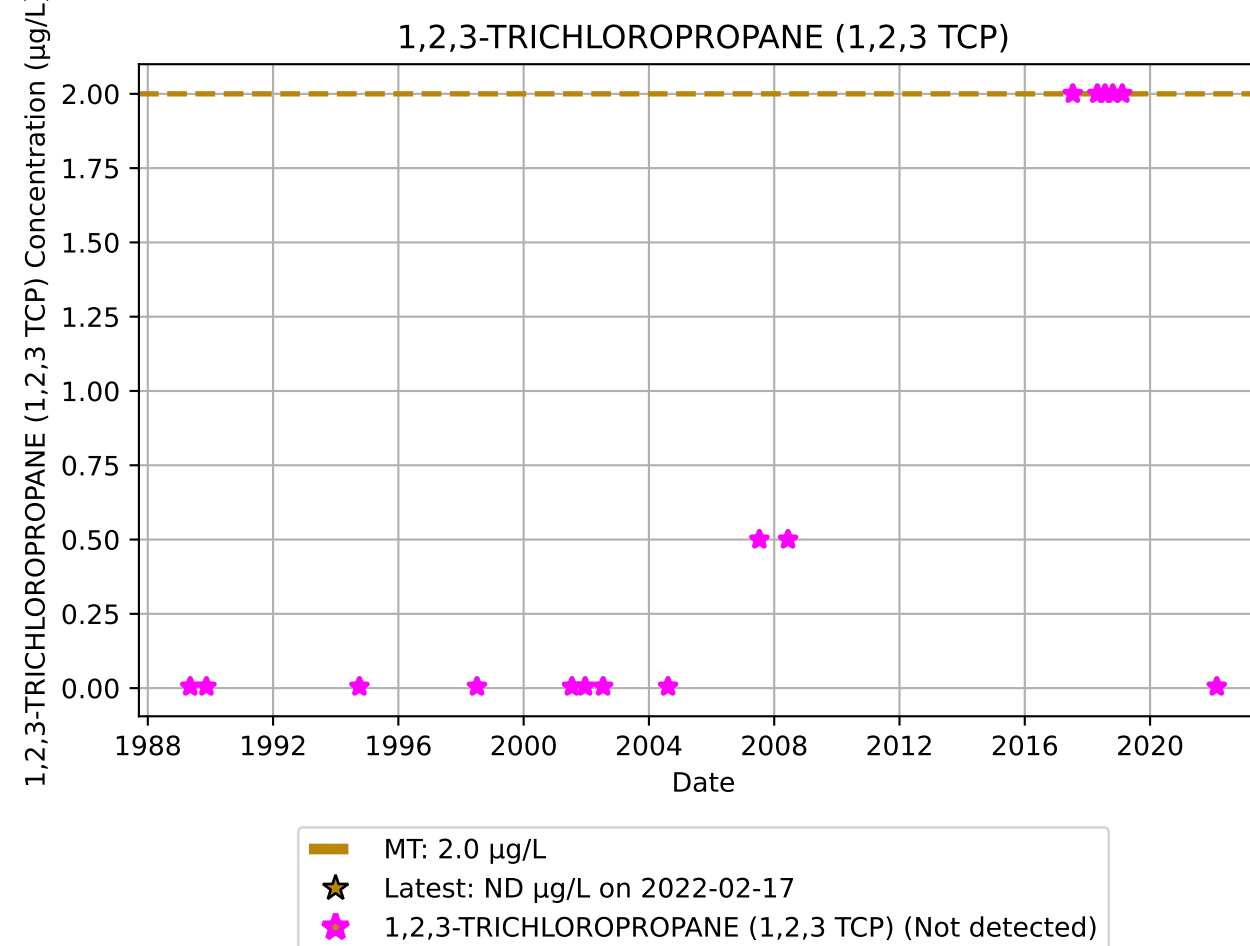
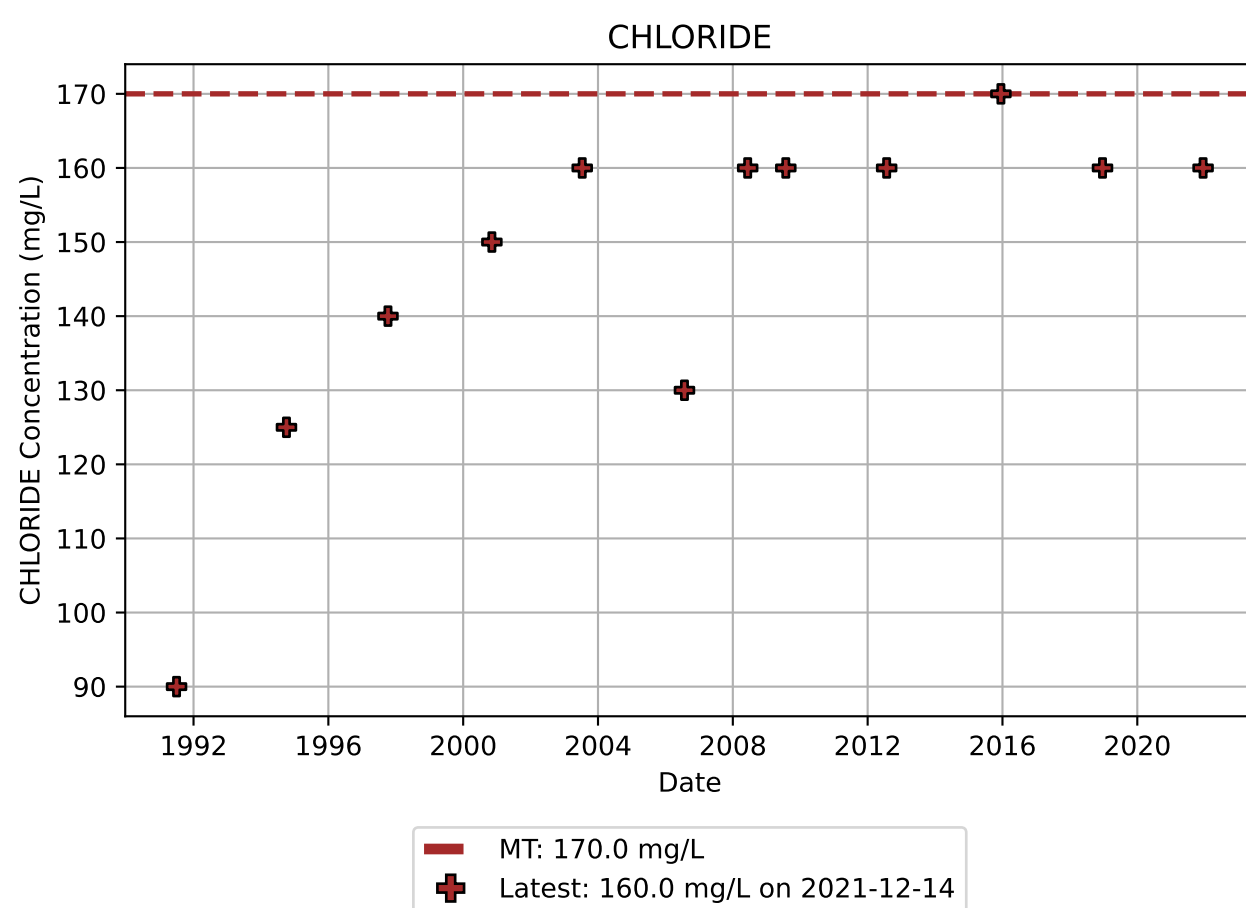
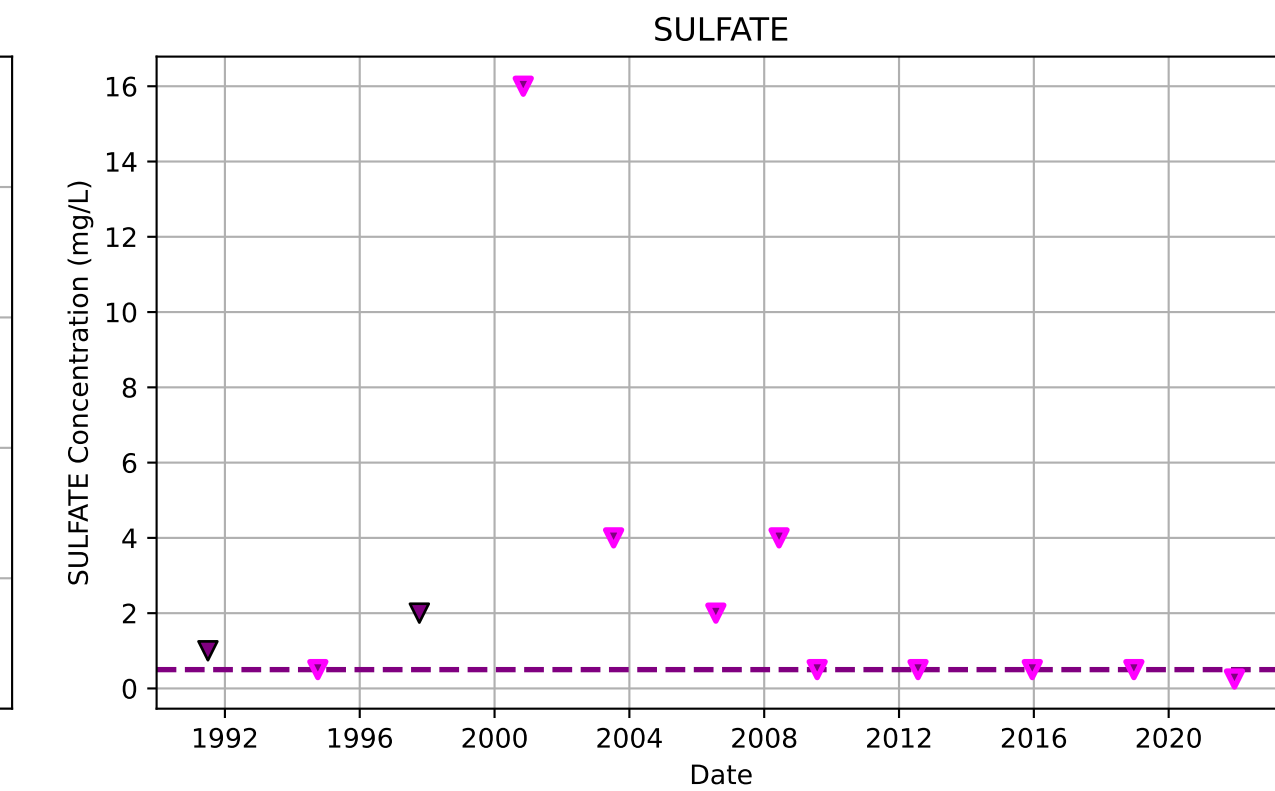
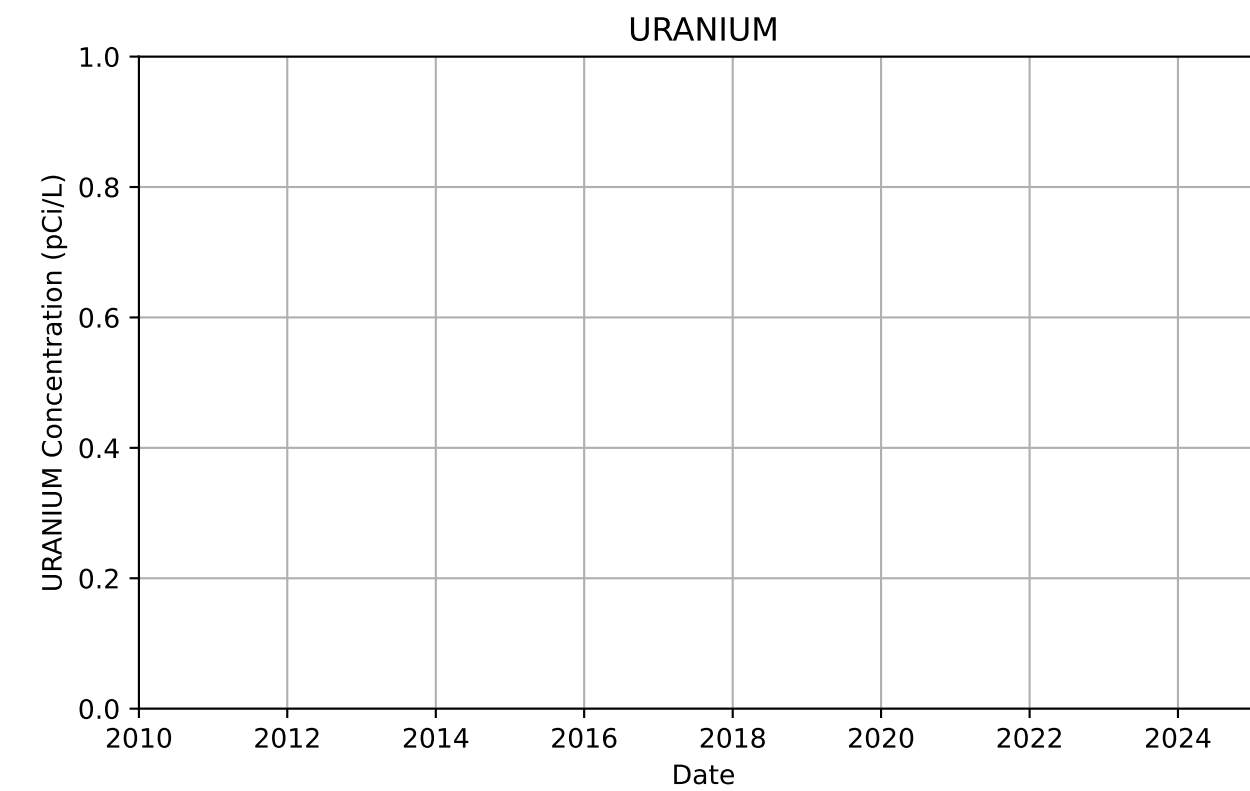
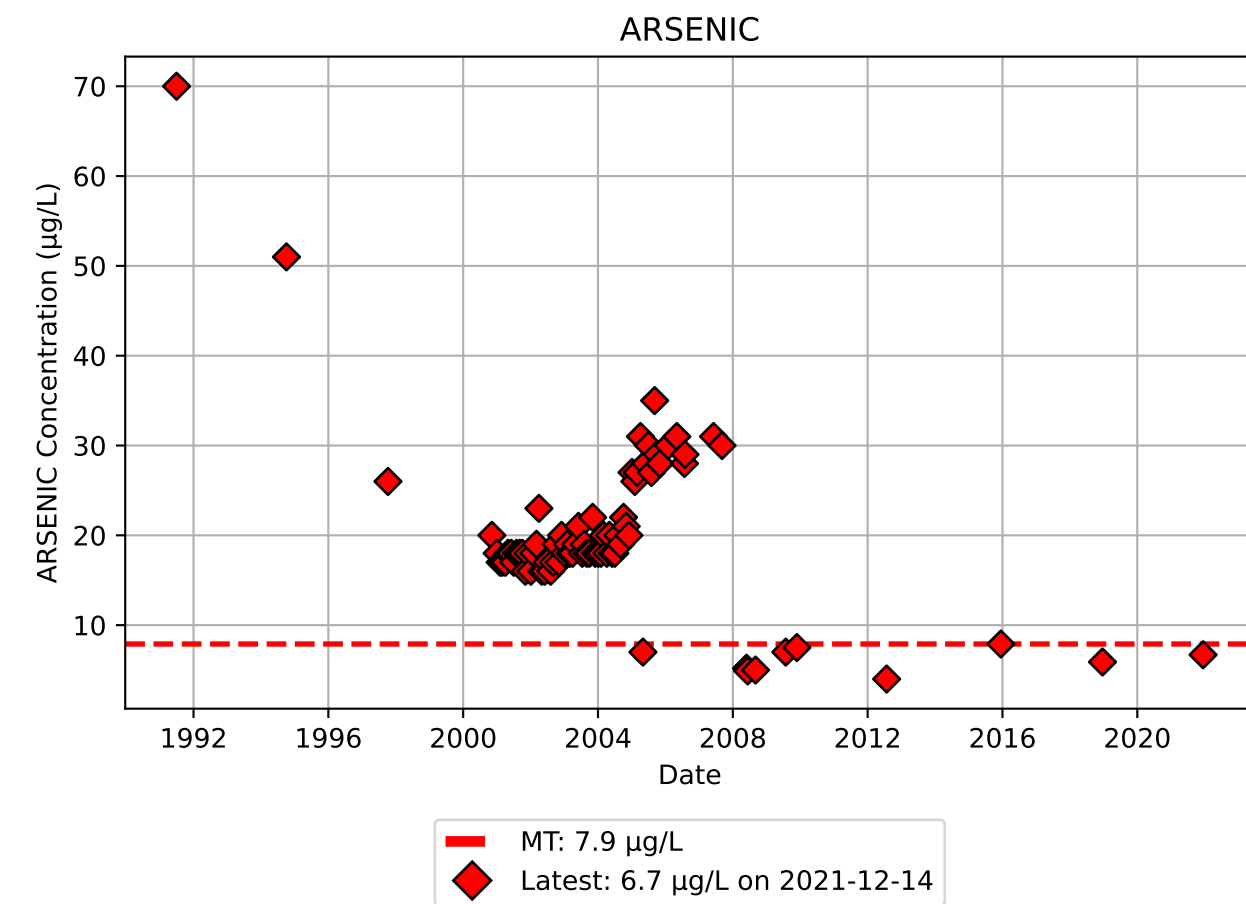
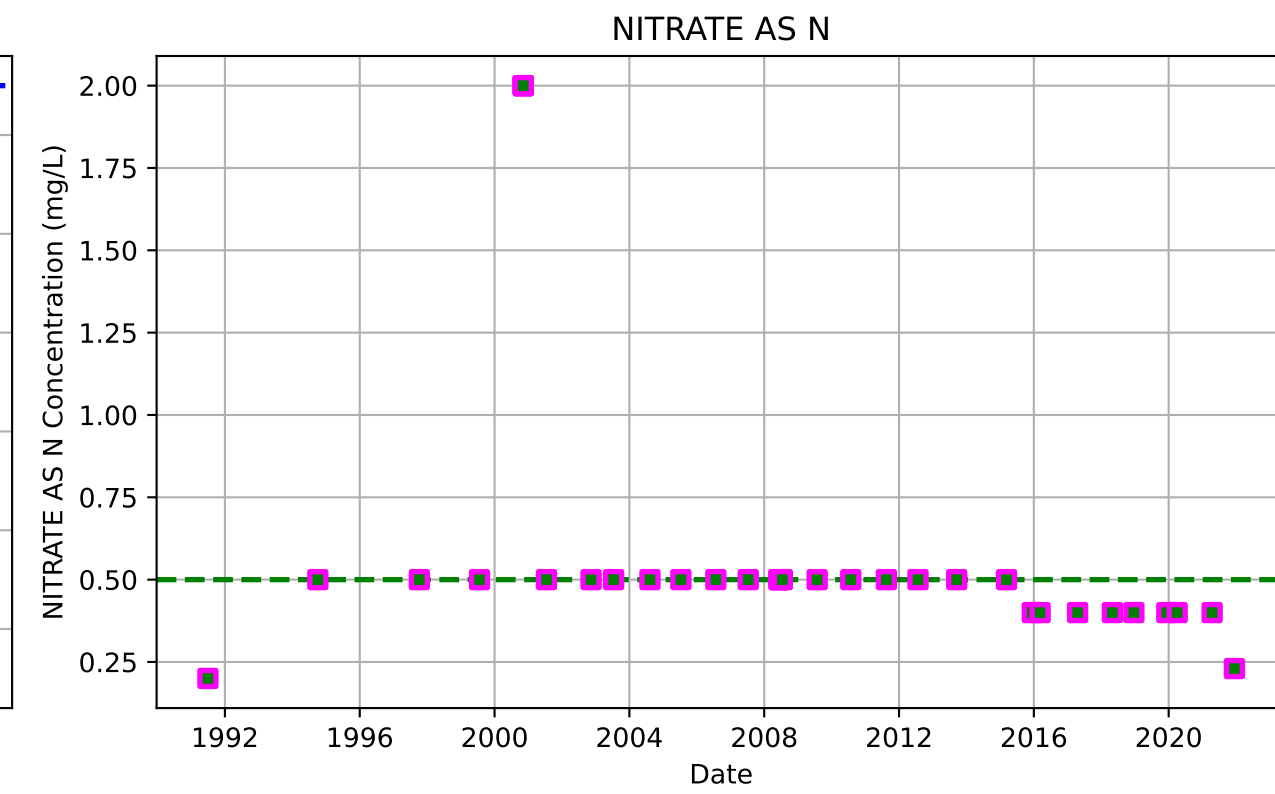
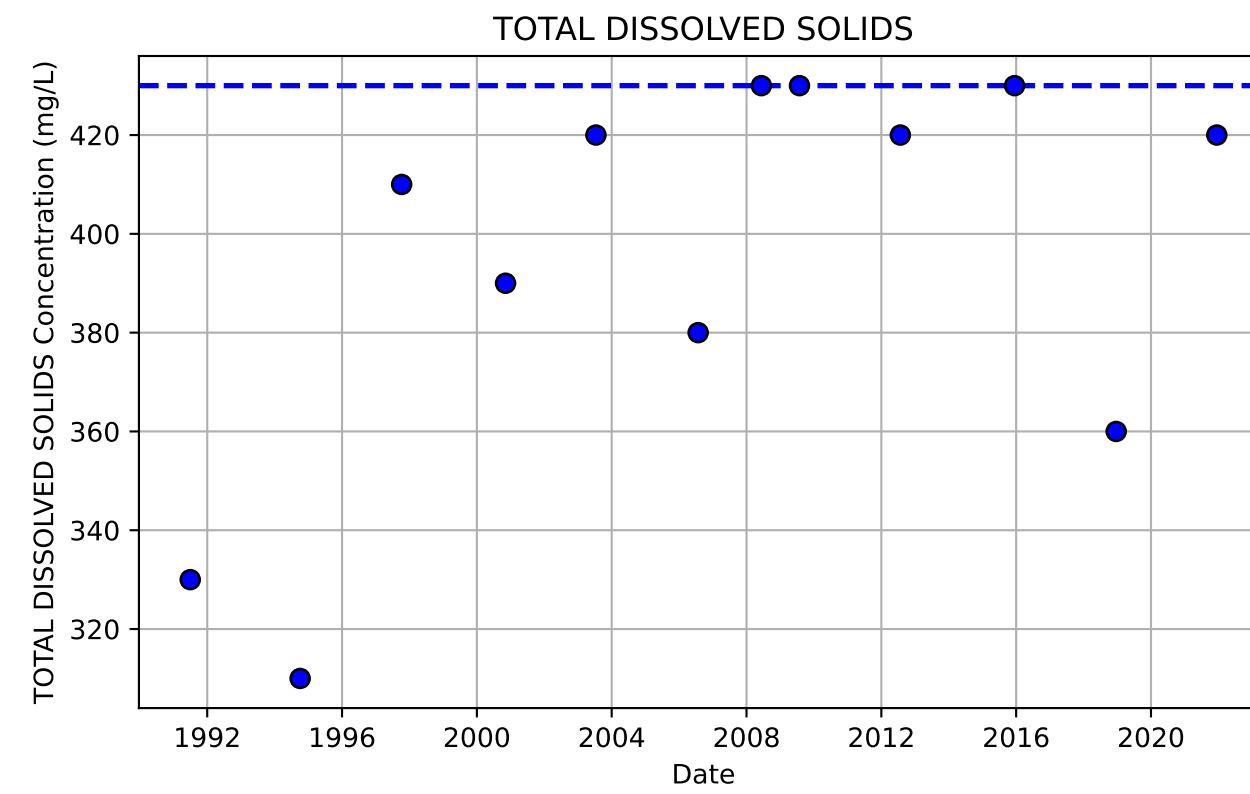
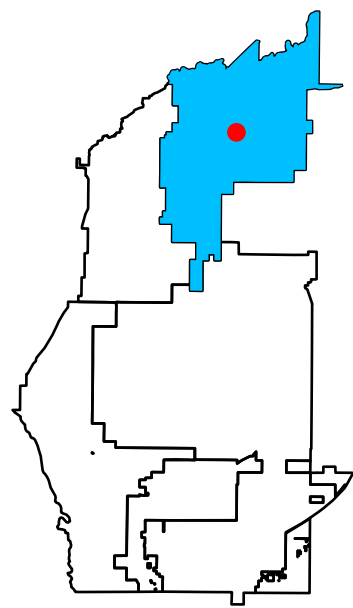
Water Quality RMS Well 1610003-026
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



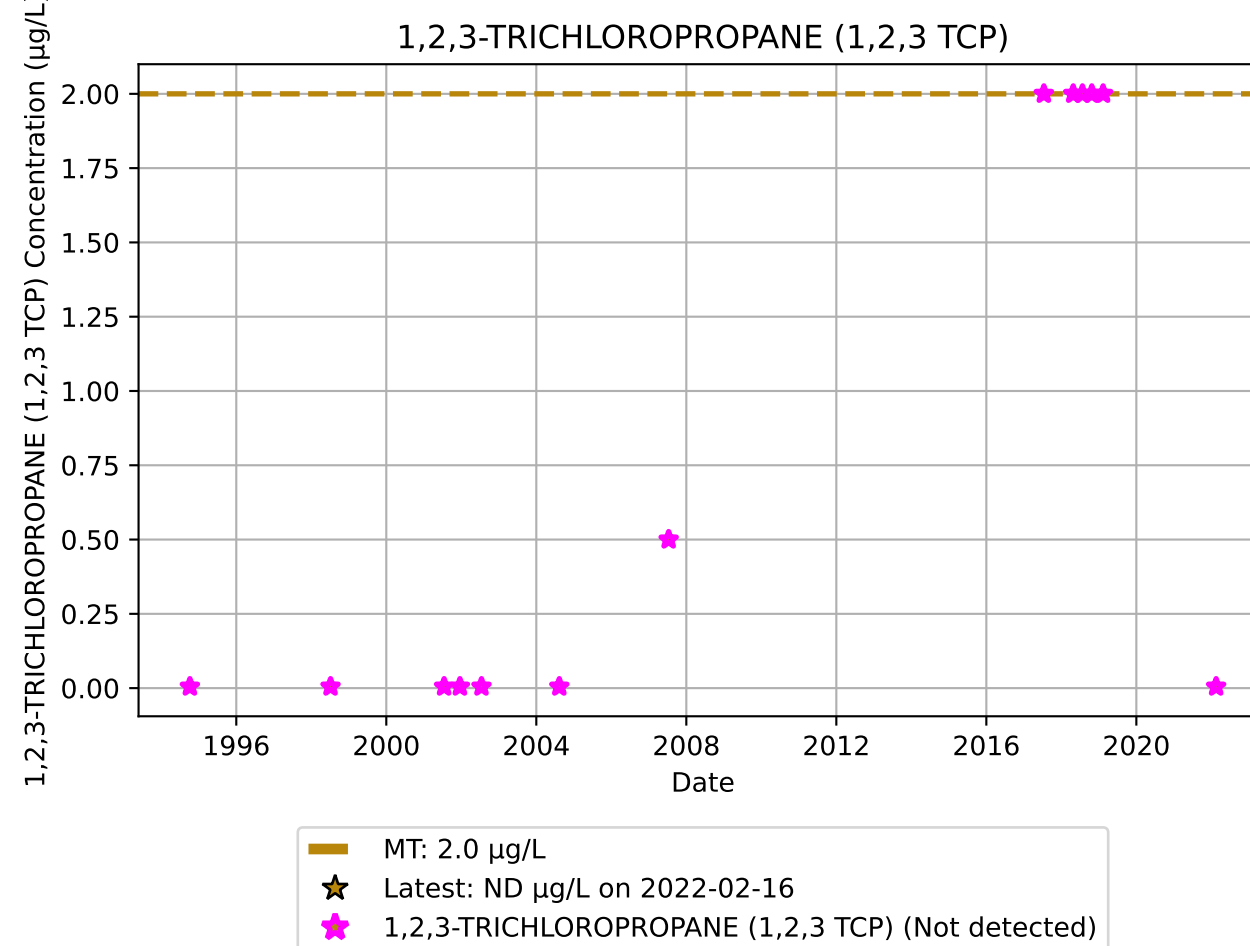
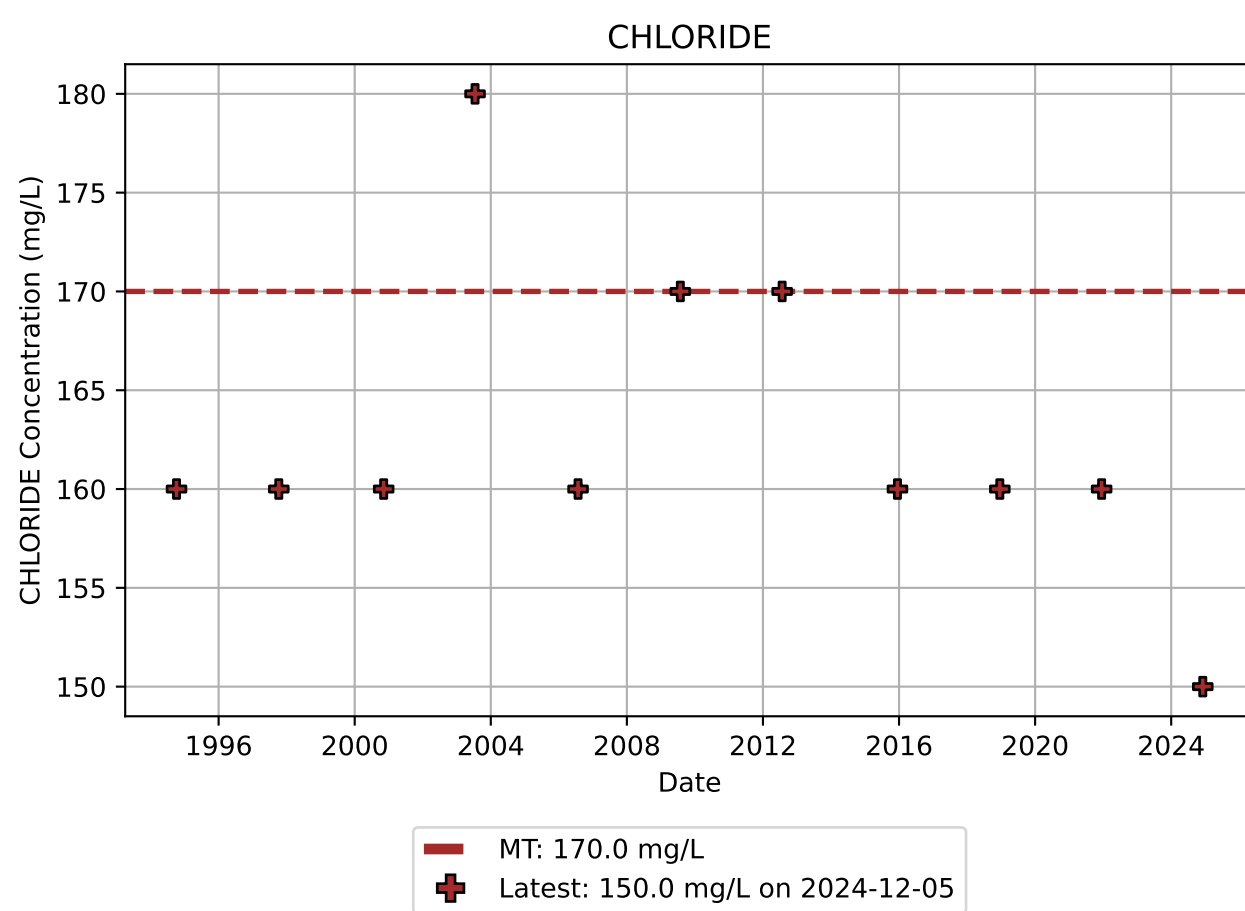
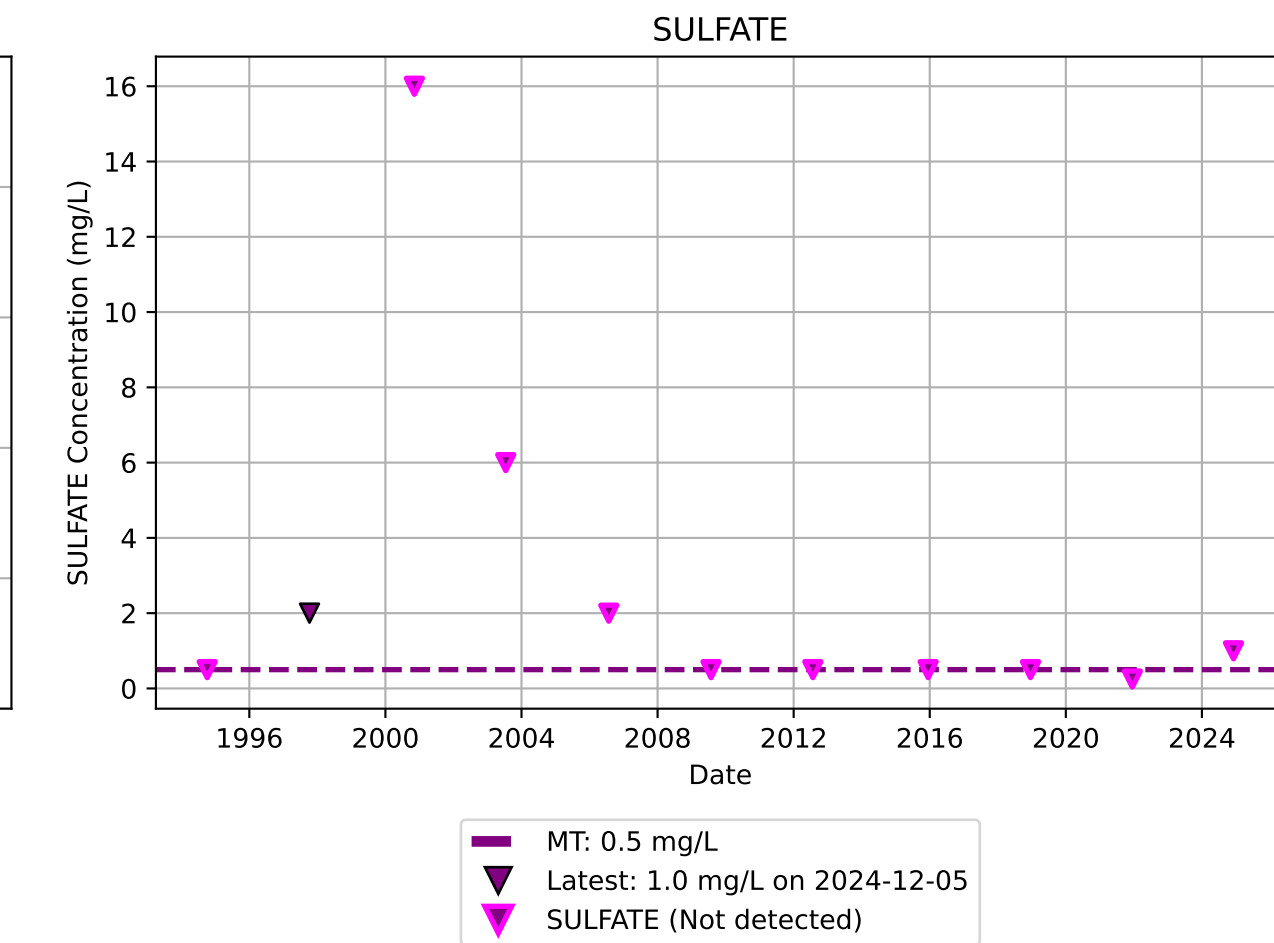
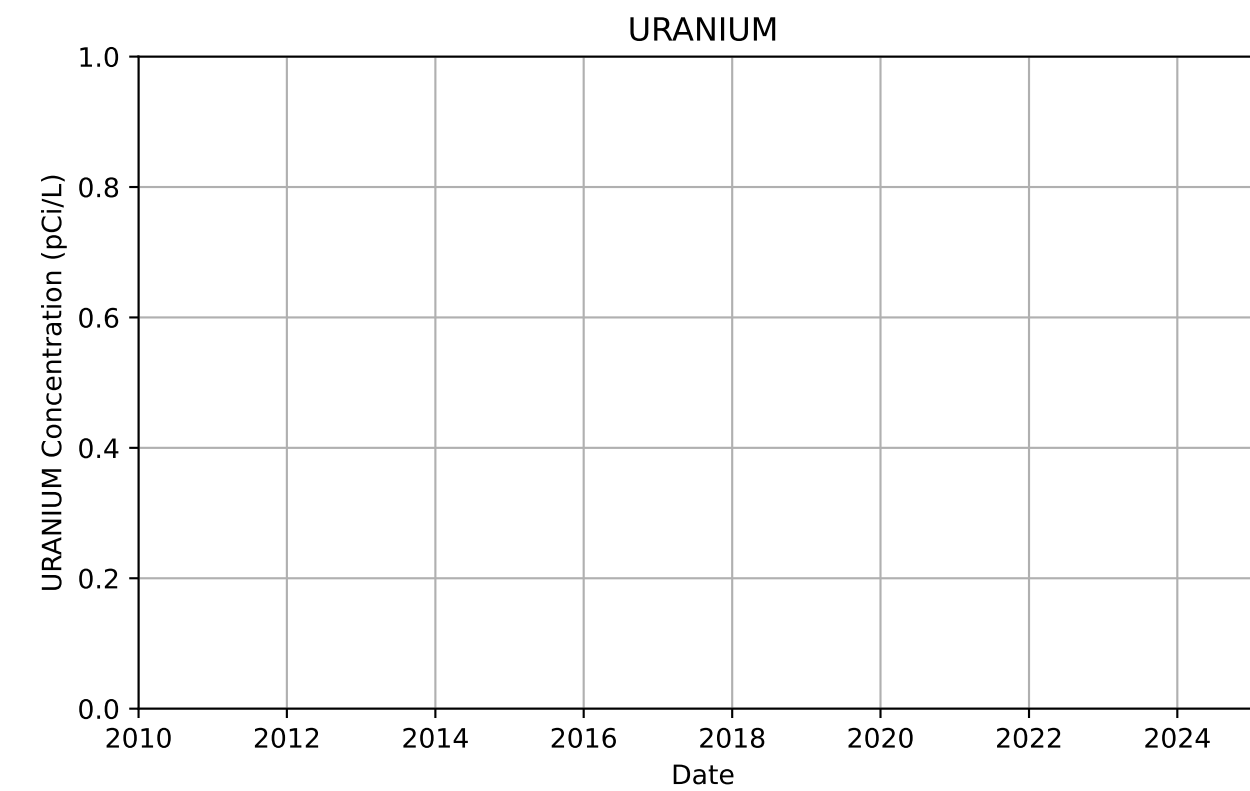
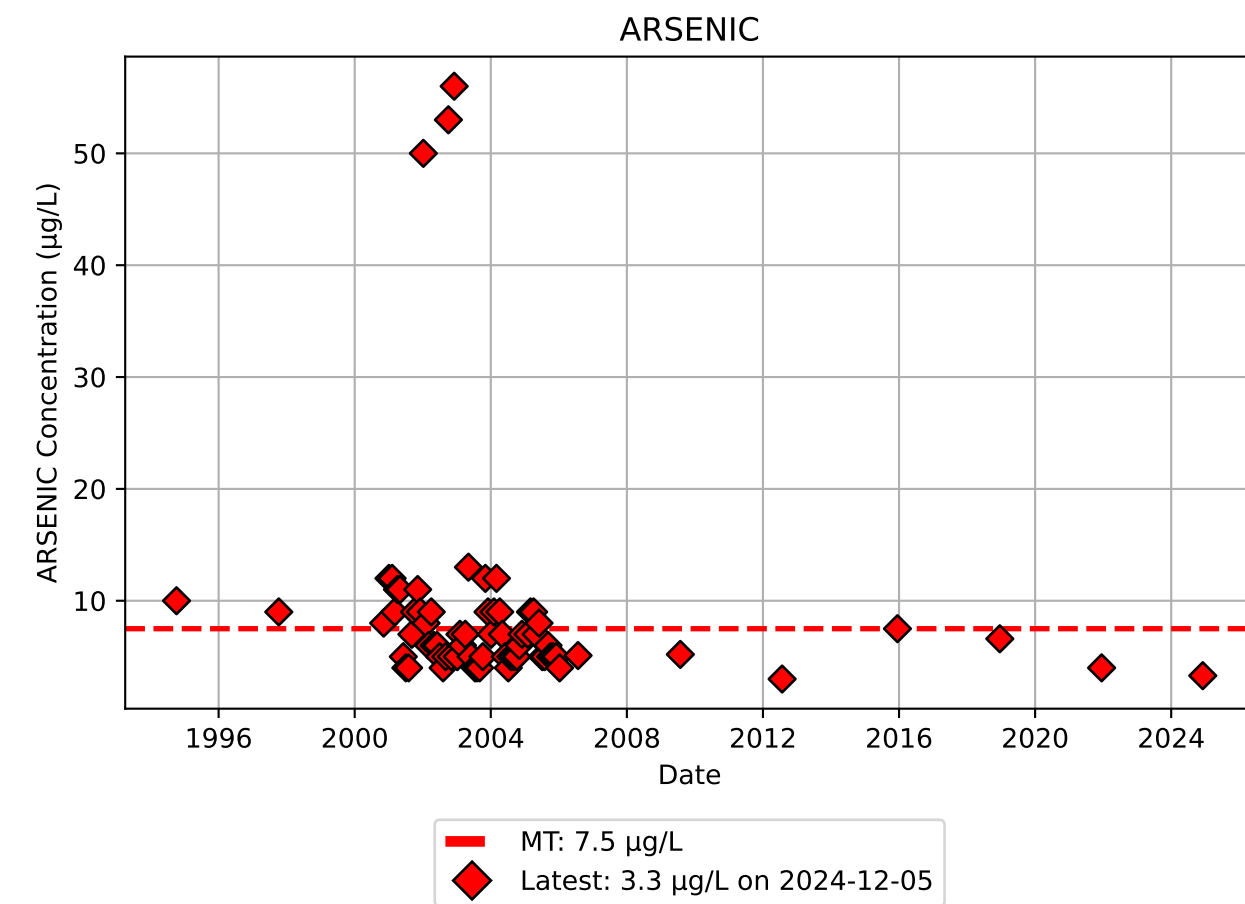
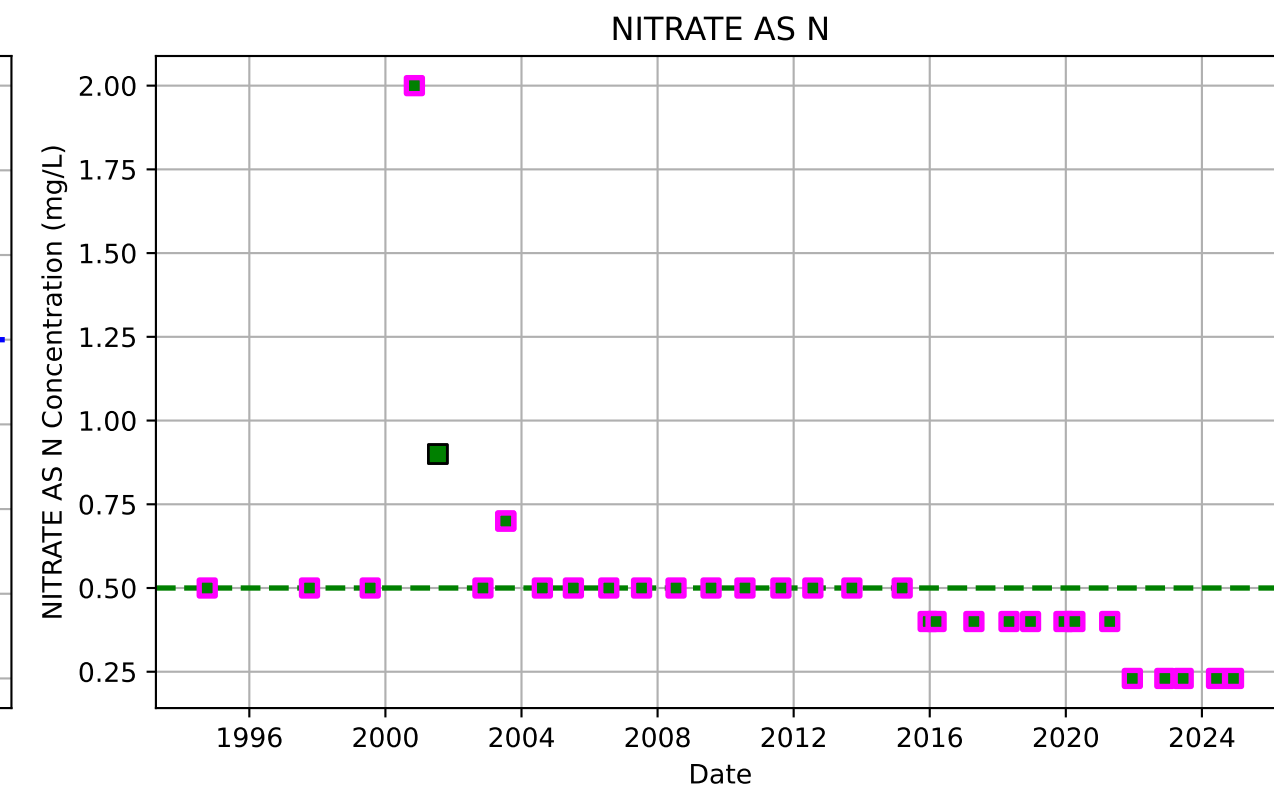
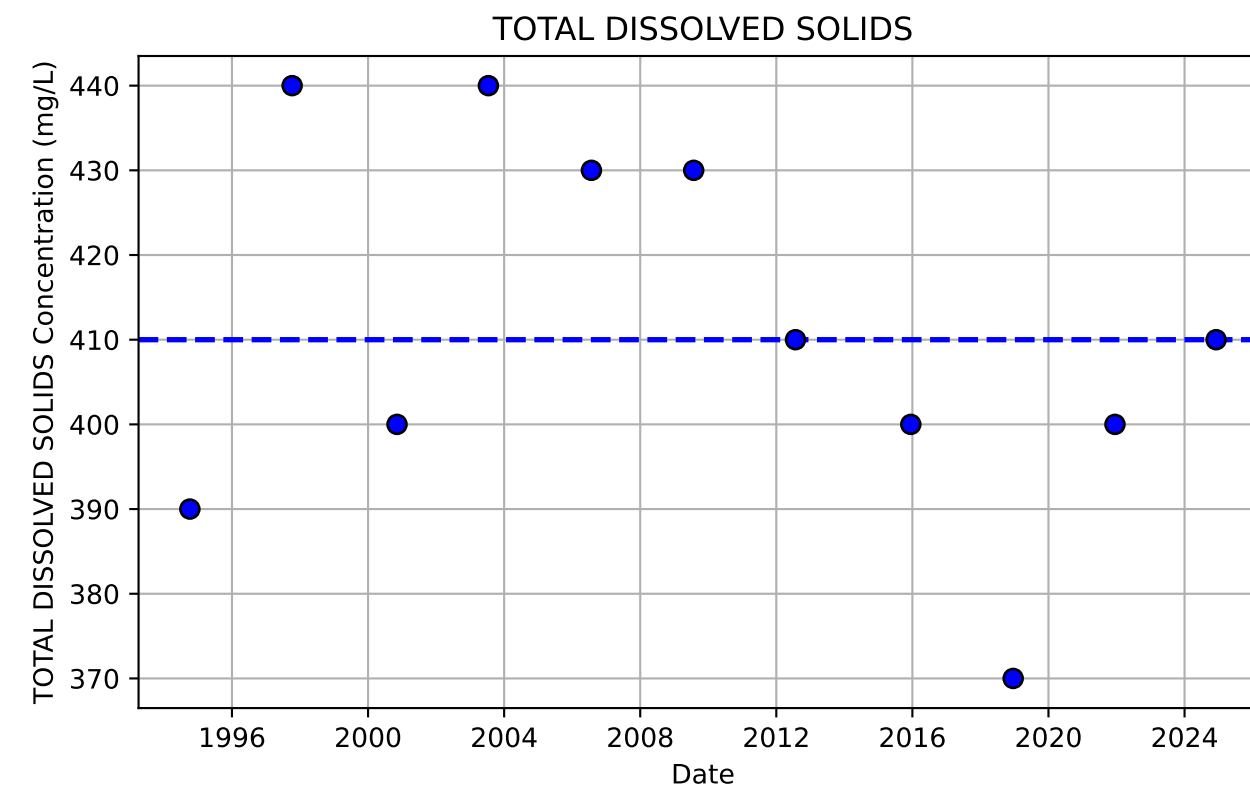
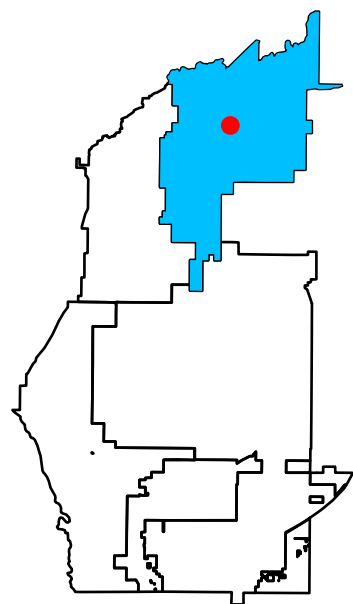
Water Quality RMS Well 1610003-028
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



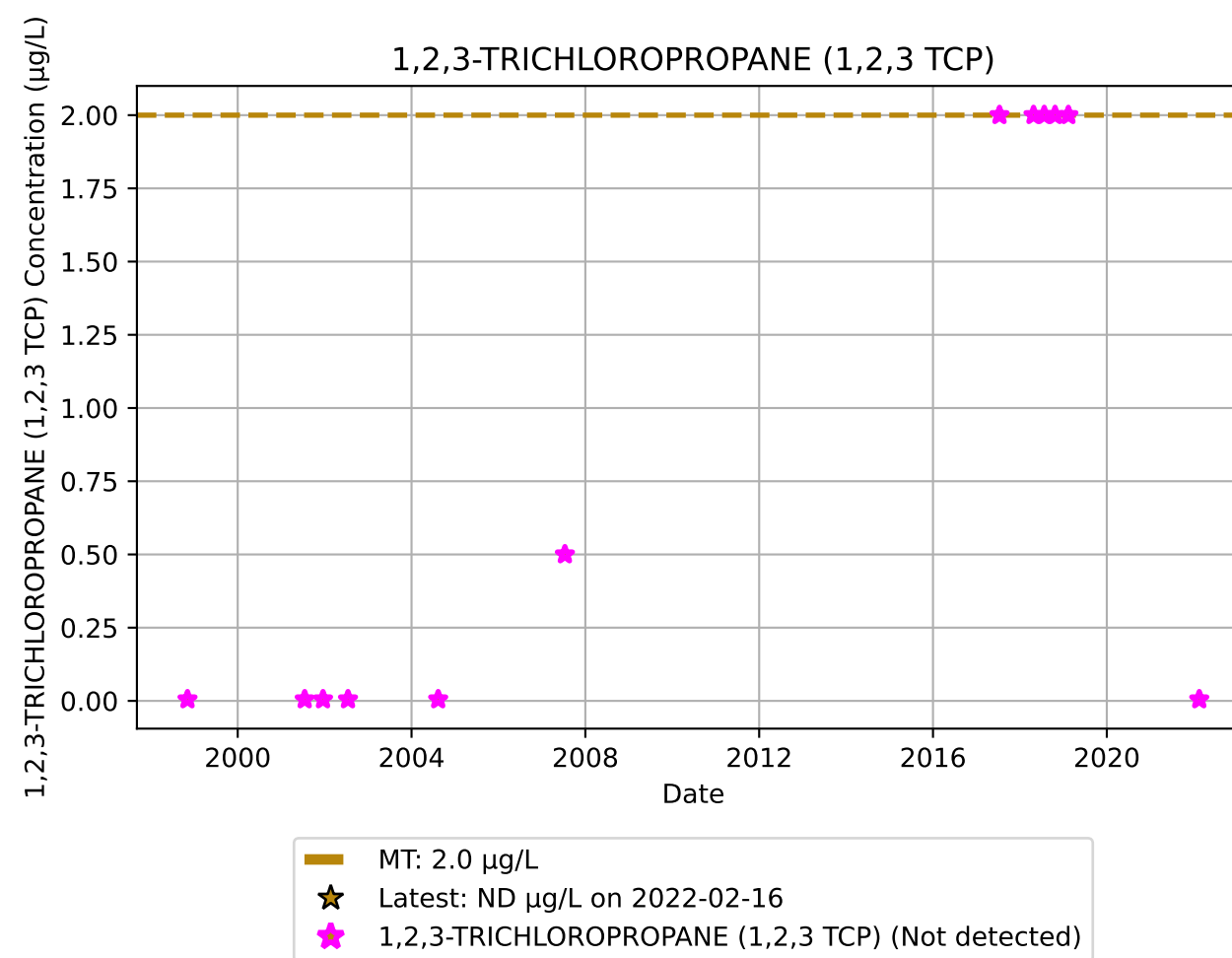
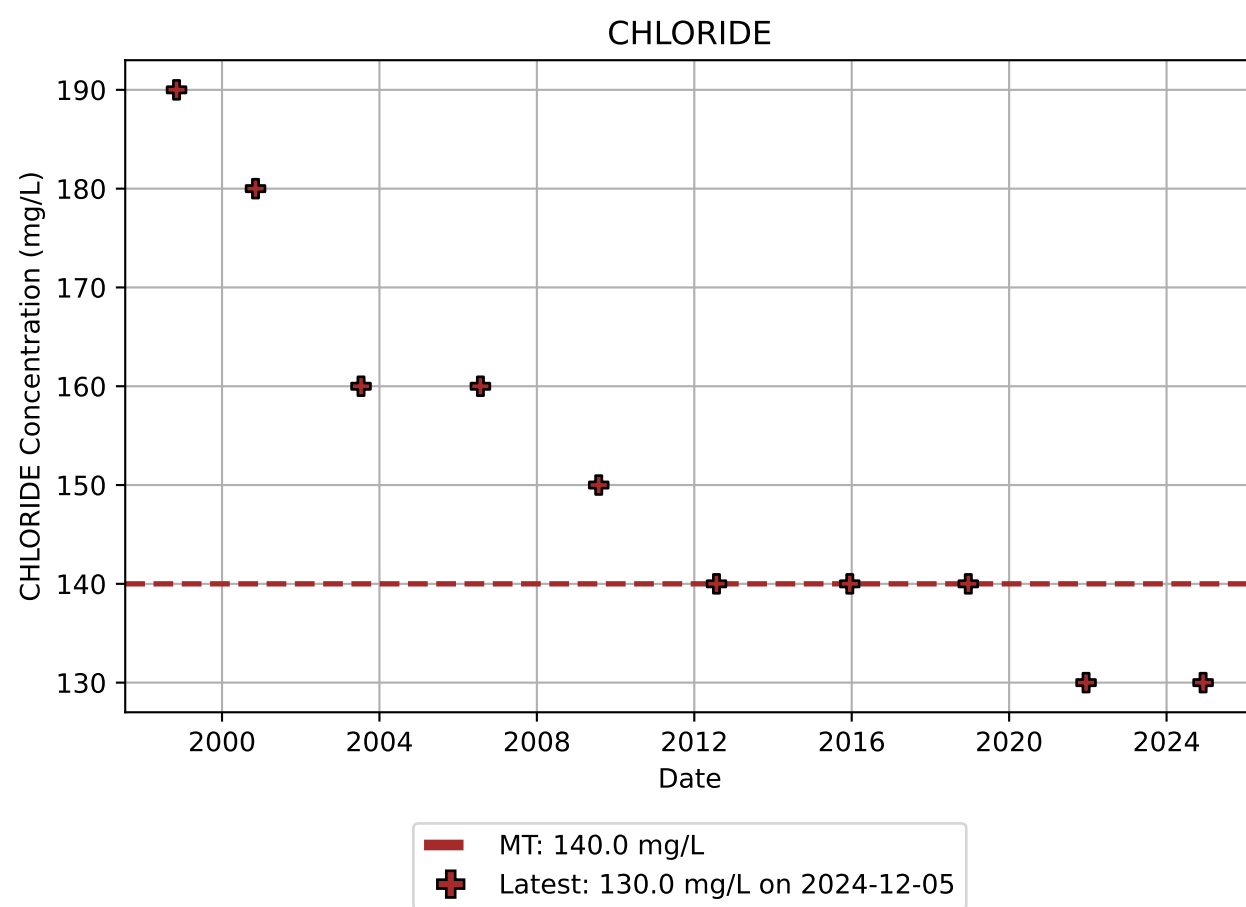
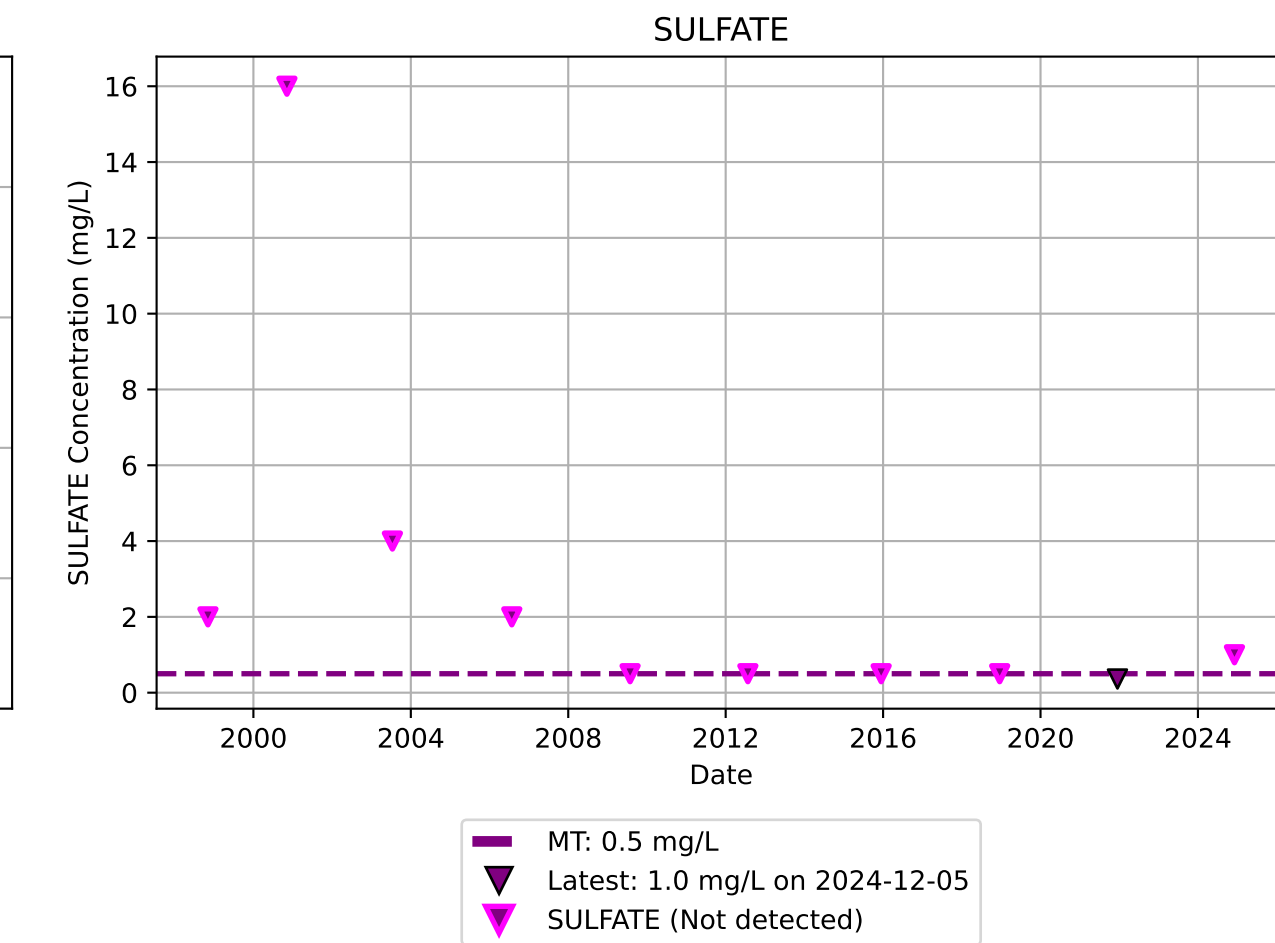
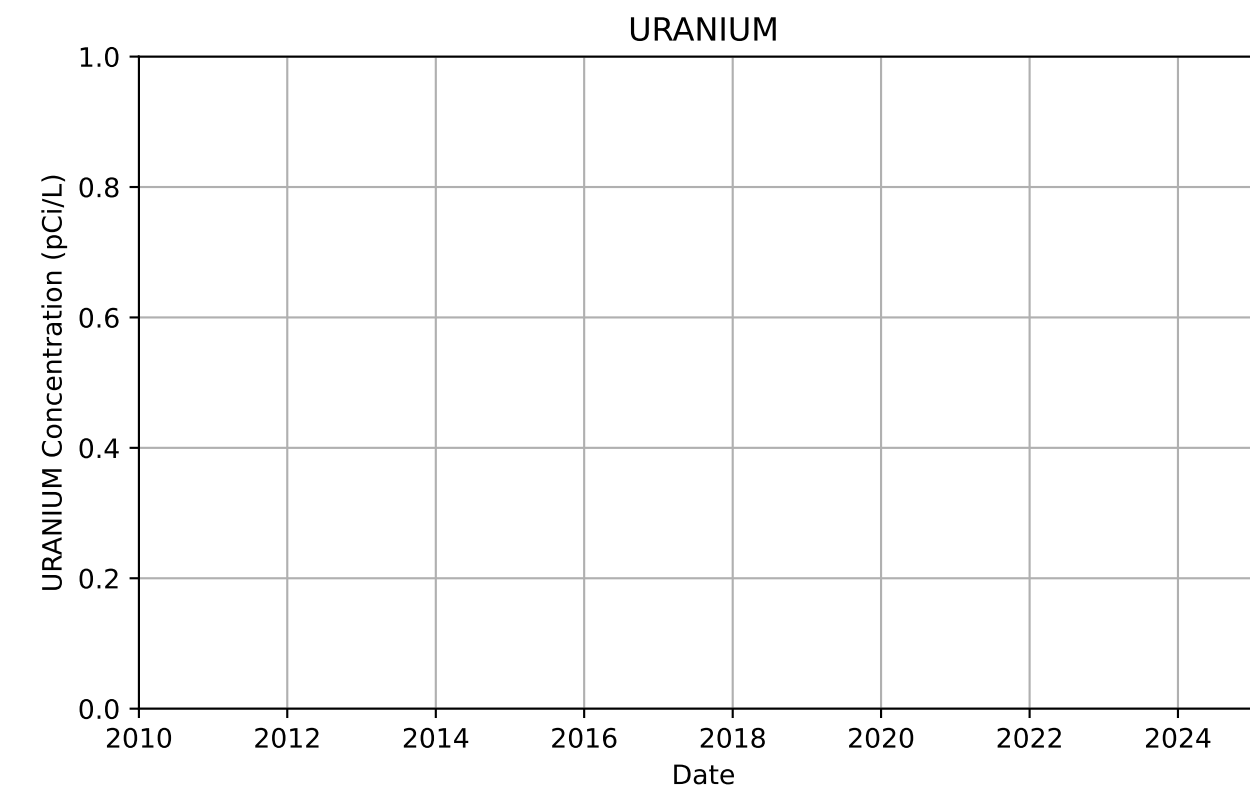
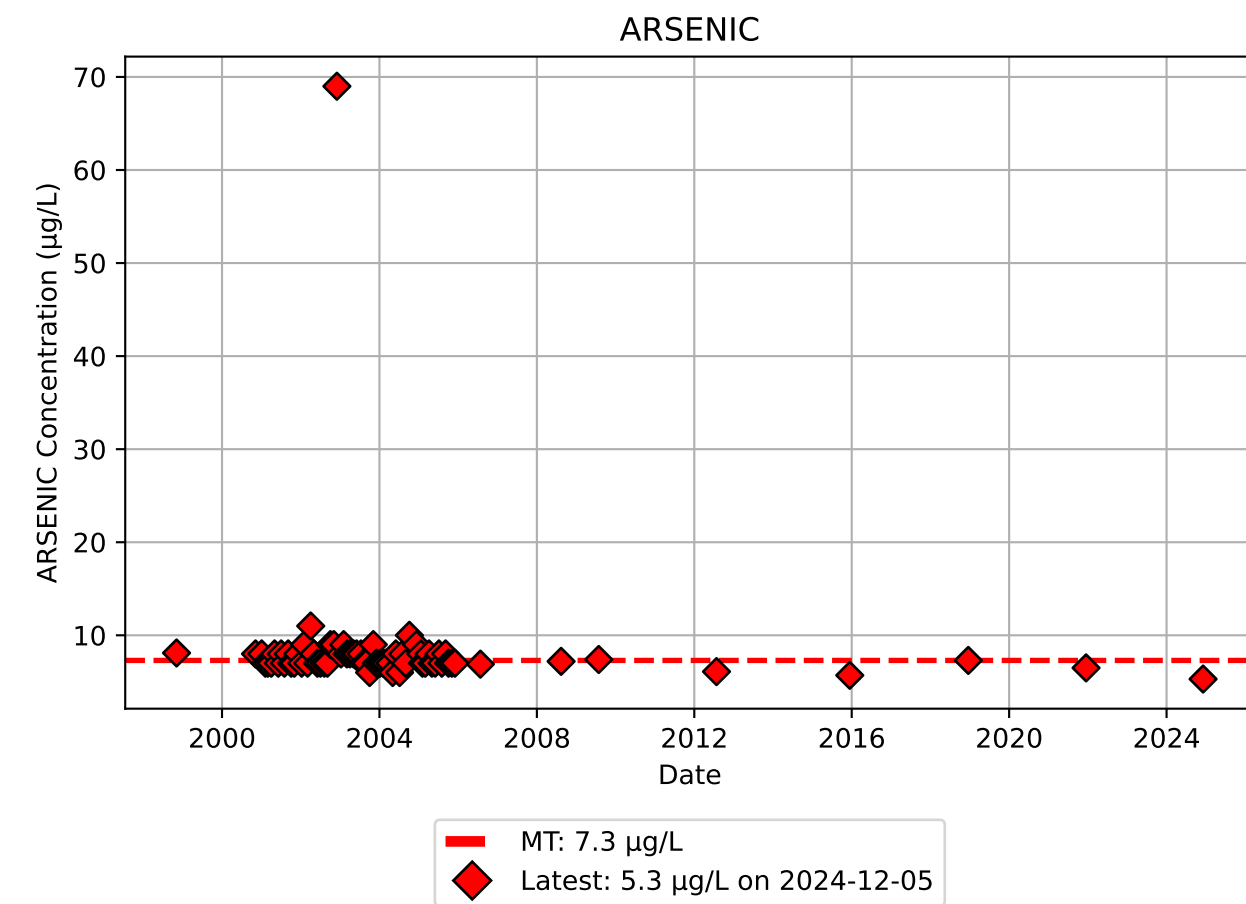
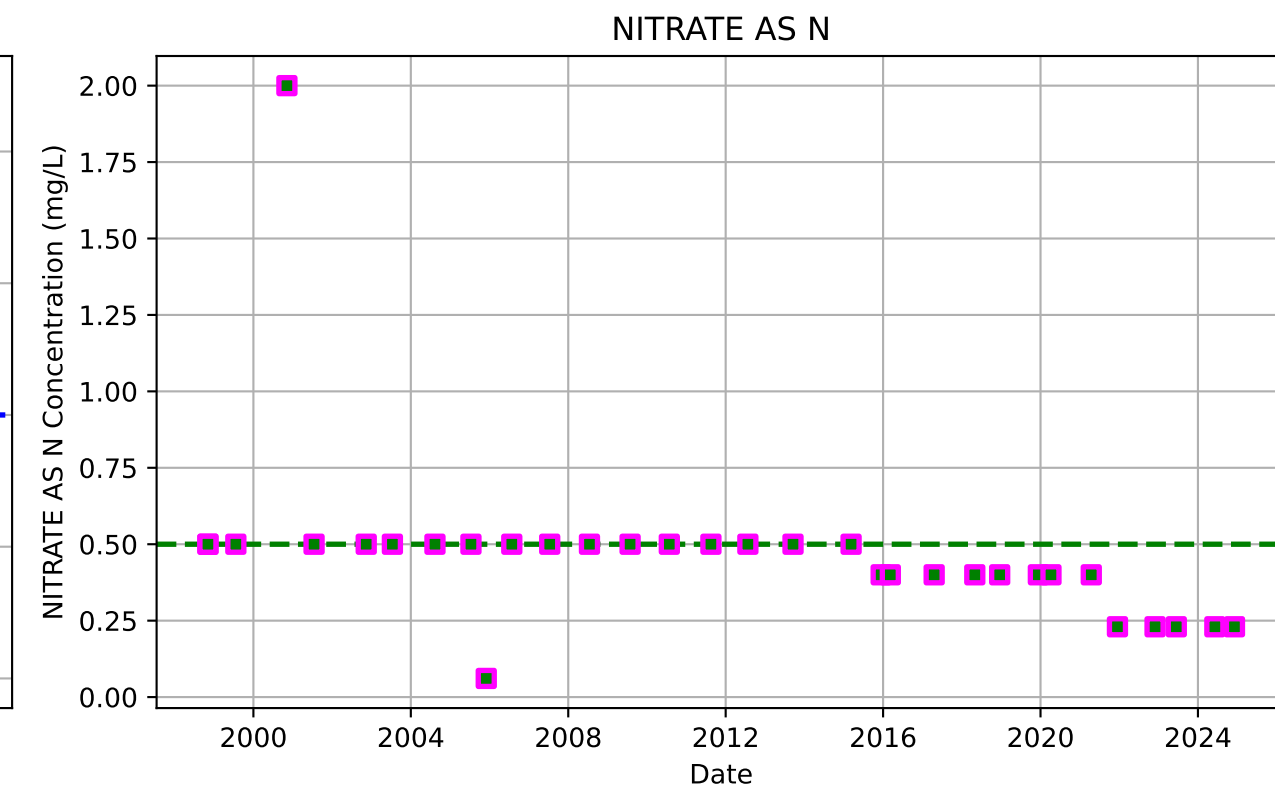
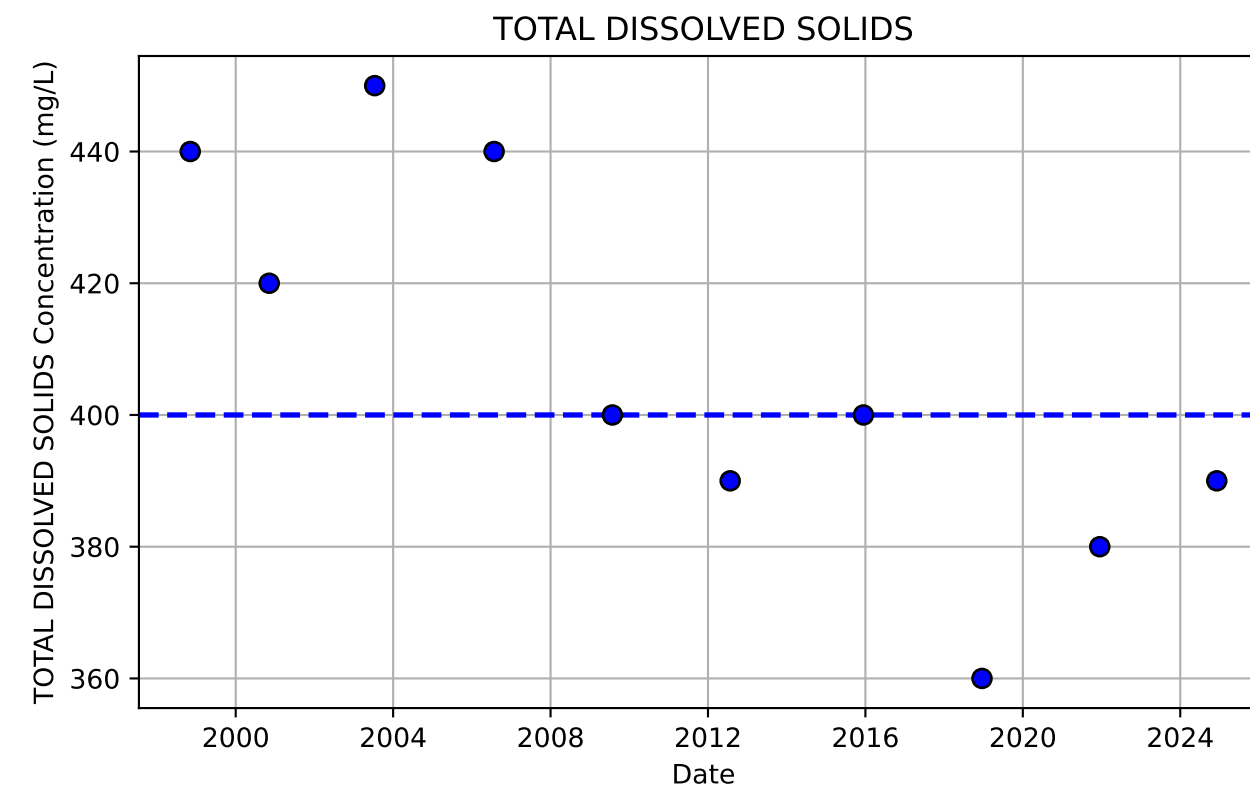
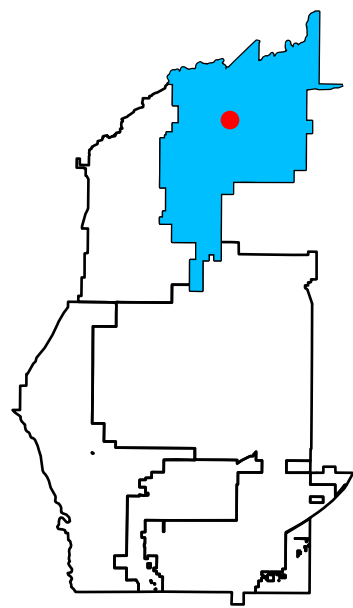
Water Quality RMS Well 1610003-031
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



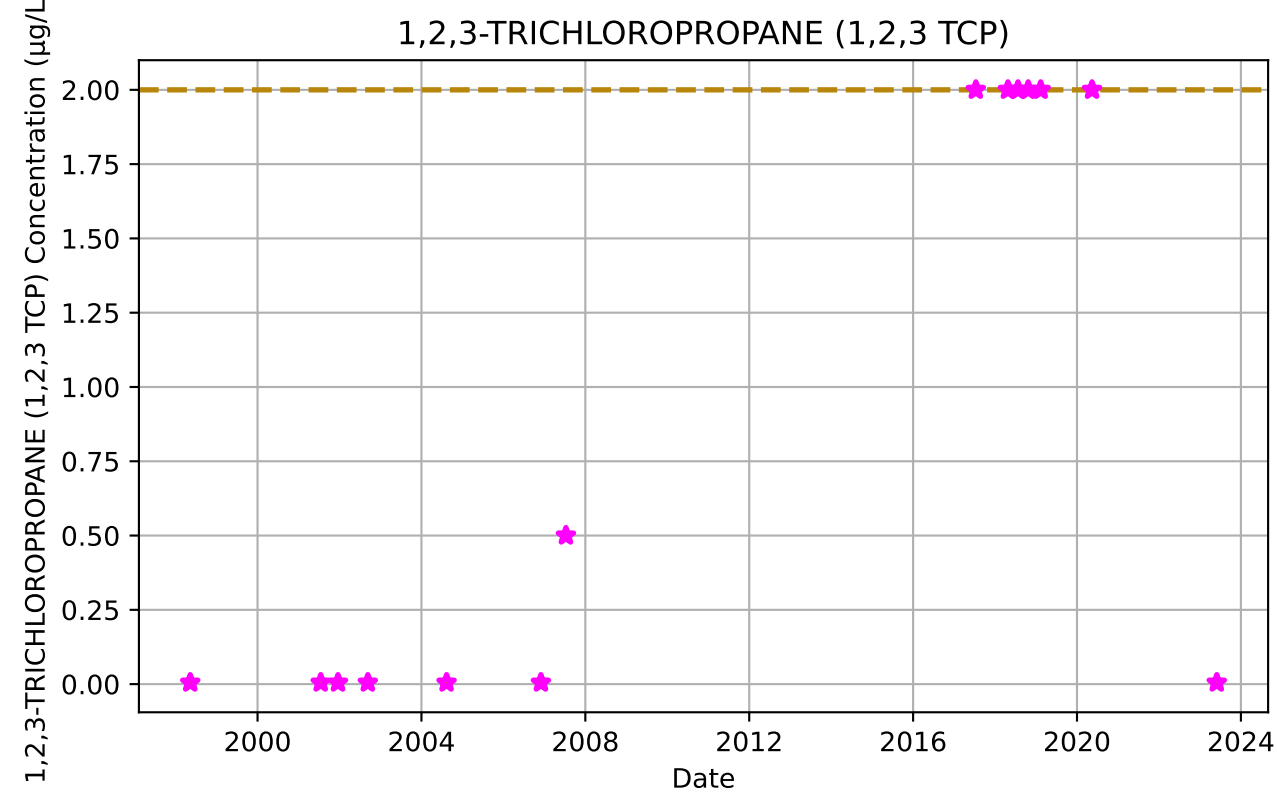
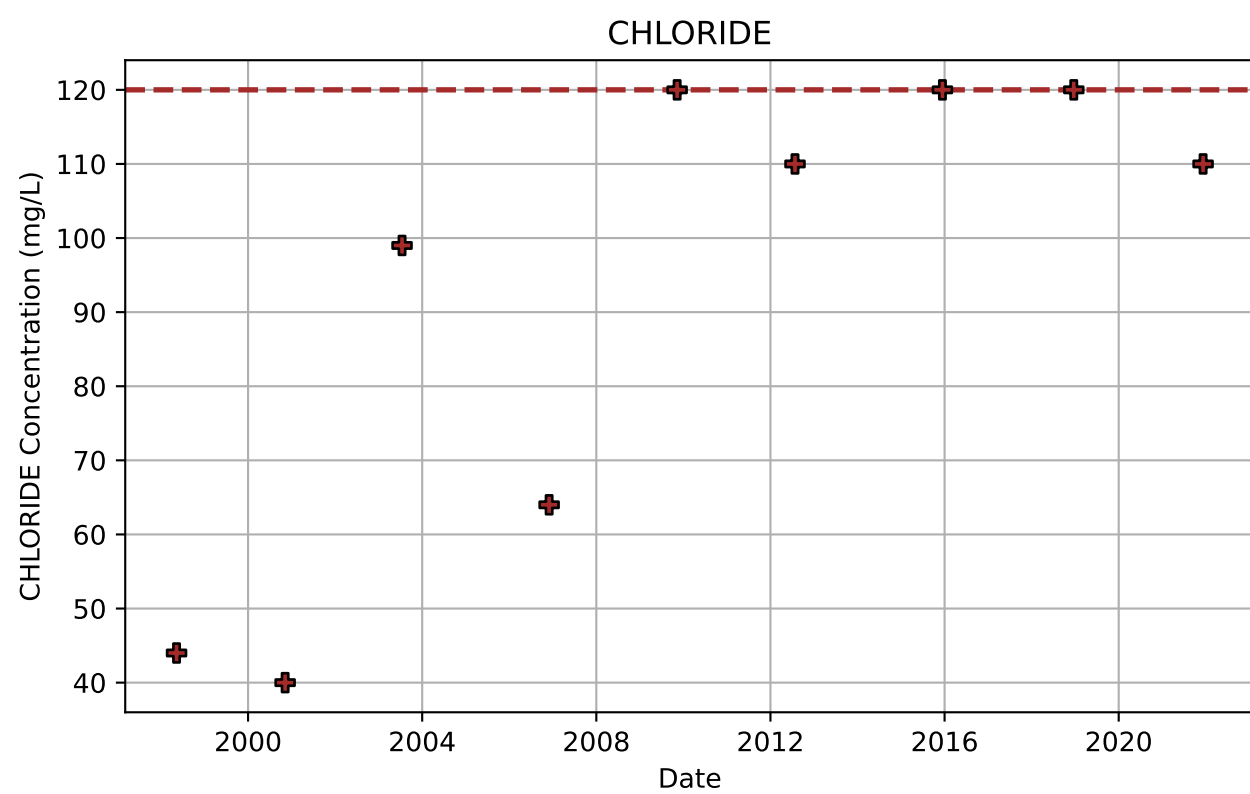
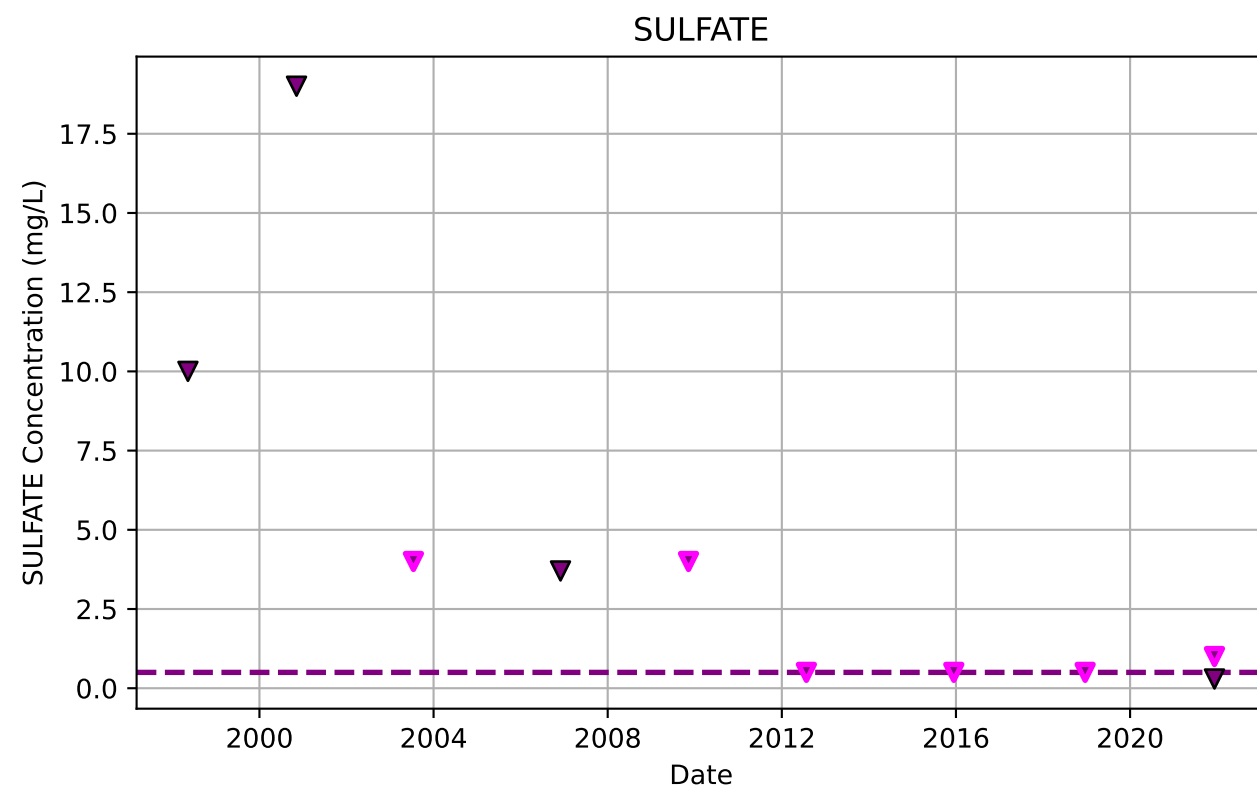
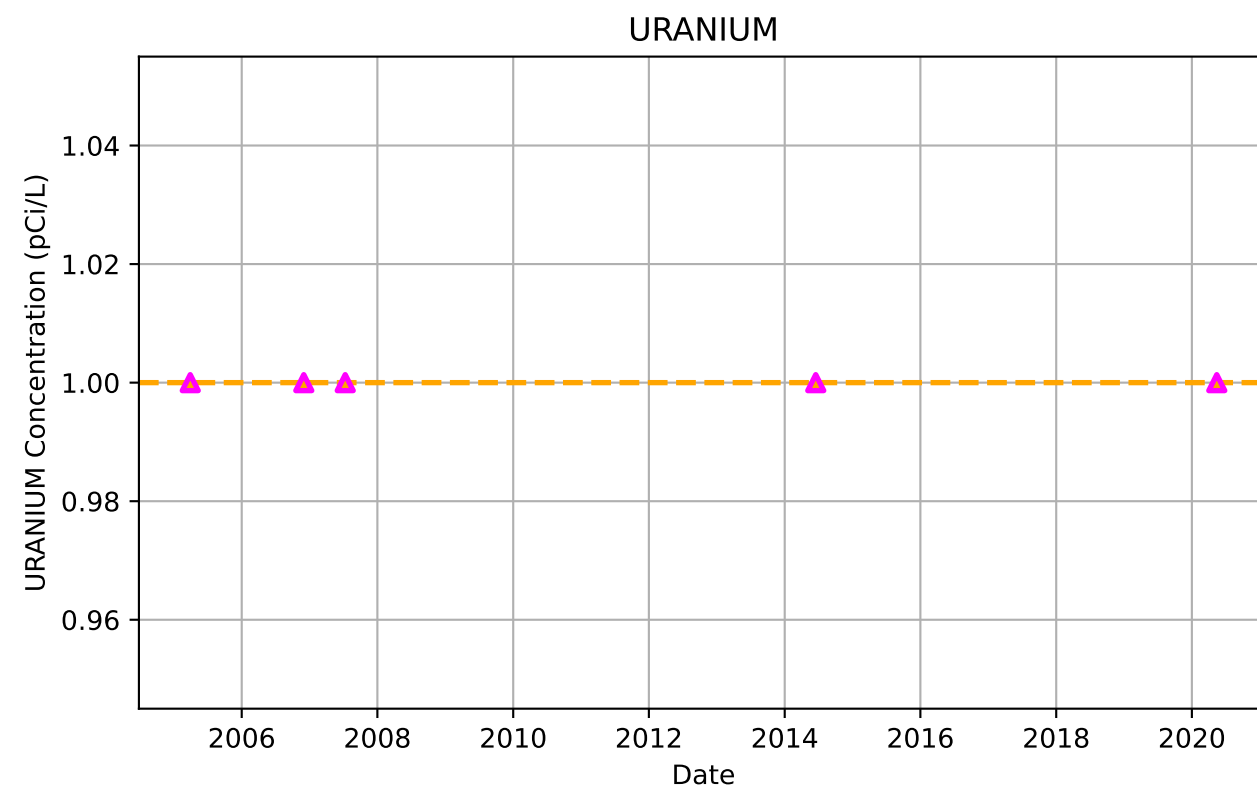
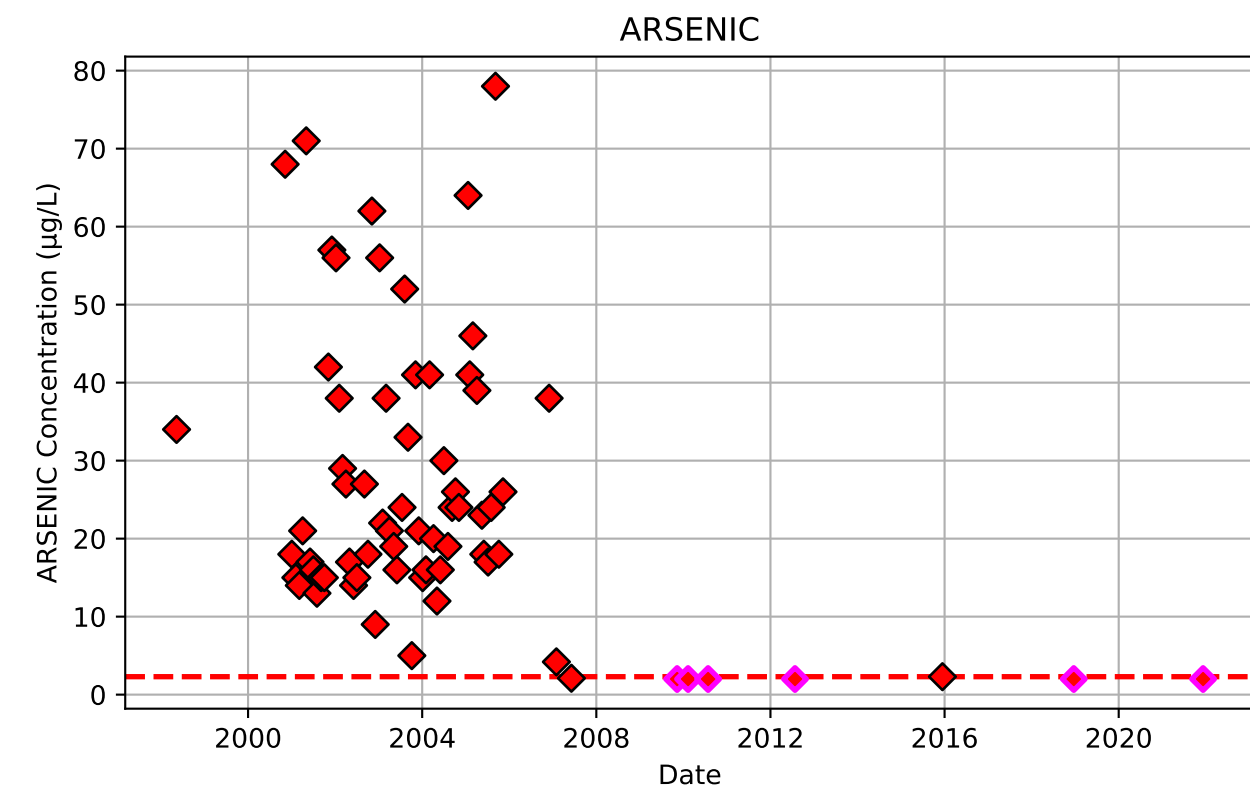
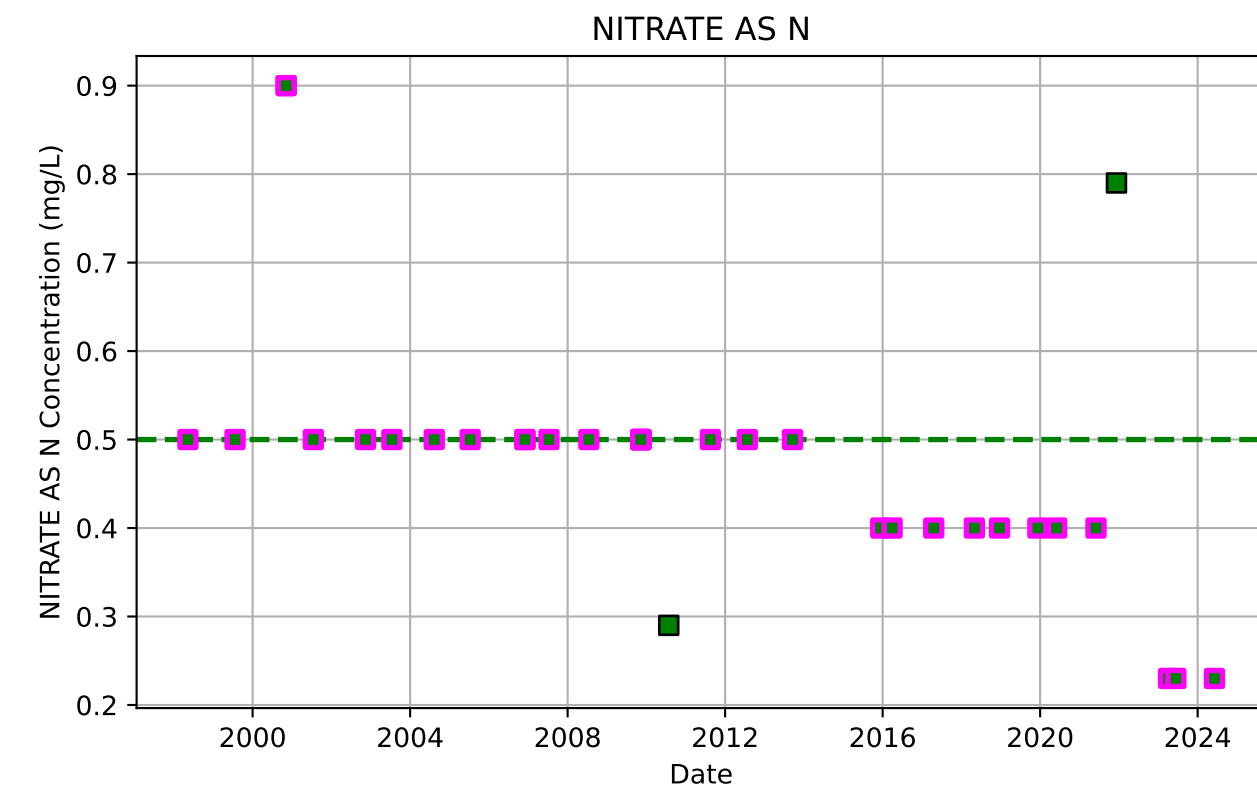
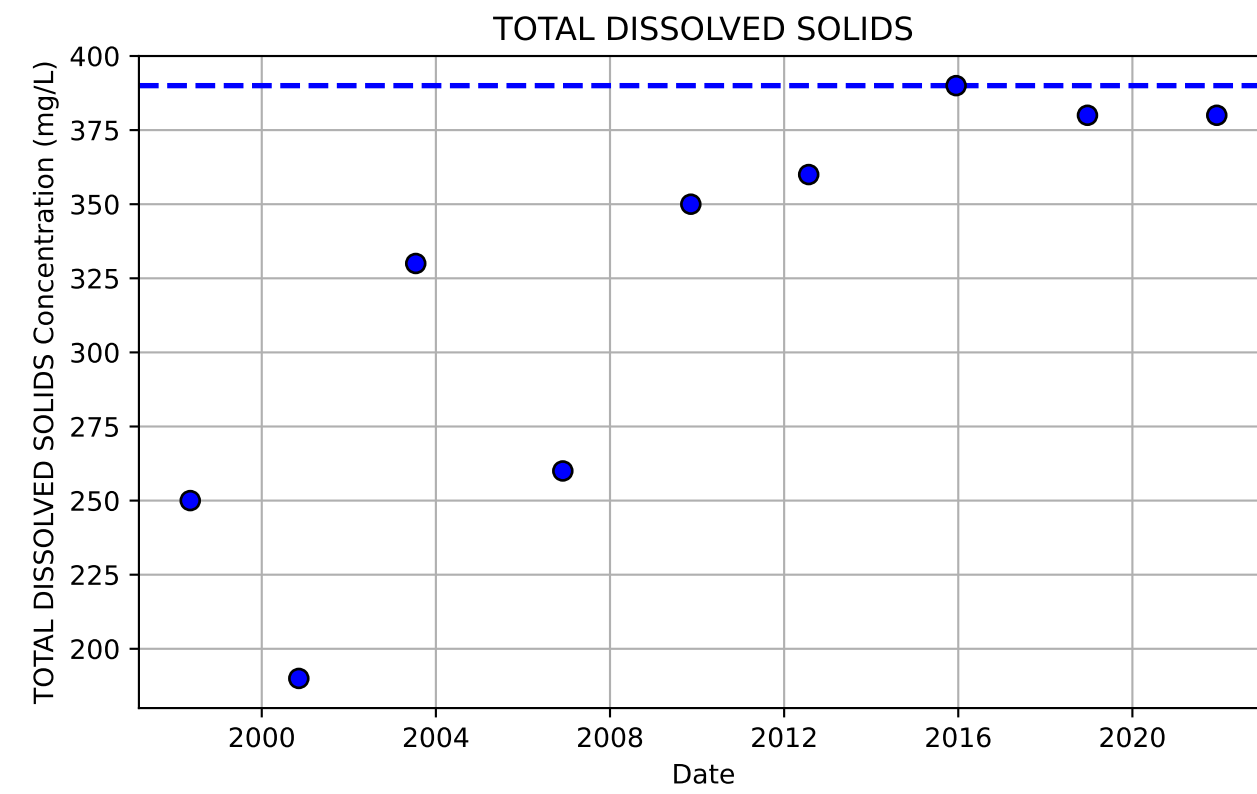
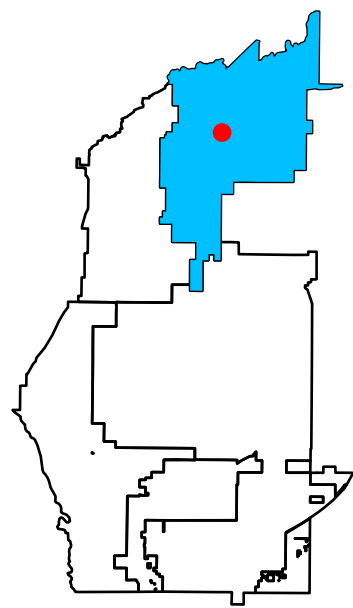
Water Quality RMS Well 1610003-033
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



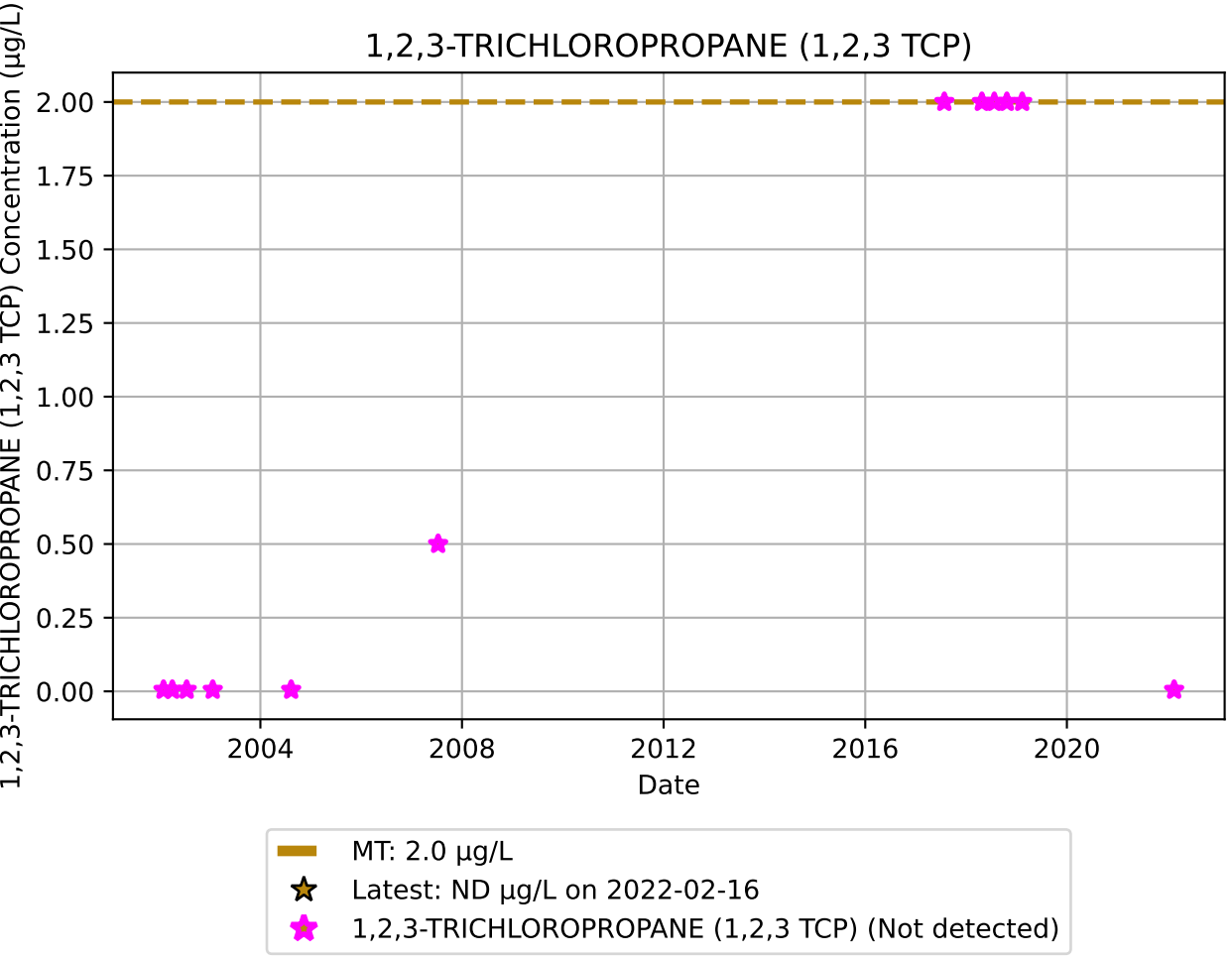
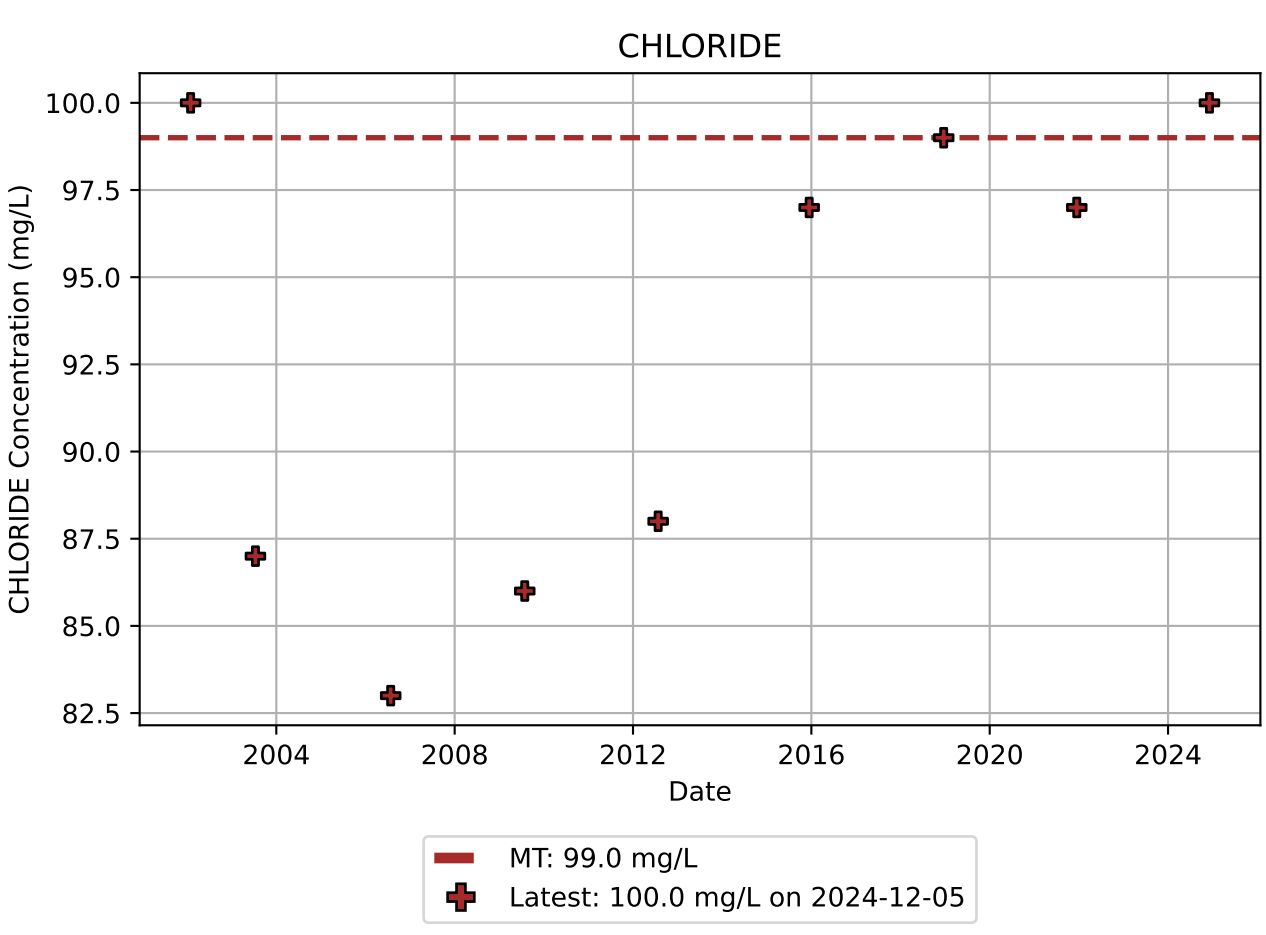
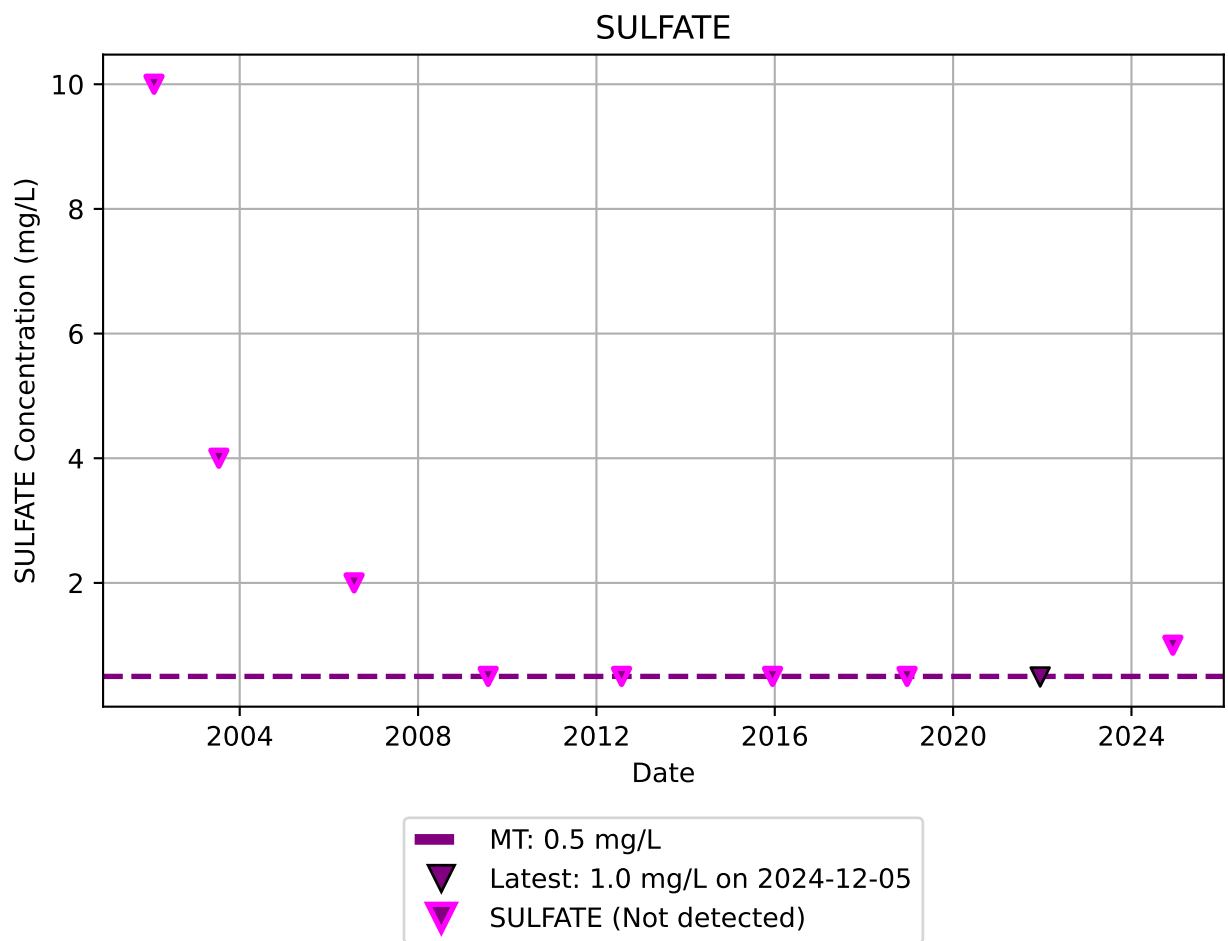
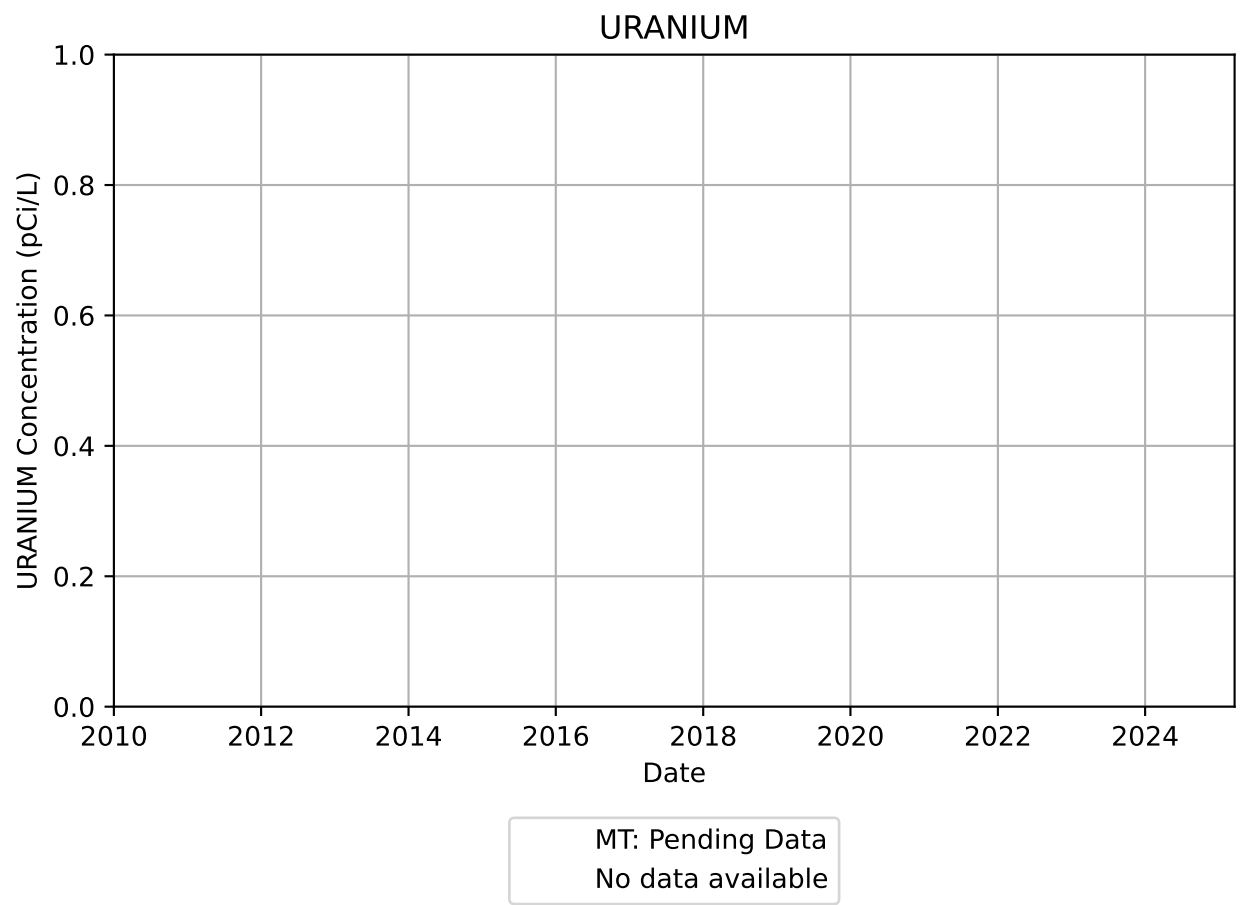
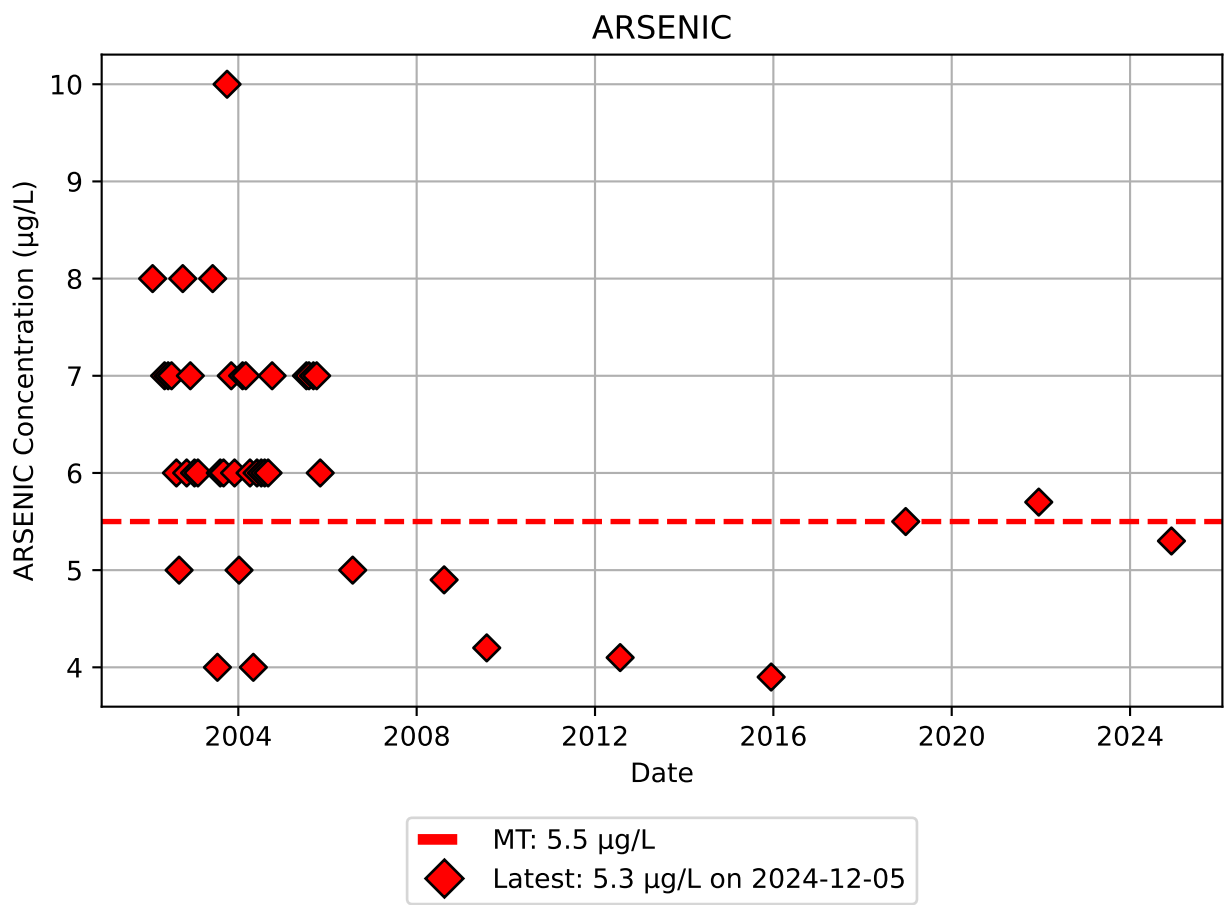
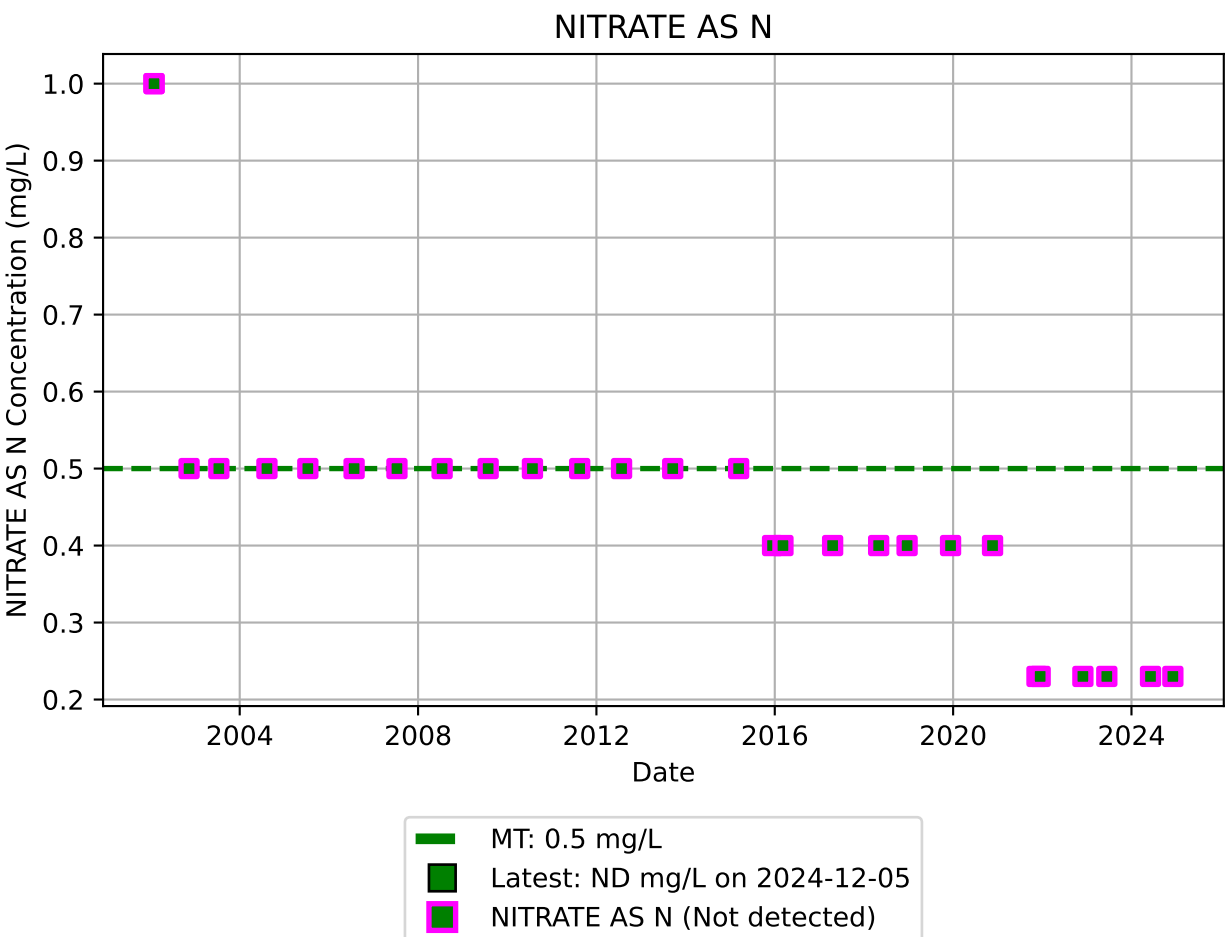
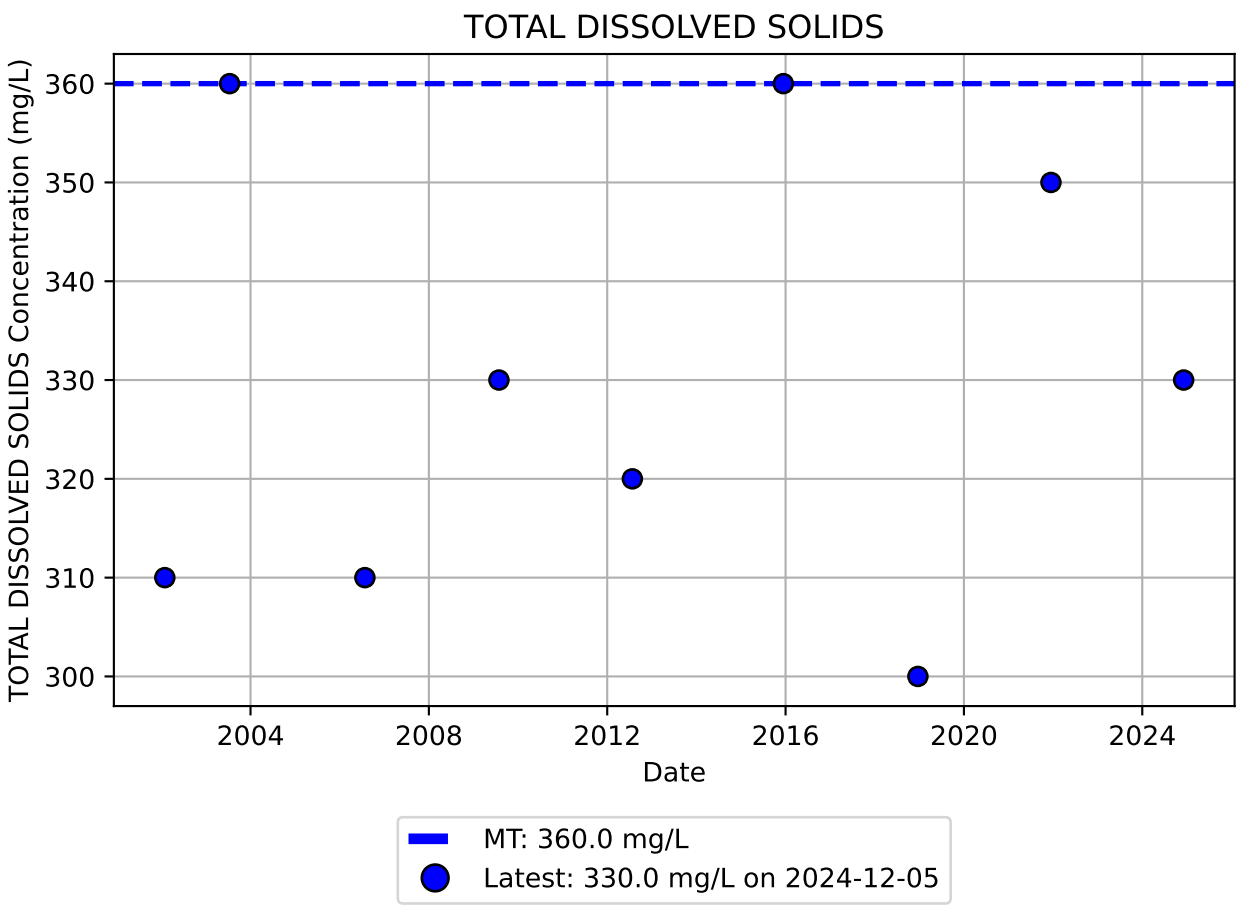
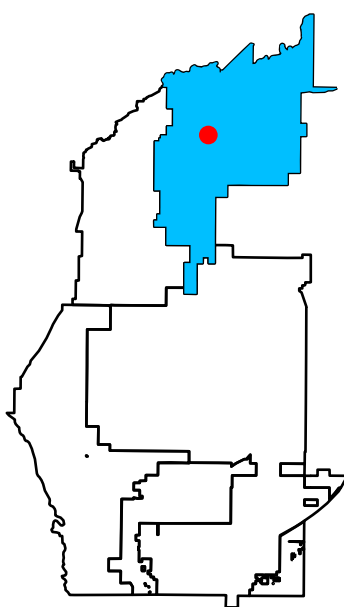
Water Quality RMS Well 1610003-034
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



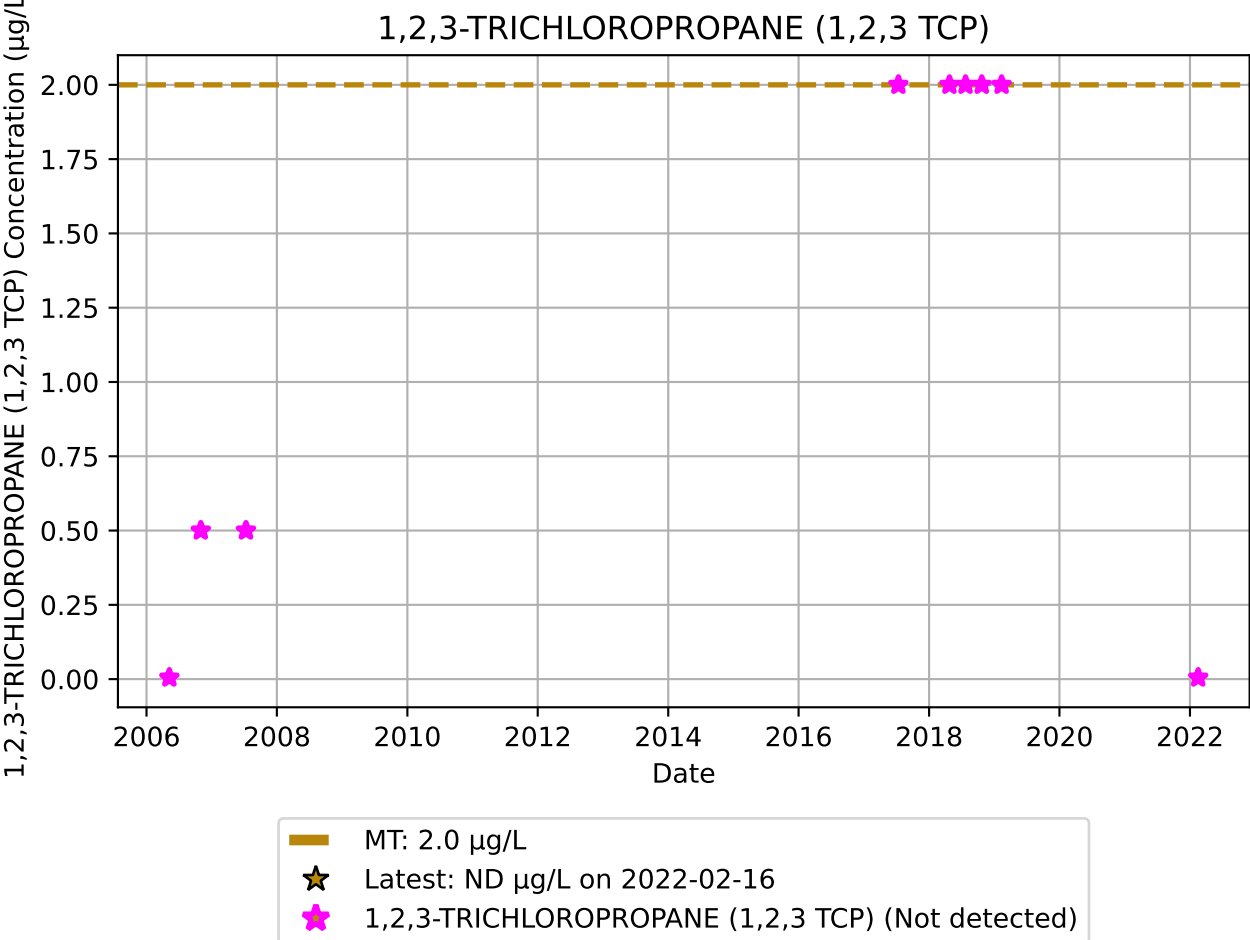
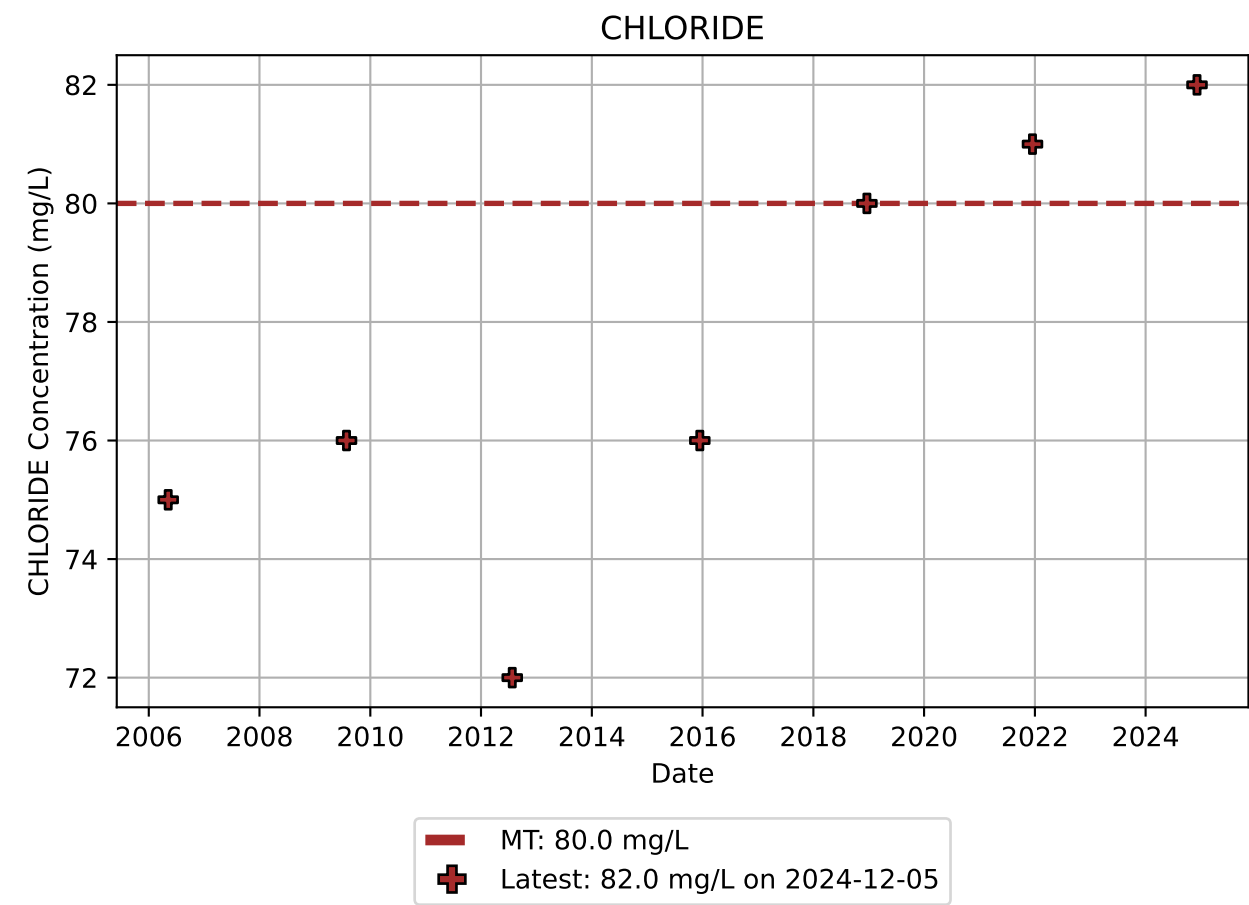
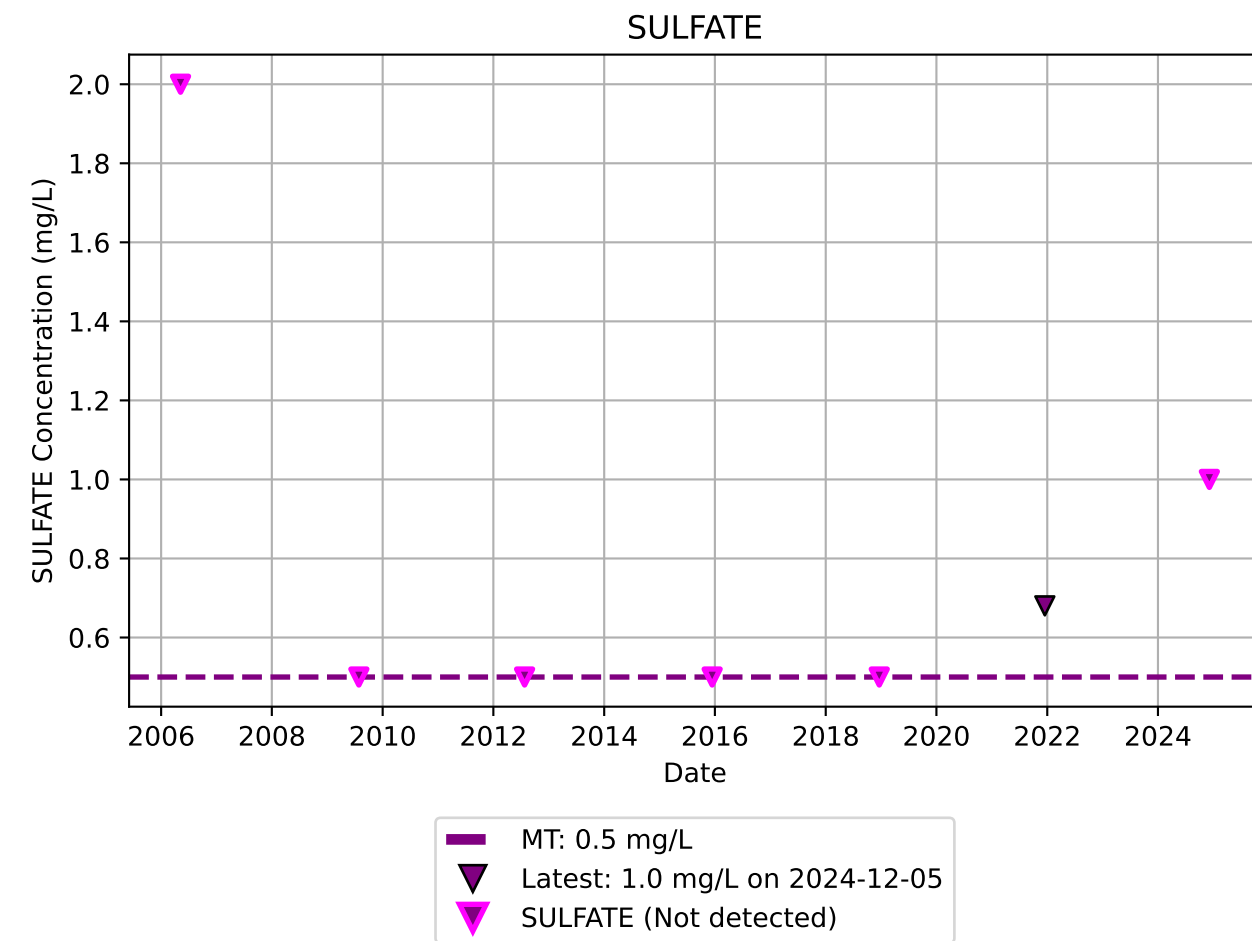
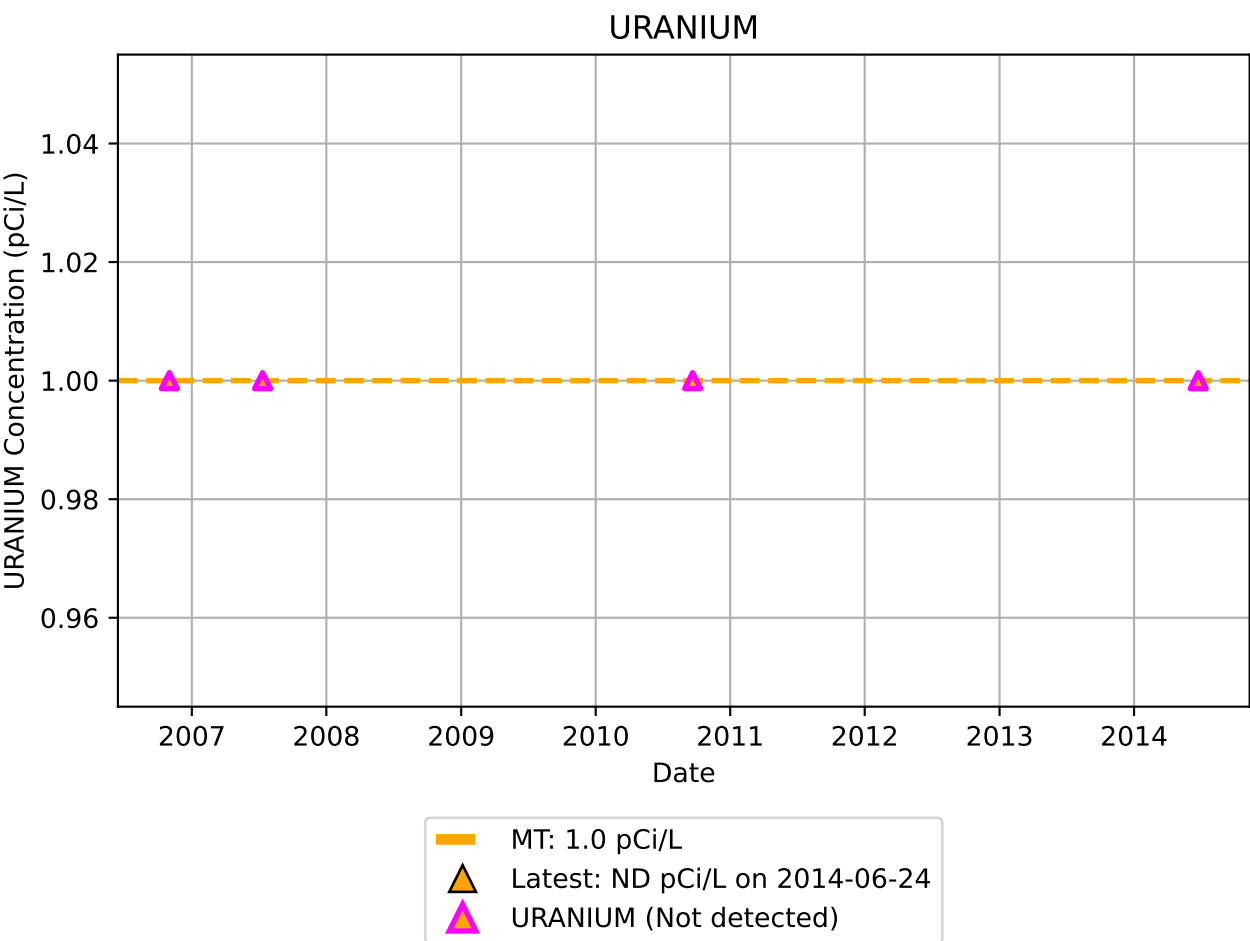
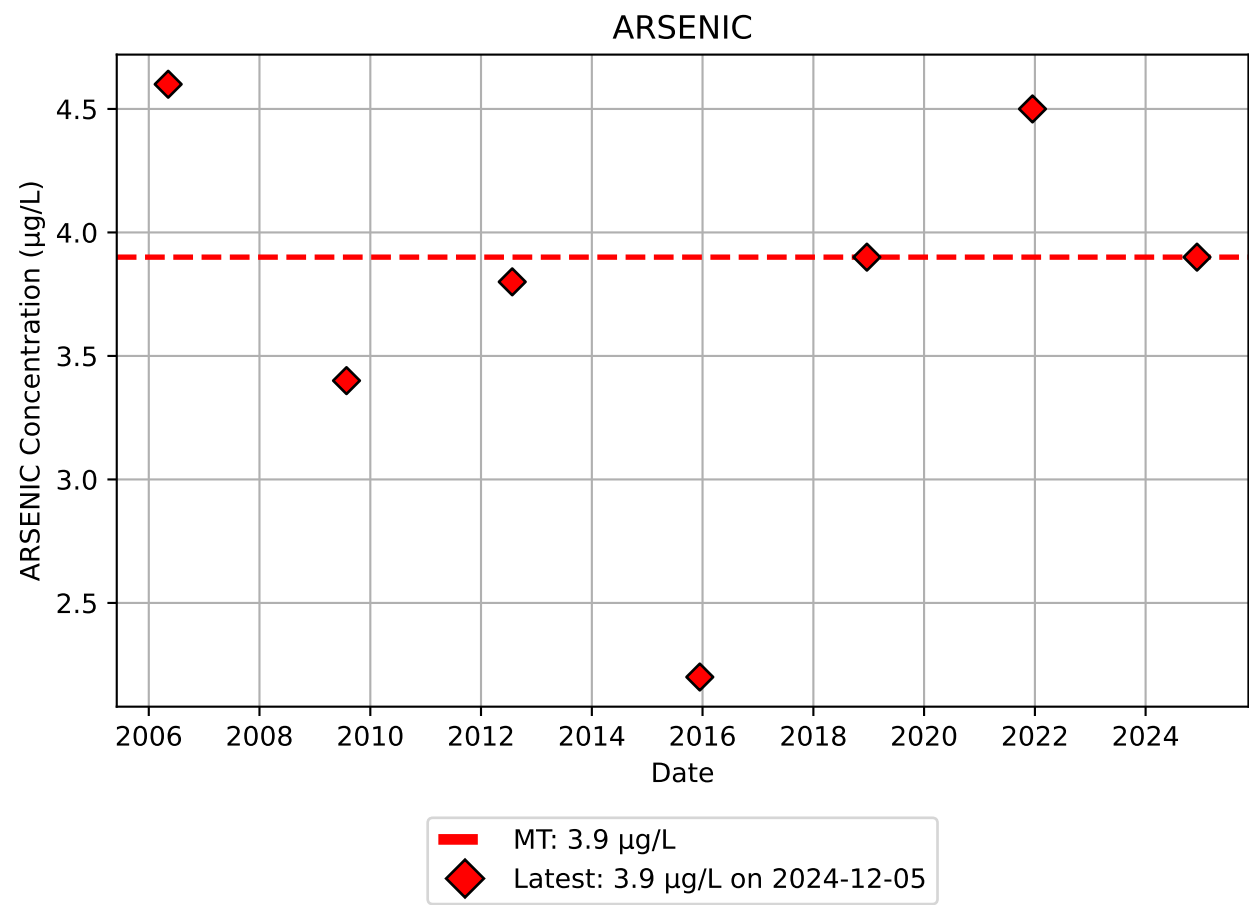
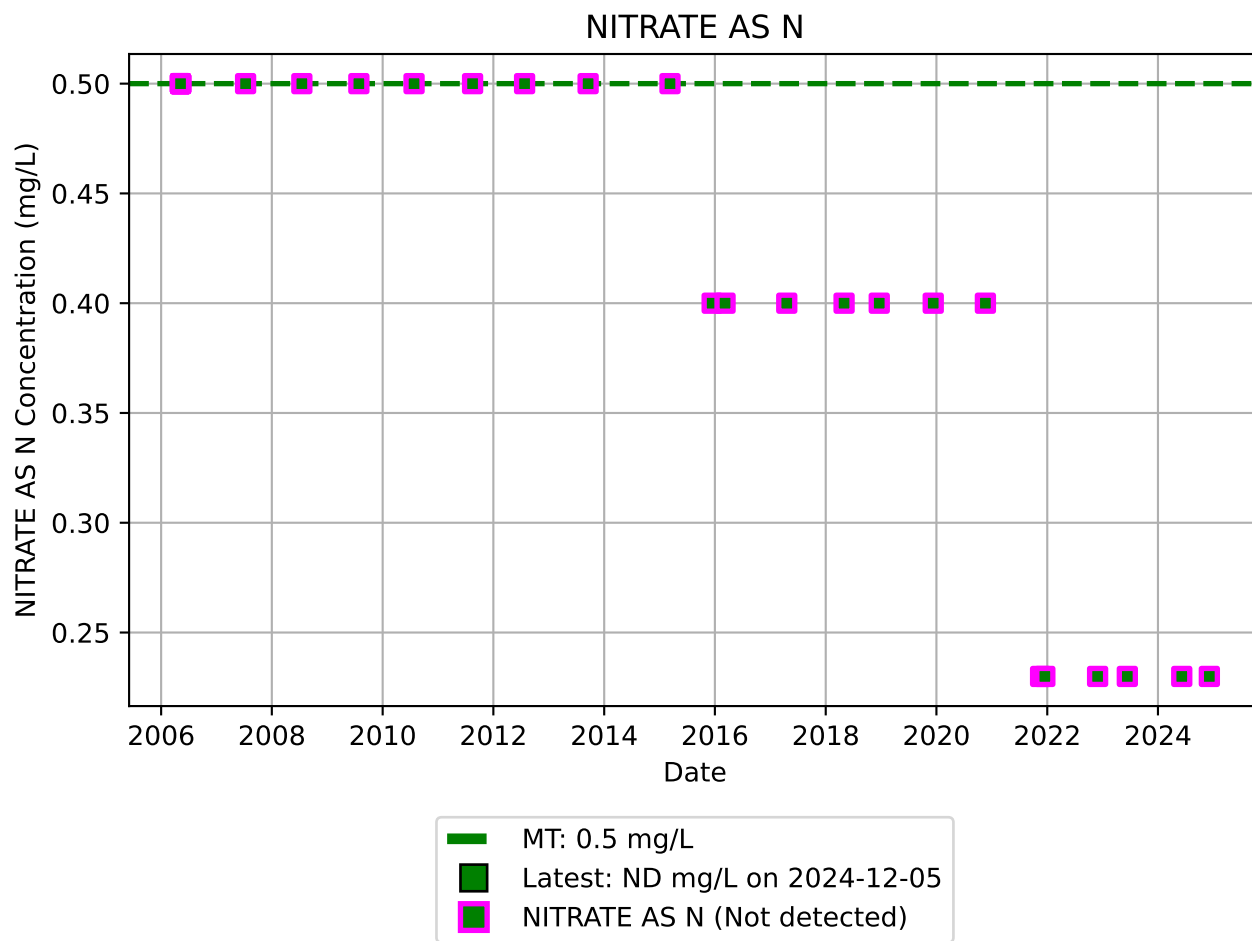
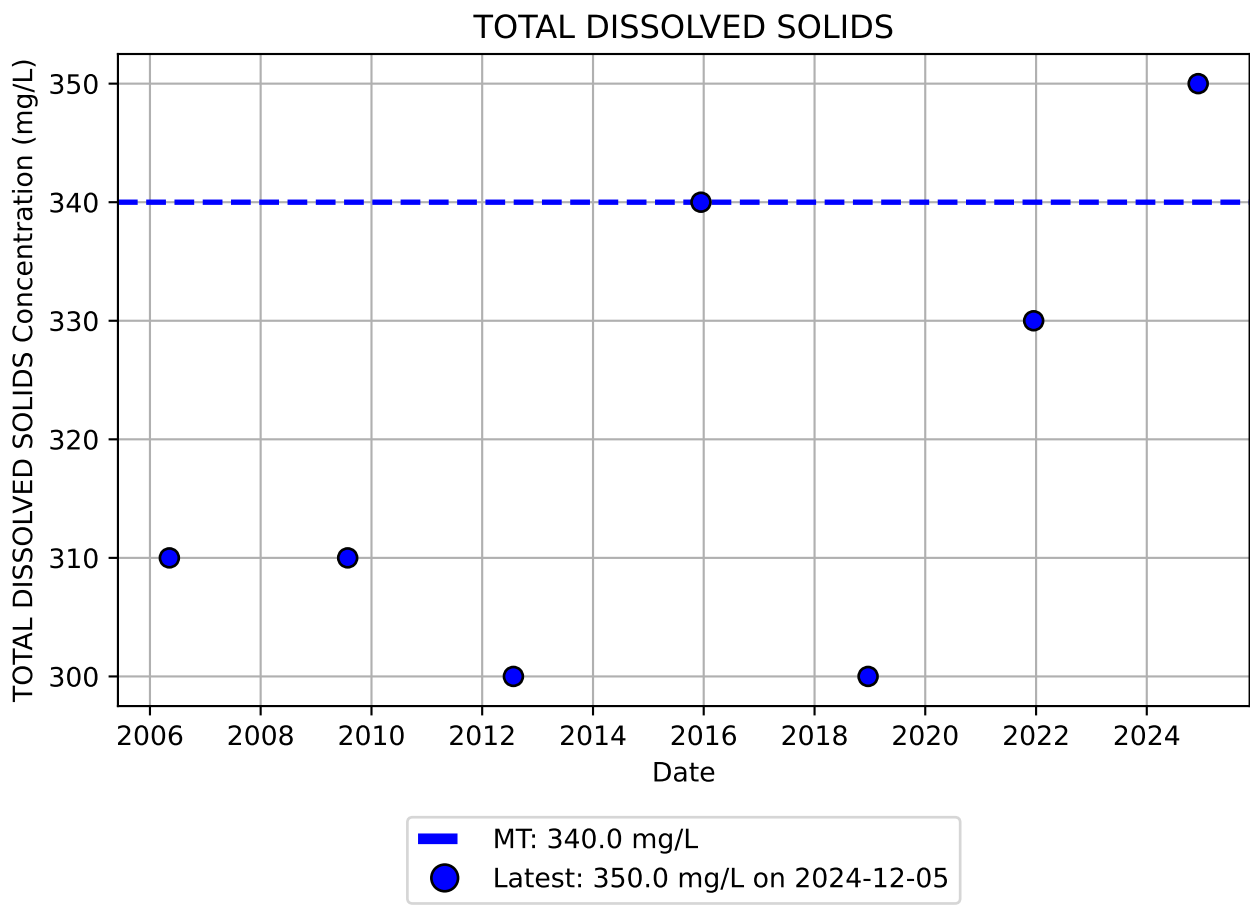
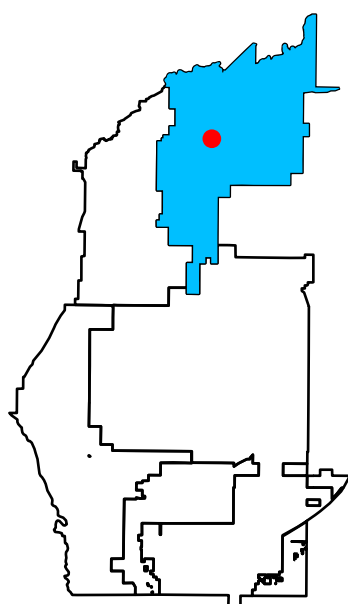
Water Quality RMS Well 1610003-036
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



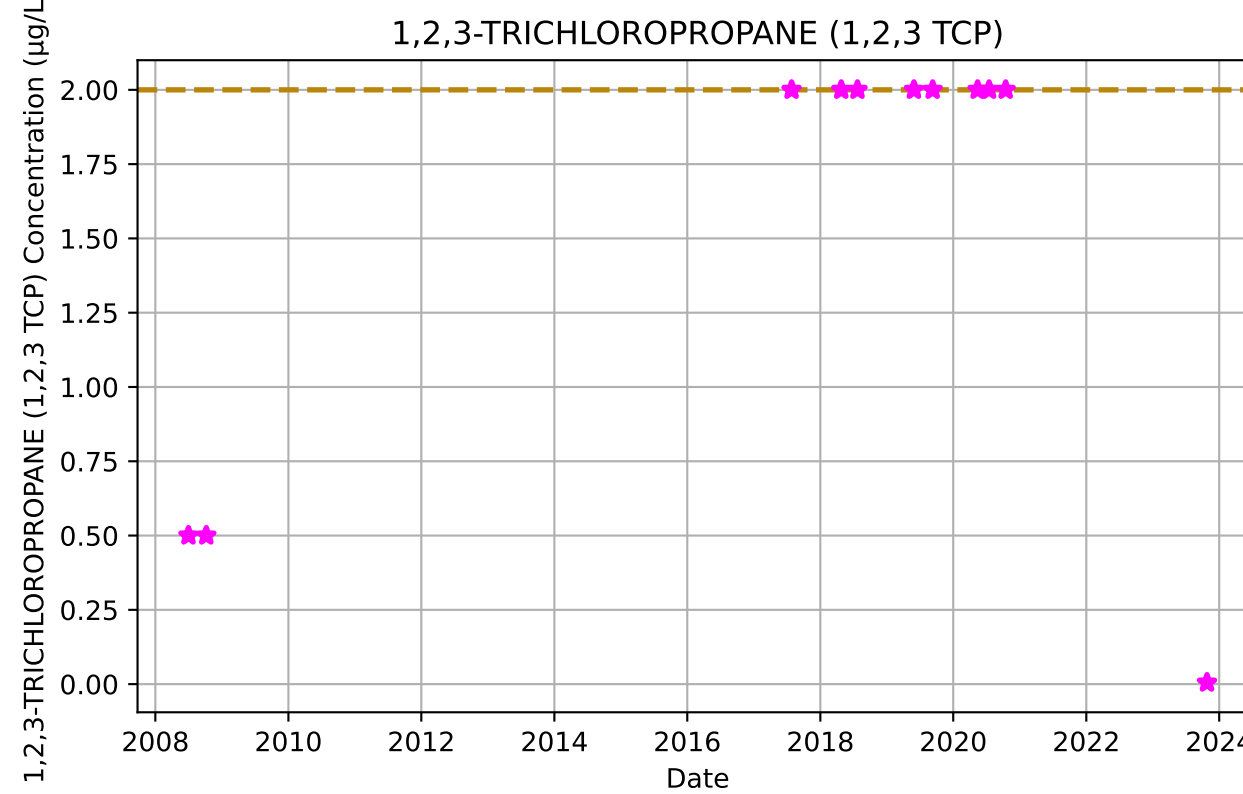
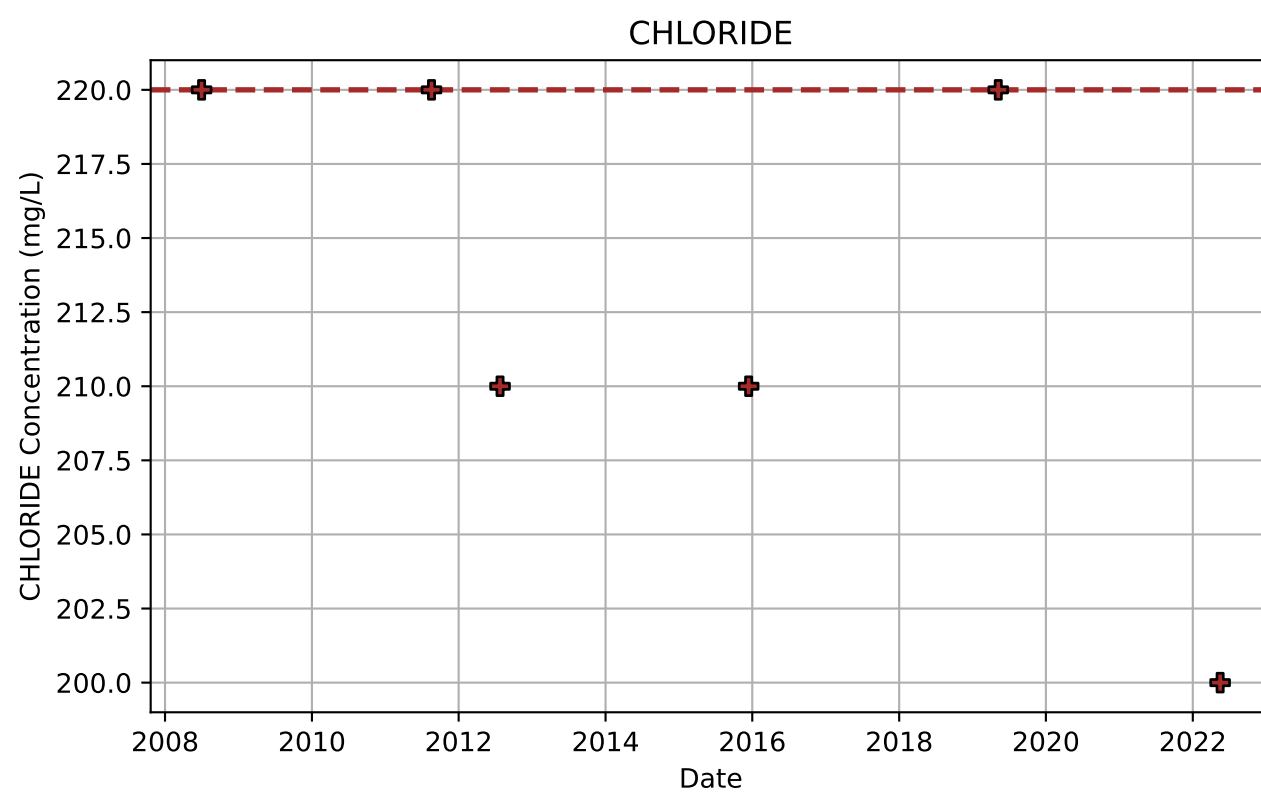
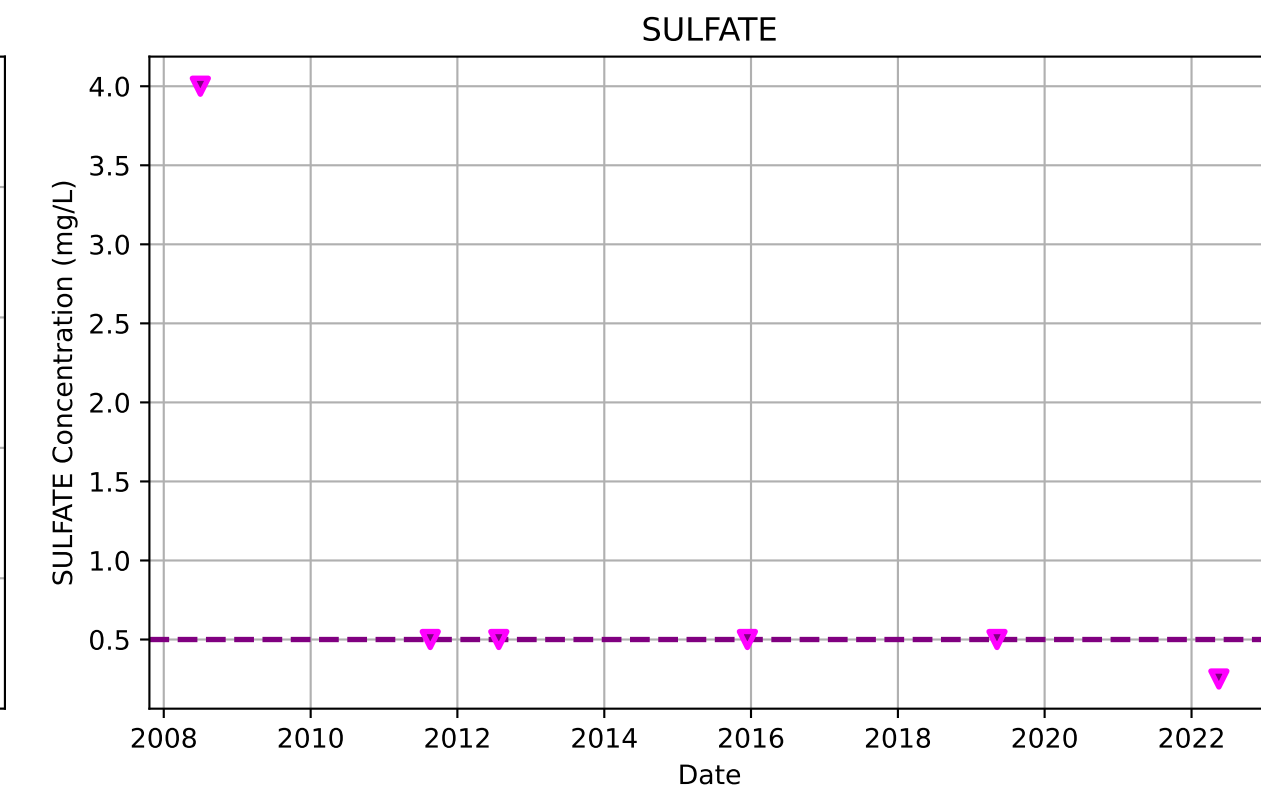
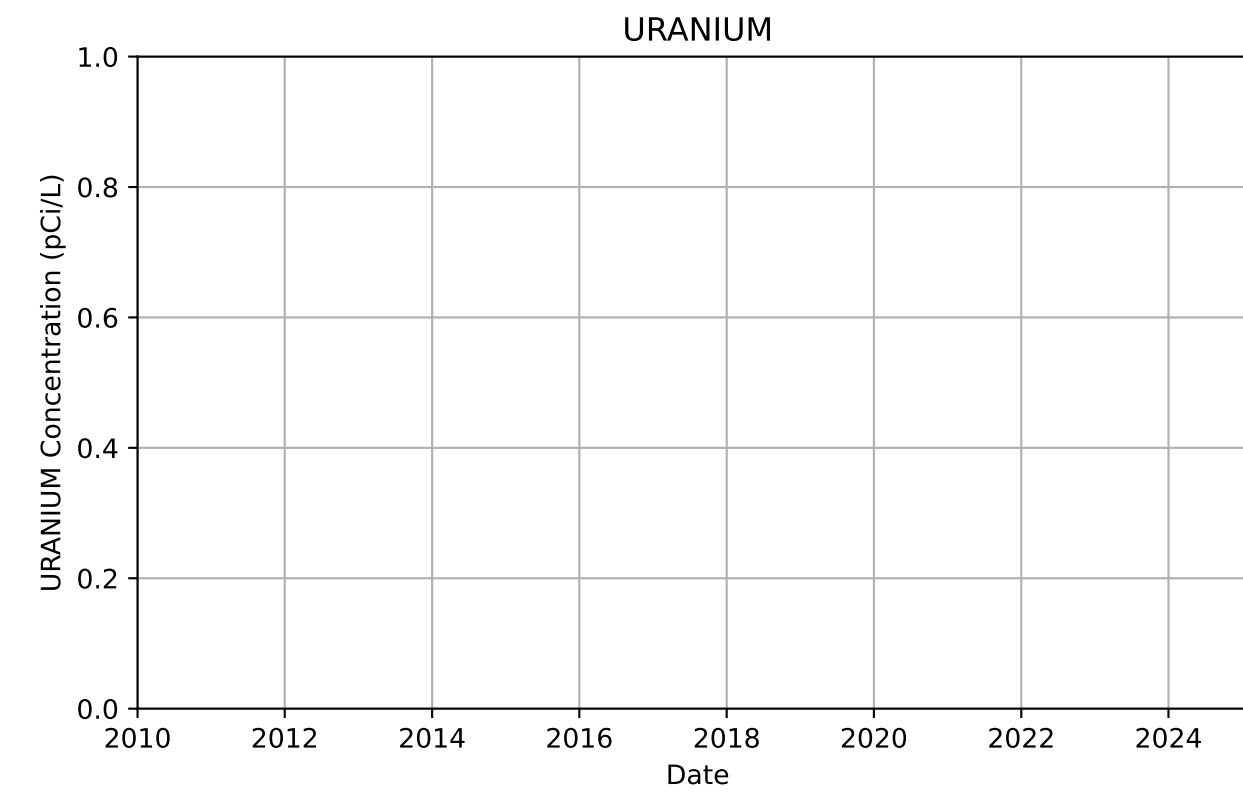
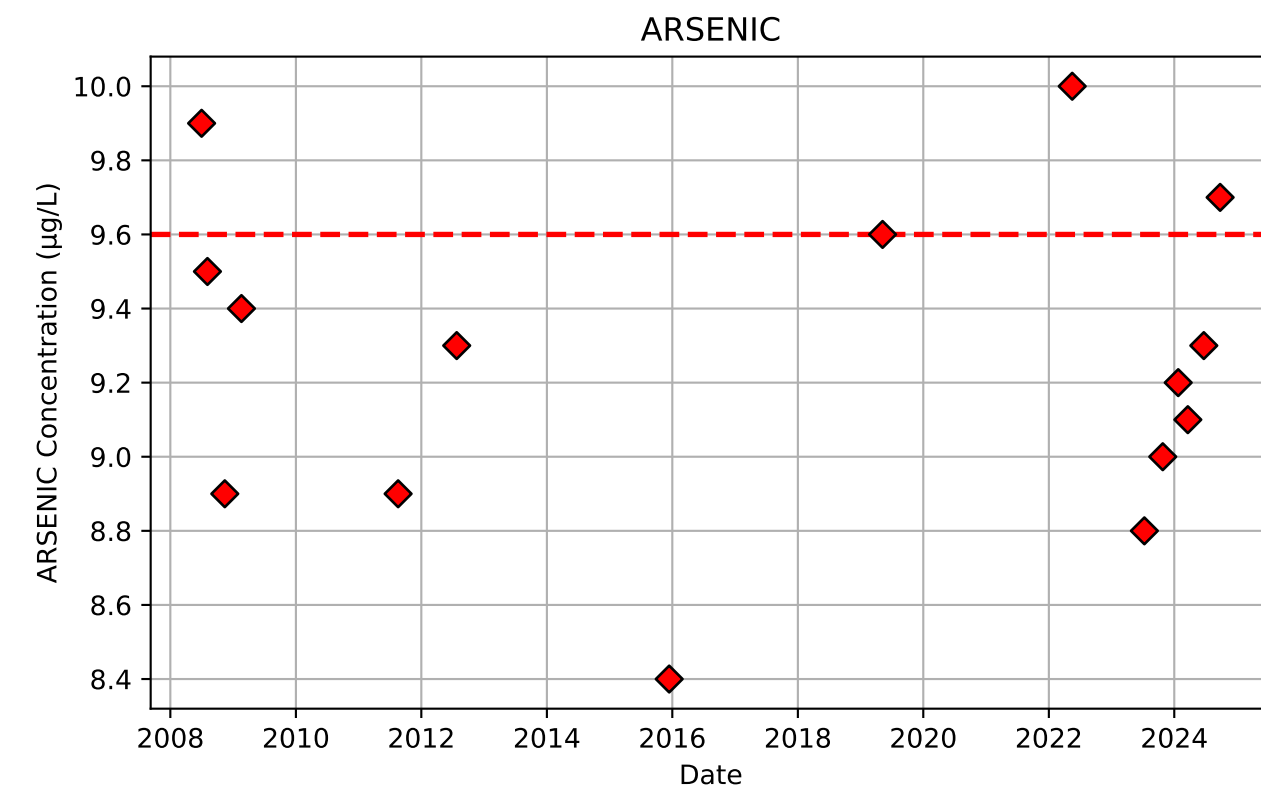
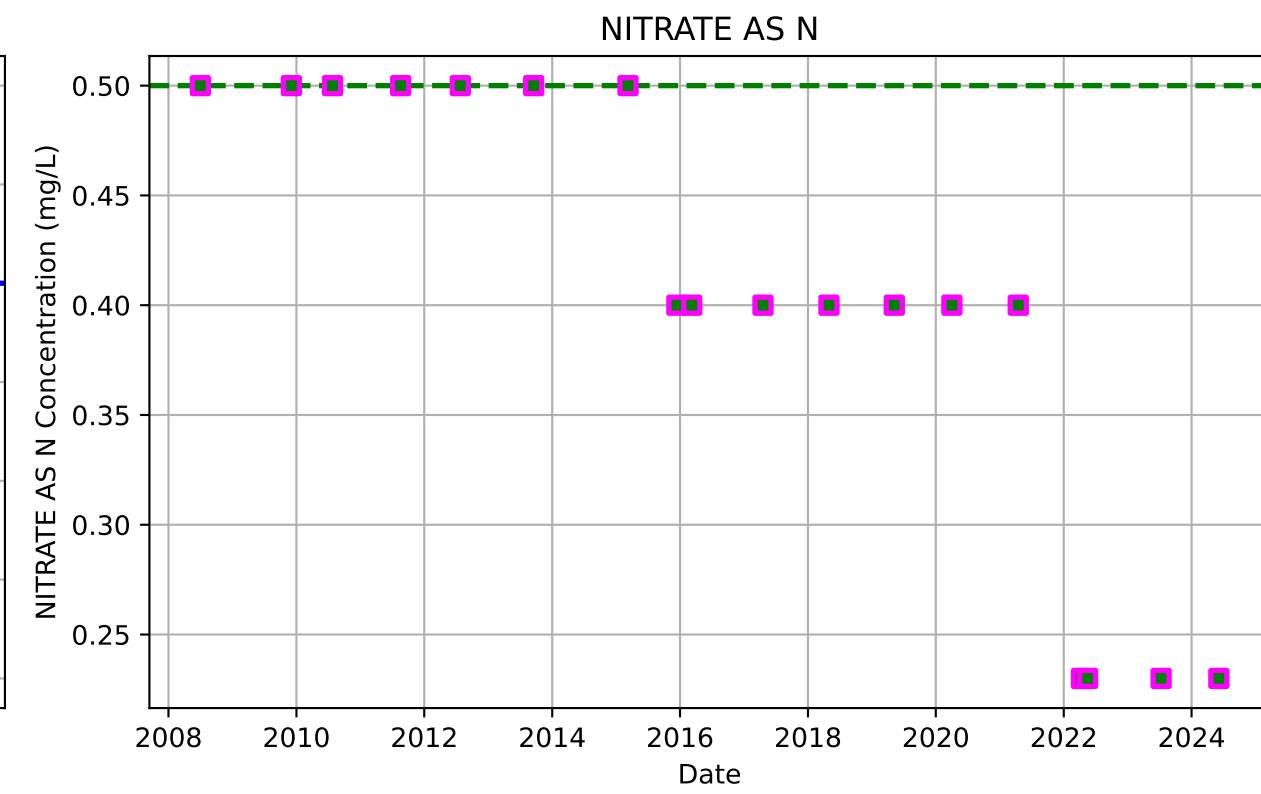
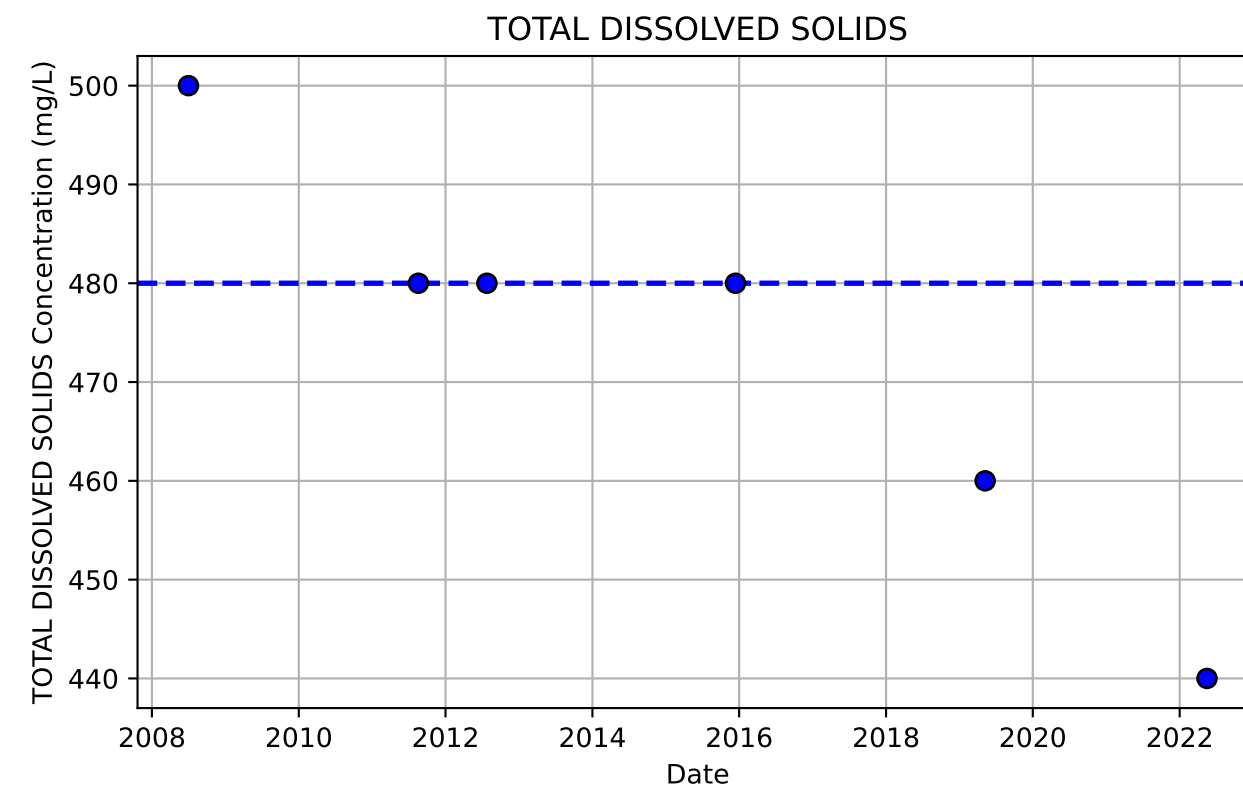
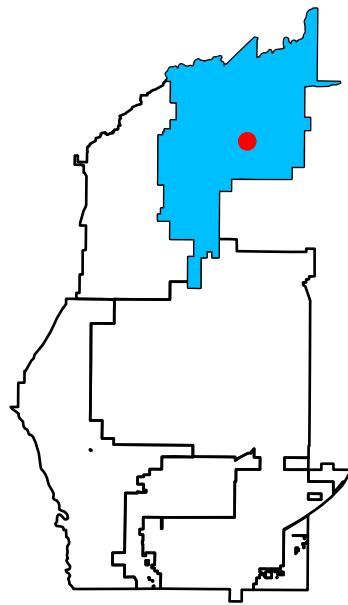
Water Quality RMS Well 1610003-037
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



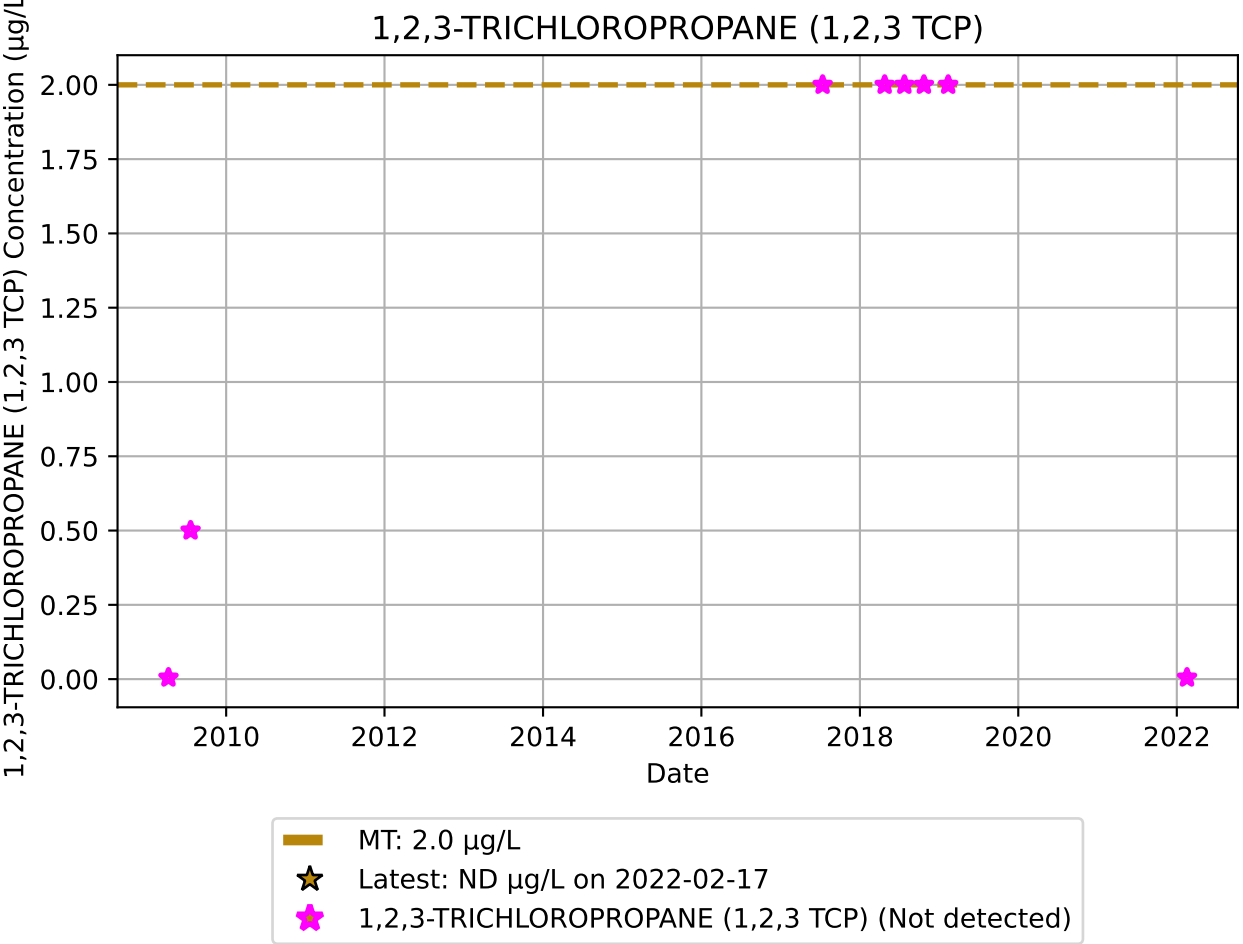
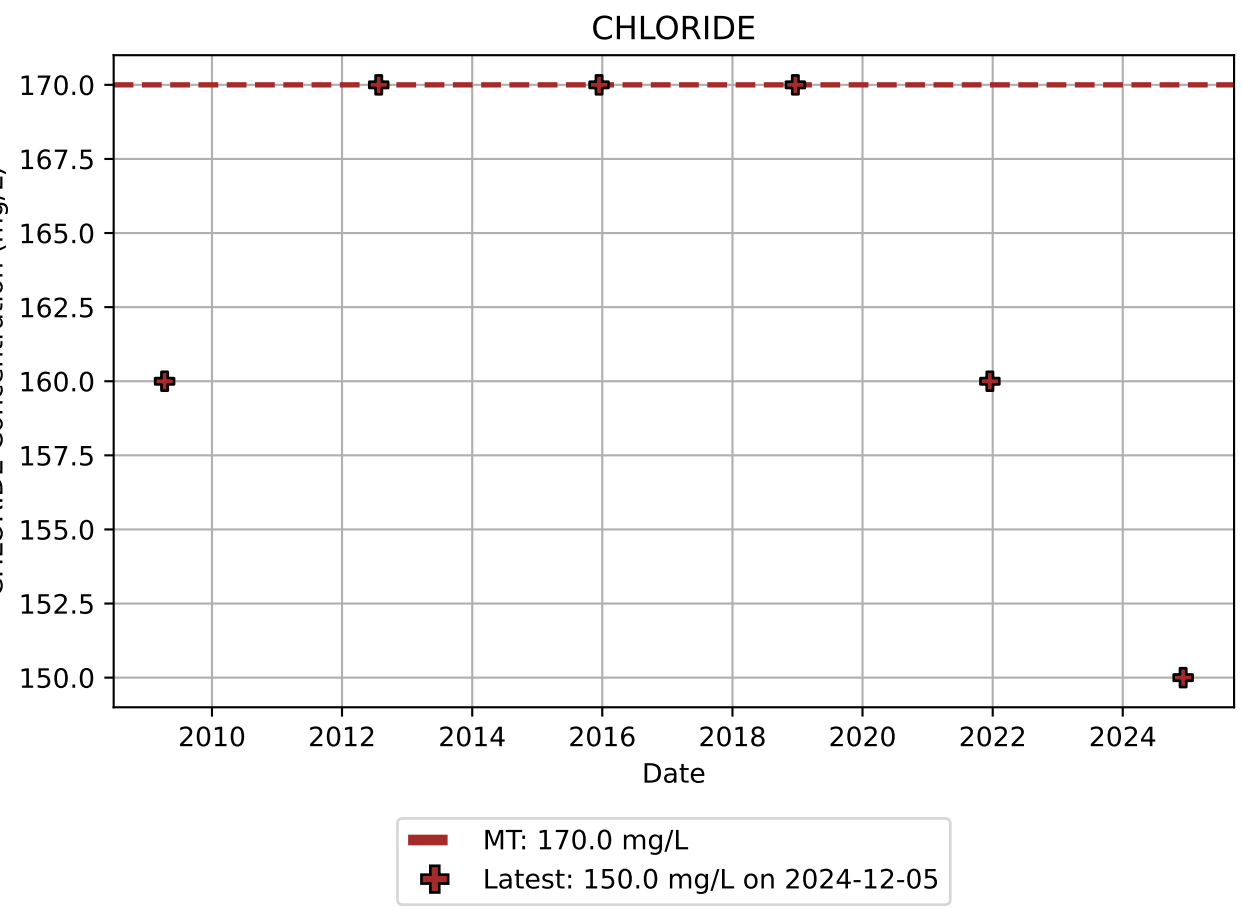
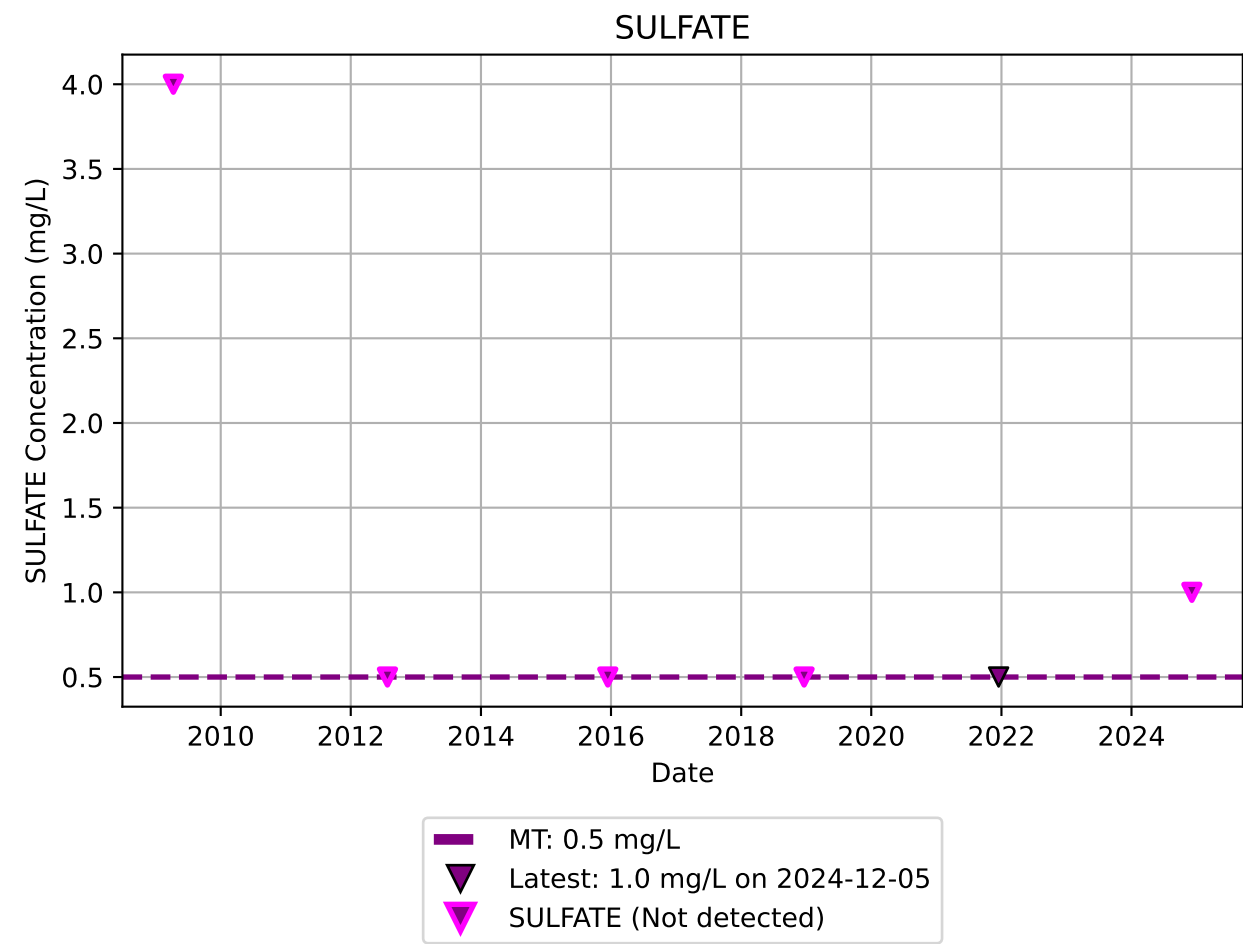
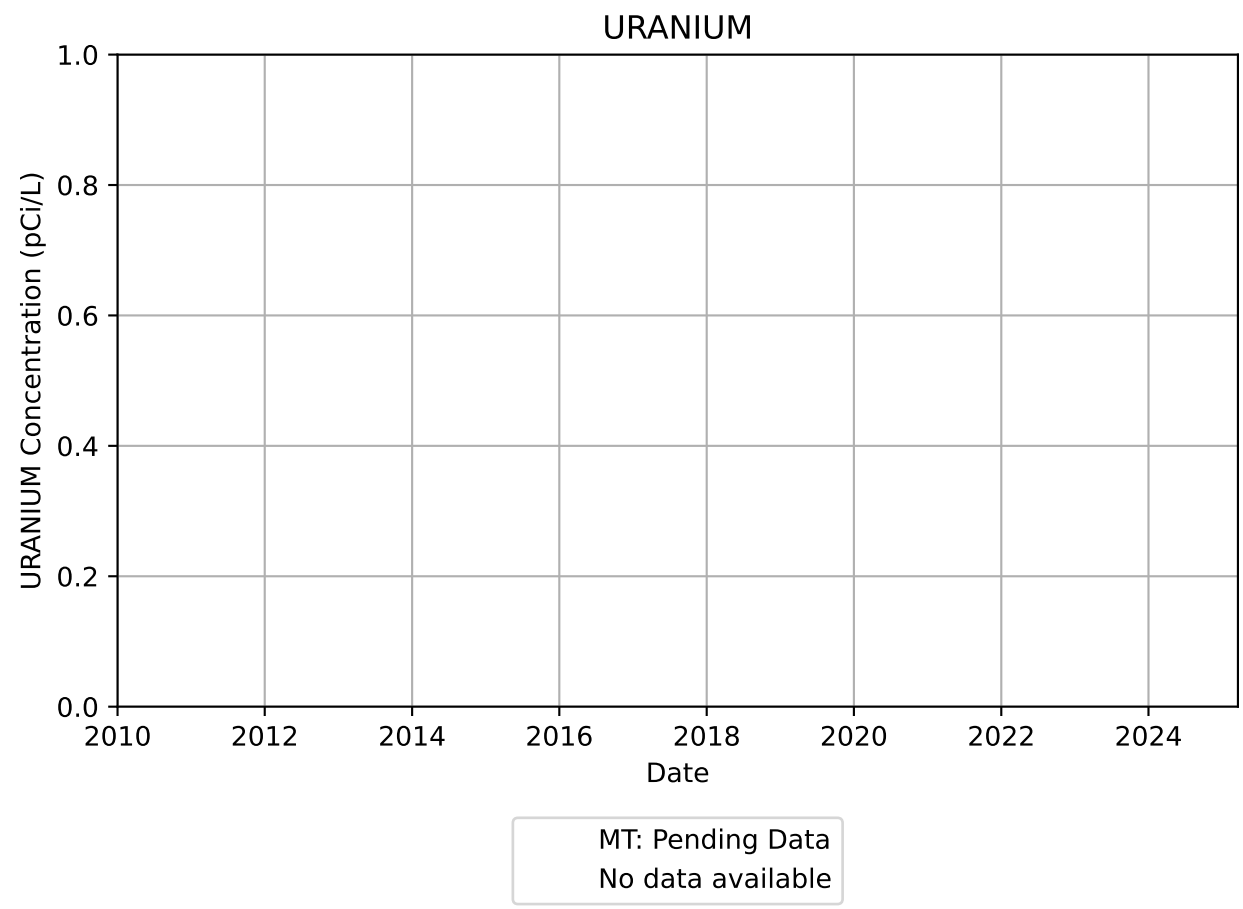
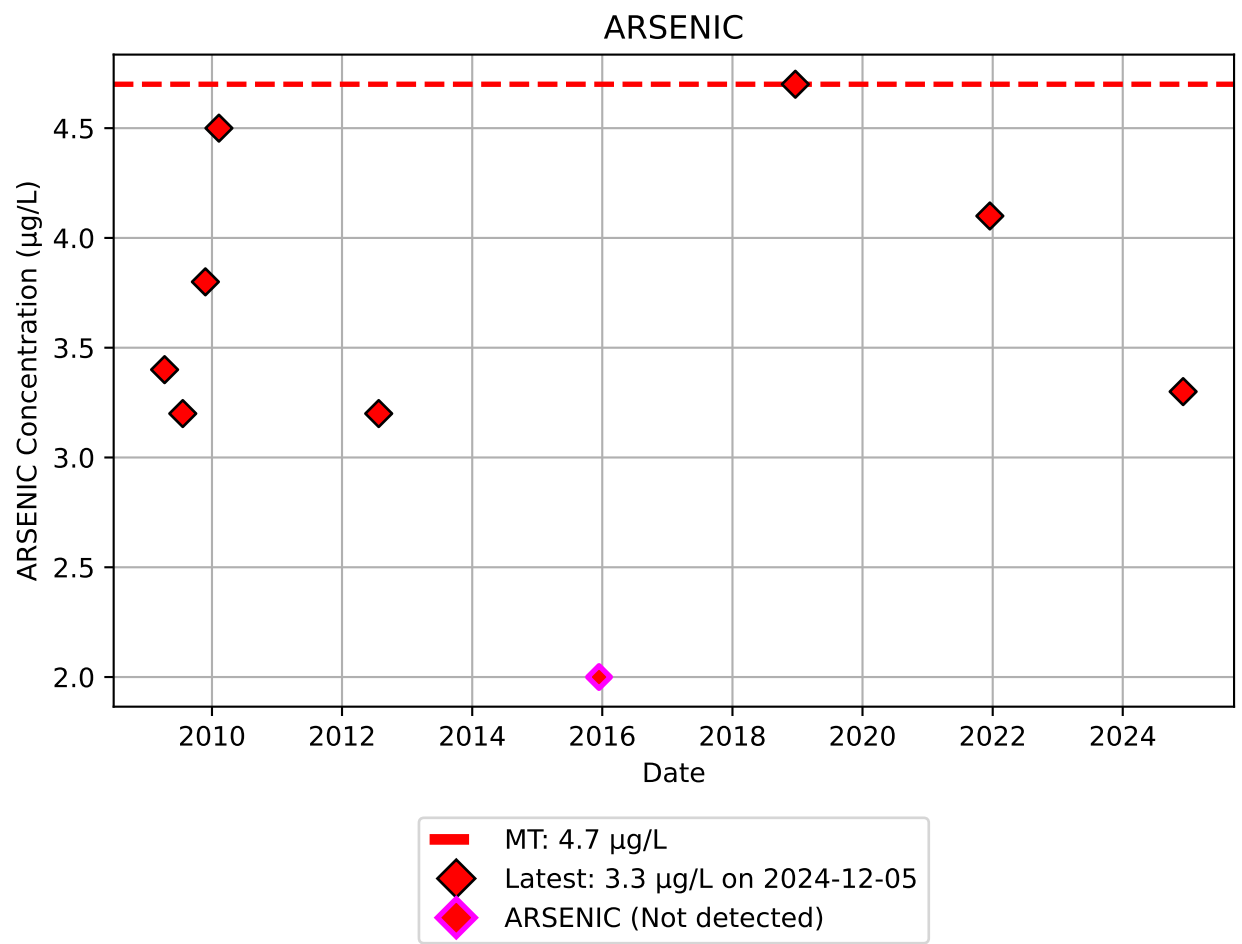
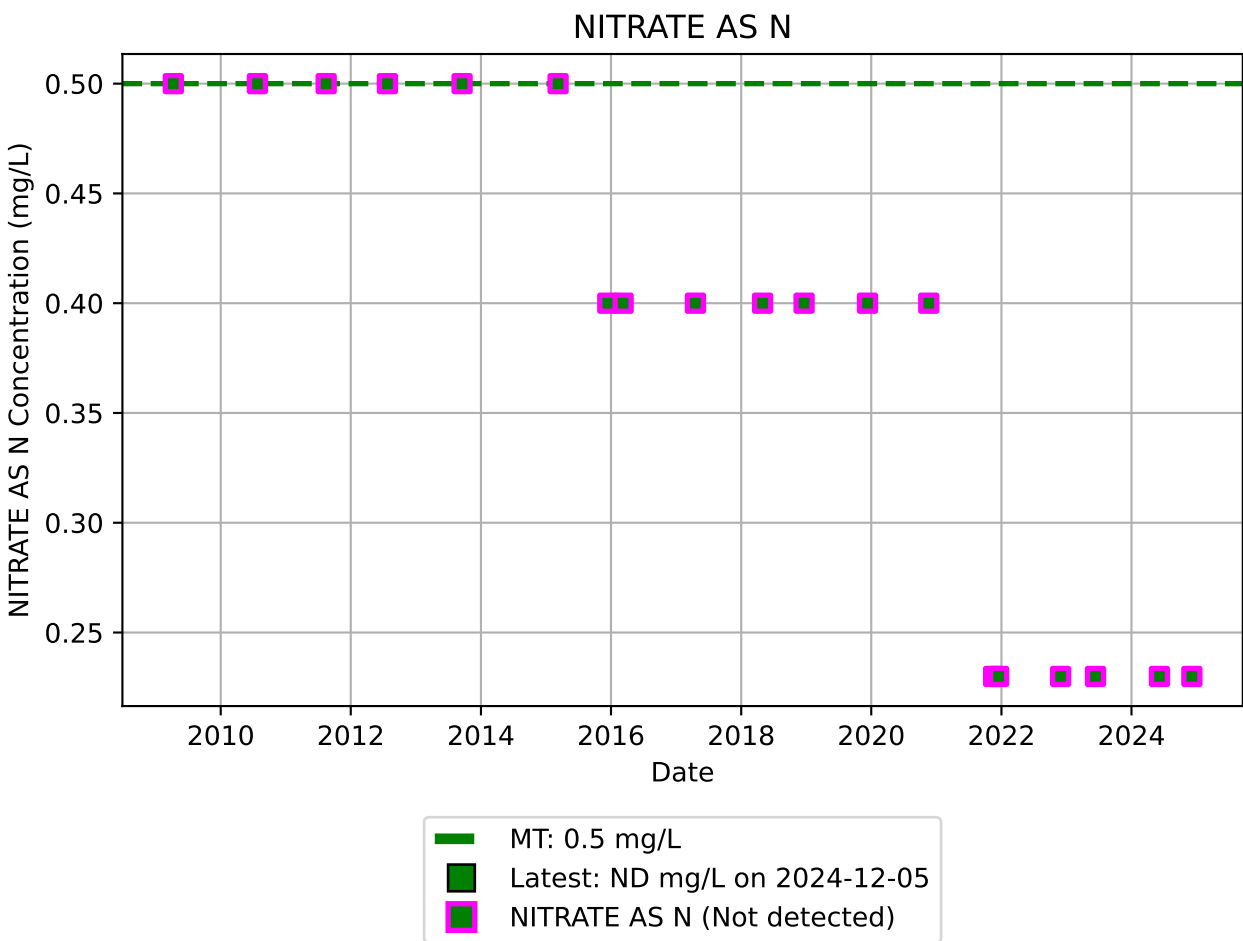
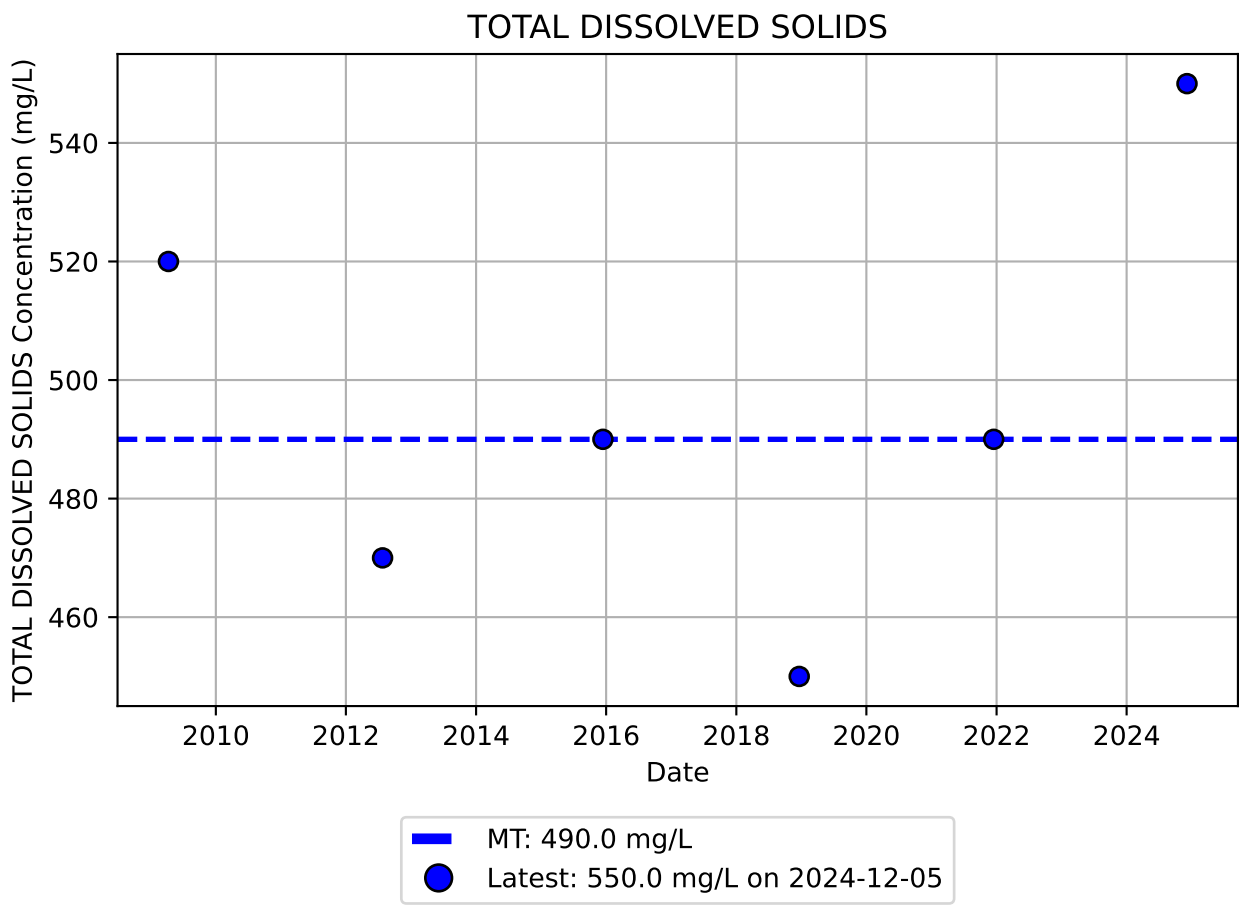
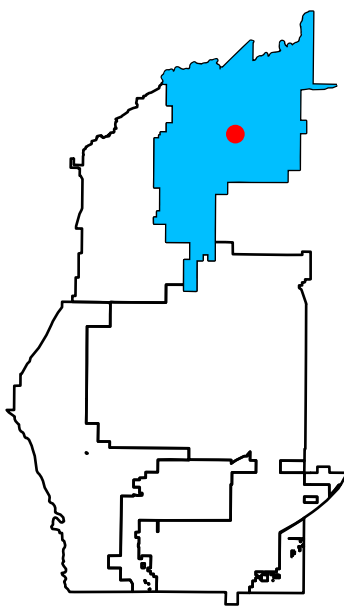
Water Quality RMS Well 1610003-039
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



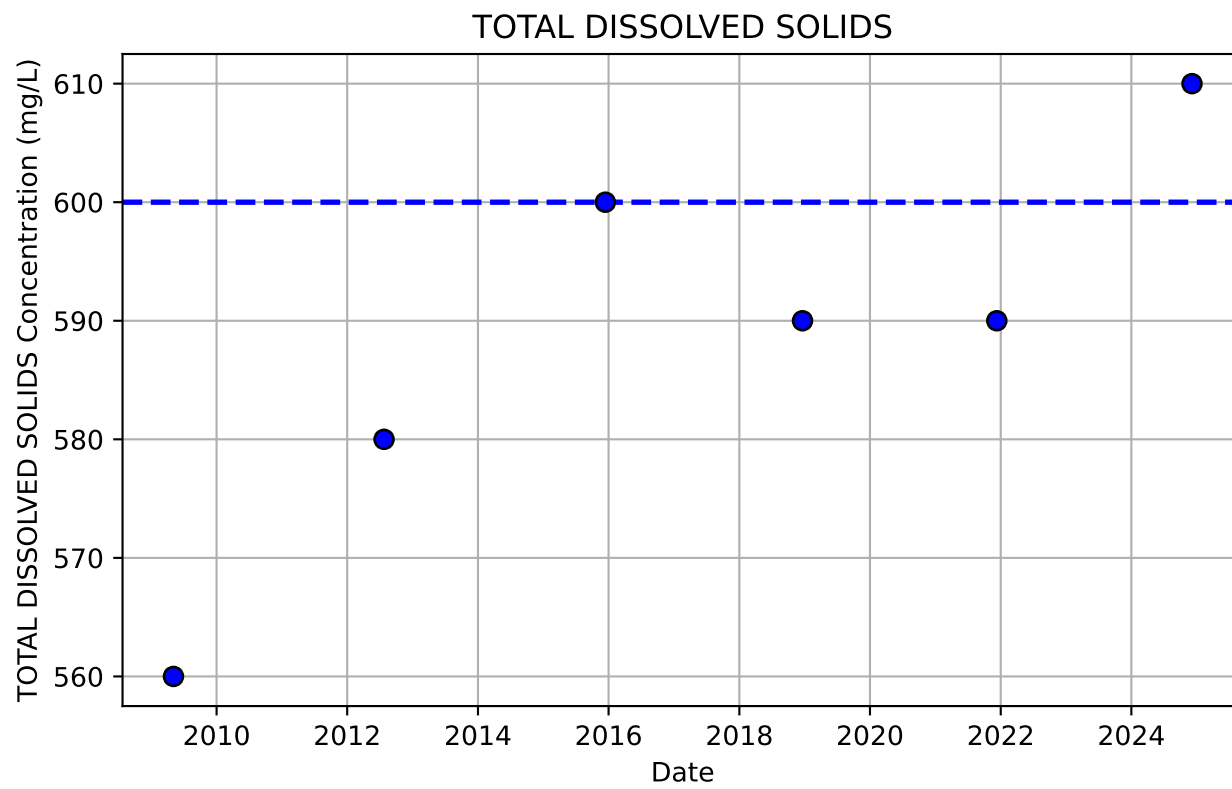
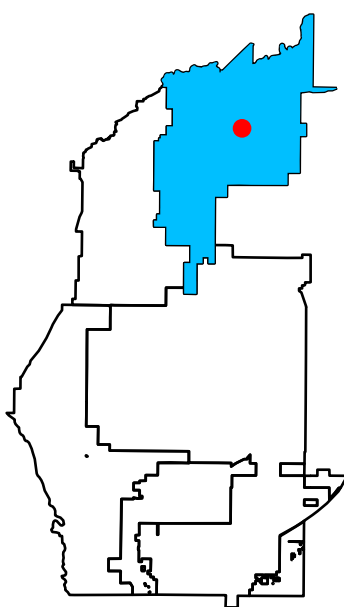
Water Quality RMS Well 1610003-040
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA

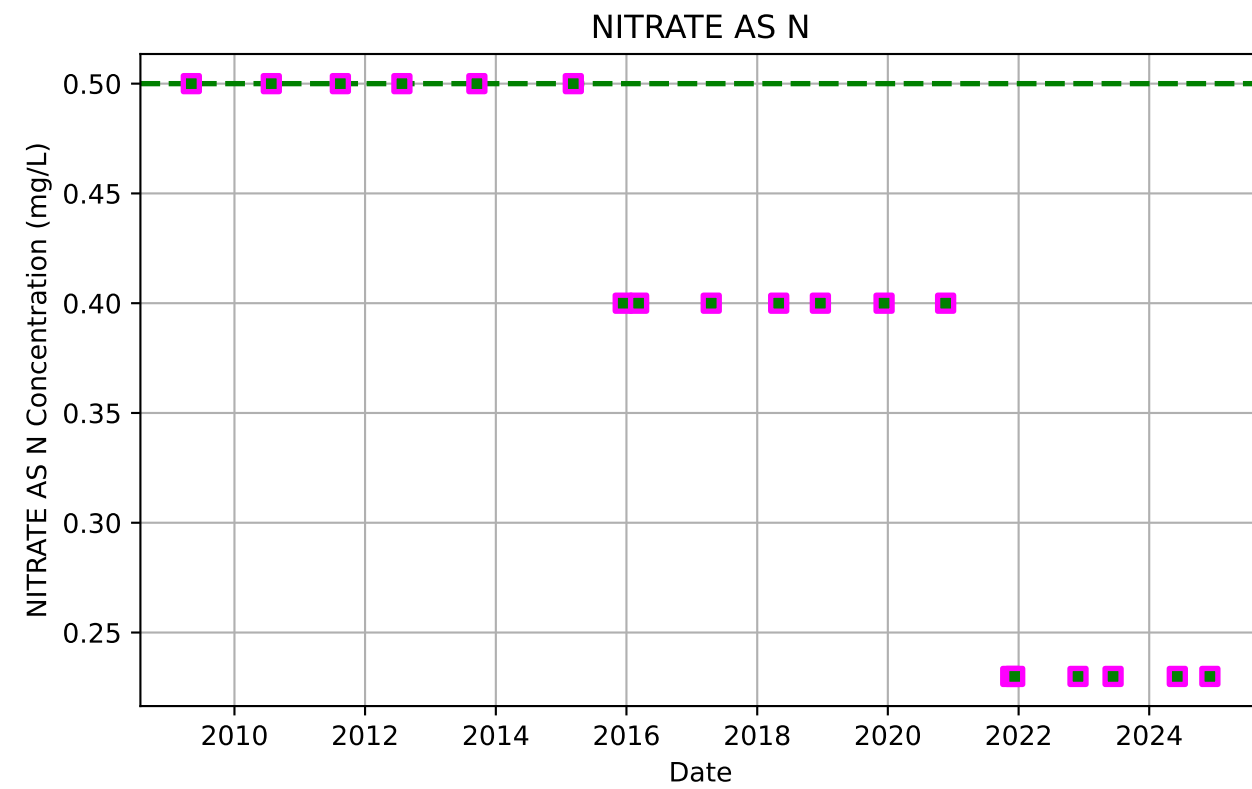


Water Quality RMS Well 1610003-041
Mid-Kings River GSA
Screened in the C-Zone aquifer

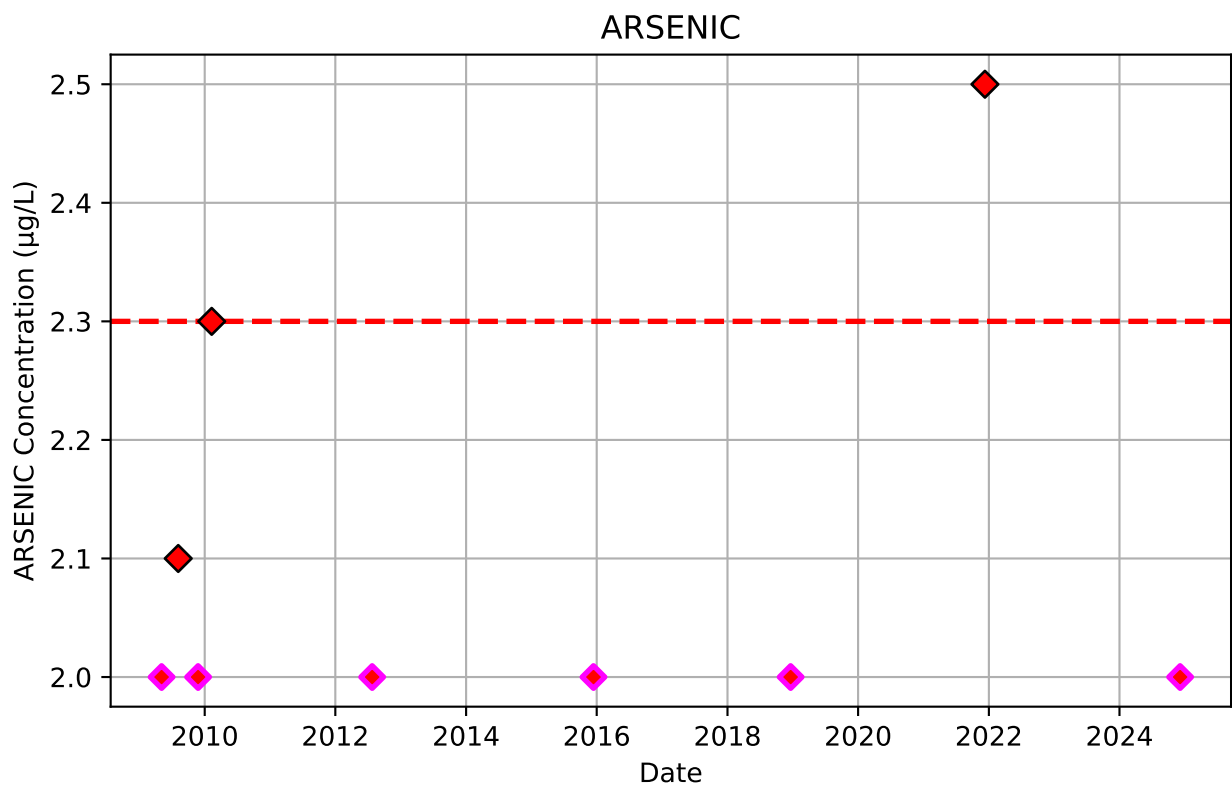
RMS well location
in Mid-Kings River GSA



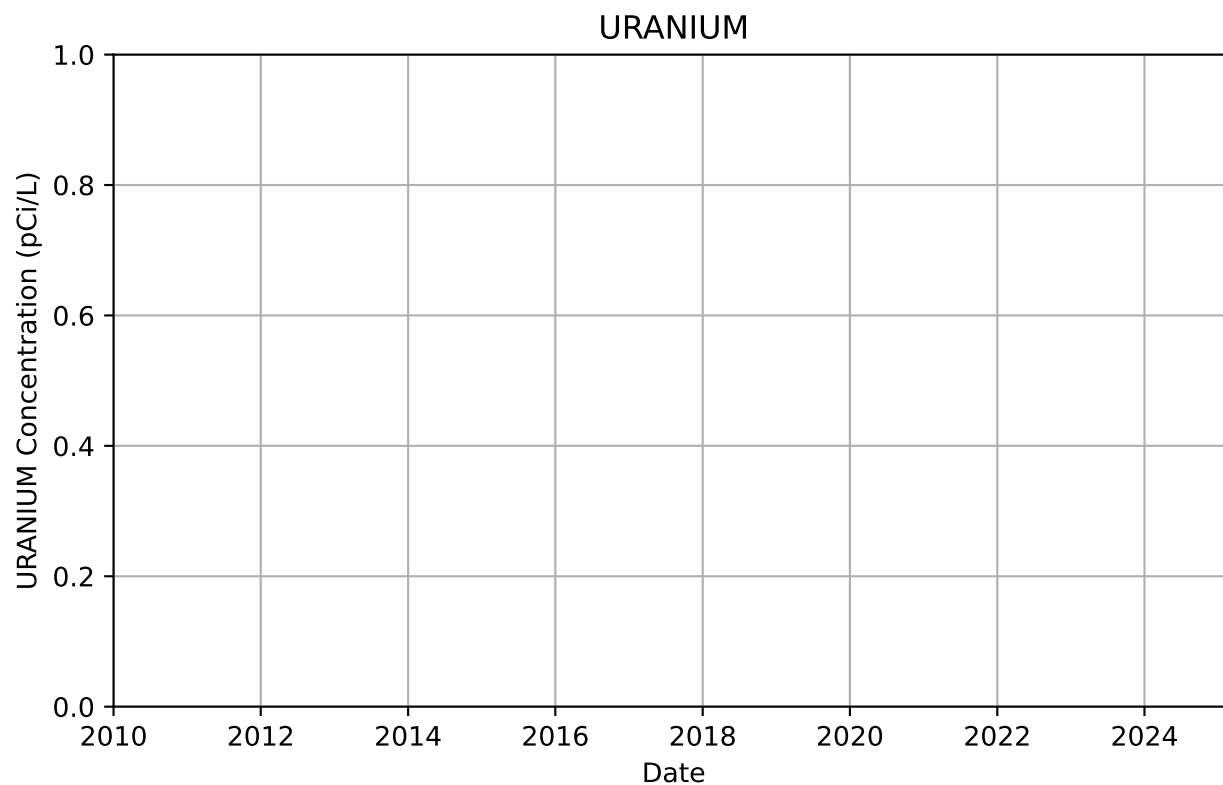
MT: 600.0 mg/L
Latest: 610.0 mg/L on 2024-12-05



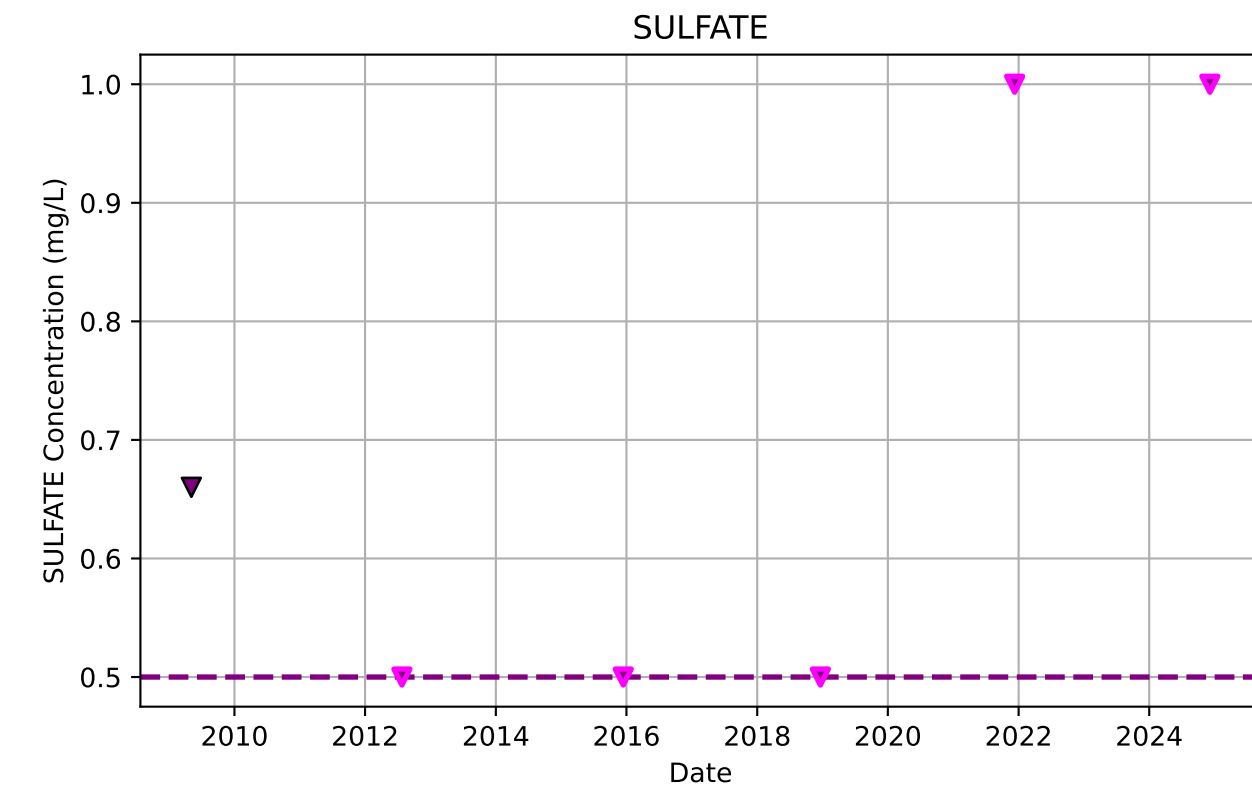
MT: 0.5 mg/L
Latest: ND mg/L on 2024-12-05
NITRATE AS N (Not detected)



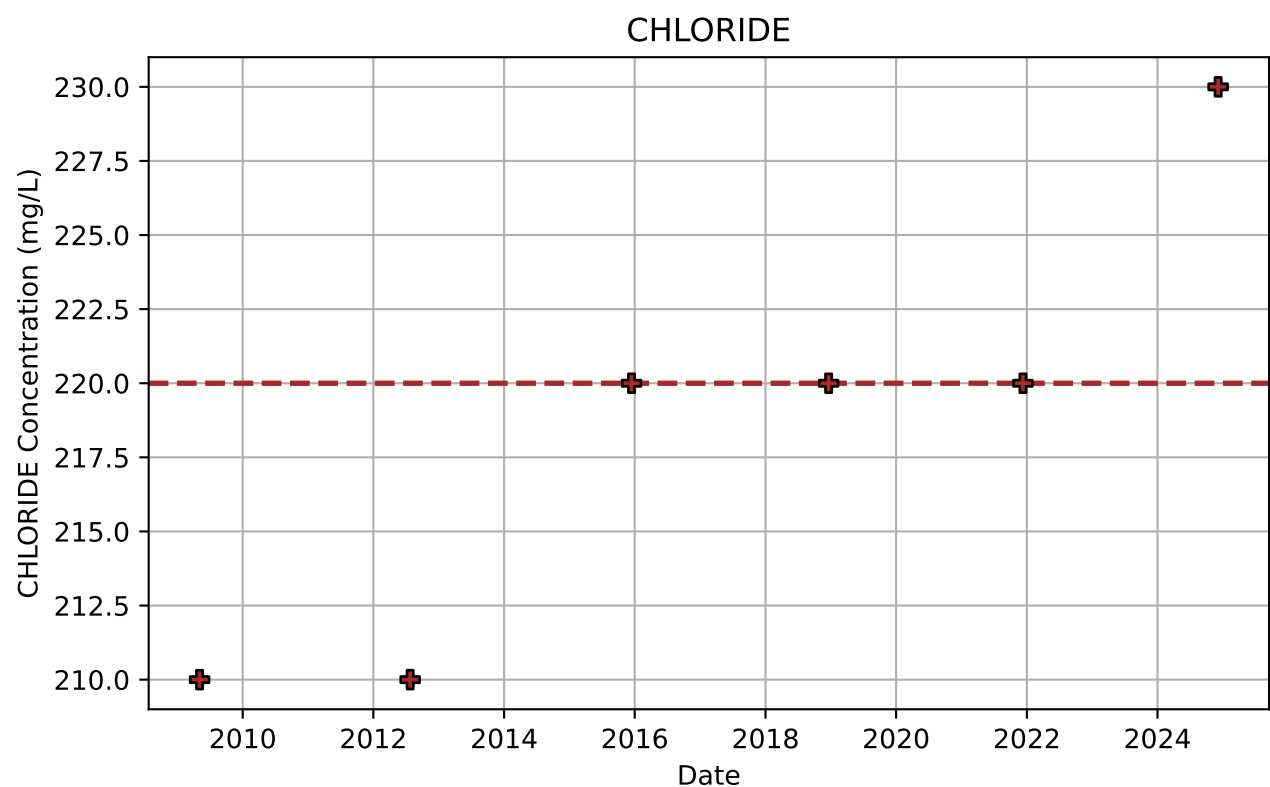
MT: 2.3 µg/L
Latest: 2.0 µg/L on 2024-12-05
ARSENIC (Not detected)



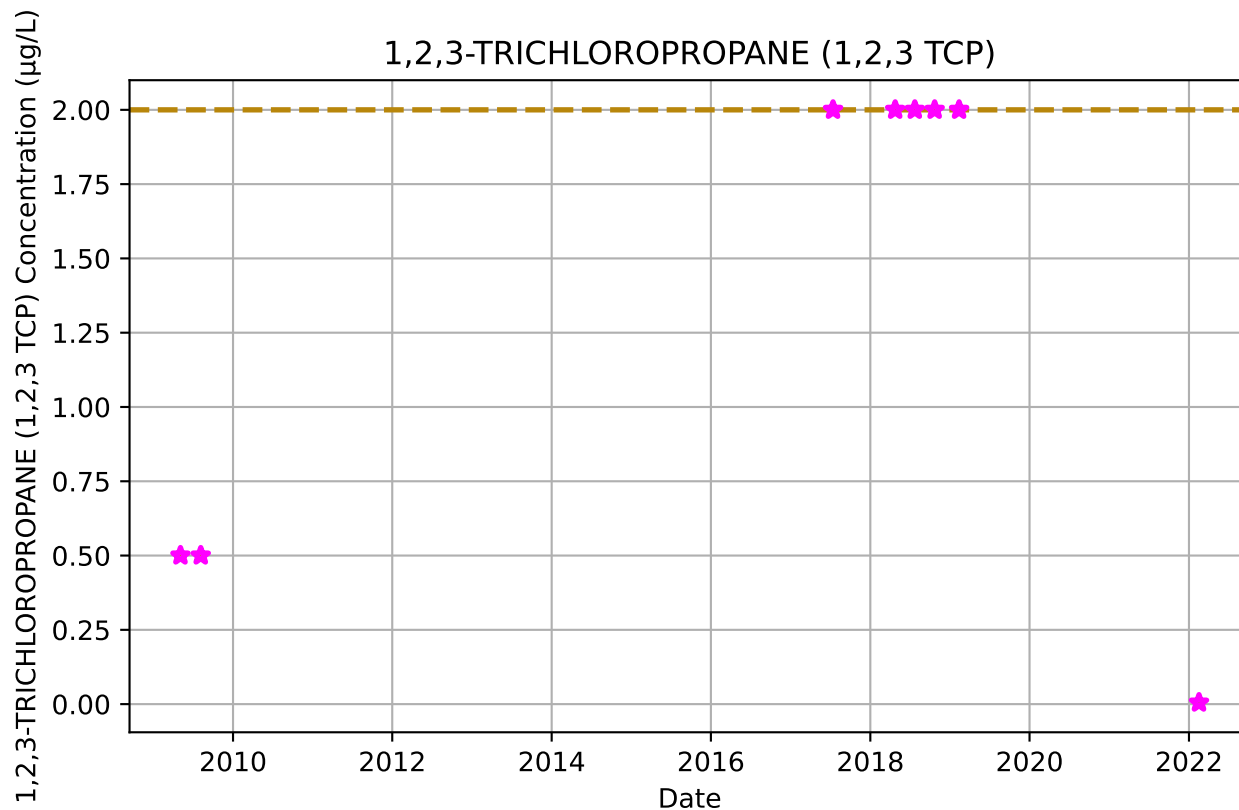
MT: Pending Data
No data available



MT: 0.5 mg/L
Latest: 1.0 mg/L on 2024-12-05
SULFATE (Not detected)



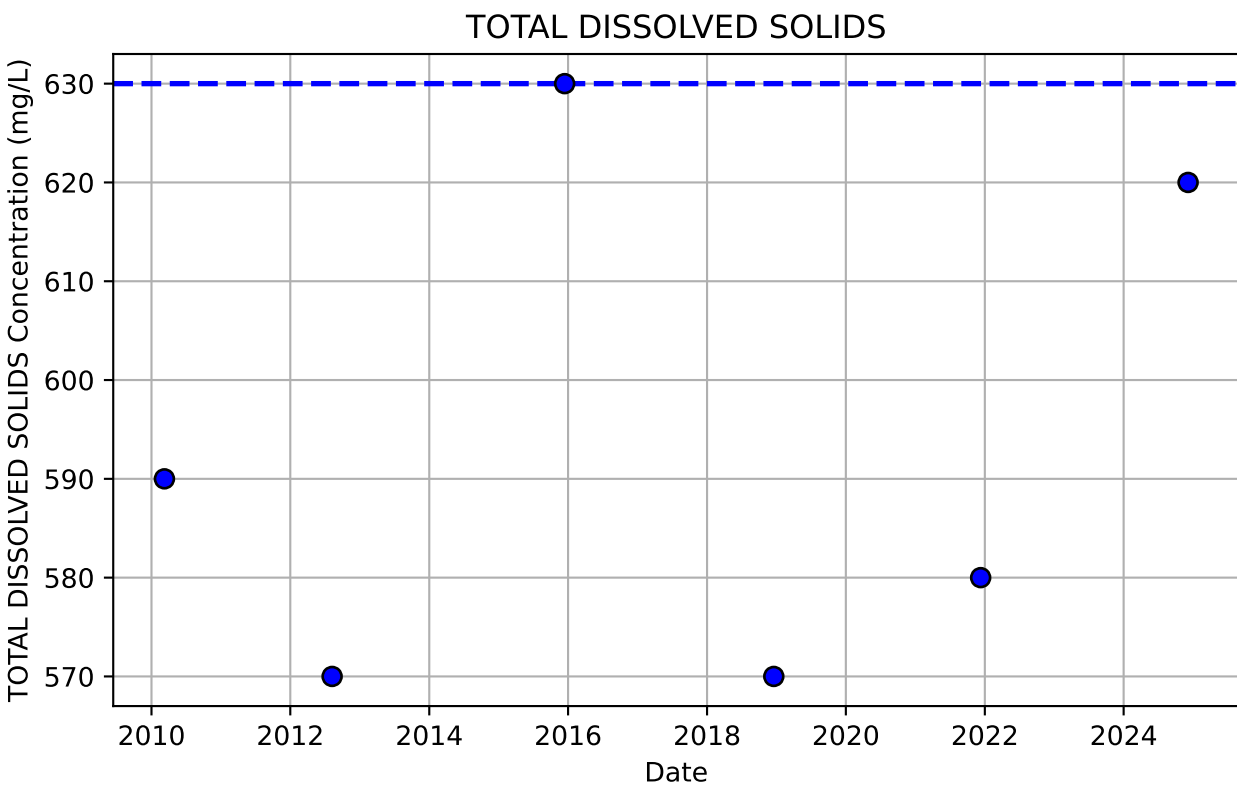
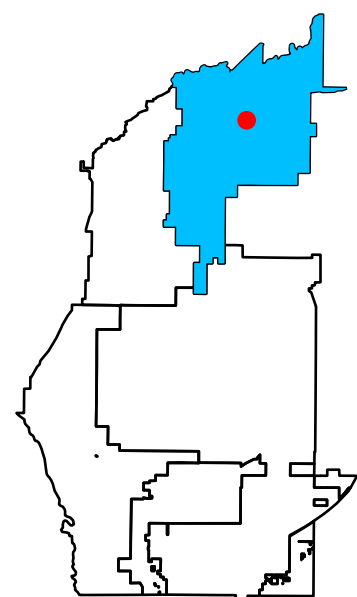
MT: 220.0 mg/L
Latest: 230.0 mg/L on 2024-12-05



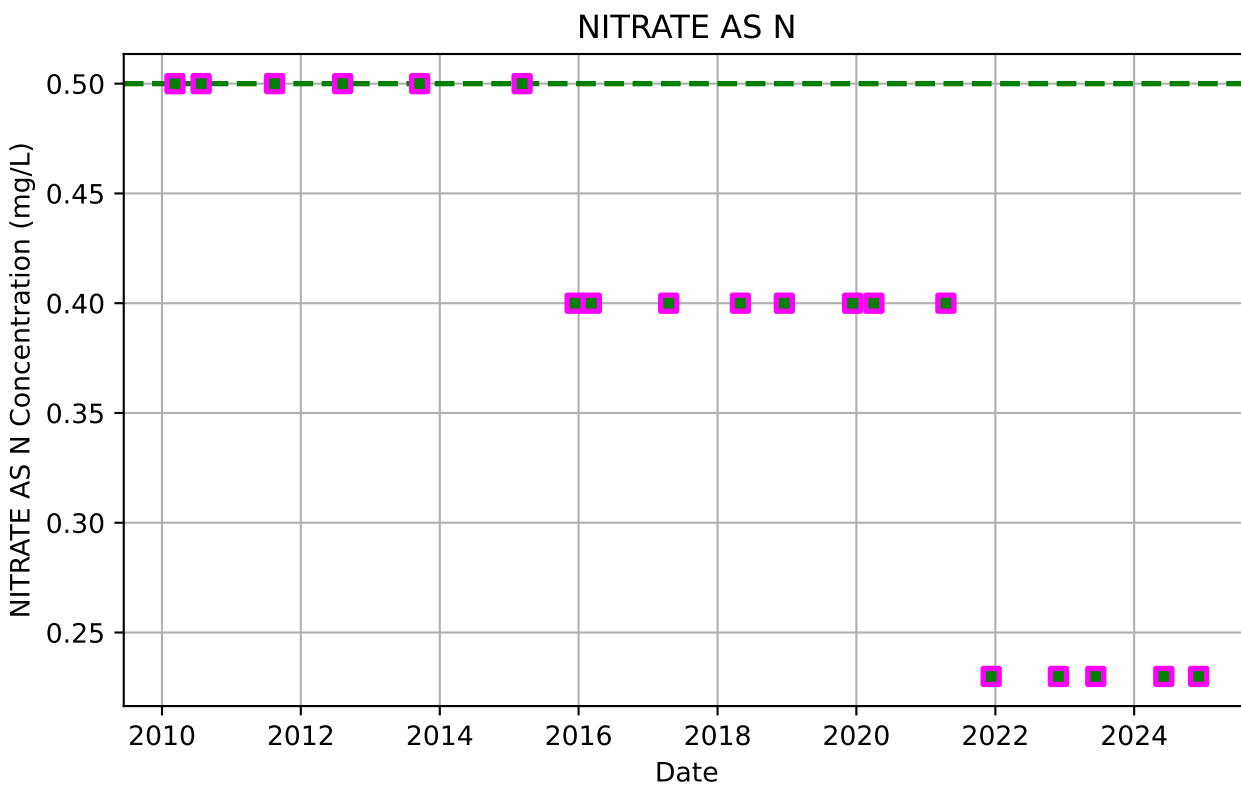
MT: 2.0 µg/L
Latest: ND µg/L on 2022-02-16
1,2,3-TRICHLOROPROPANE (1,2,3 TCP) (Not detected)

Water Quality RMS Well 1610003-042
Mid-Kings River GSA
Screened in the C-Zone aquifer

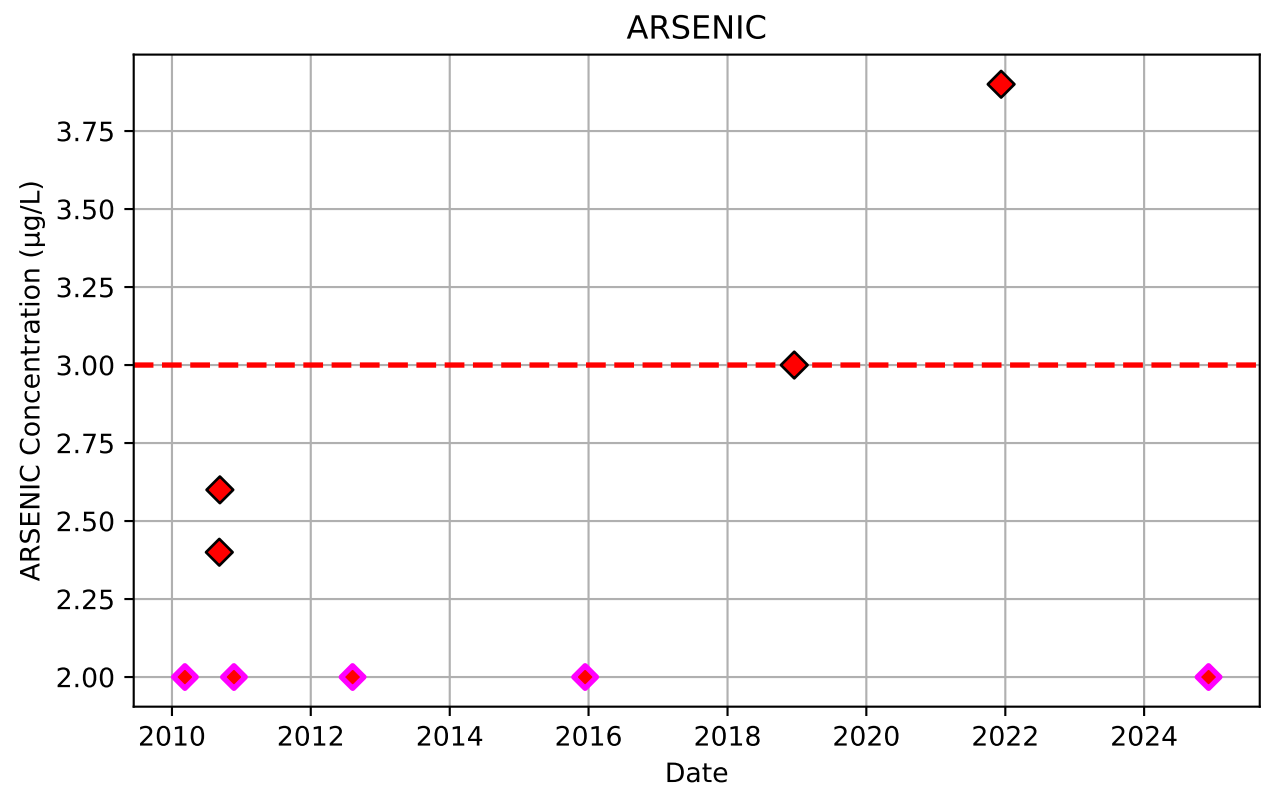
RMS well location
in Mid-Kings River GSA



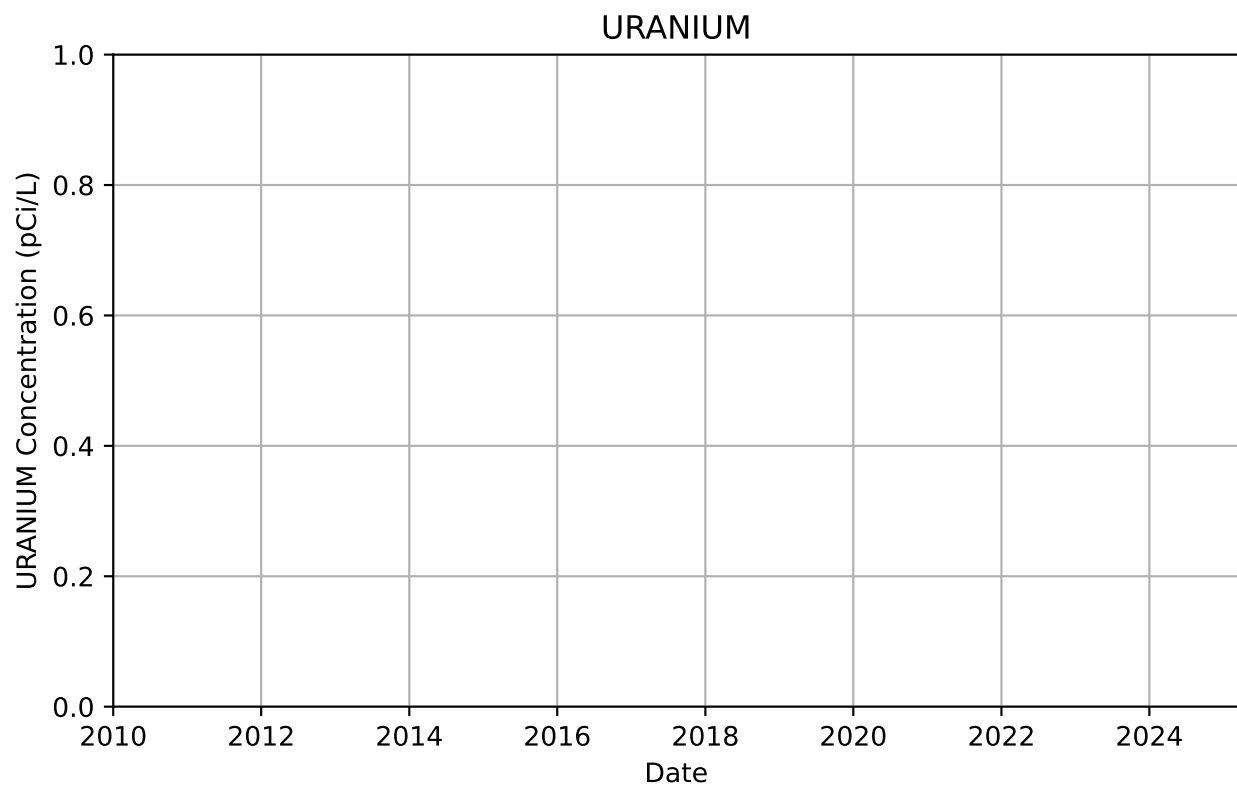
MT: 630.0 mg/L
Latest: 620.0 mg/L on 2024-12-05



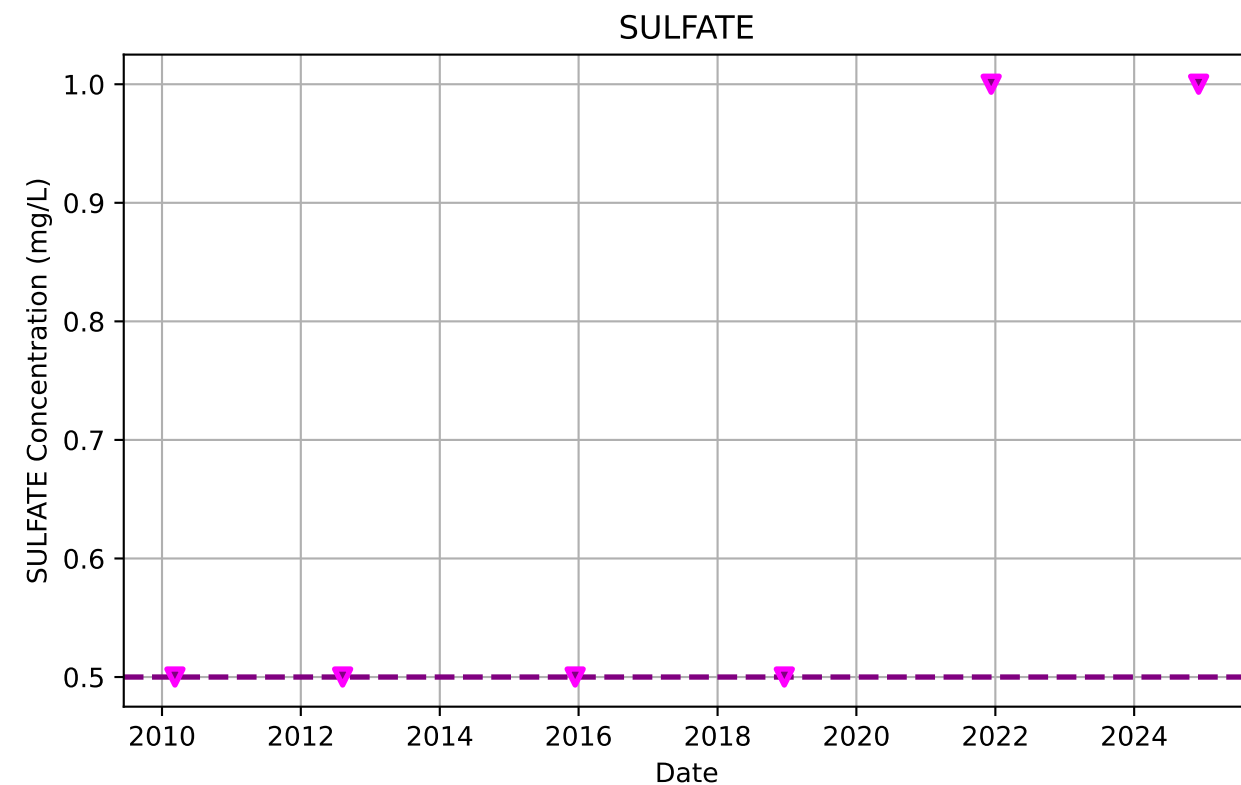
MT: 0.5 mg/L
Latest: ND mg/L on 2024-12-05
NITRATE AS N (Not detected)



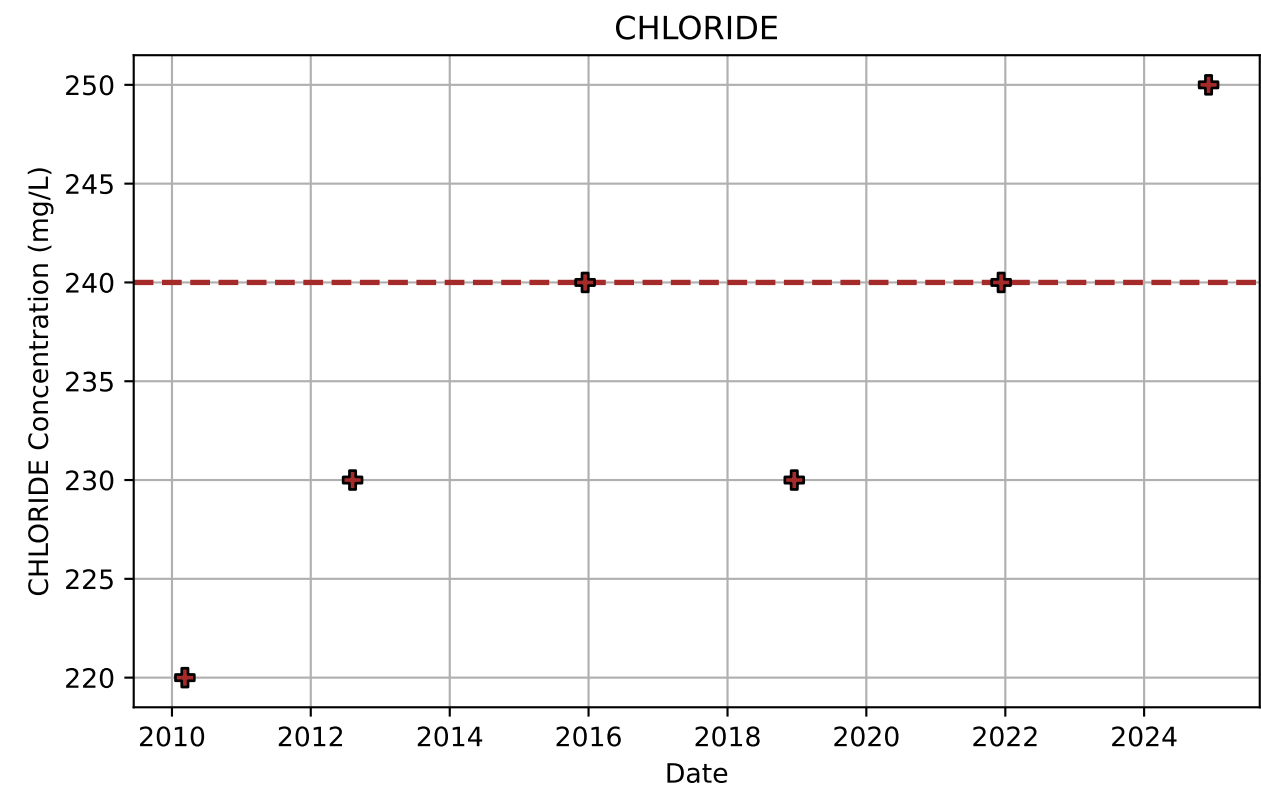
MT: 3.0 µg/L
Latest: 2.0 µg/L on 2024-12-05
ARSENIC (Not detected)



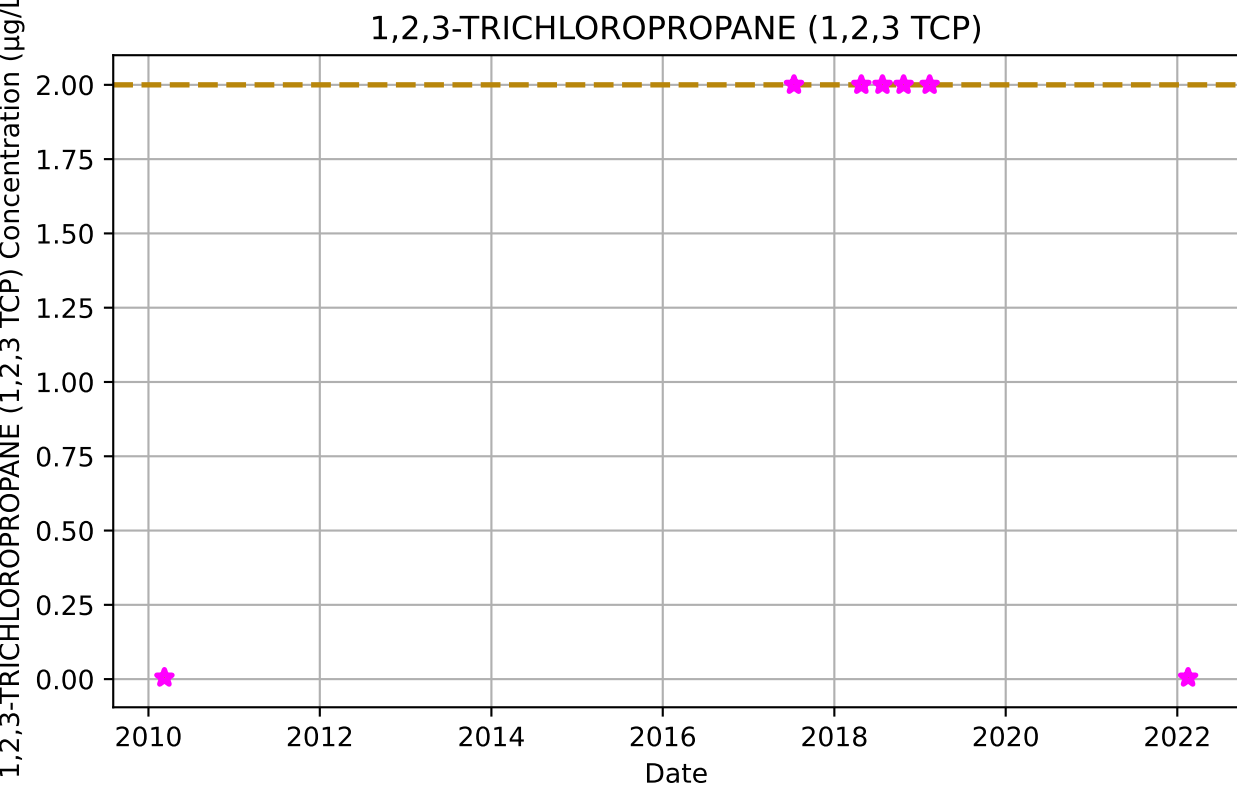
MT: Pending Data
No data available



MT: 0.5 mg/L
Latest: ND mg/L on 2024-12-05
SULFATE (Not detected)



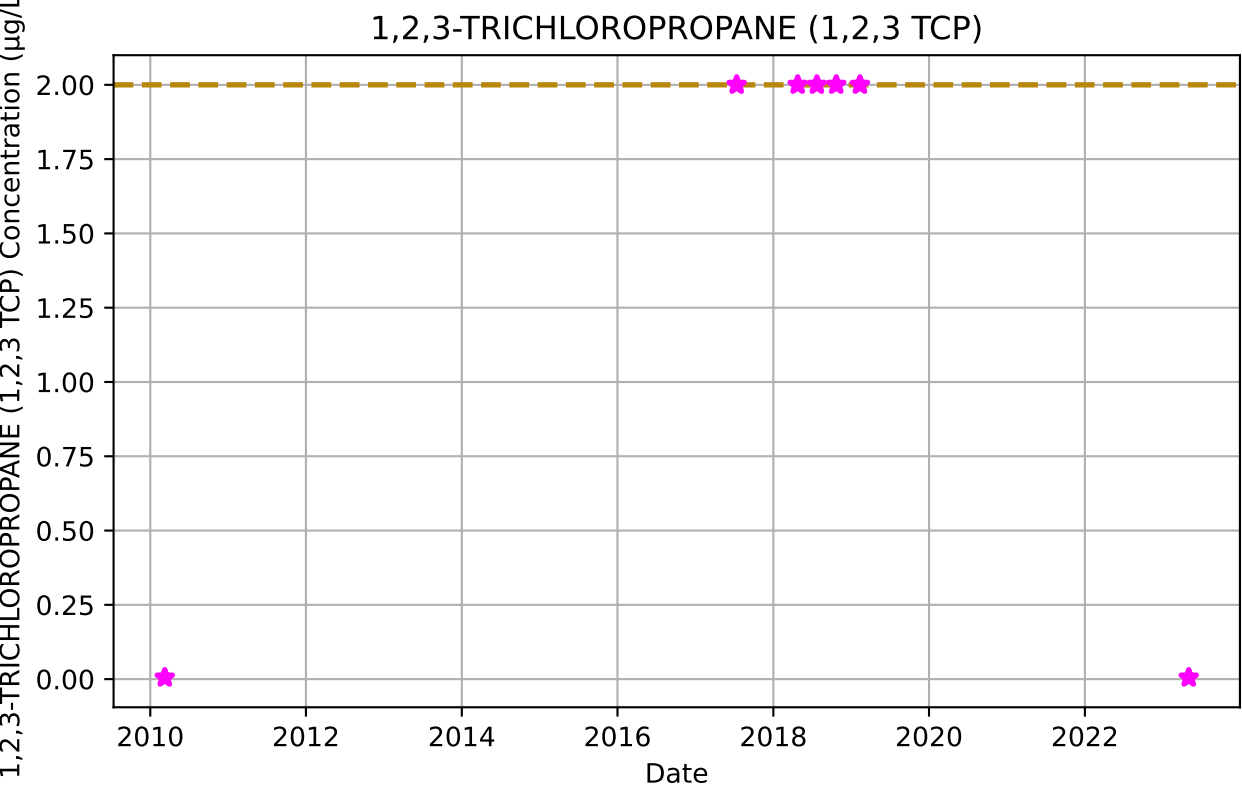
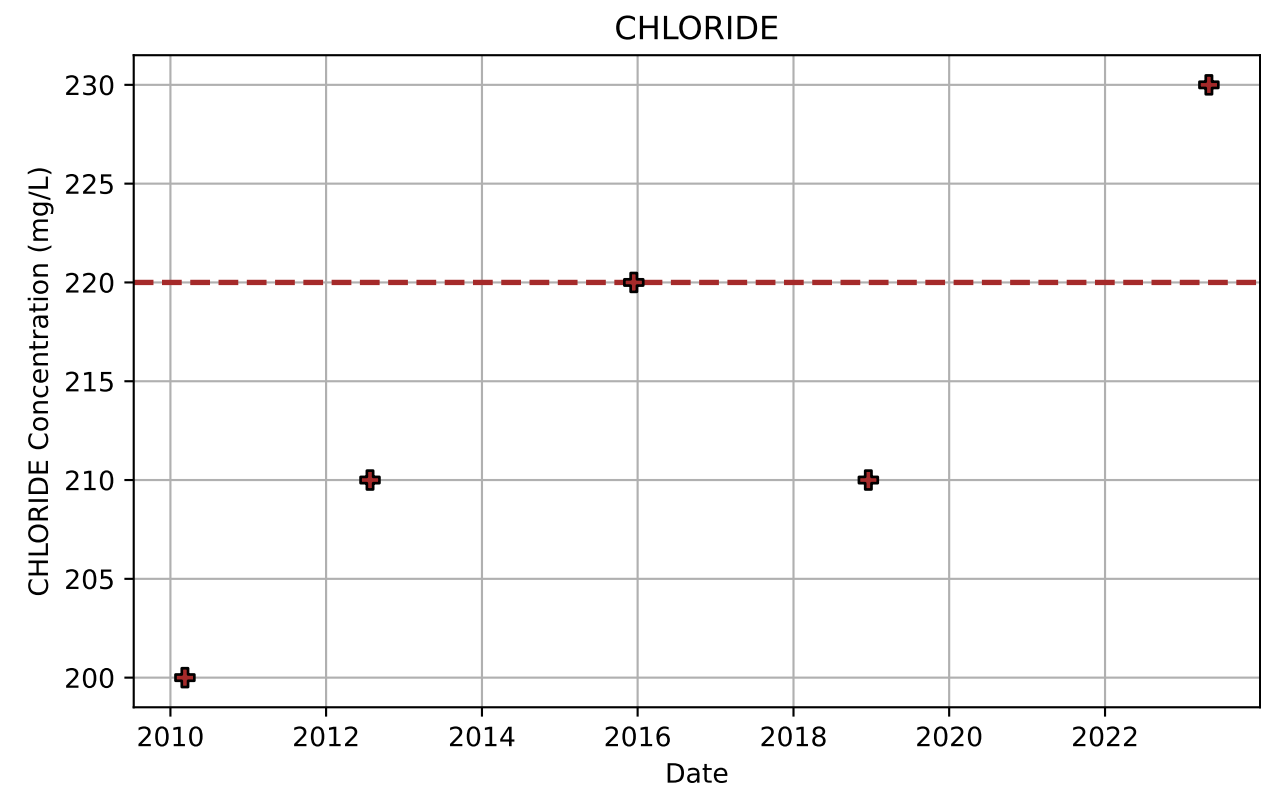
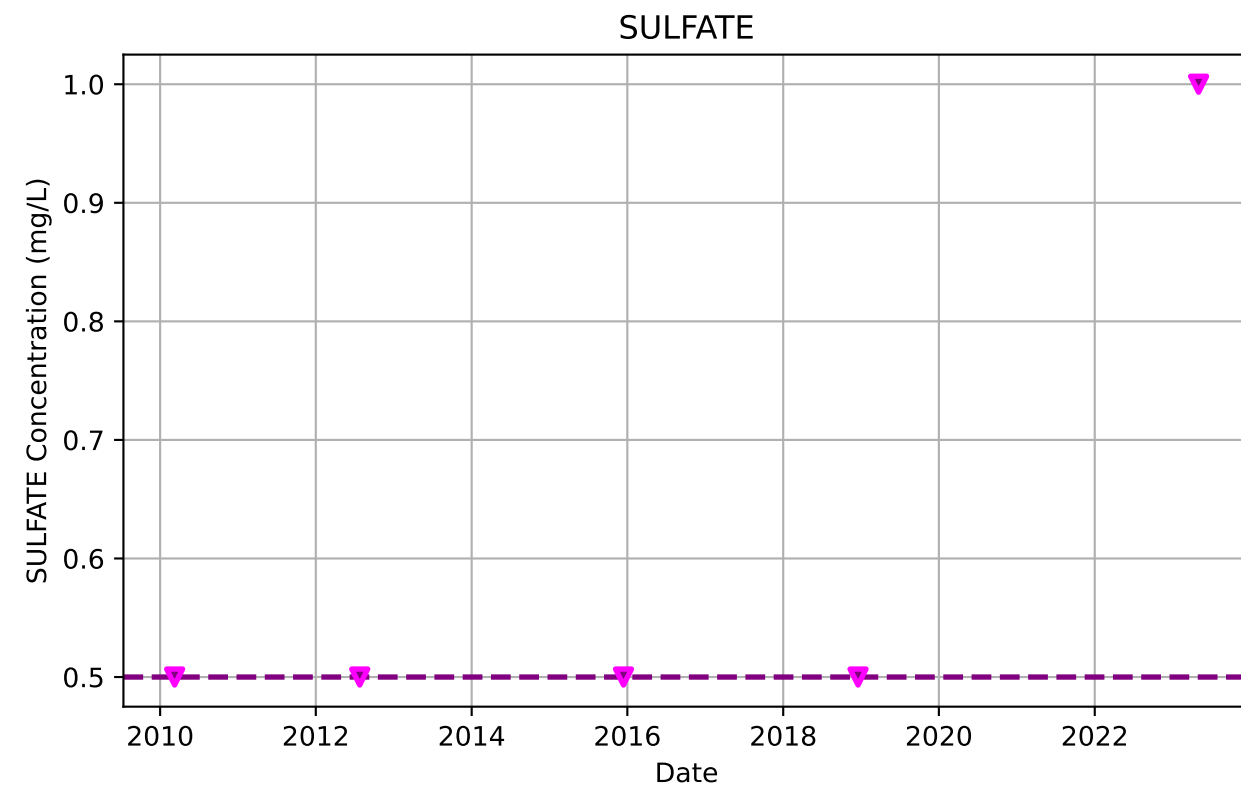
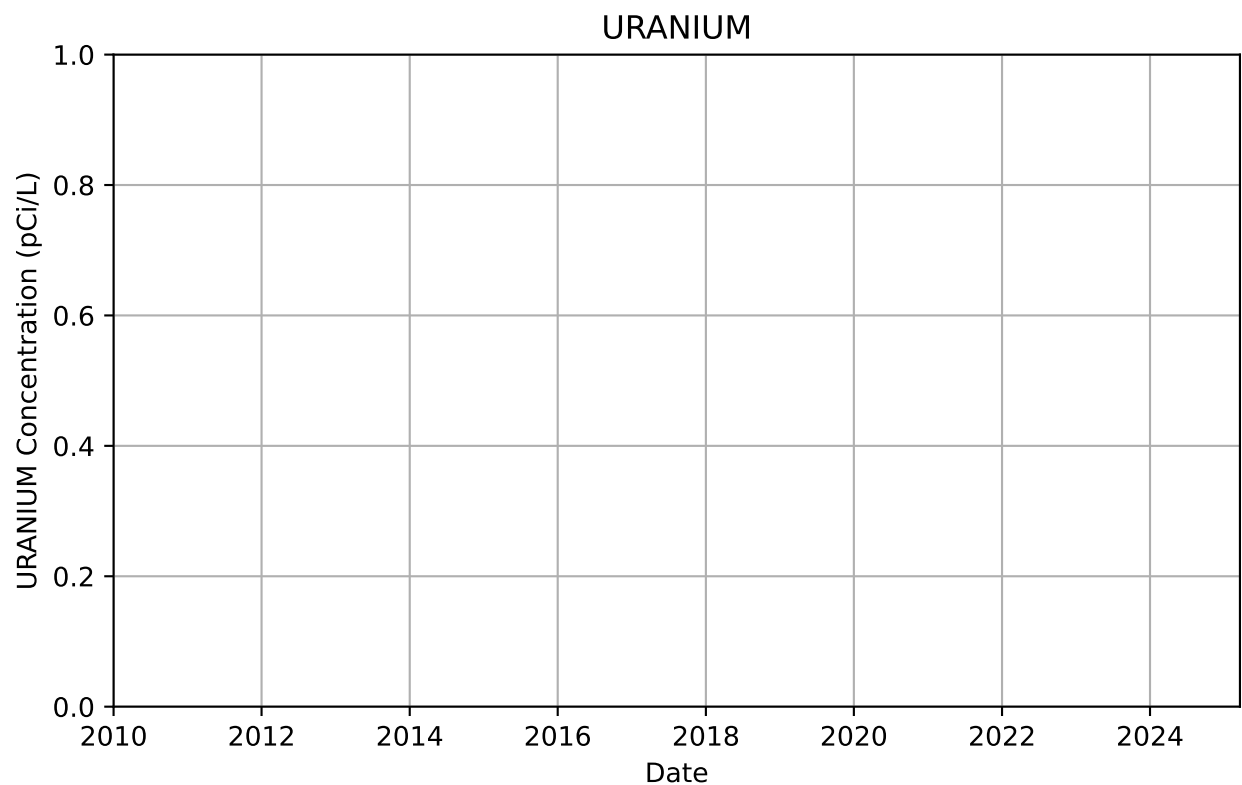
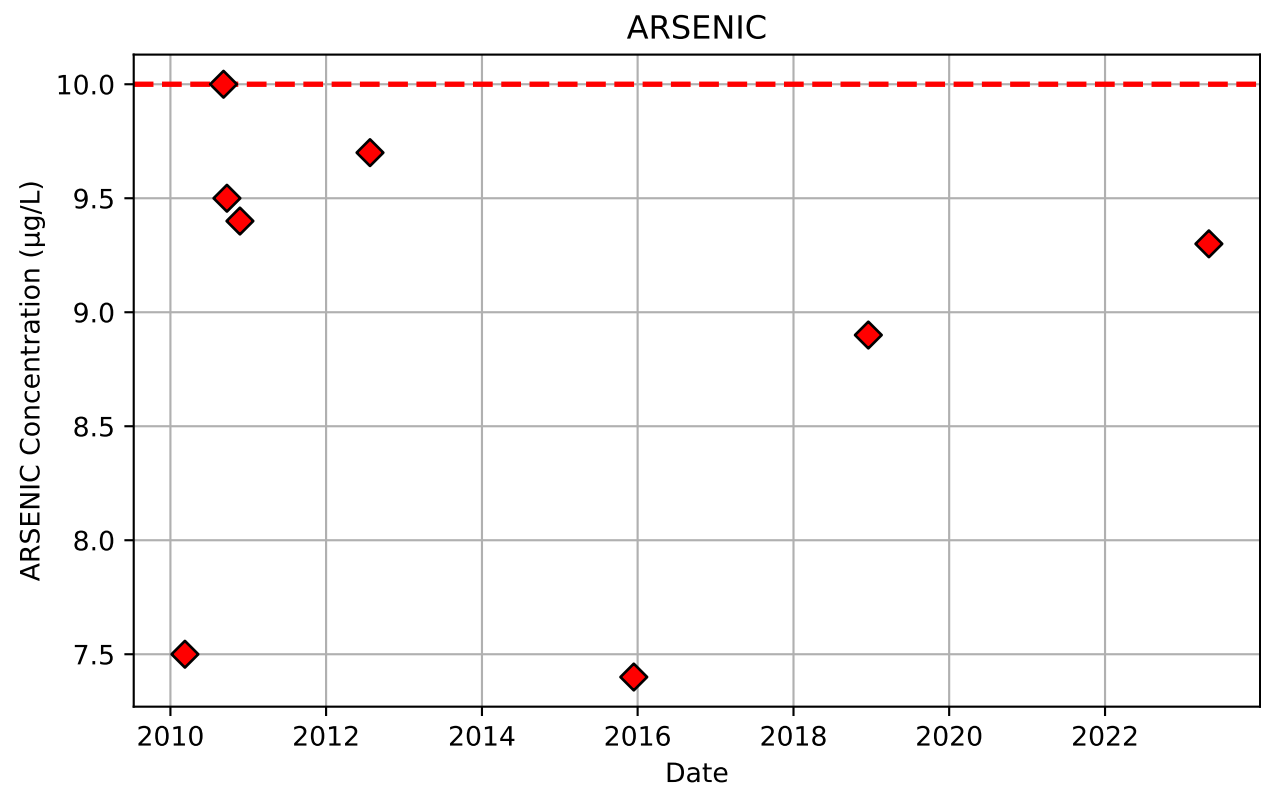
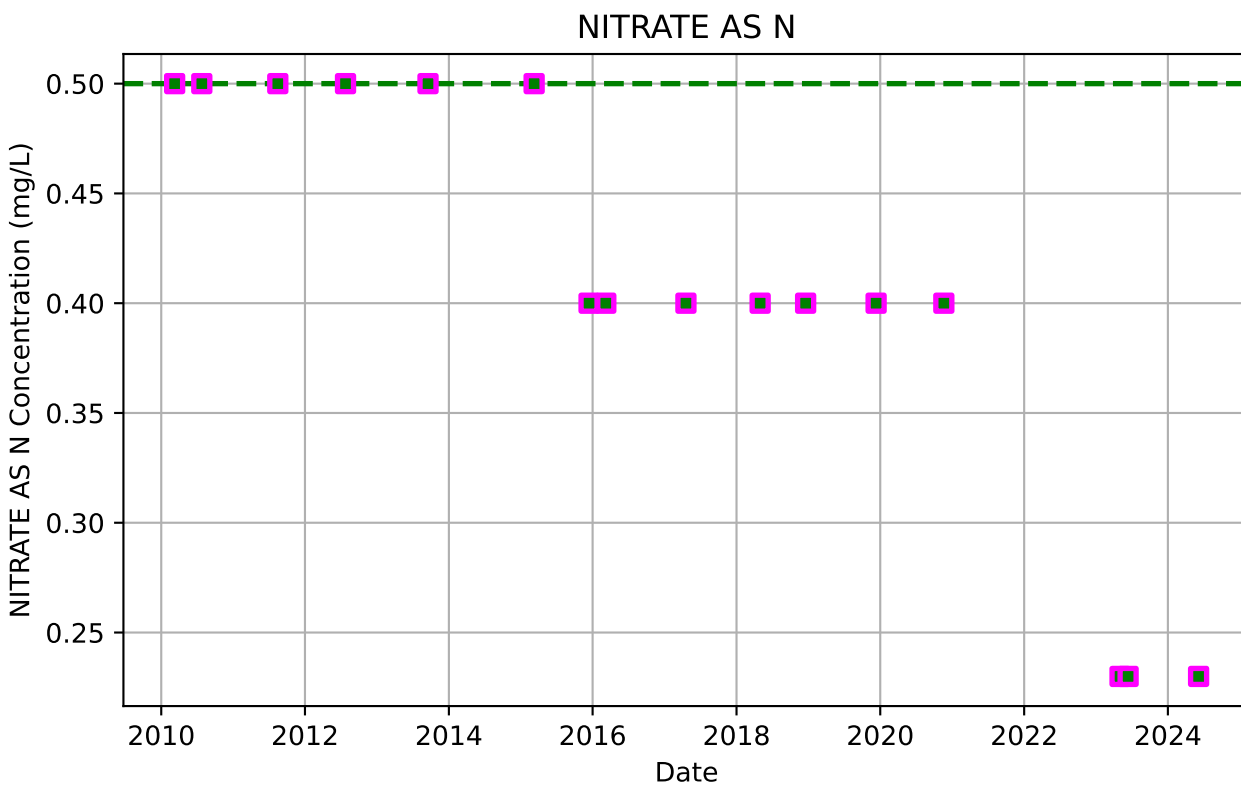
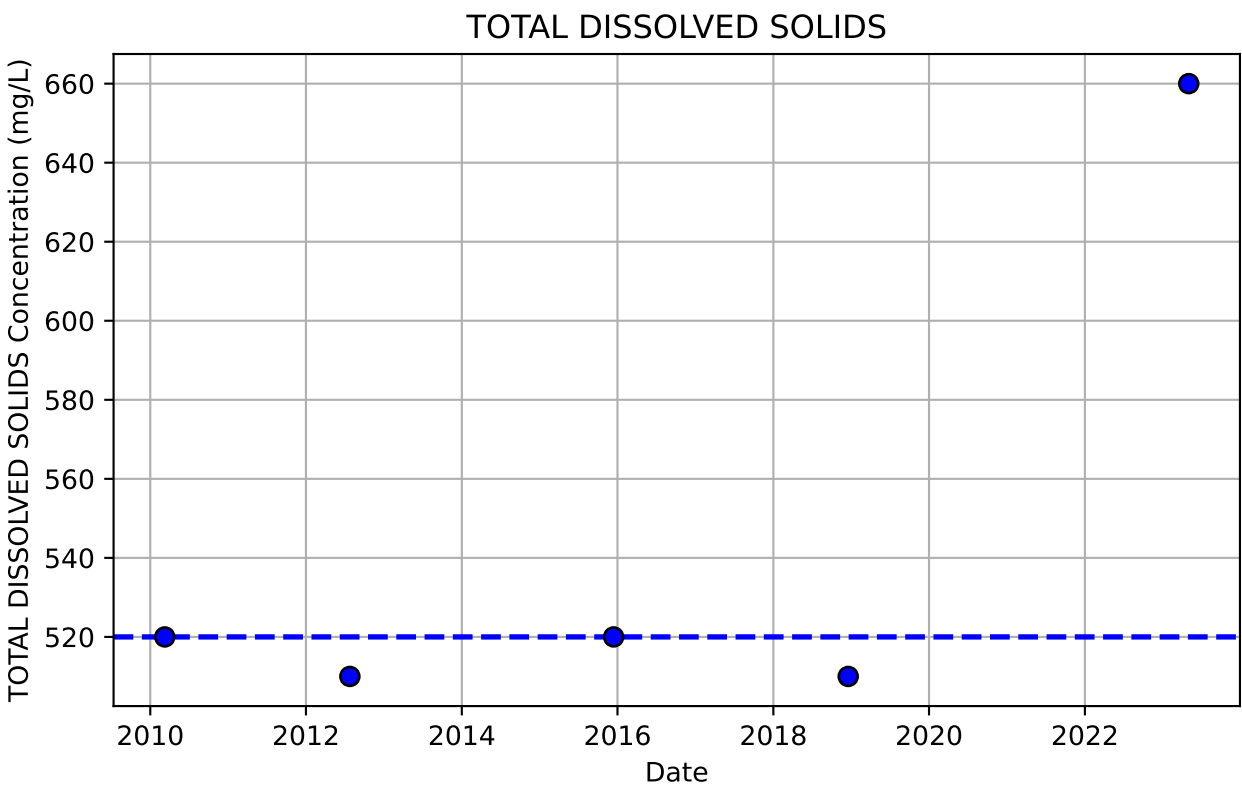
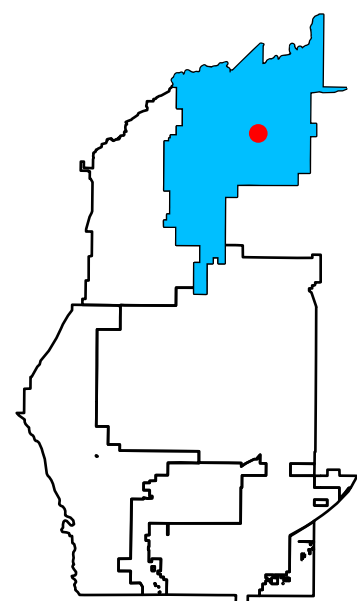
MT: 240.0 mg/L
Latest: 250.0 mg/L on 2024-12-05



MT: 2.0 µg/L
Latest: ND µg/L on 2022-02-16
1,2,3-TRICHLOROPROPANE (1,2,3 TCP) (Not detected)

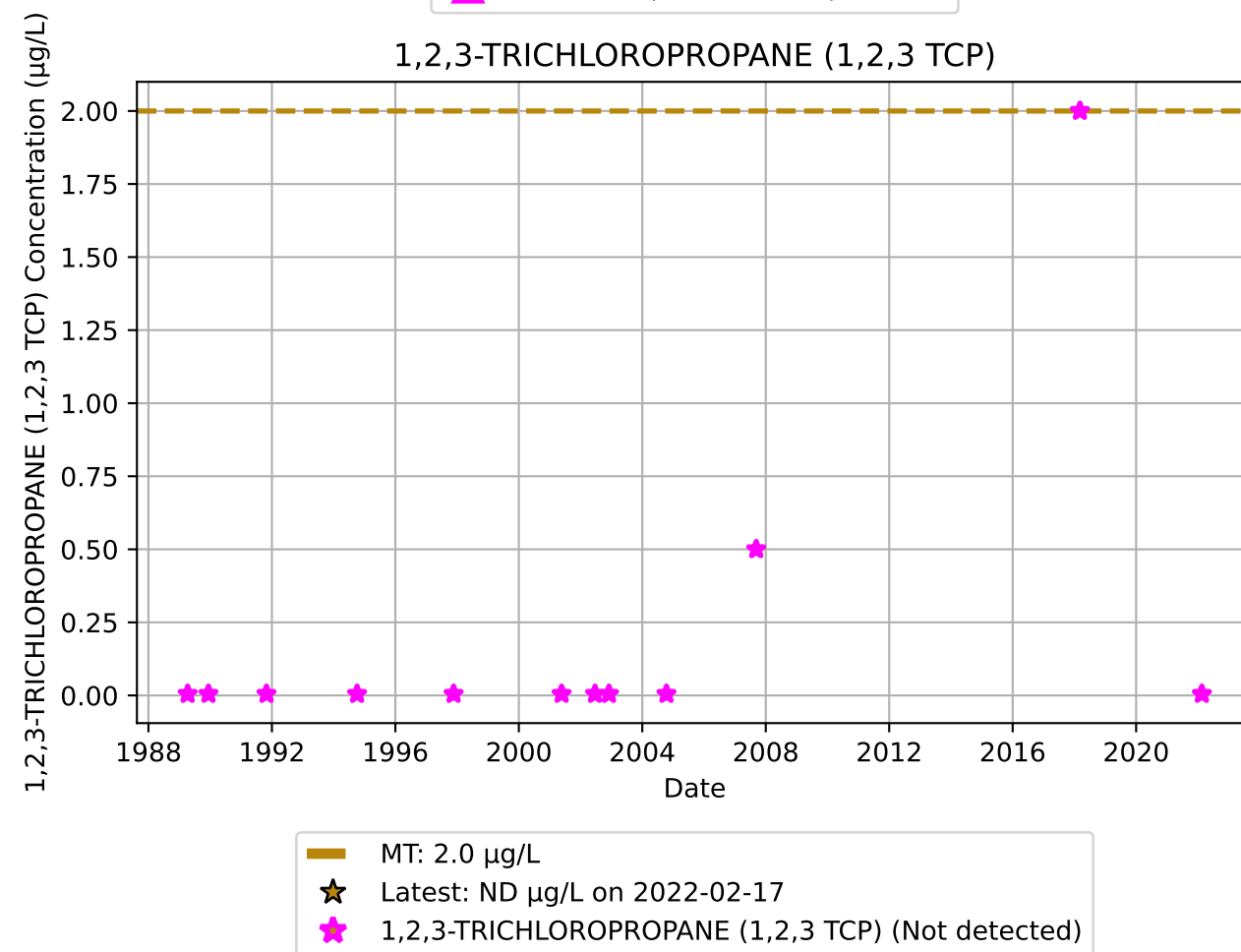
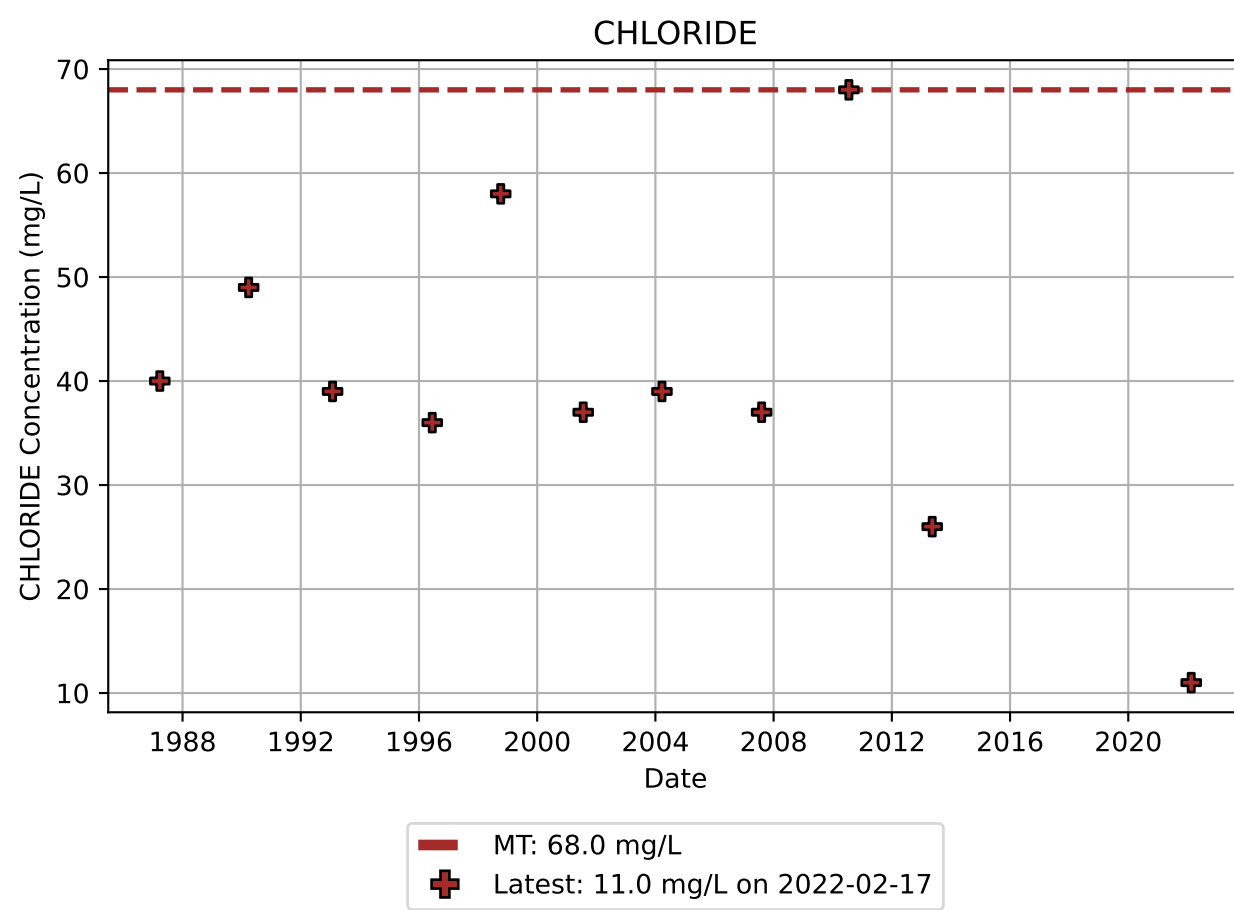
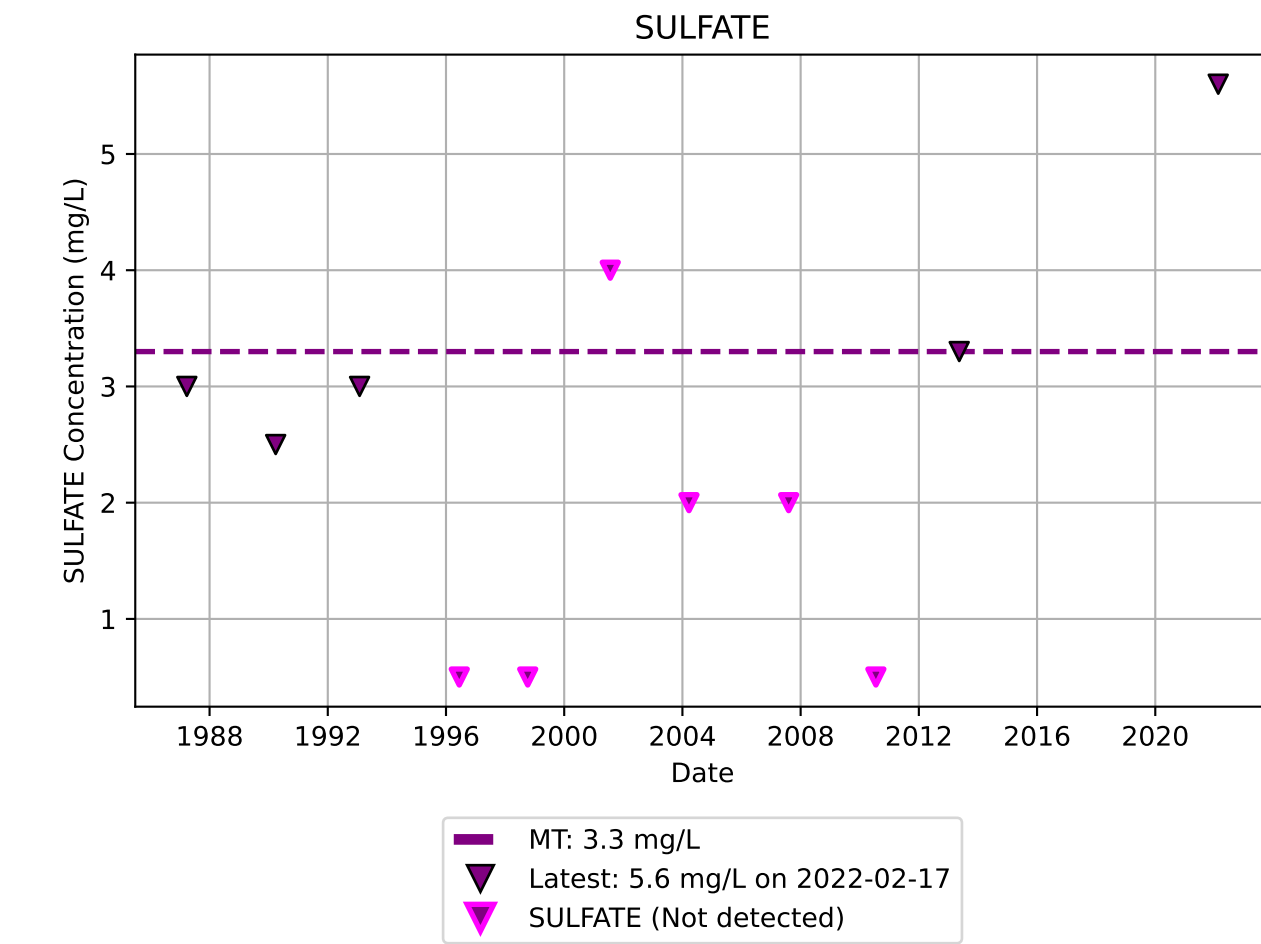
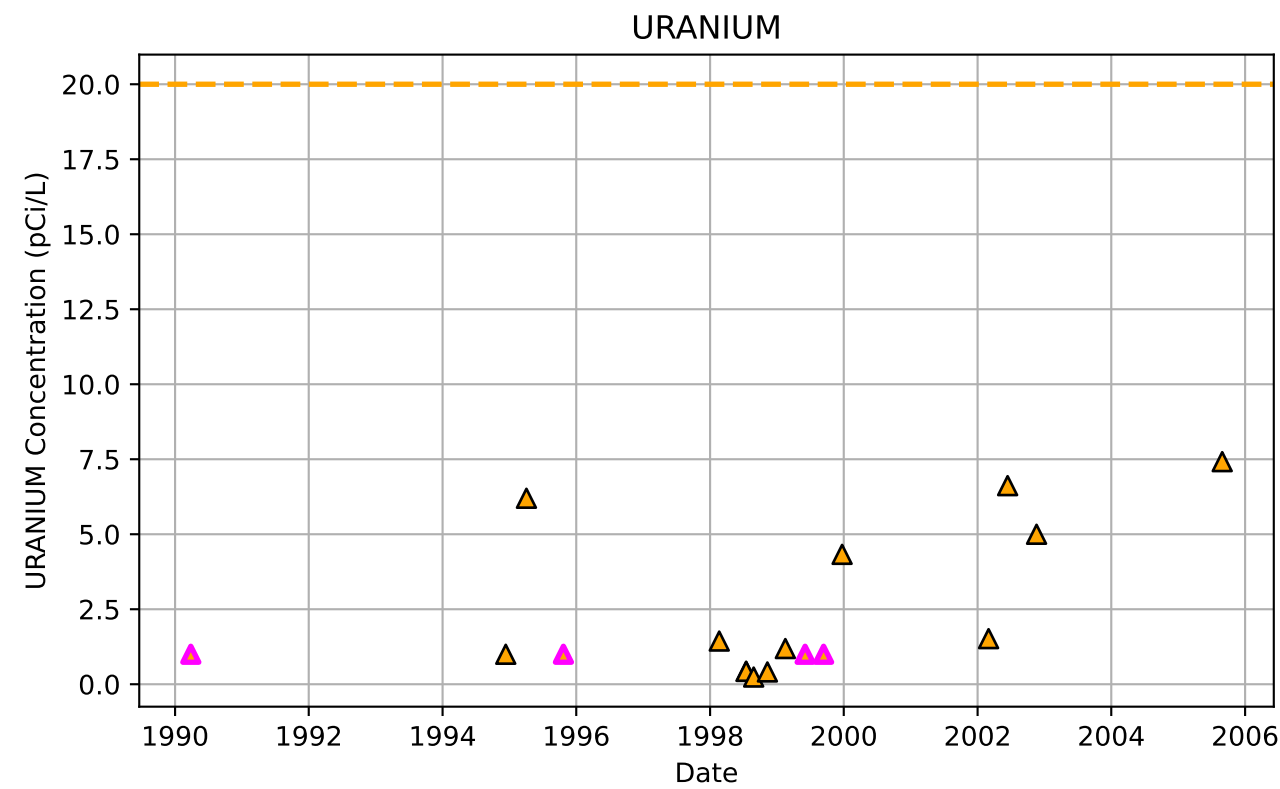
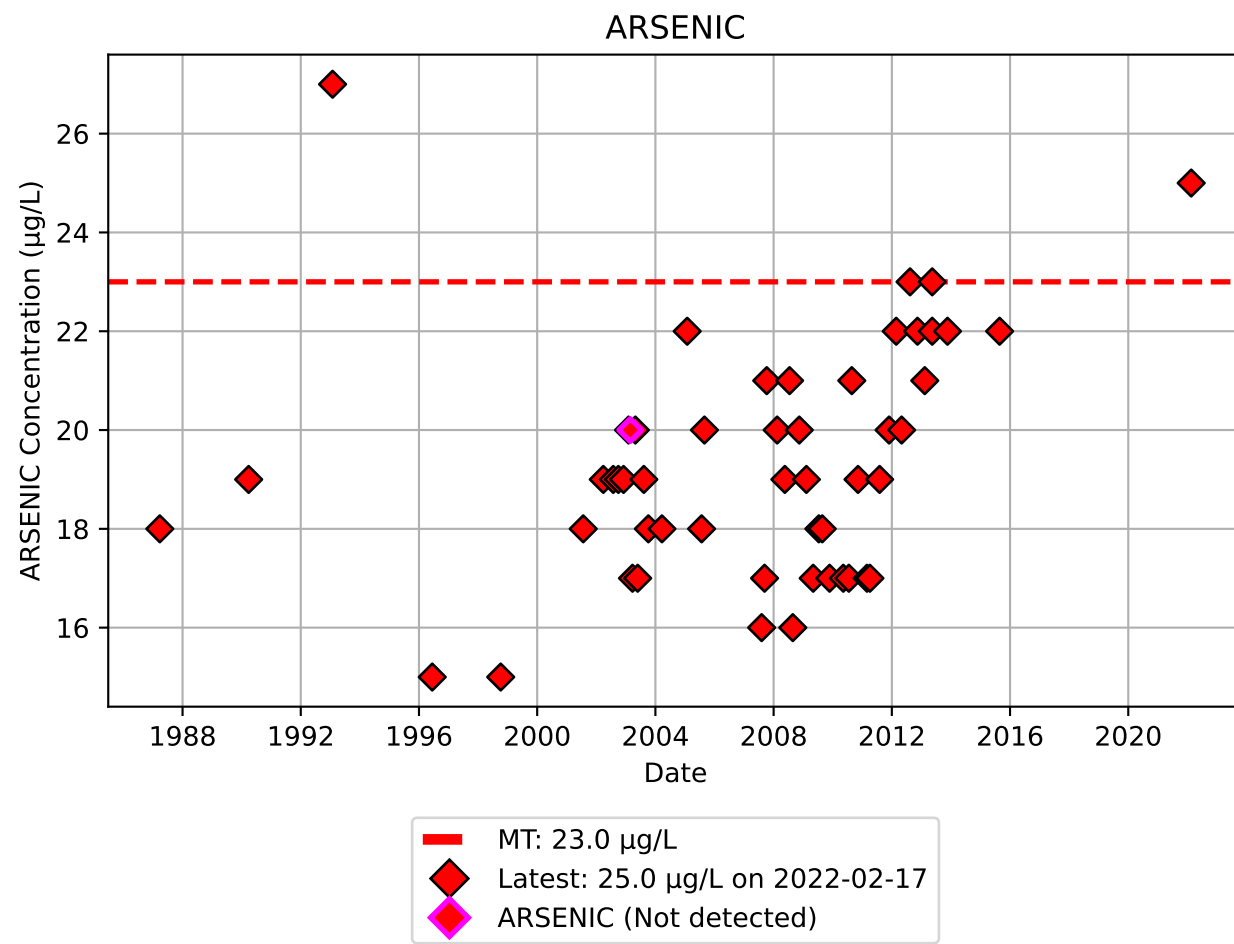
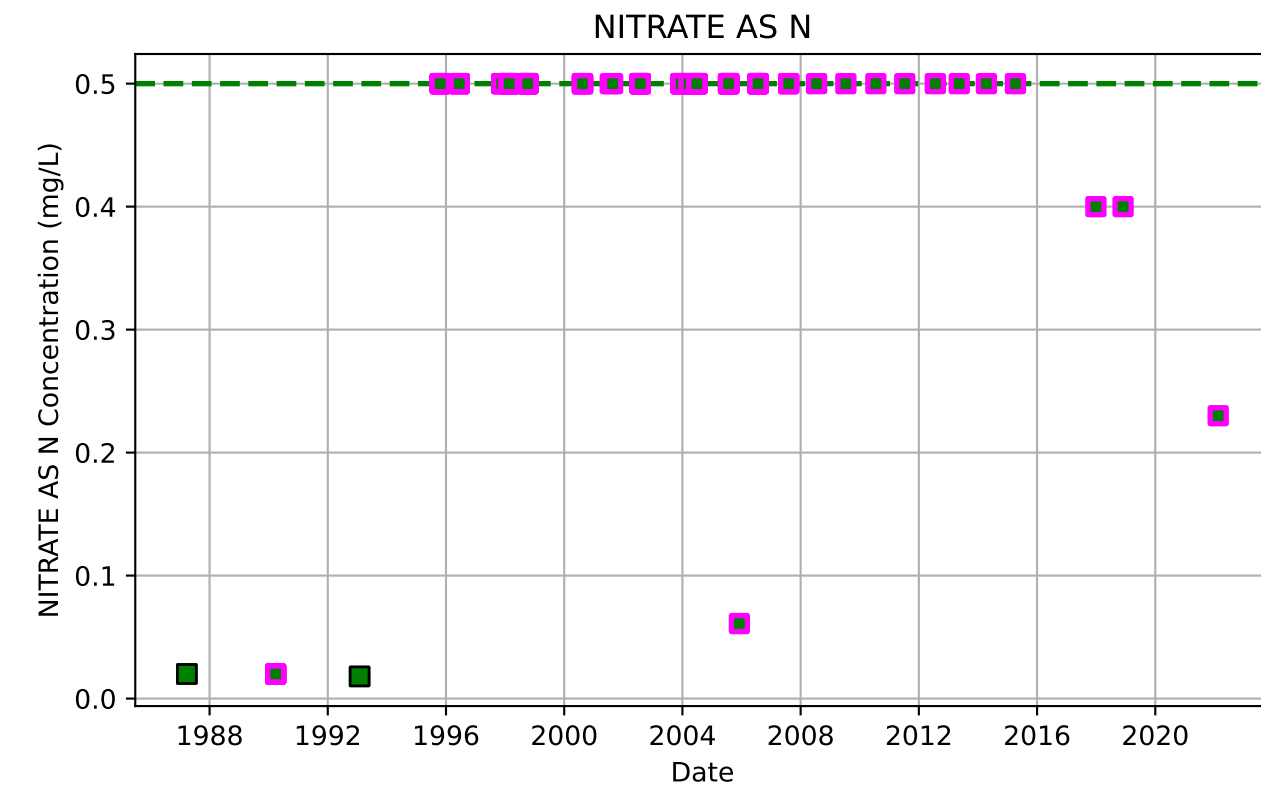
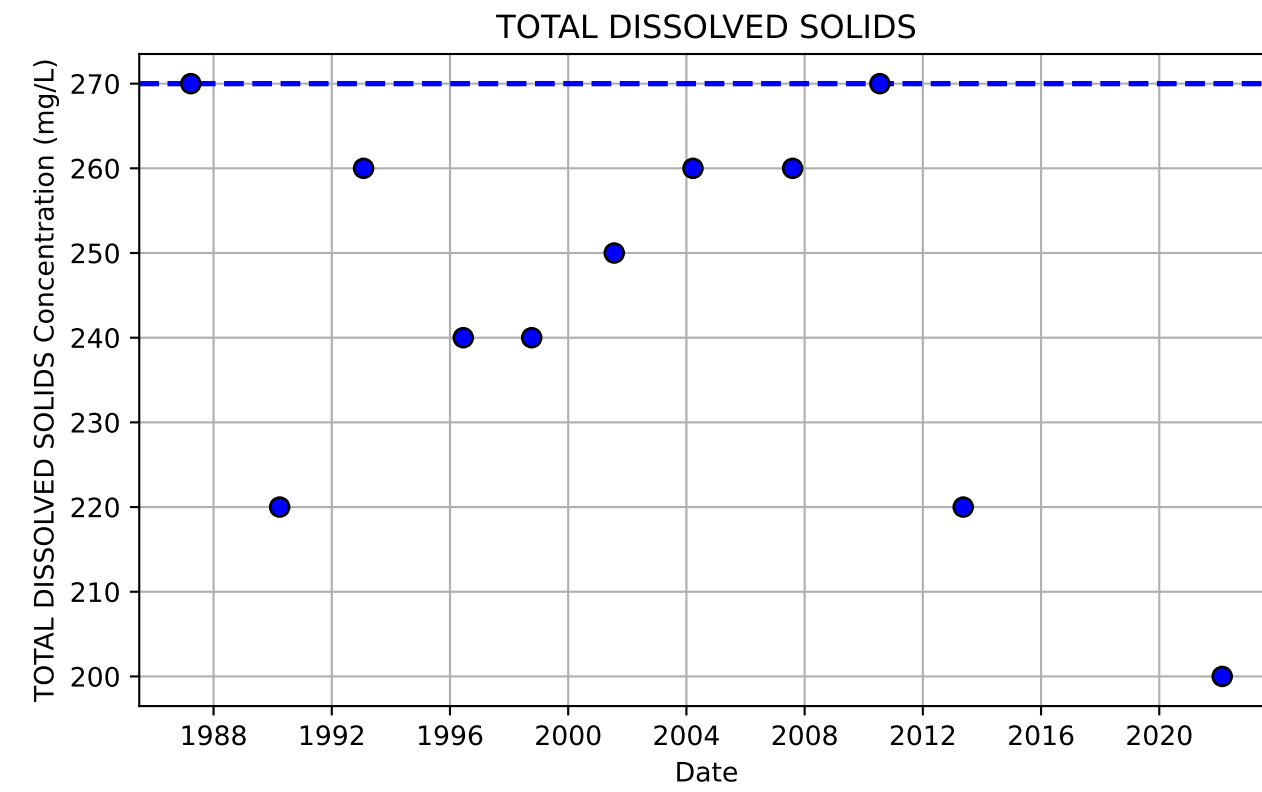
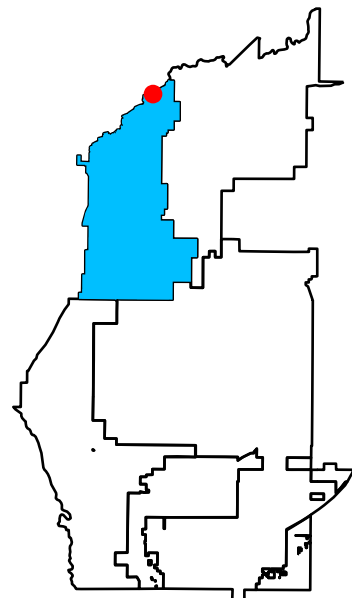
Water Quality RMS Well 1610003-043
Mid-Kings River GSA
Screened in the C-Zone aquifer

RMS well location
in Mid-Kings River GSA



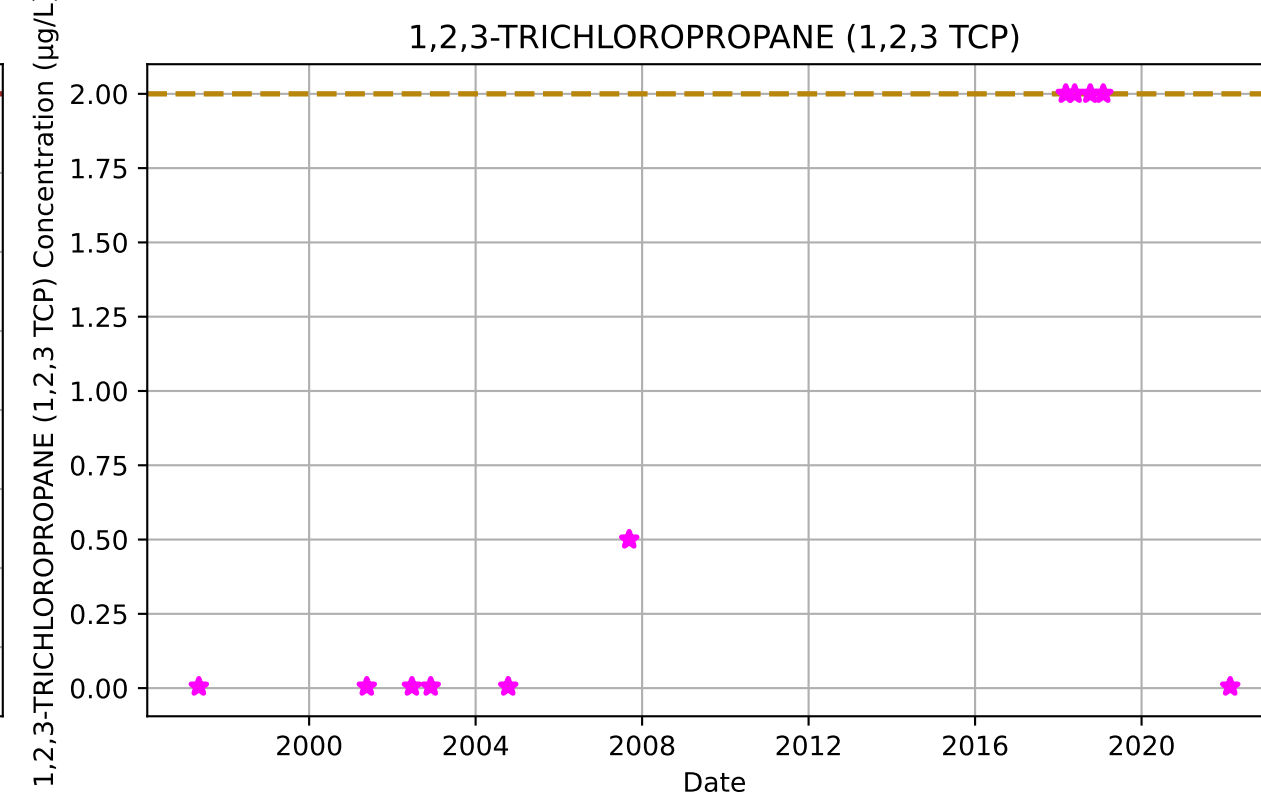
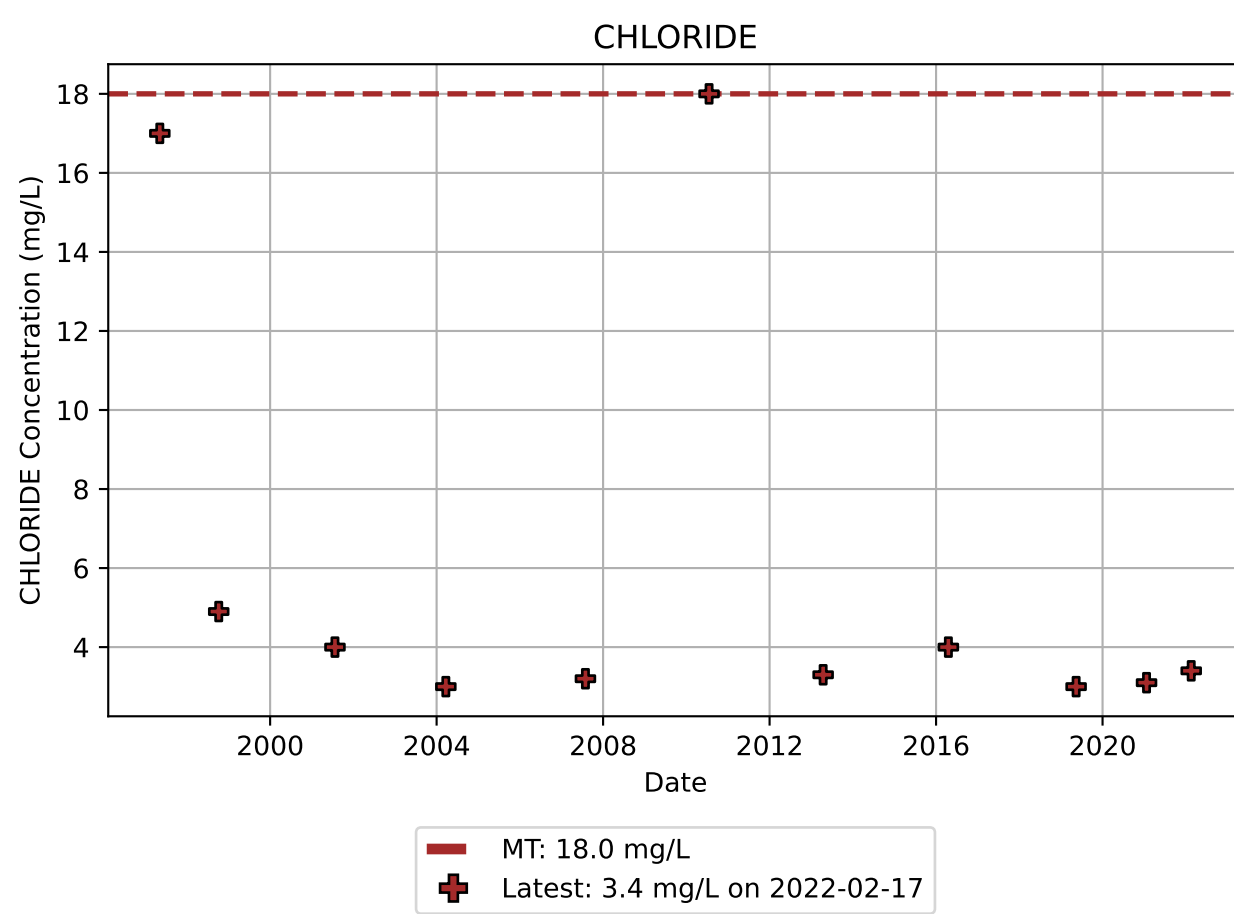
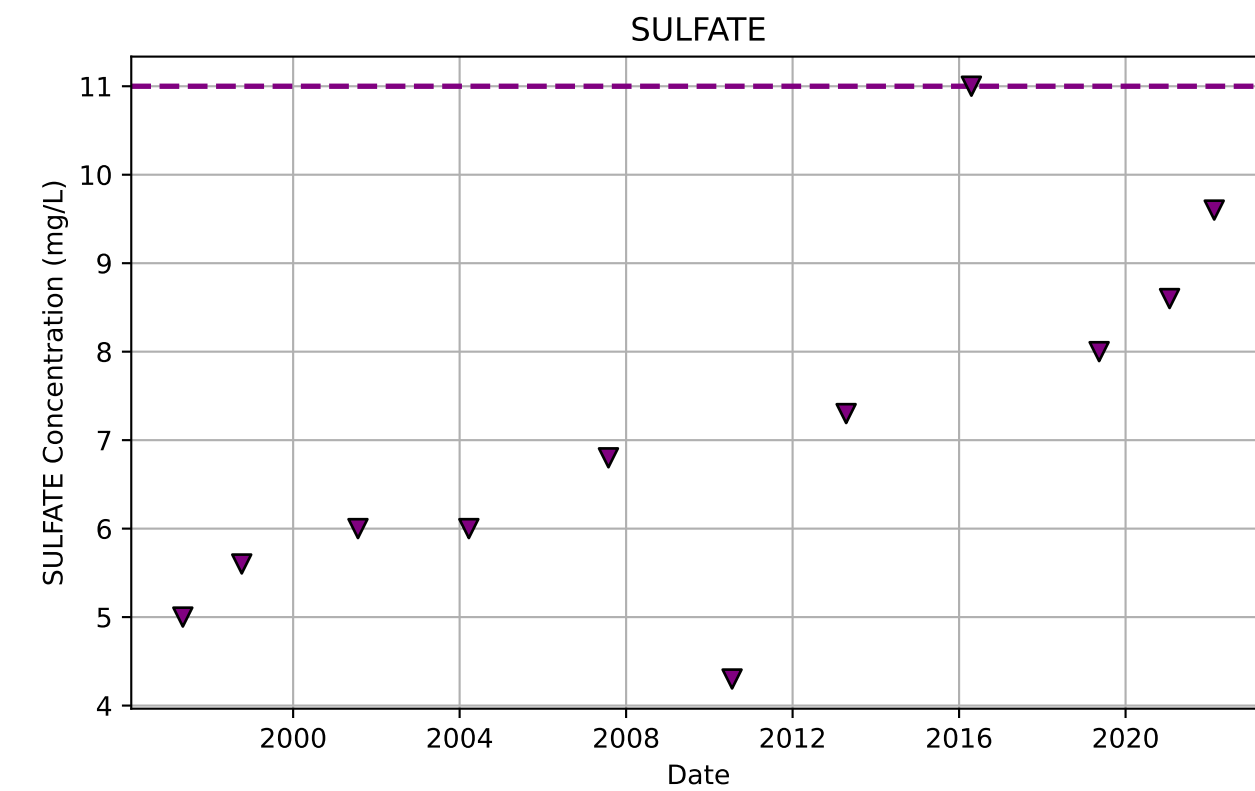
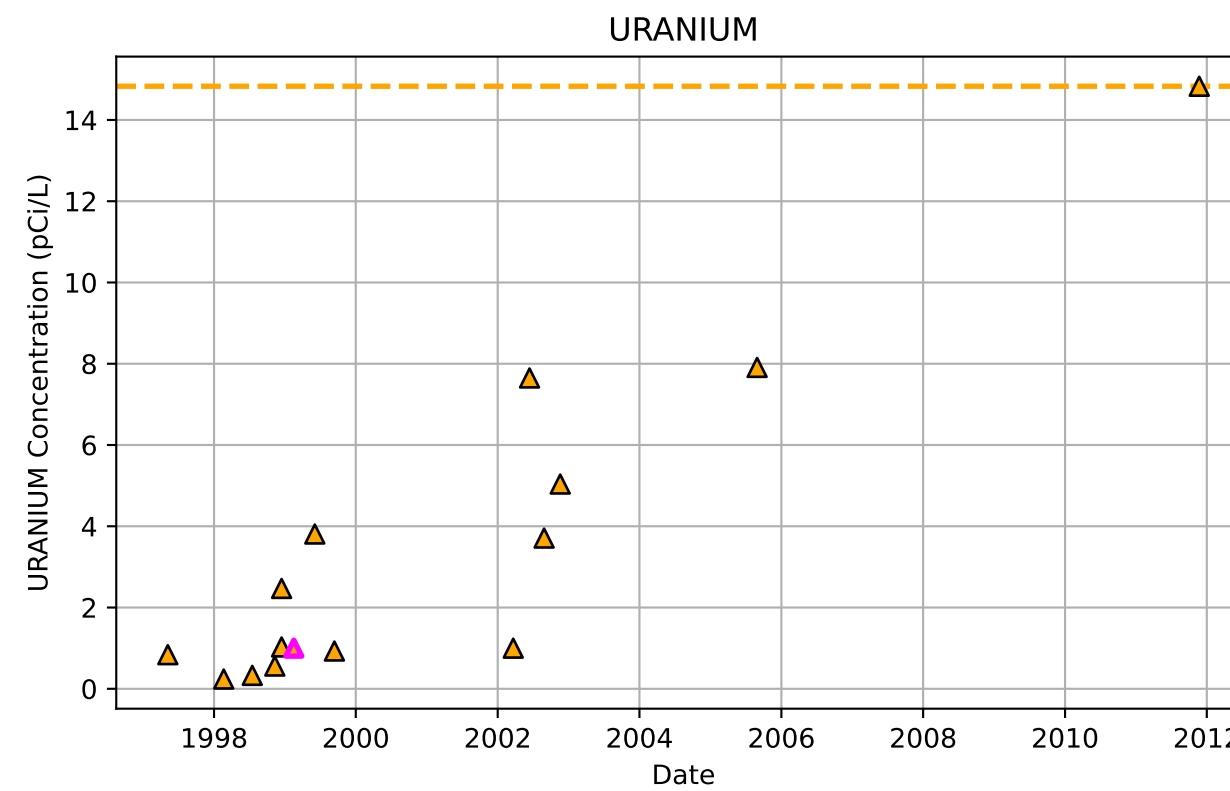
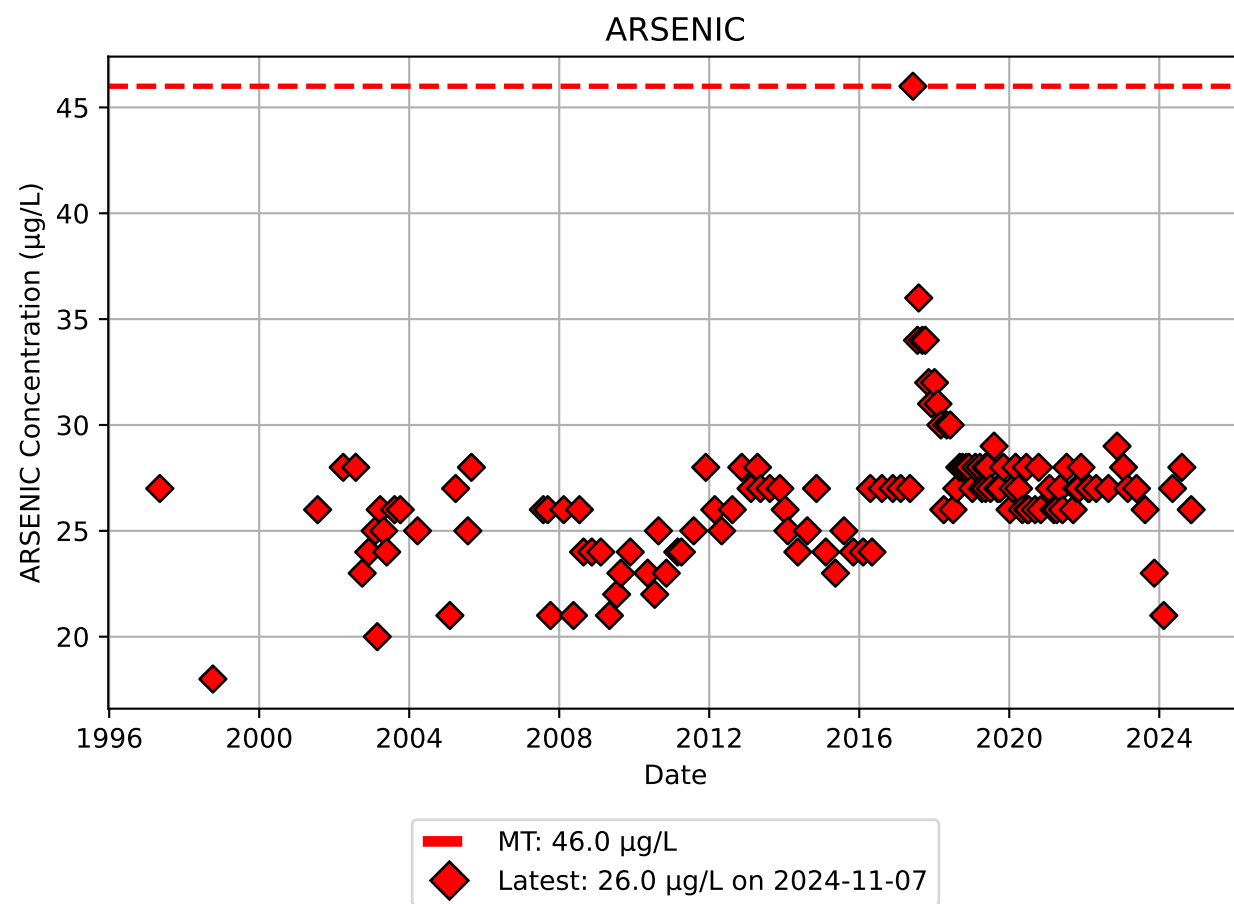
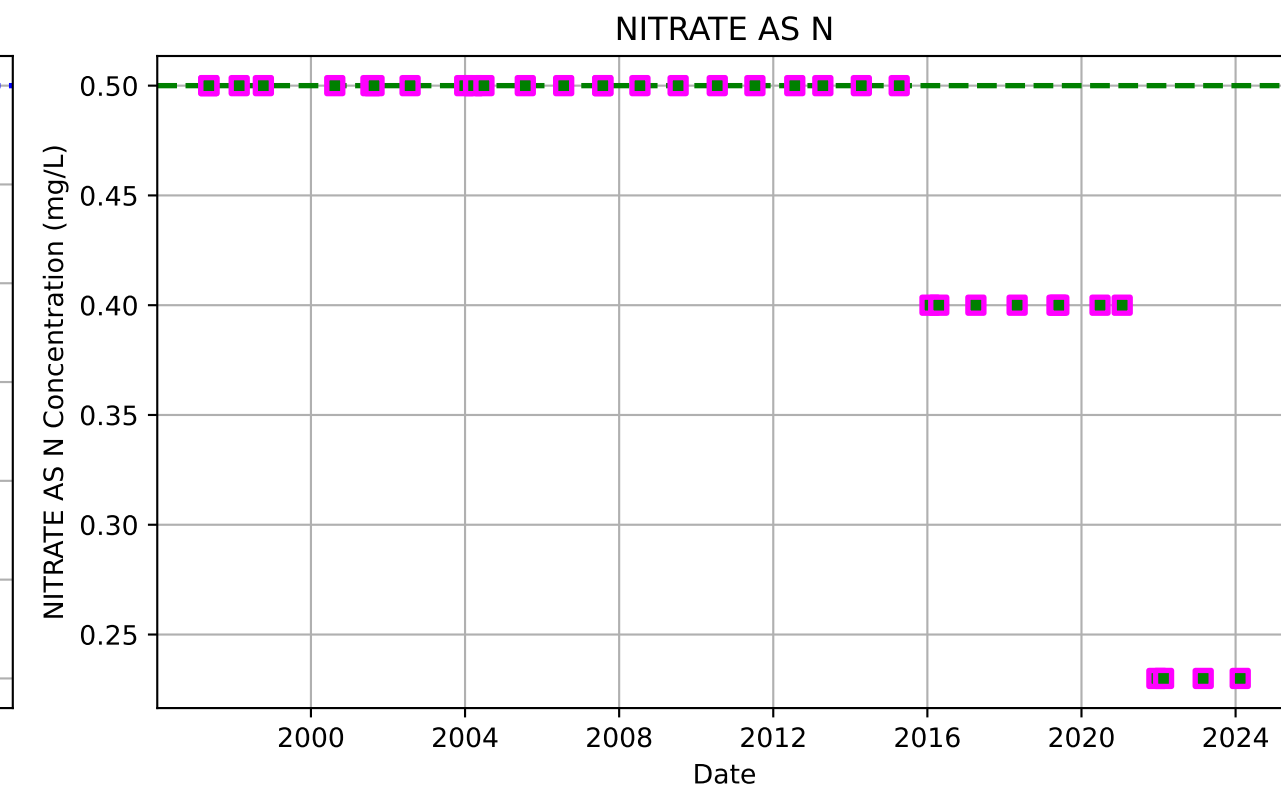
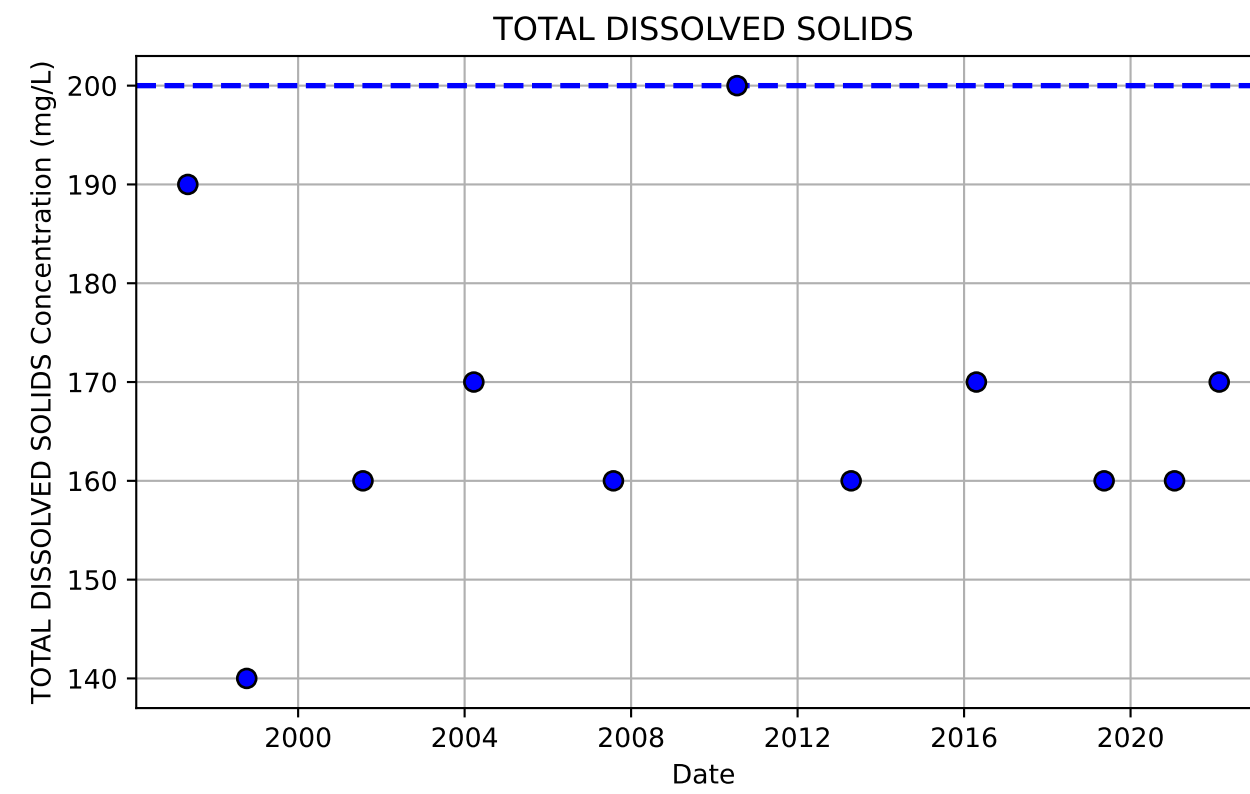
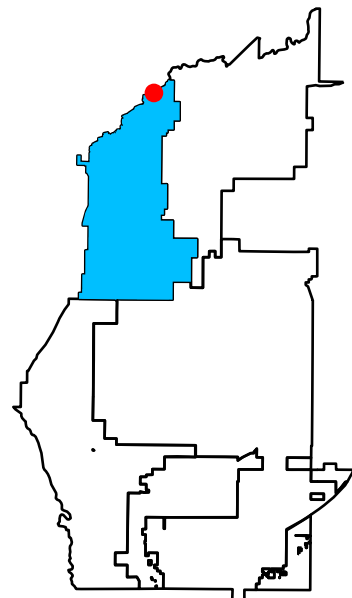
Water Quality RMS Well 1610005-003
South Fork Kings GSA
Screened in the B-Zone aquifer

RMS well location
in South Fork Kings GSA



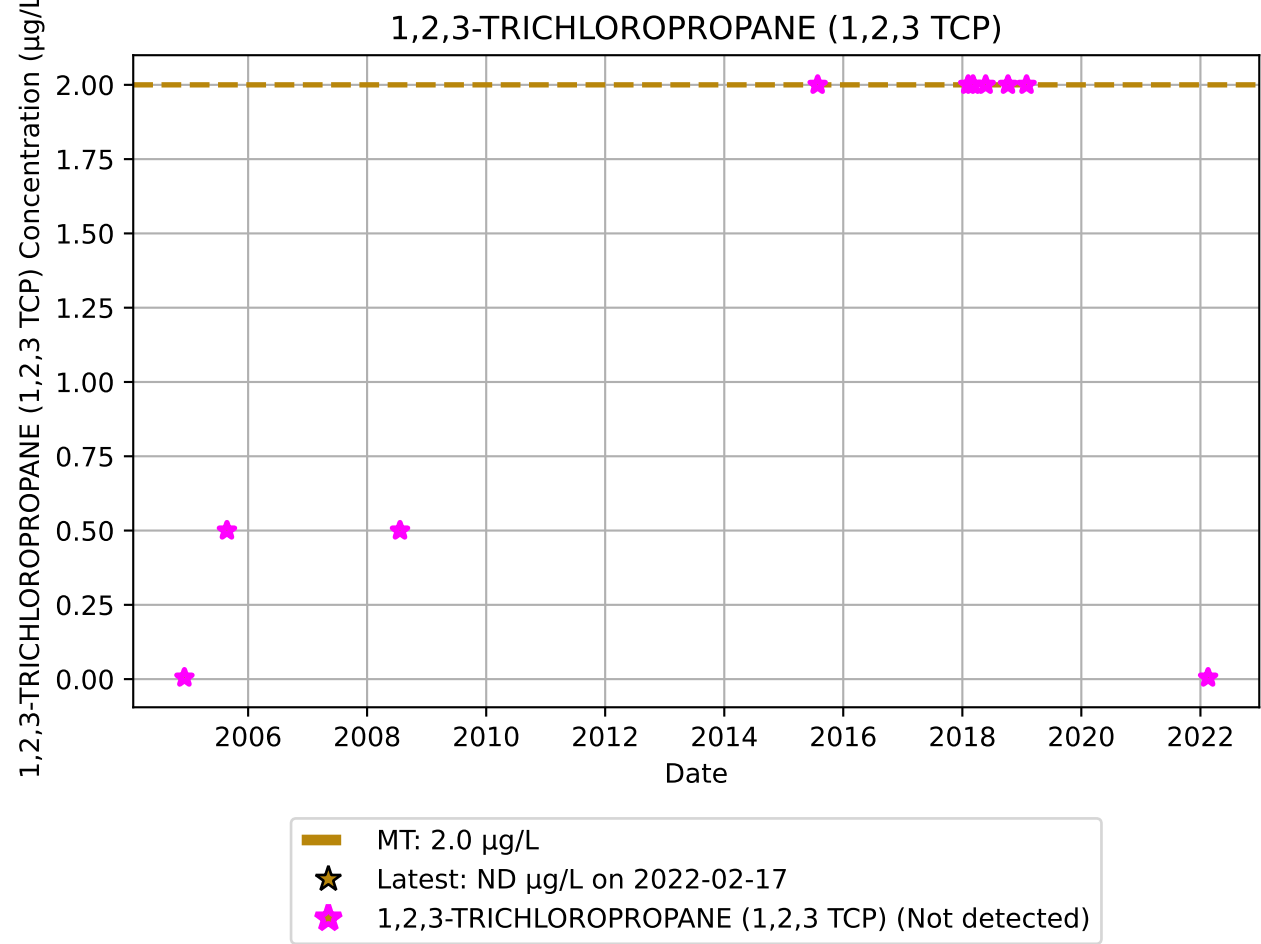
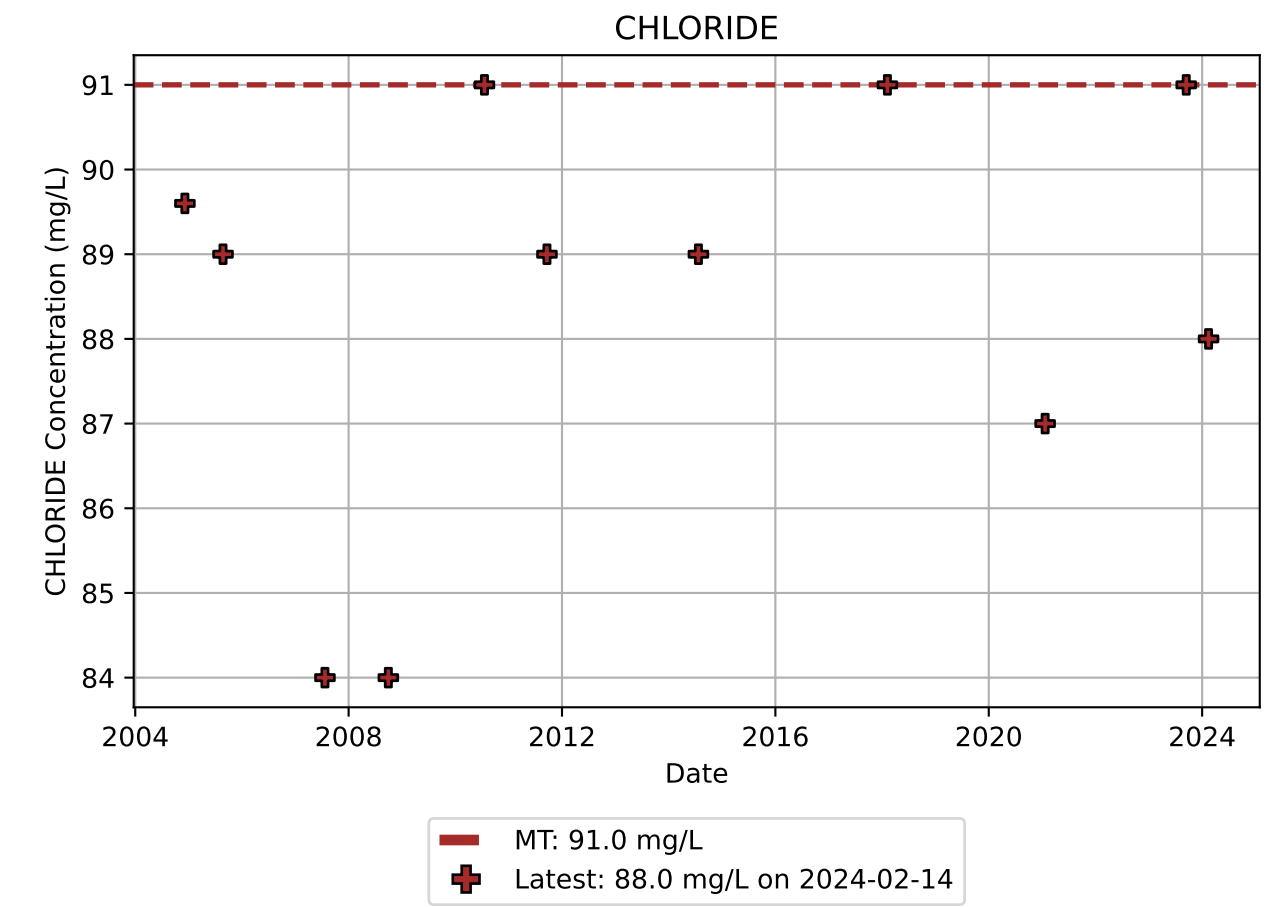
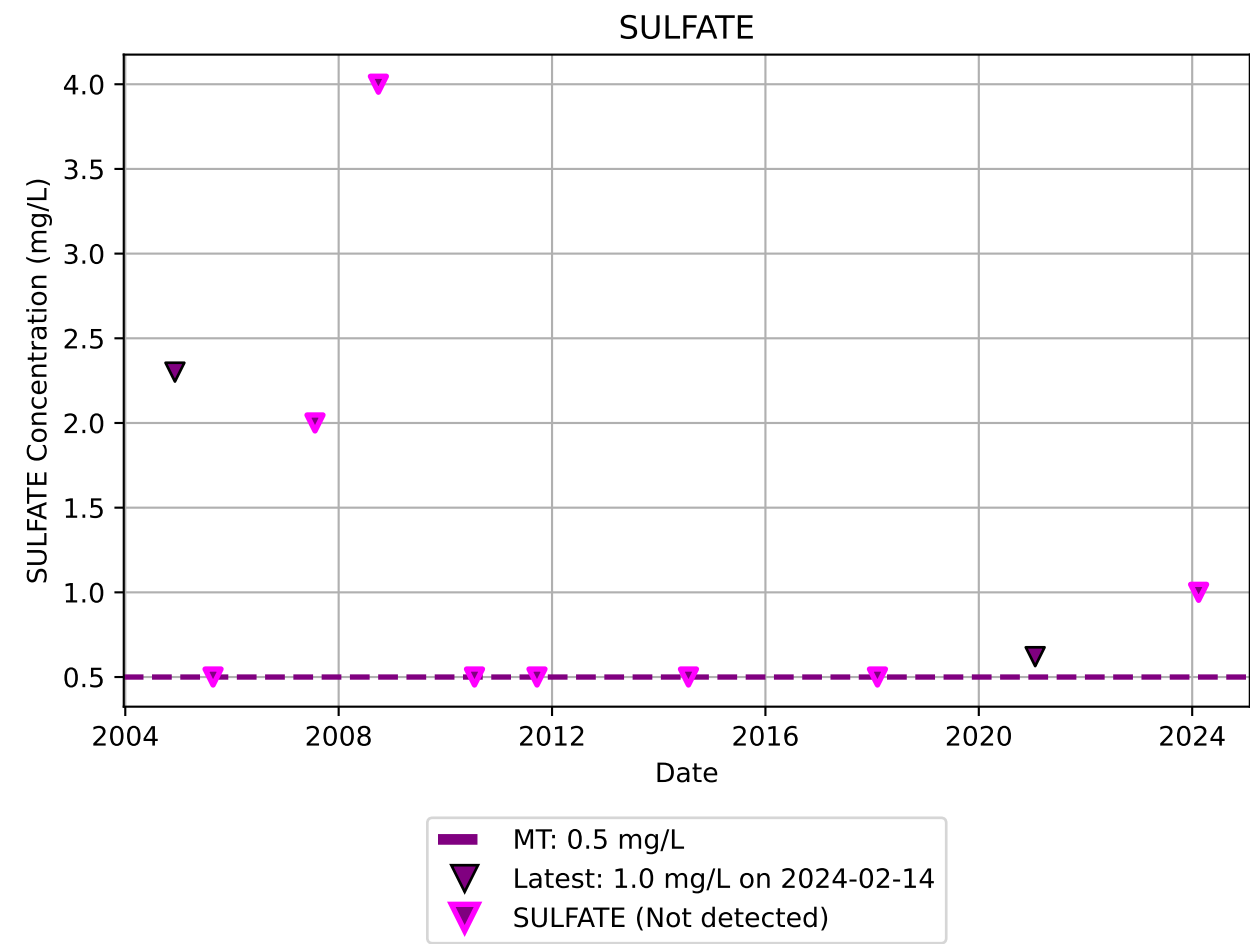
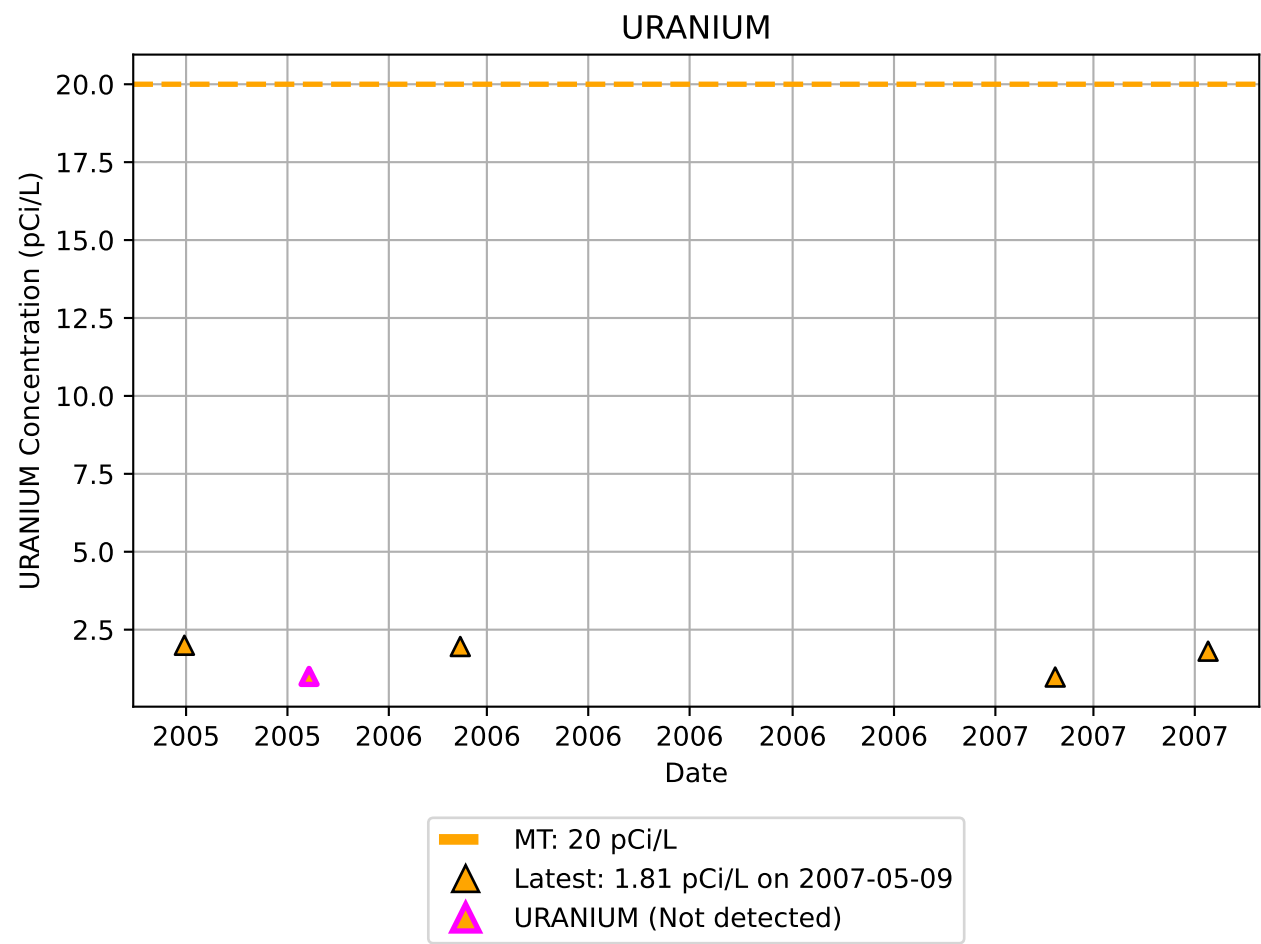
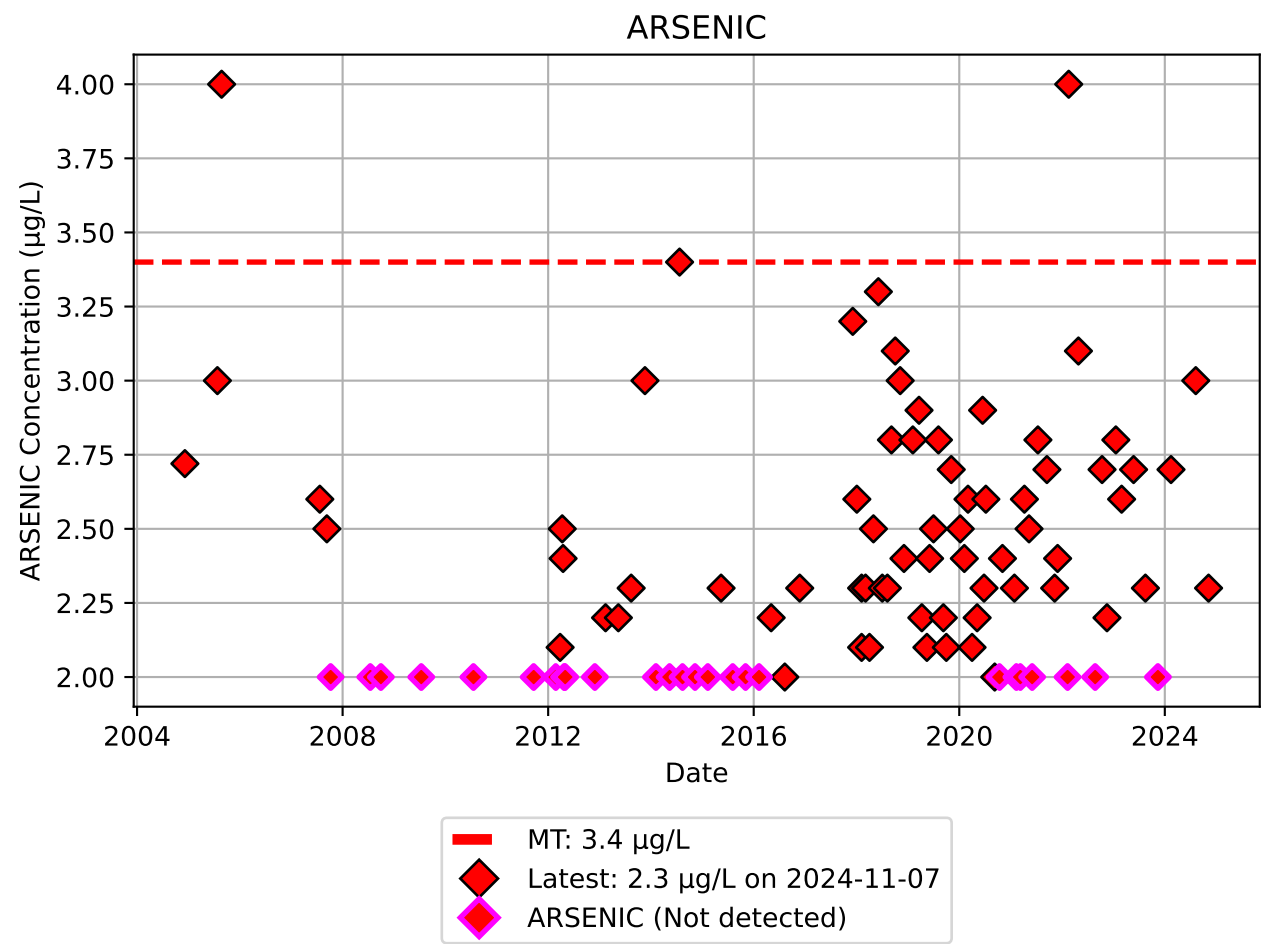
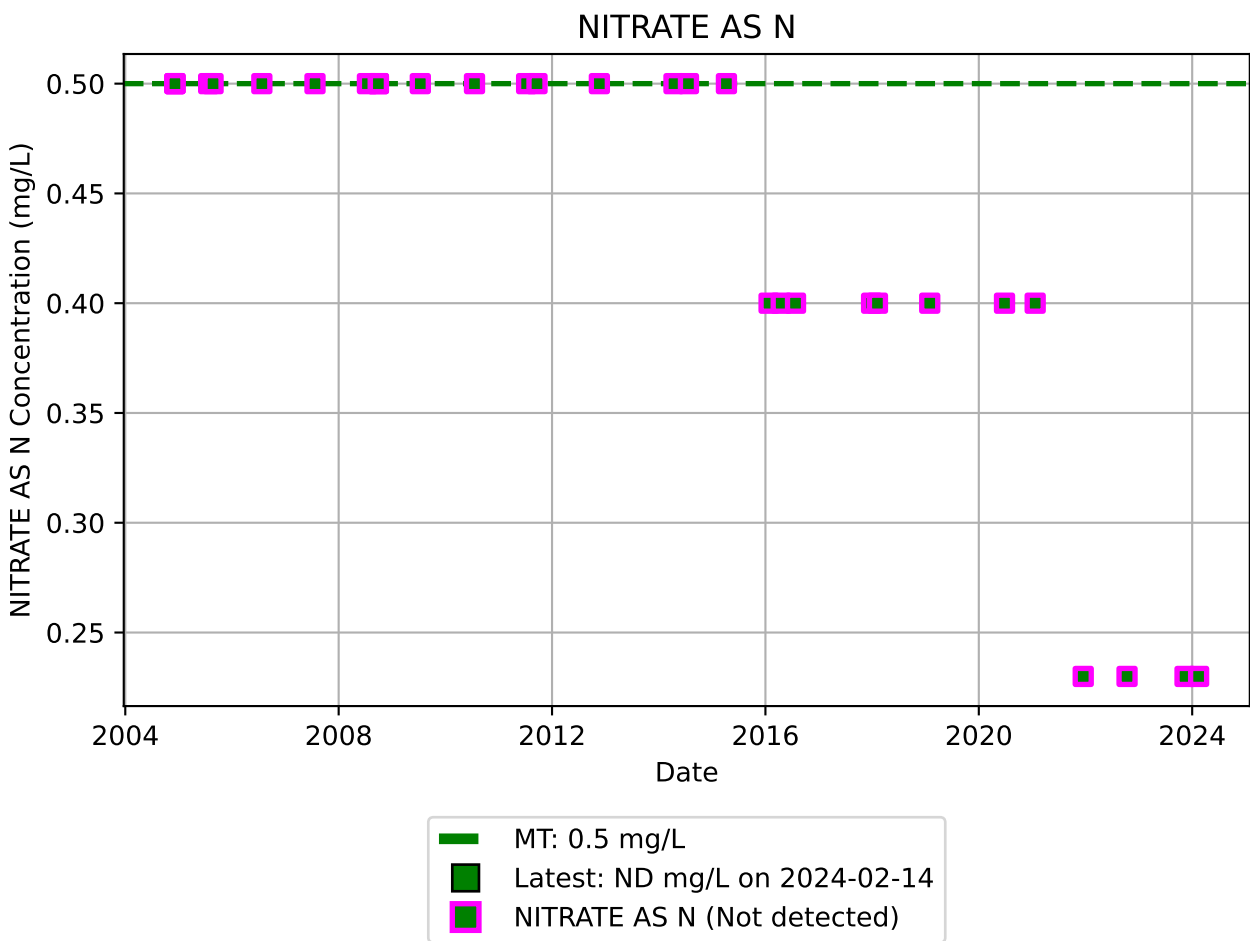
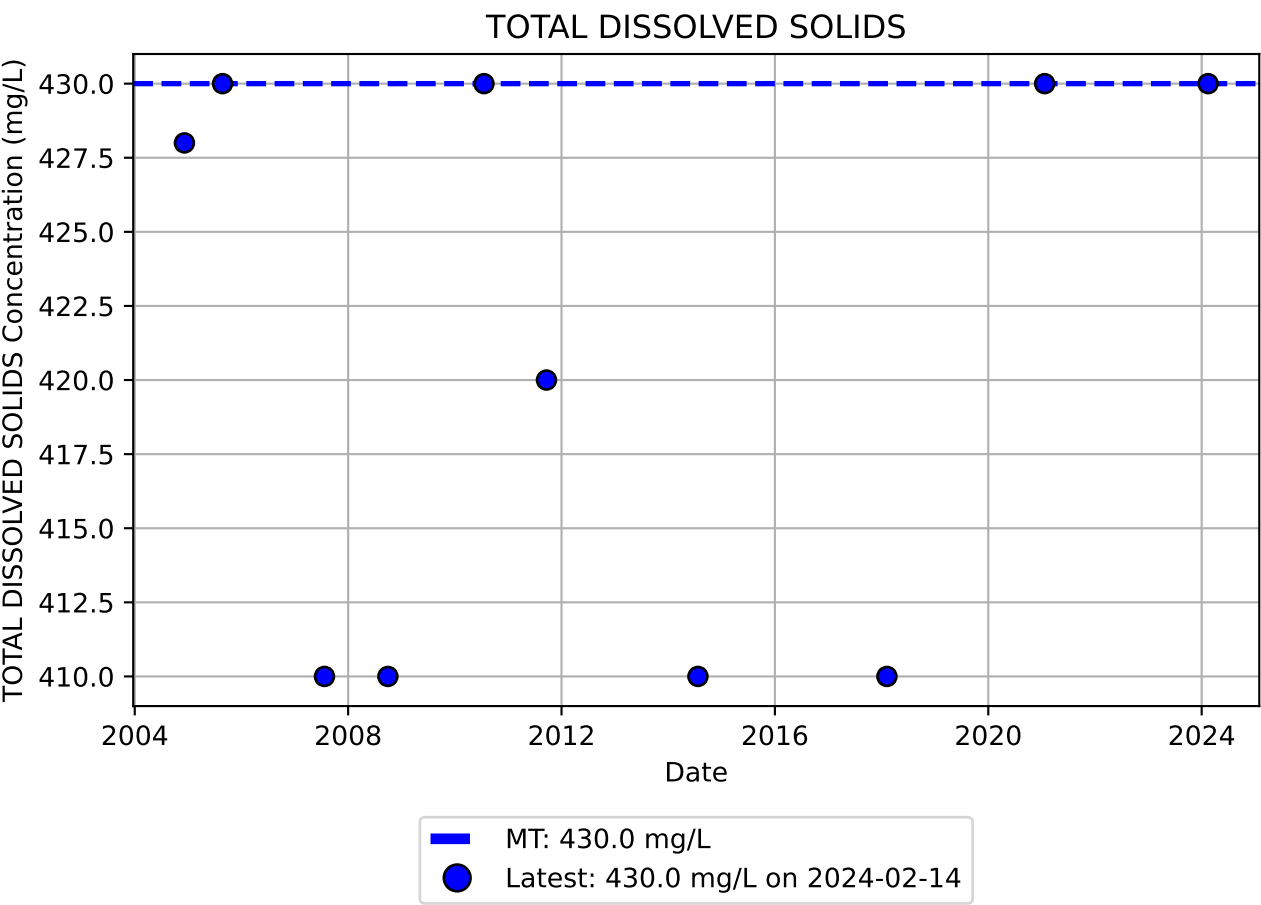
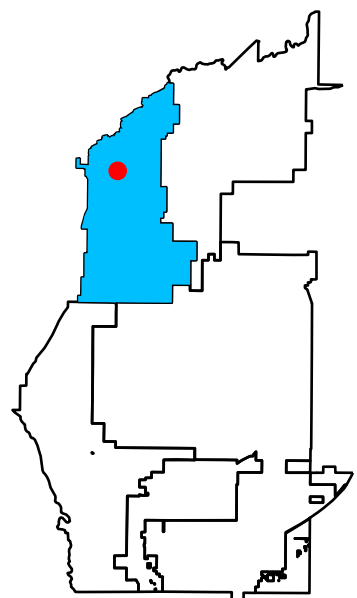
Water Quality RMS Well 1610005-009
South Fork Kings GSA
Screened in the B-Zone aquifer

RMS well location
in South Fork Kings GSA



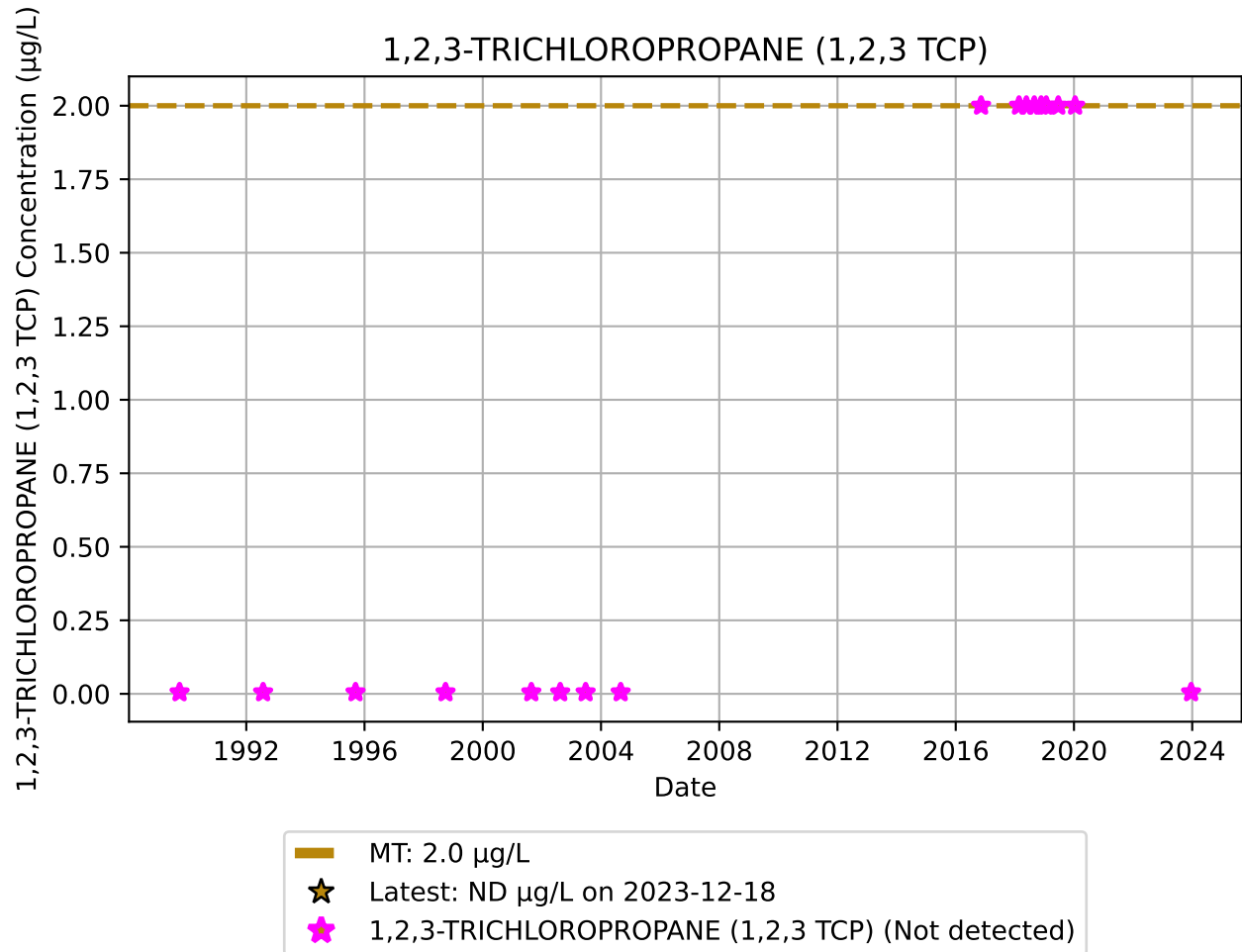
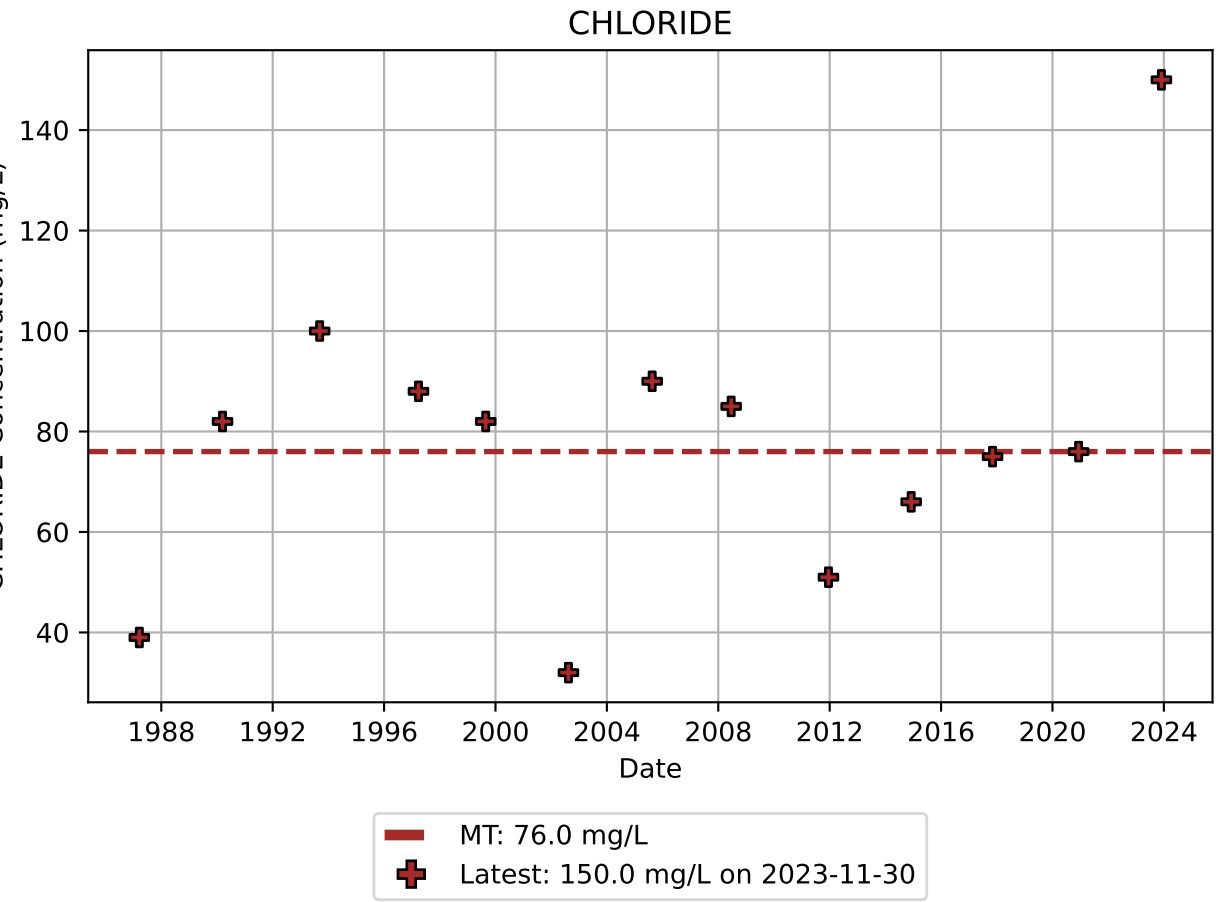
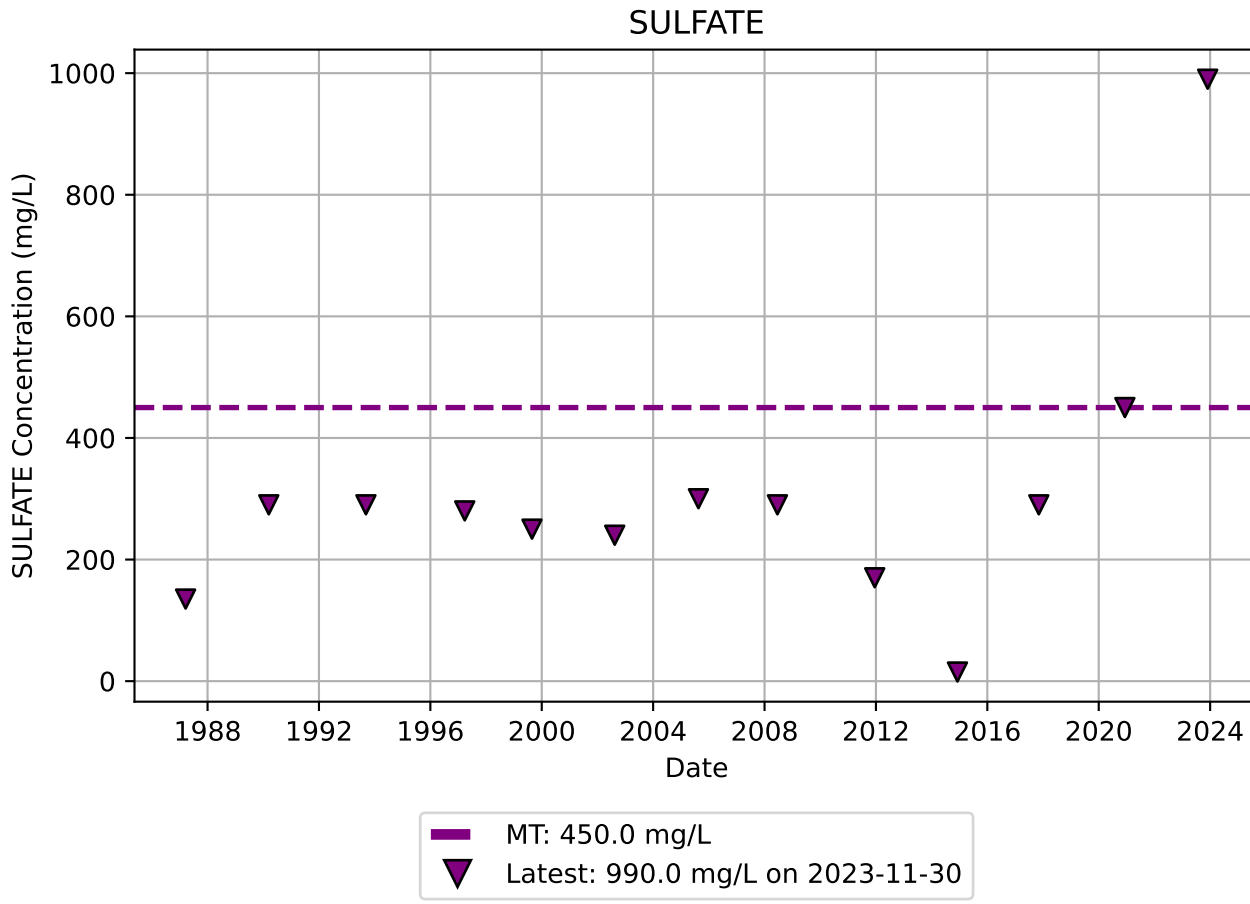
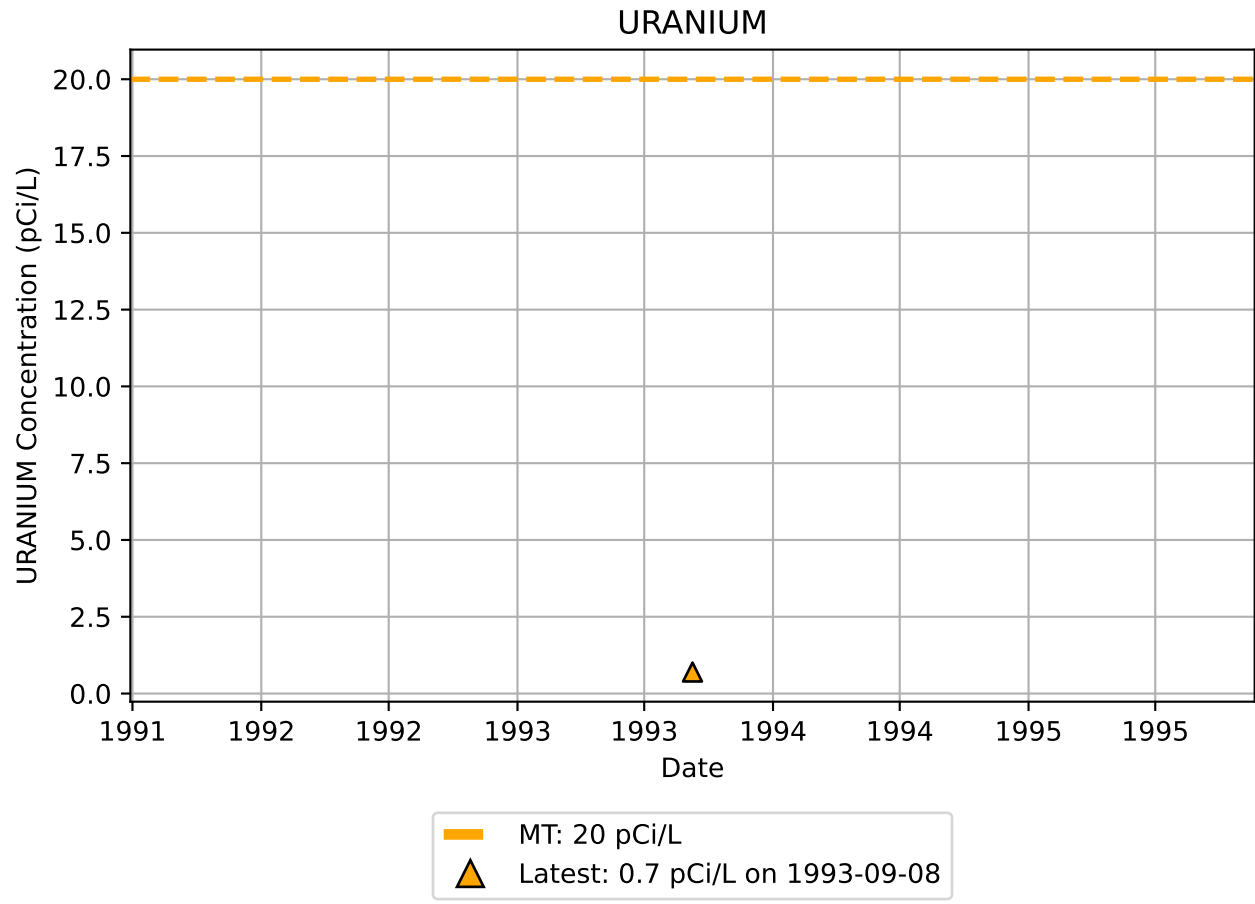
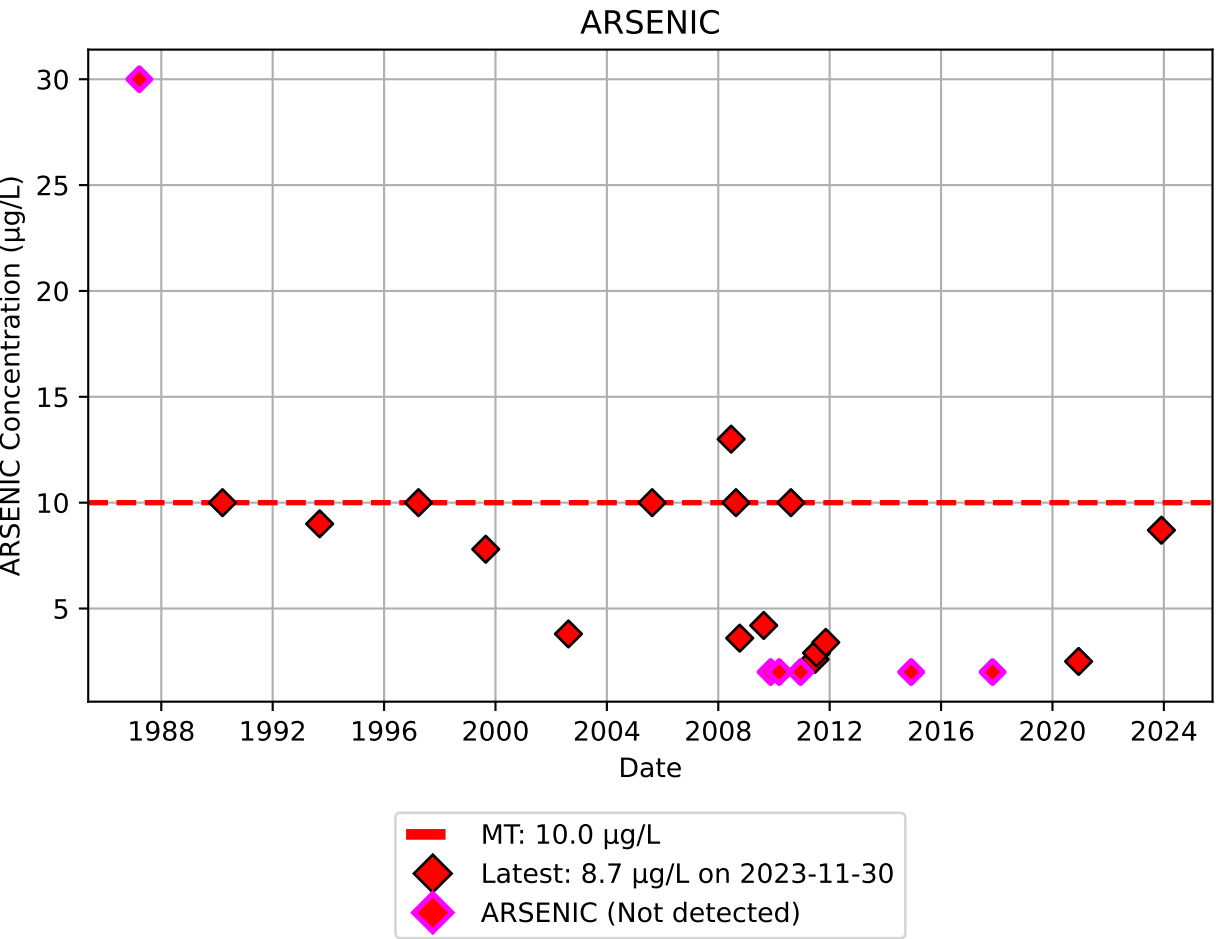
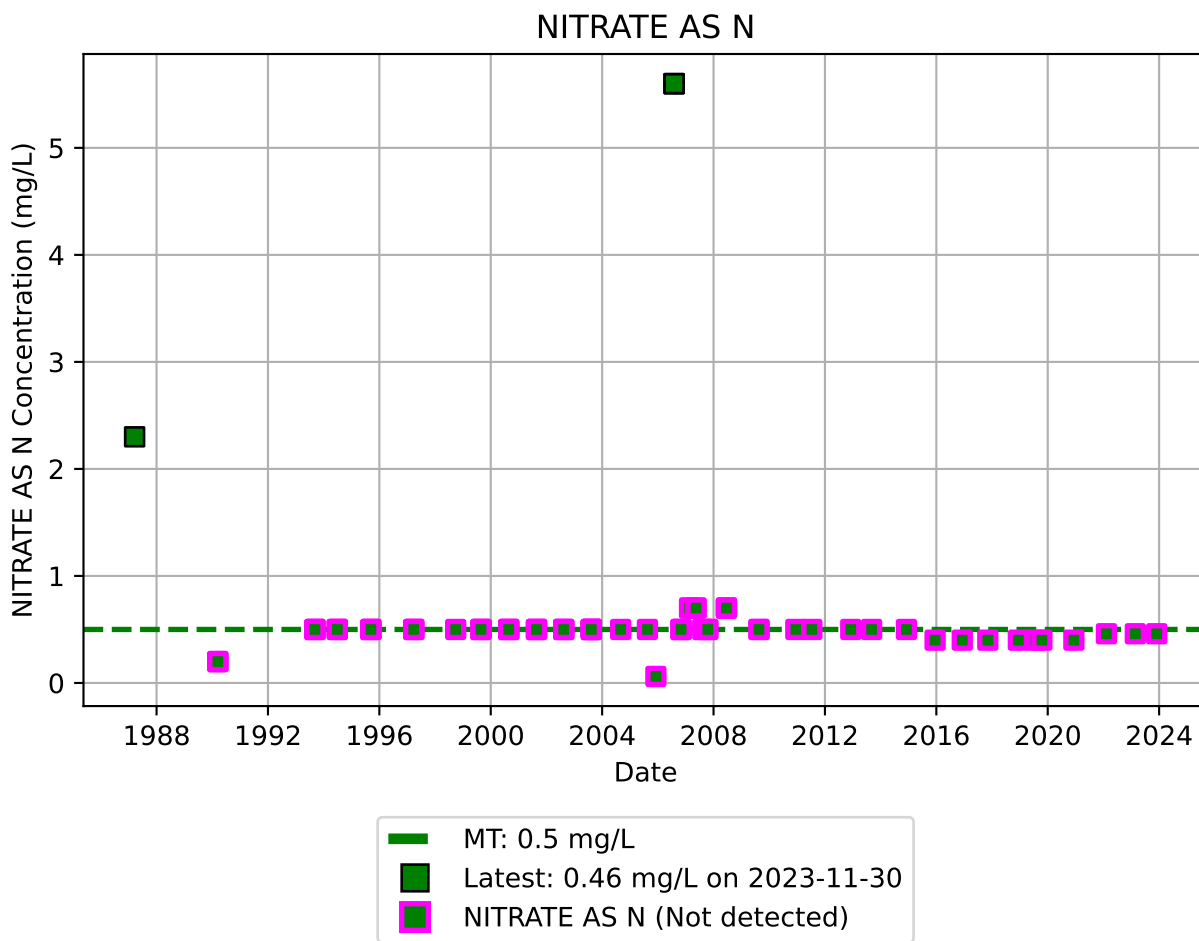
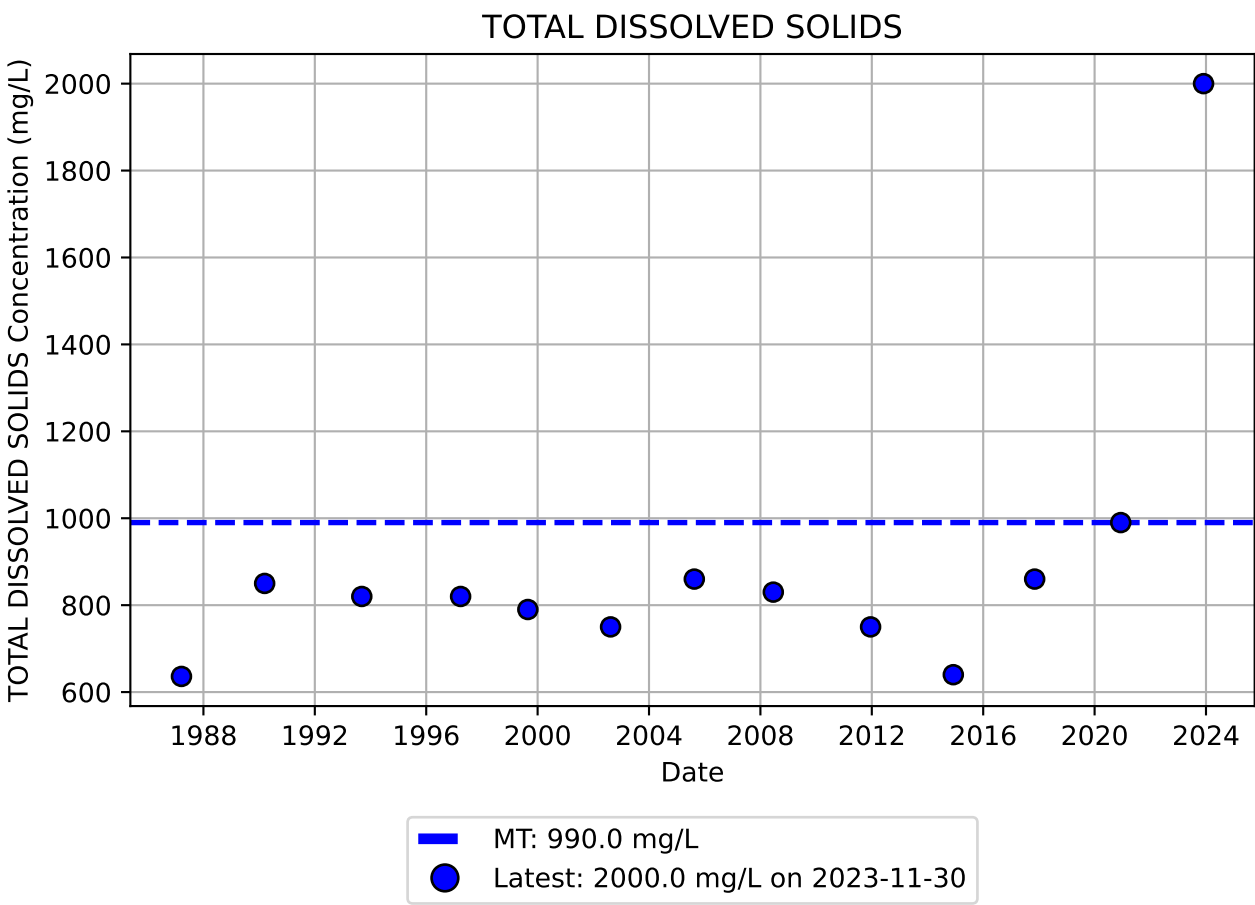
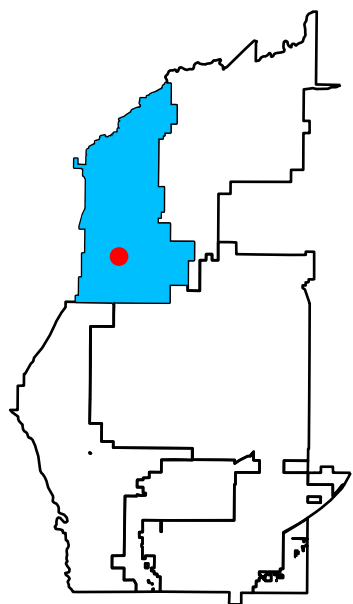
Water Quality RMS Well 1610005-018
South Fork Kings GSA
Screened in the B-Zone aquifer

RMS well location
in South Fork Kings GSA



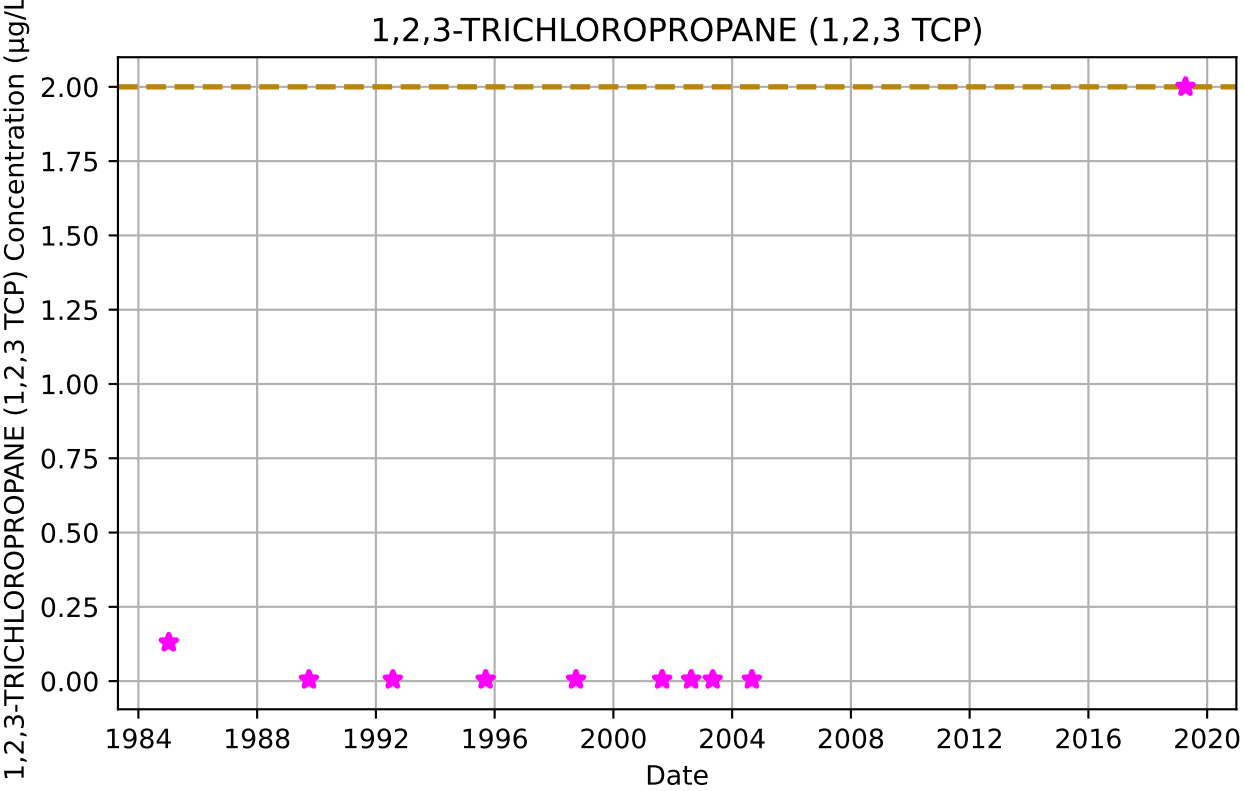
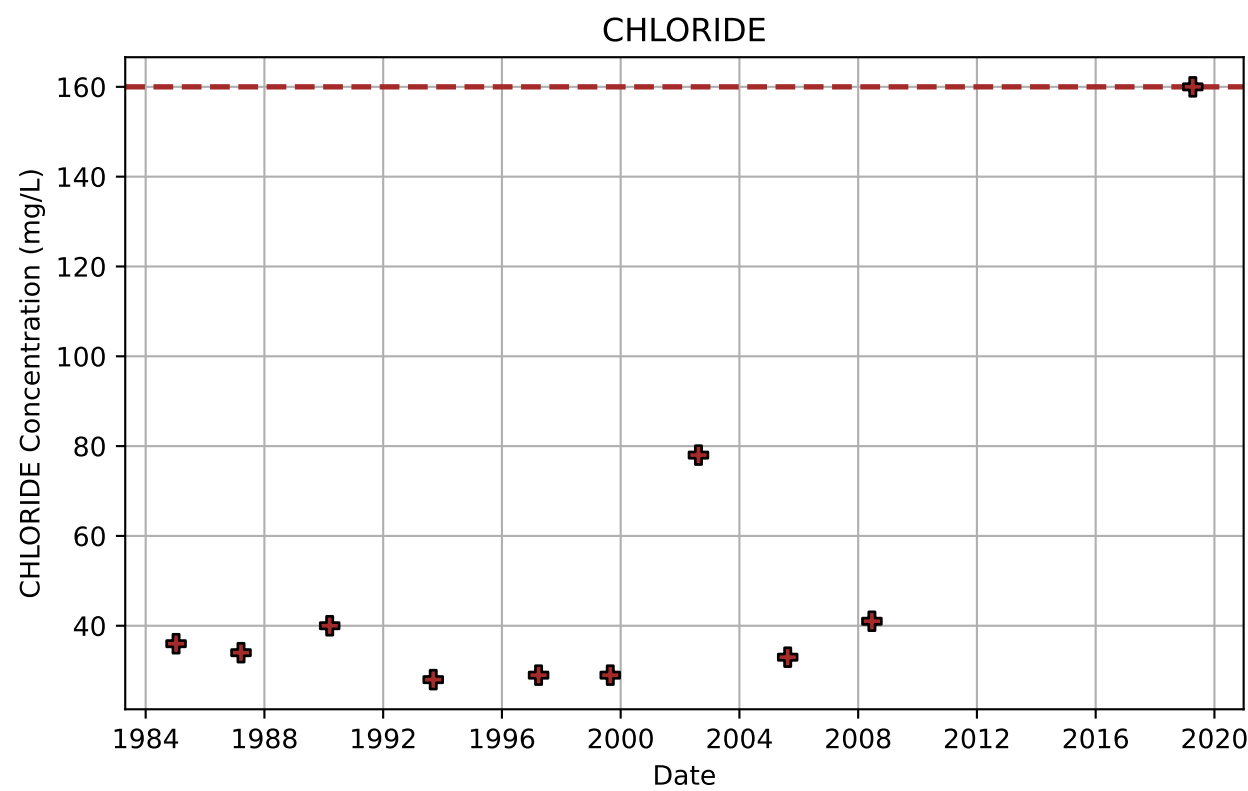
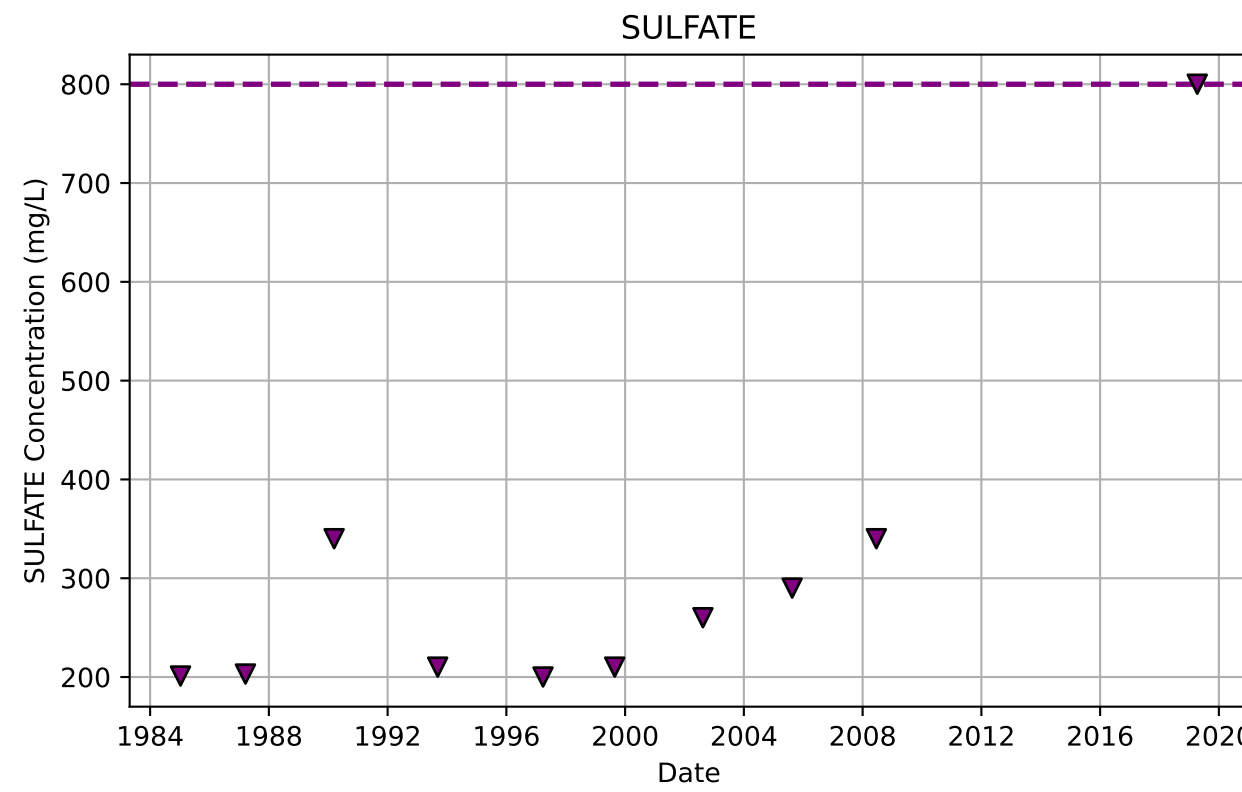
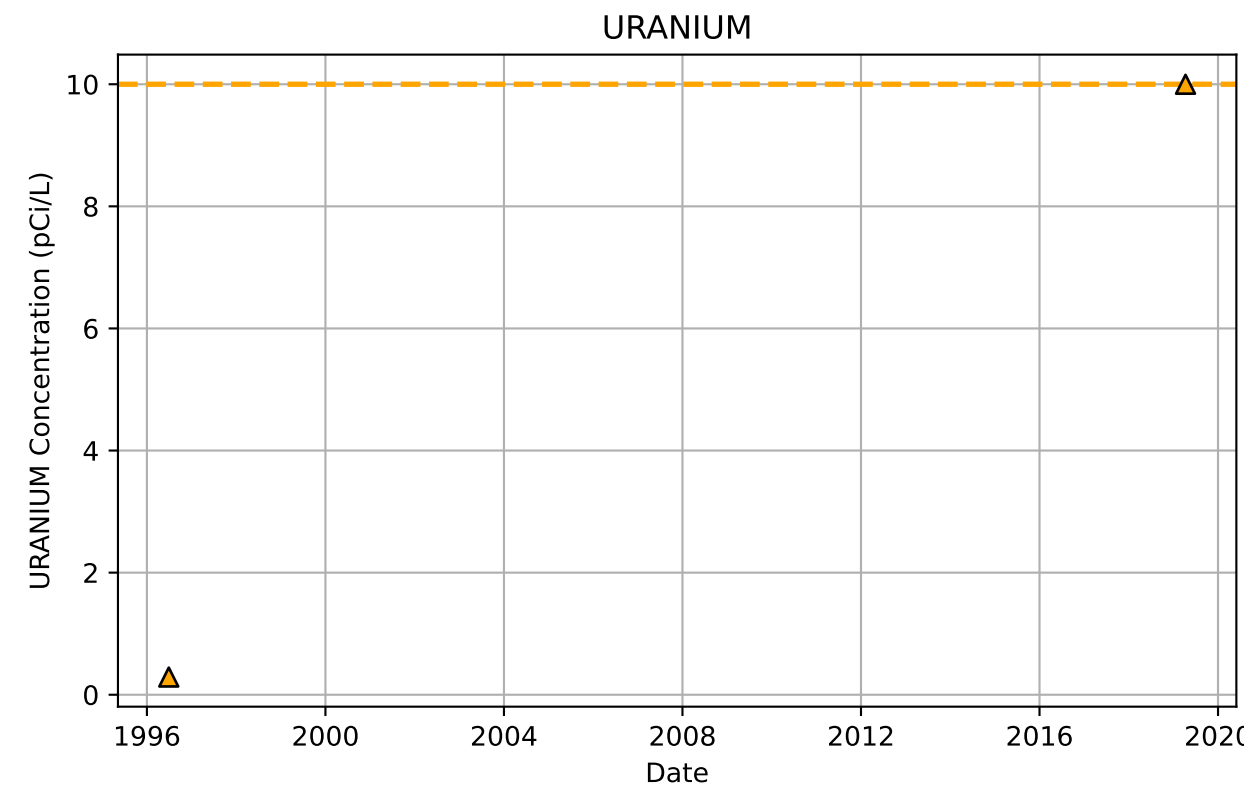
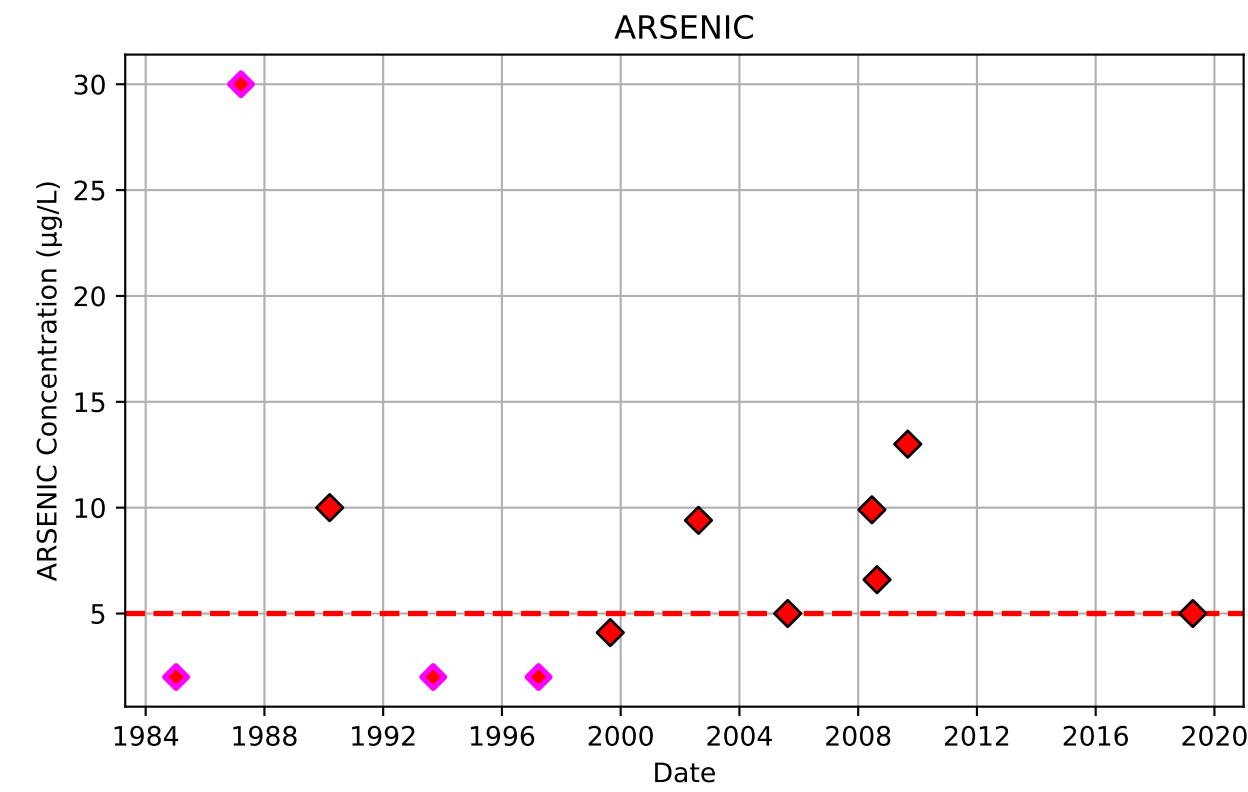
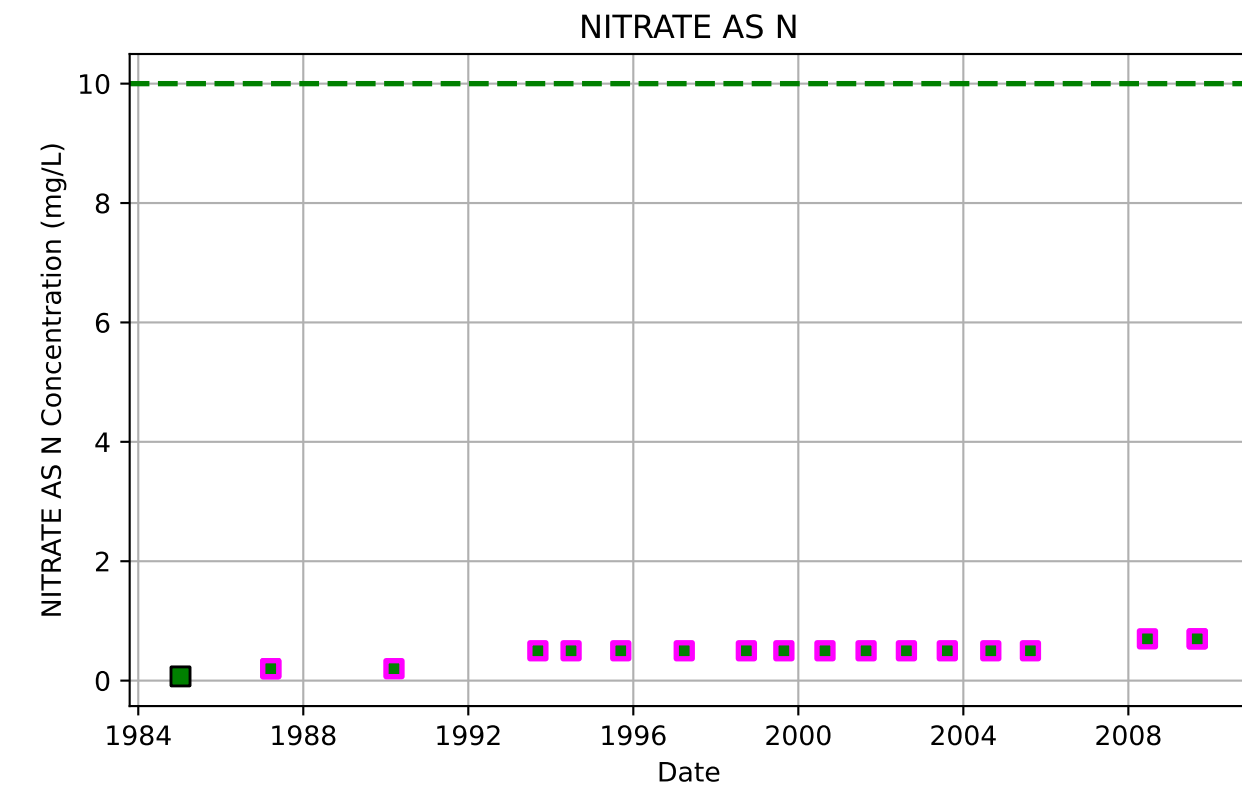
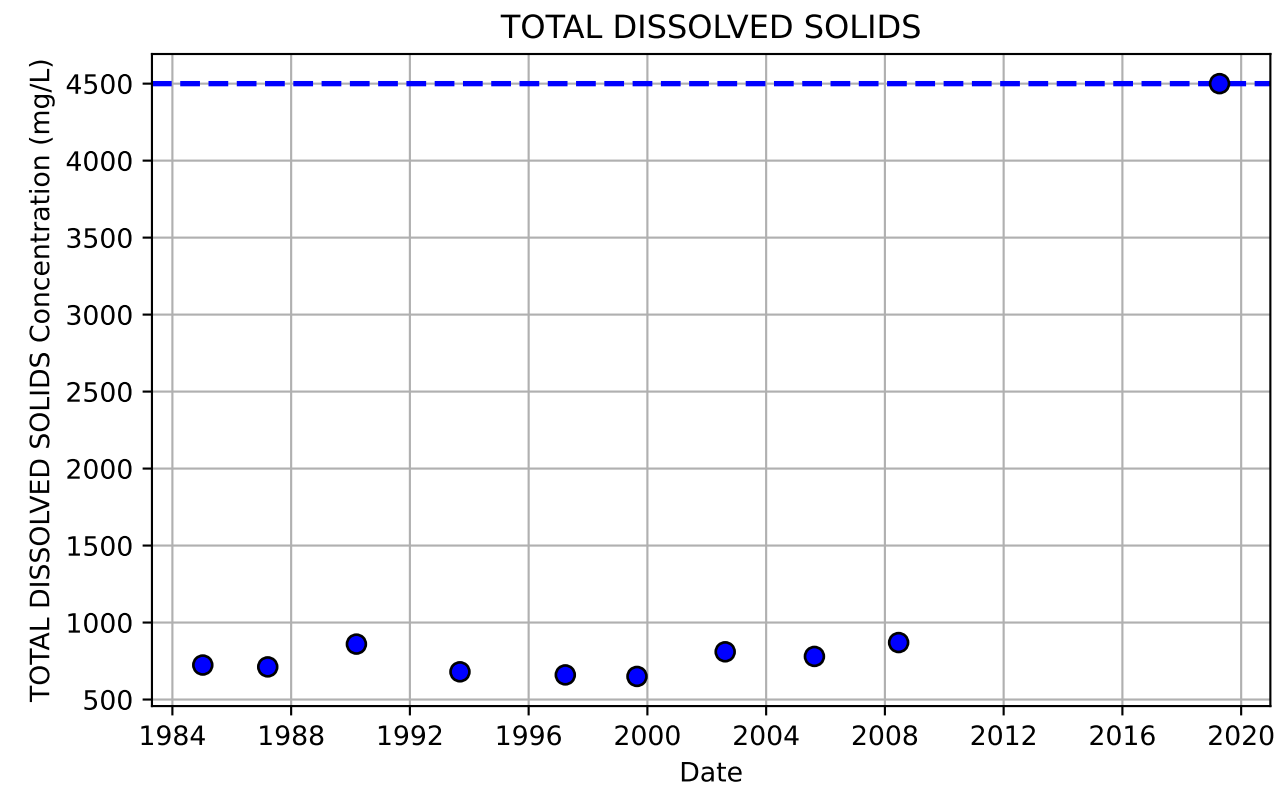
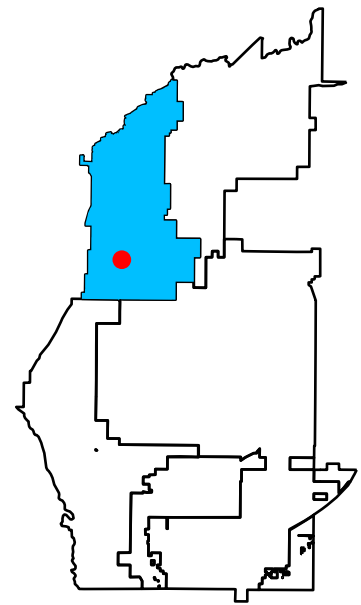
Water Quality RMS Well 1610006-001
South Fork Kings GSA
Screened in the B-Zone aquifer

RMS well location
in South Fork Kings GSA



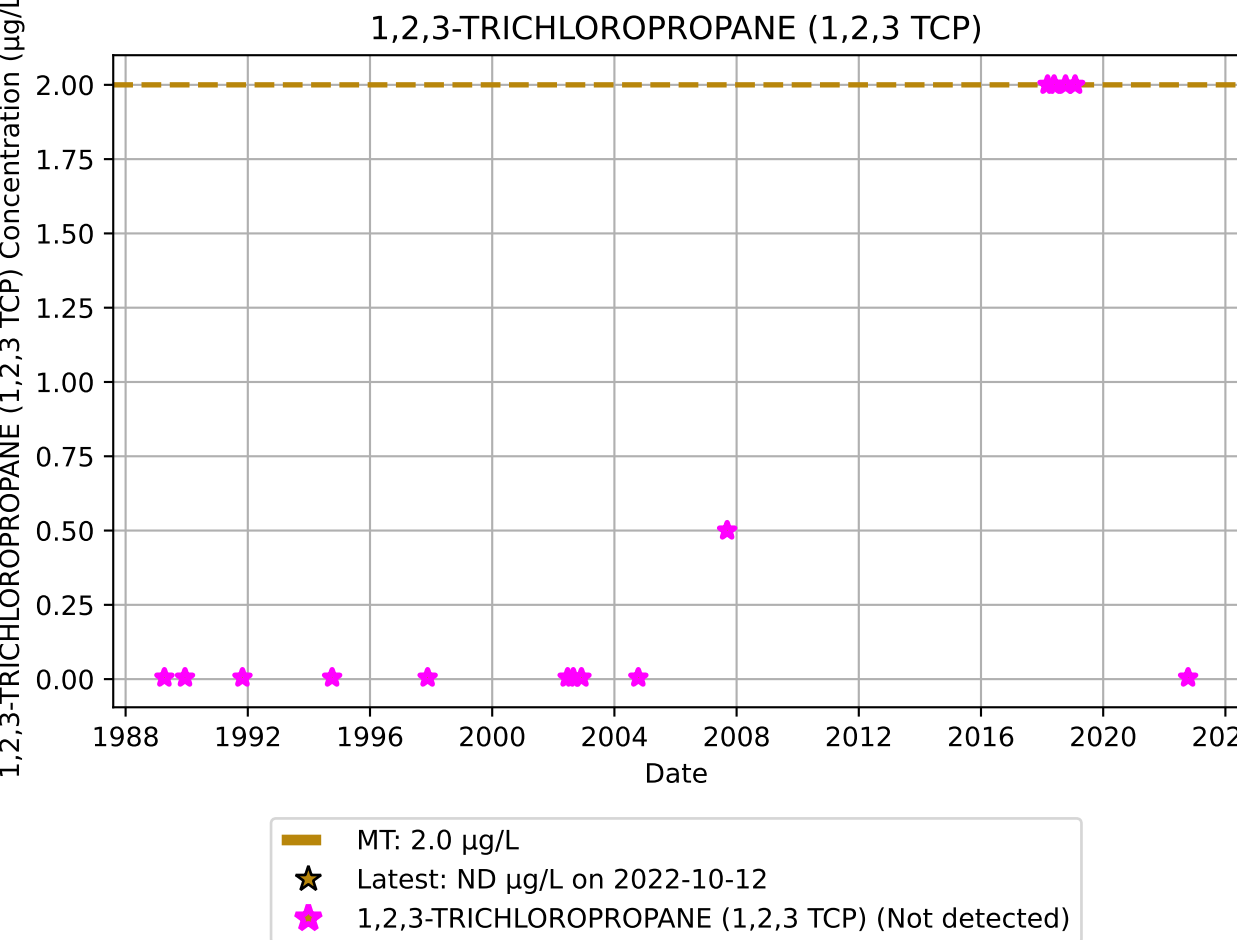
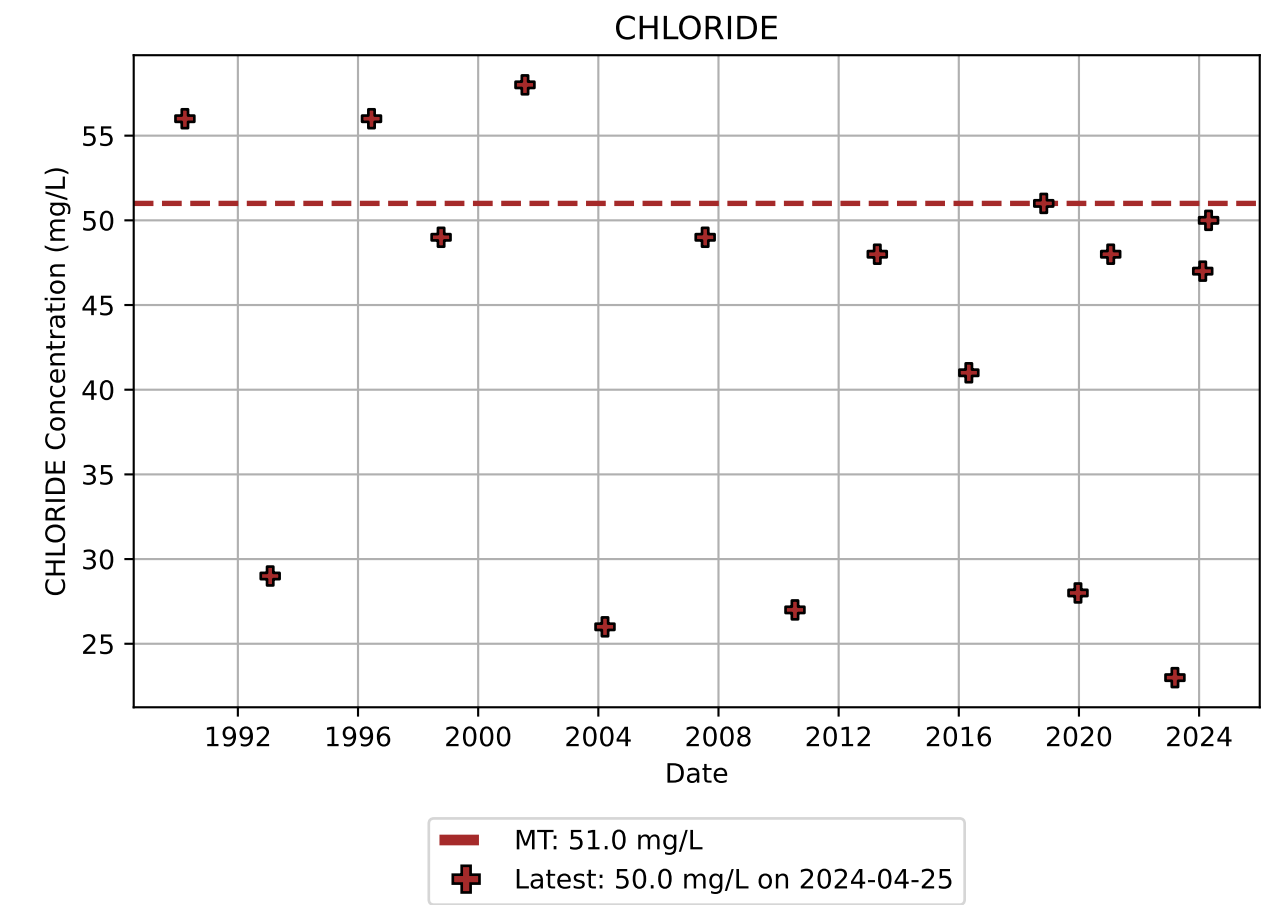
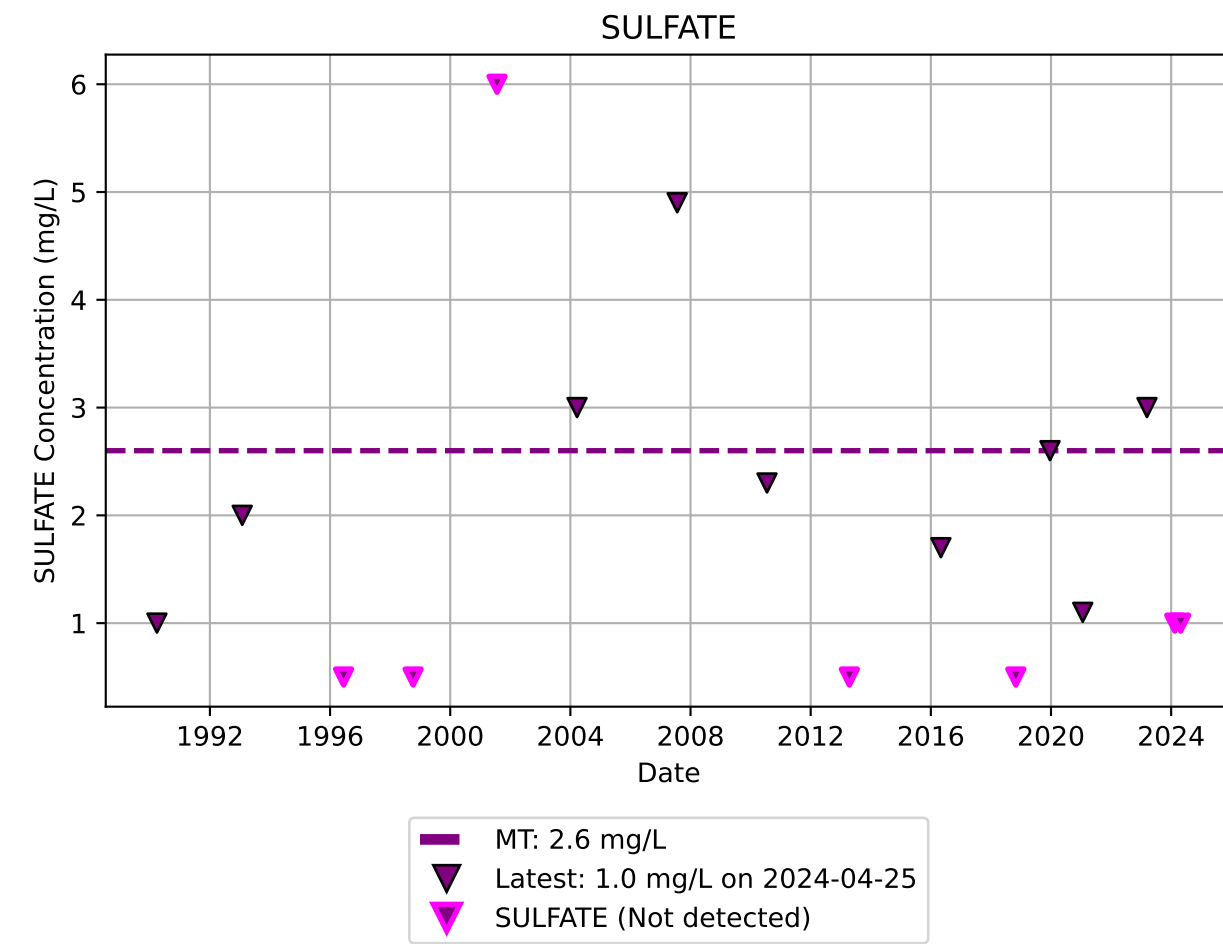
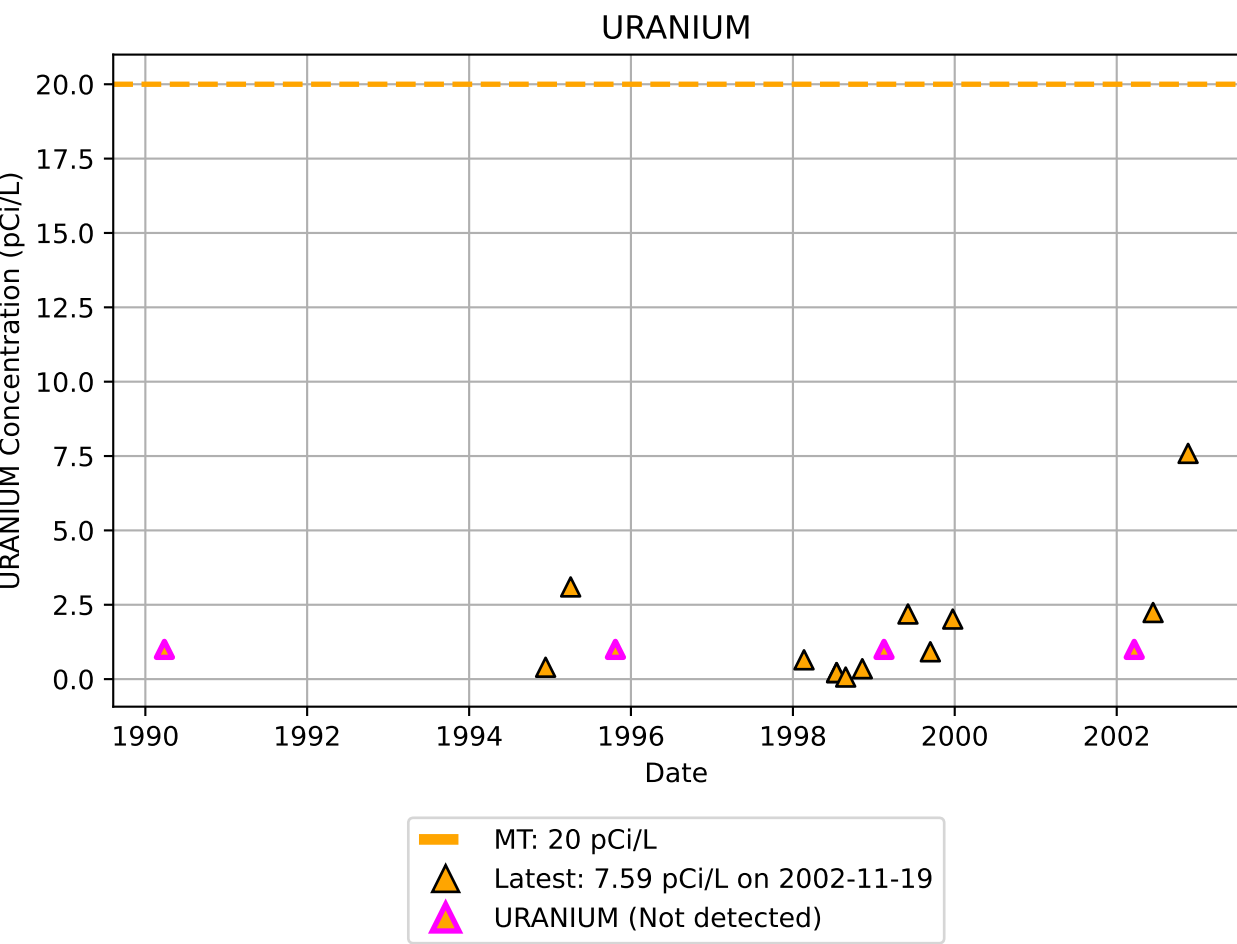
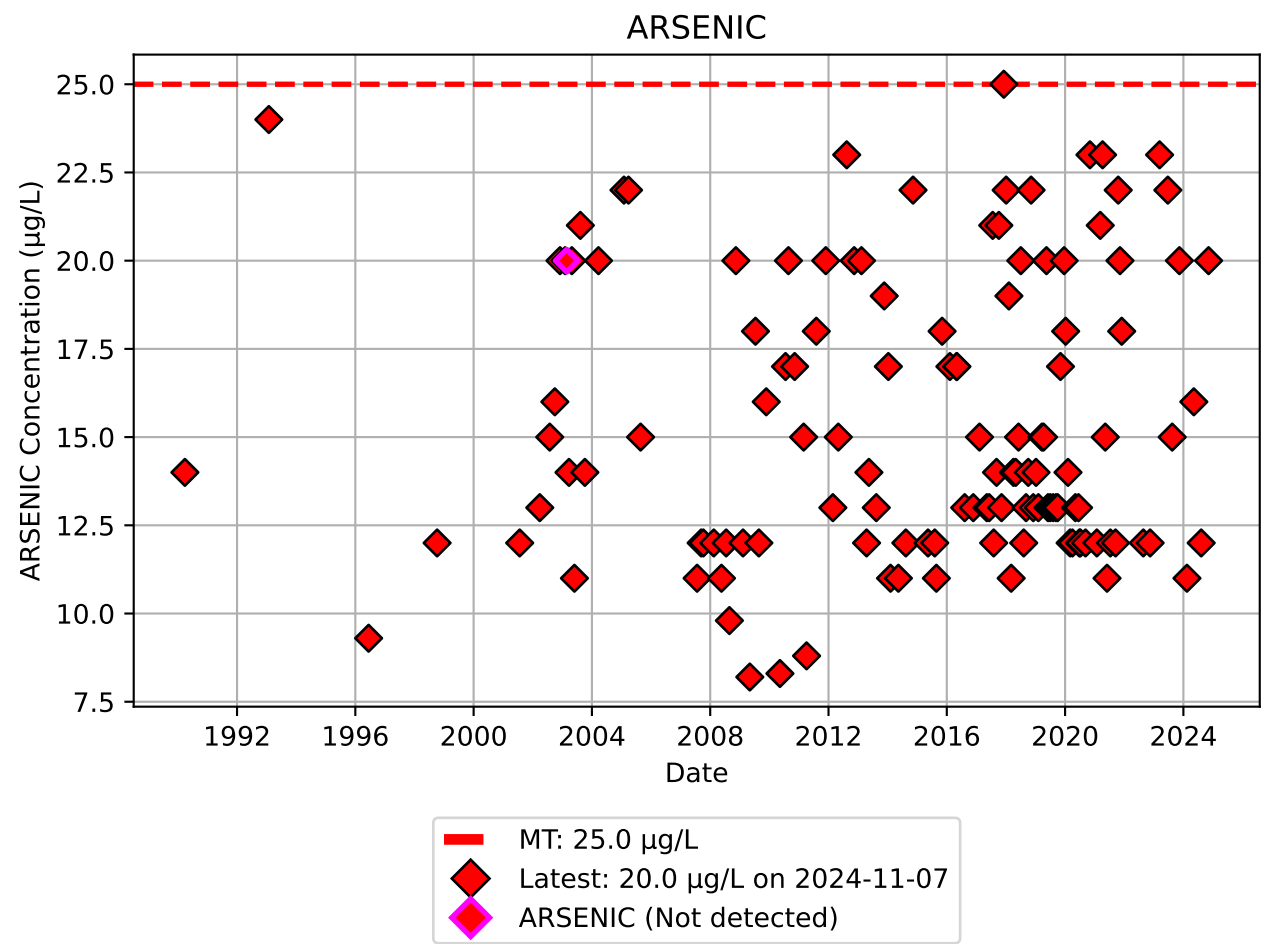
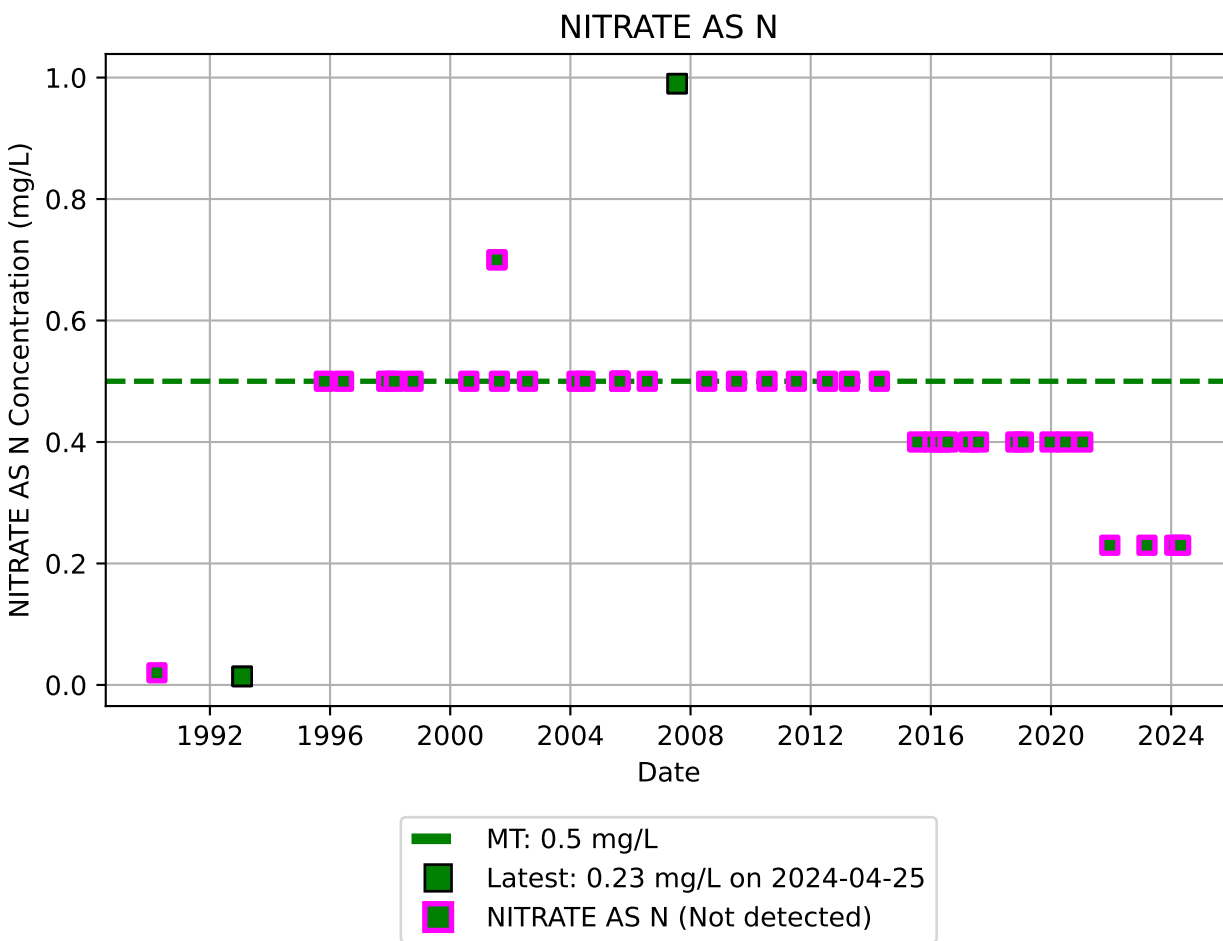
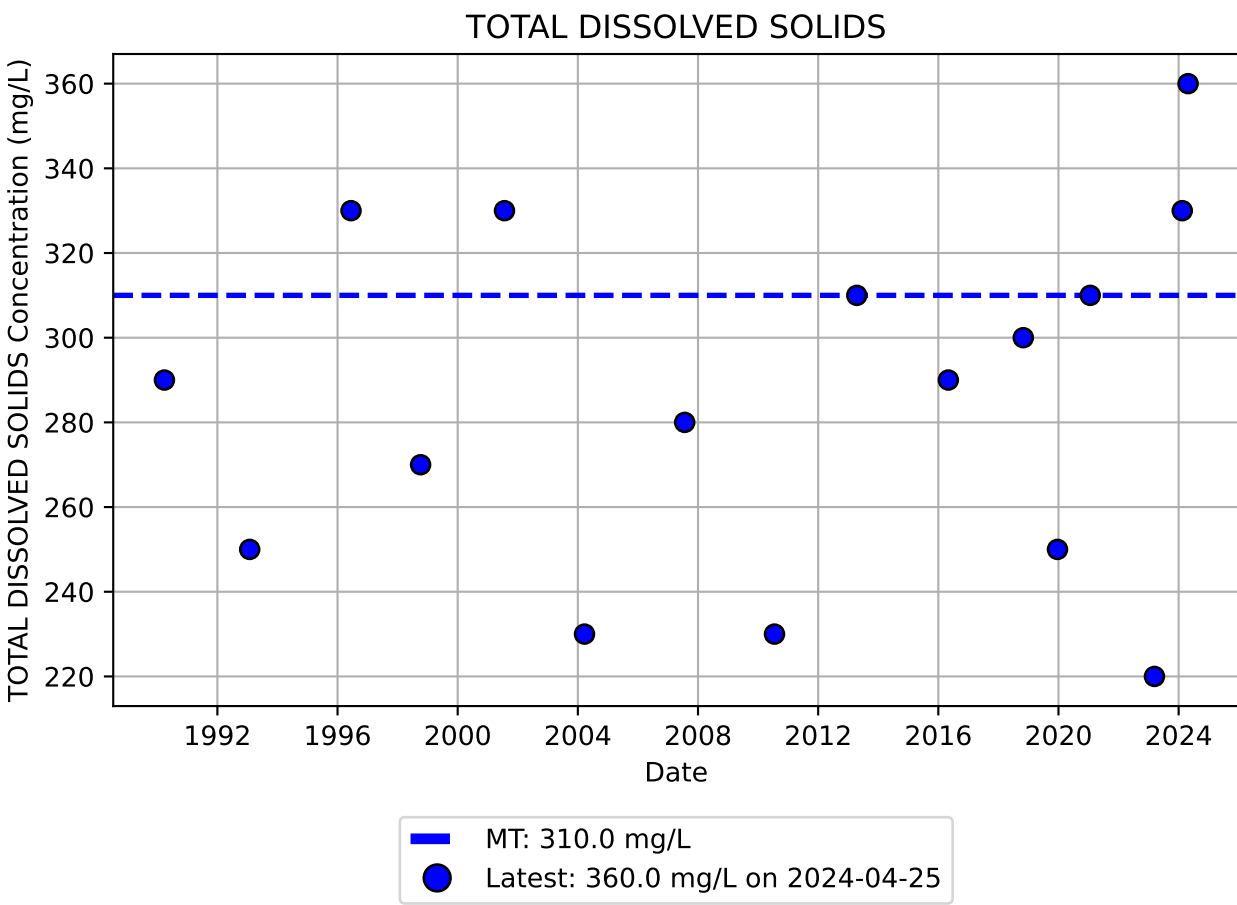
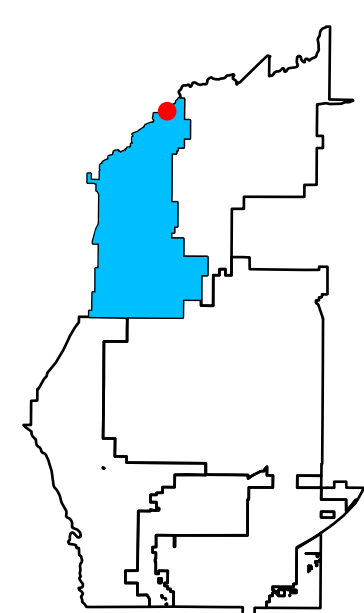
Water Quality RMS Well 1610006-002
South Fork Kings GSA
Screened in the B-Zone aquifer

RMS well location
in South Fork Kings GSA



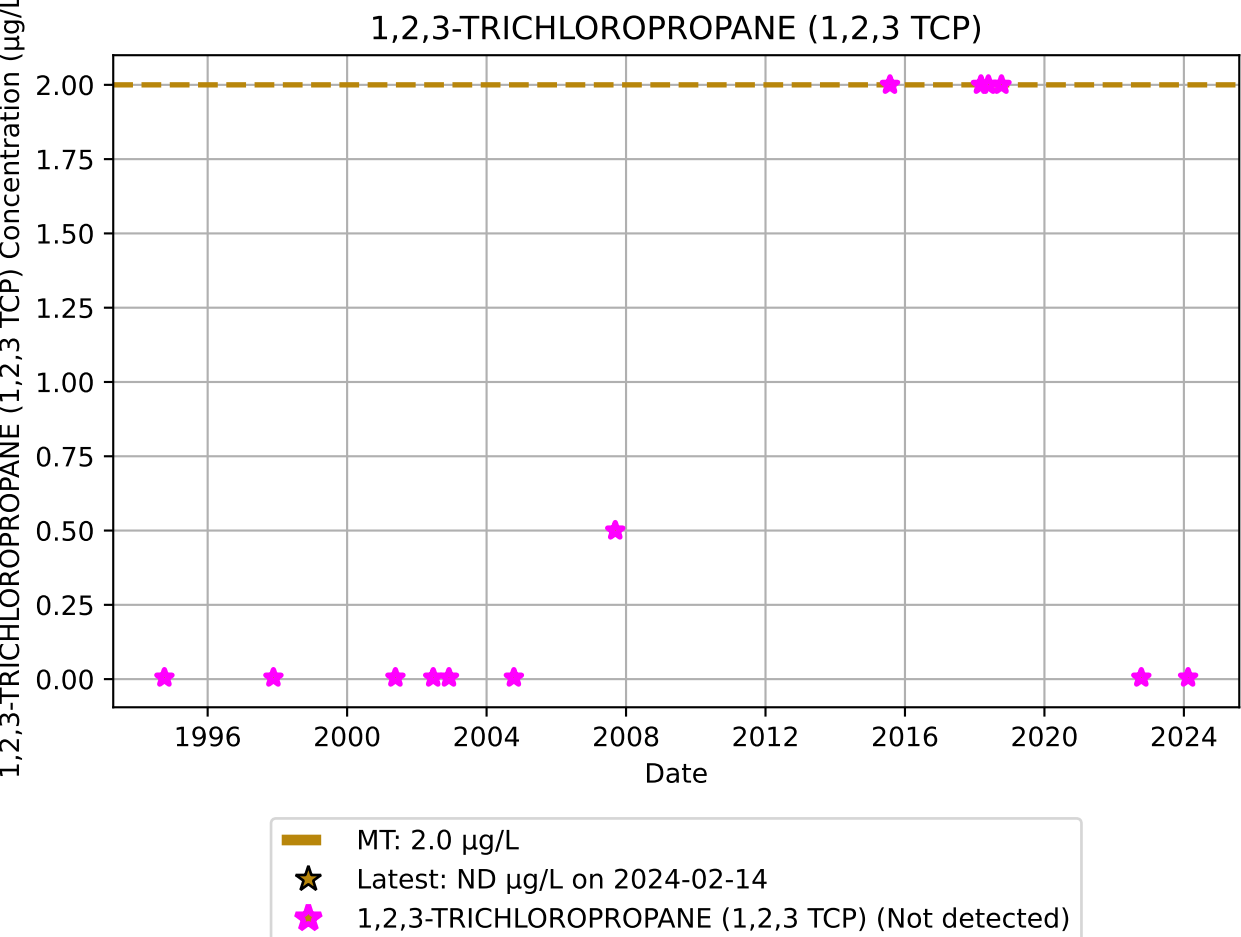
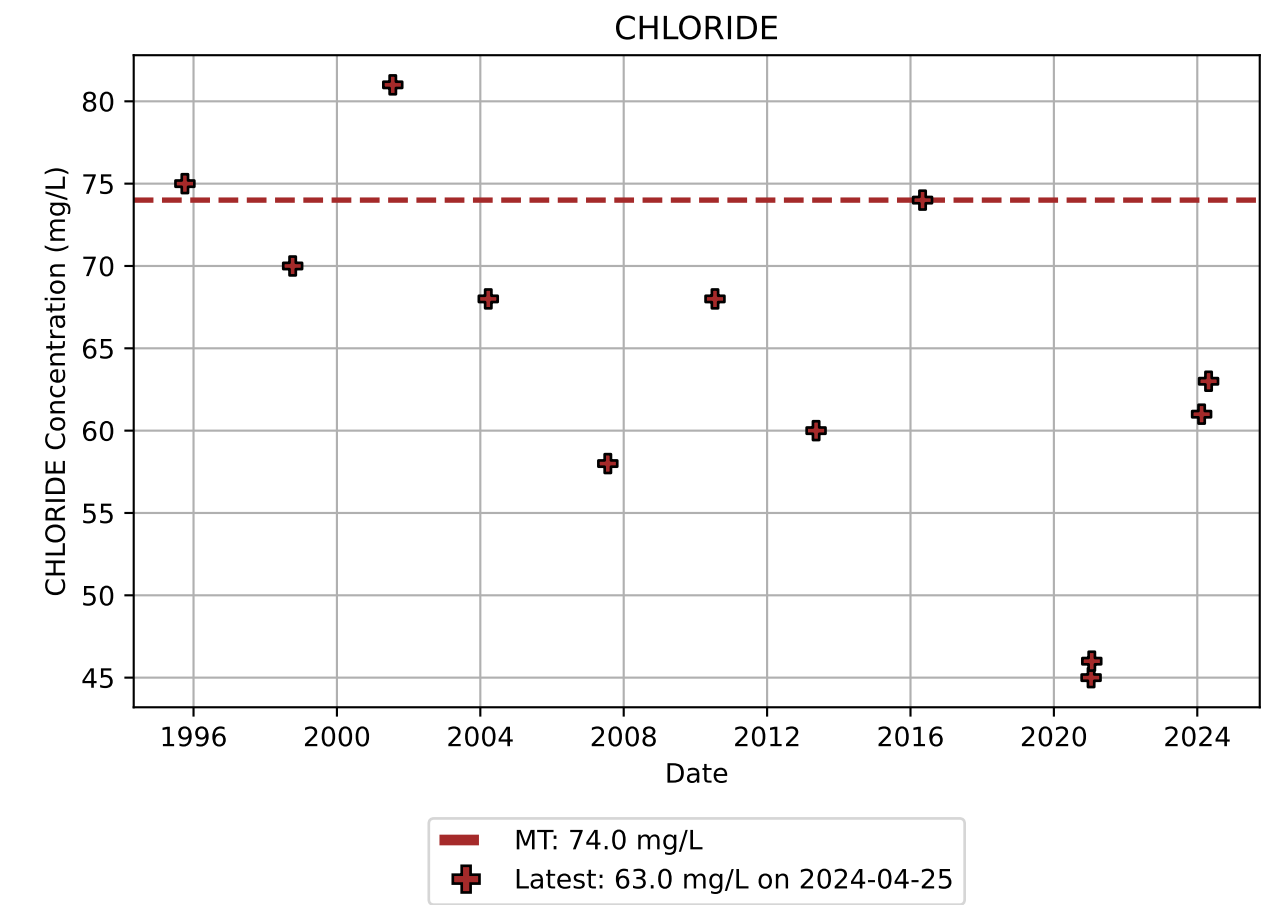
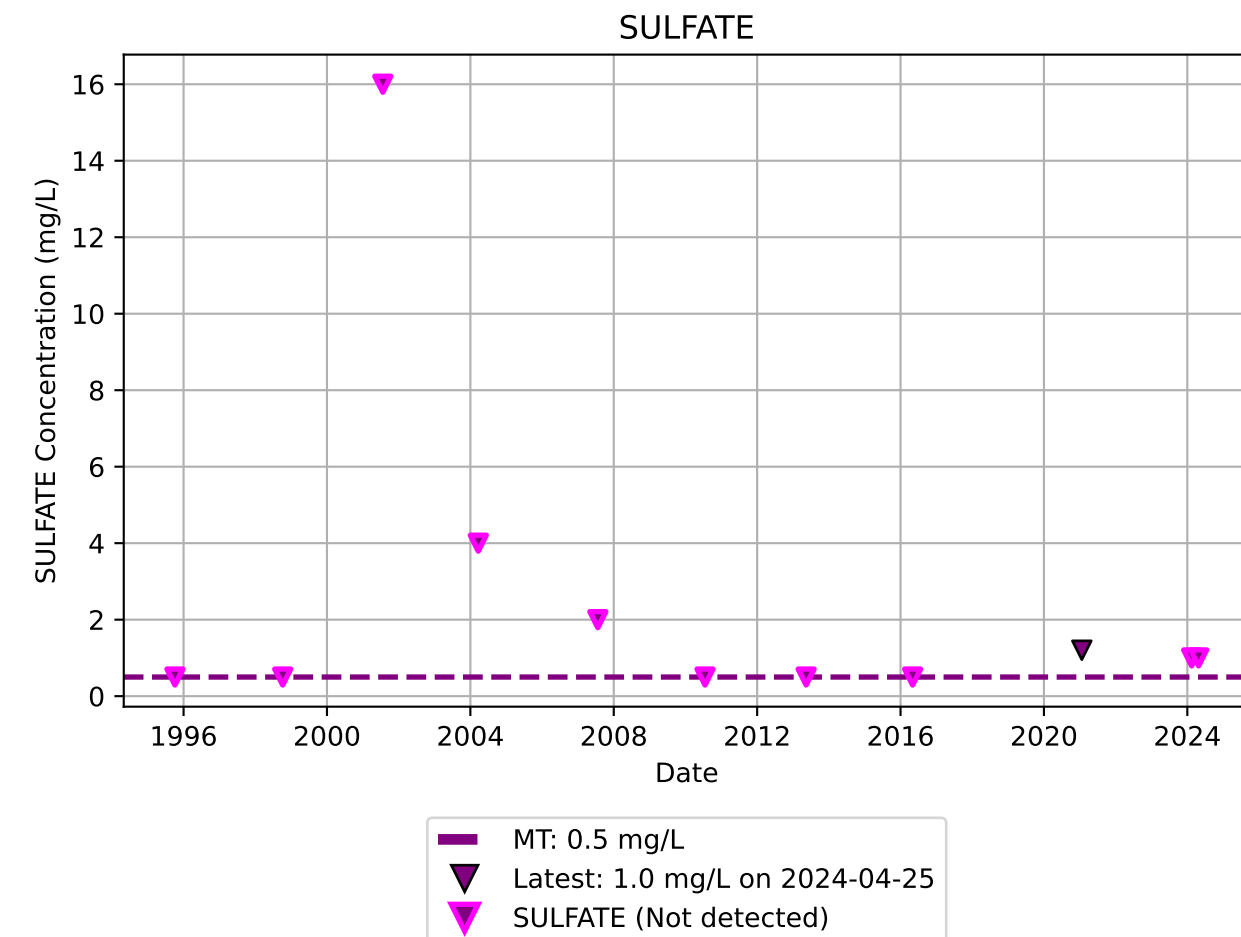
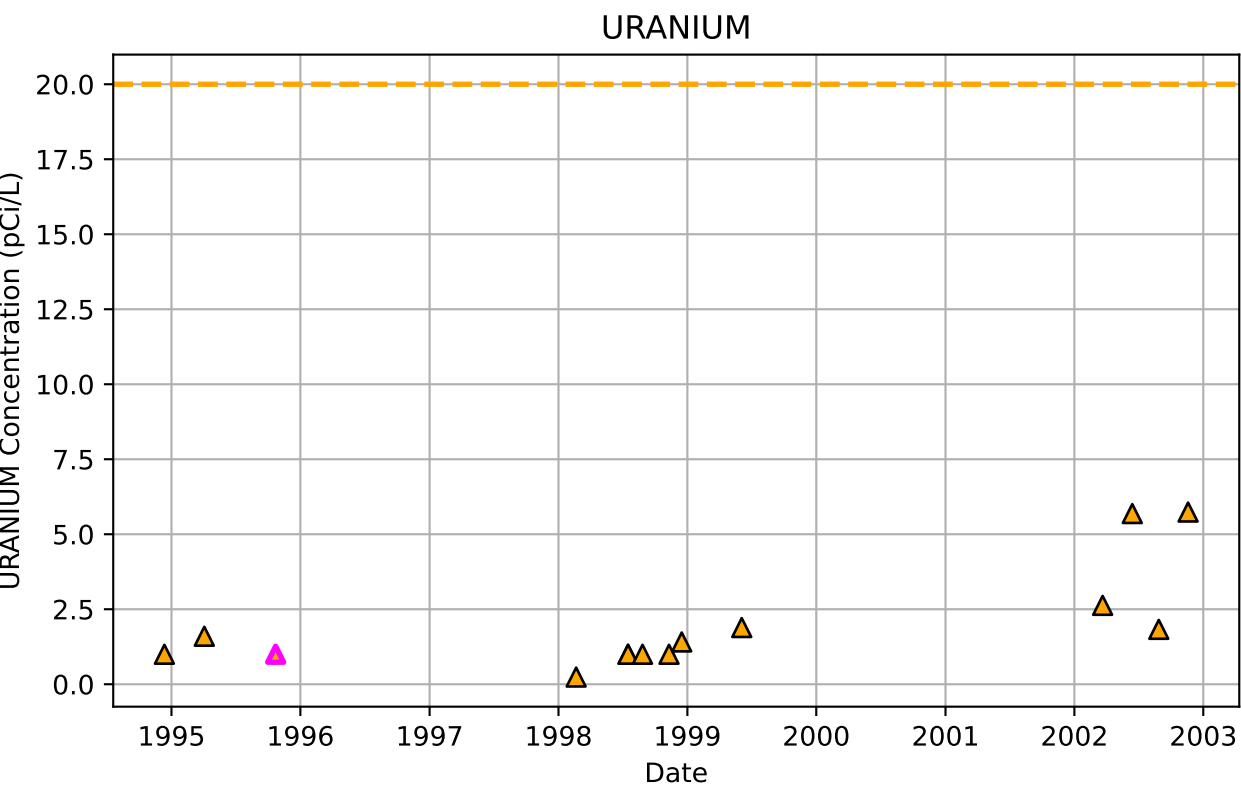
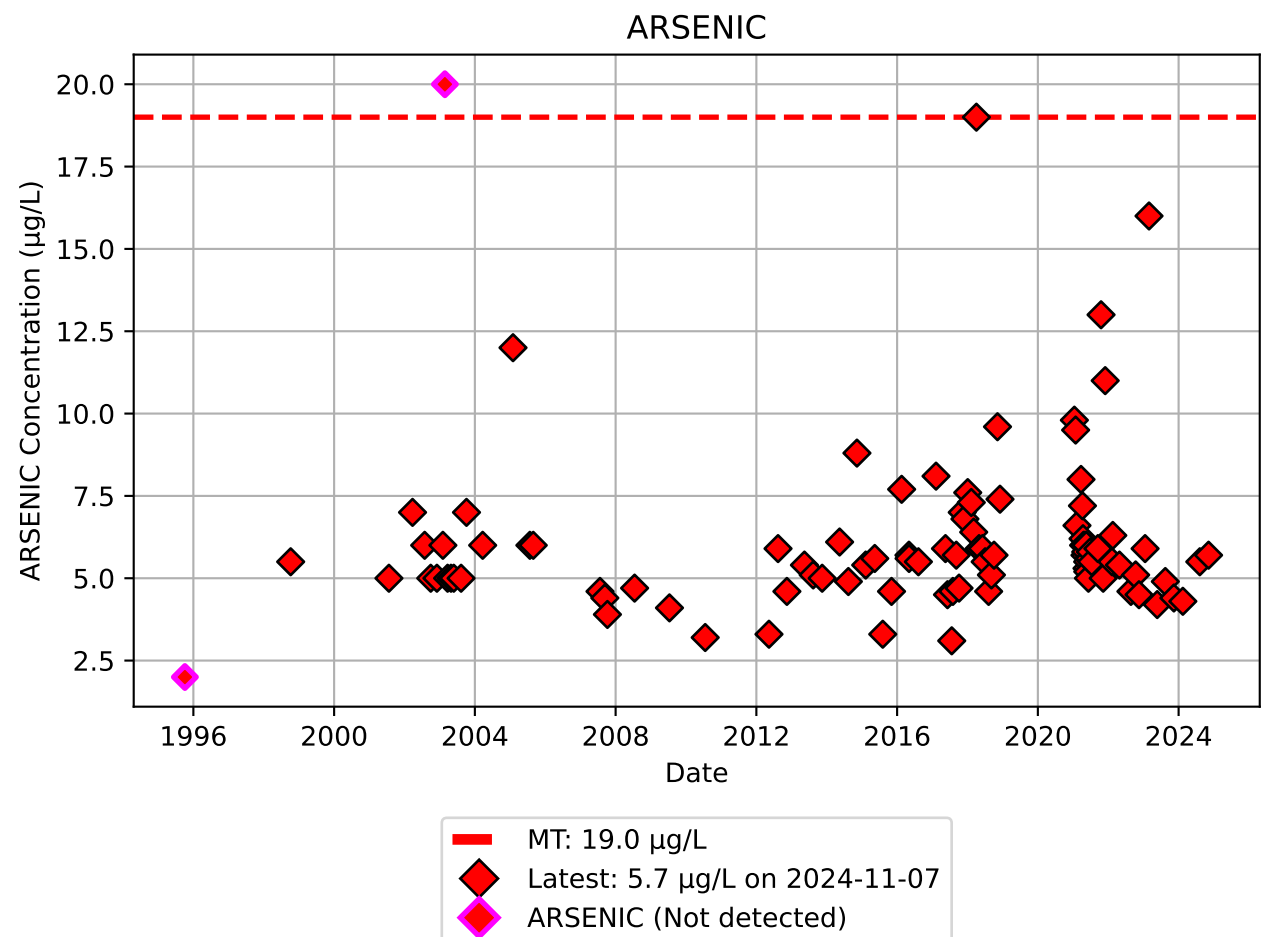
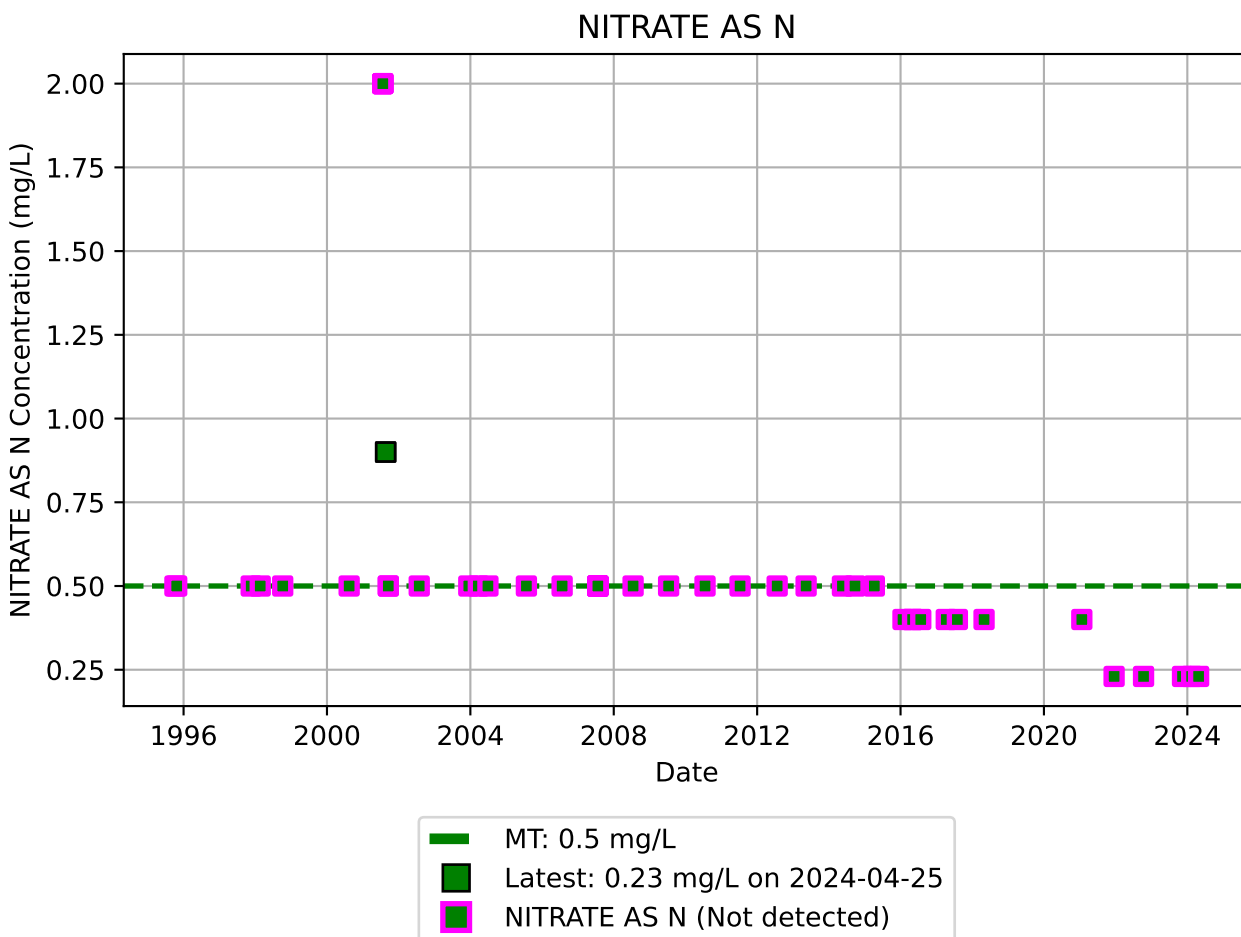
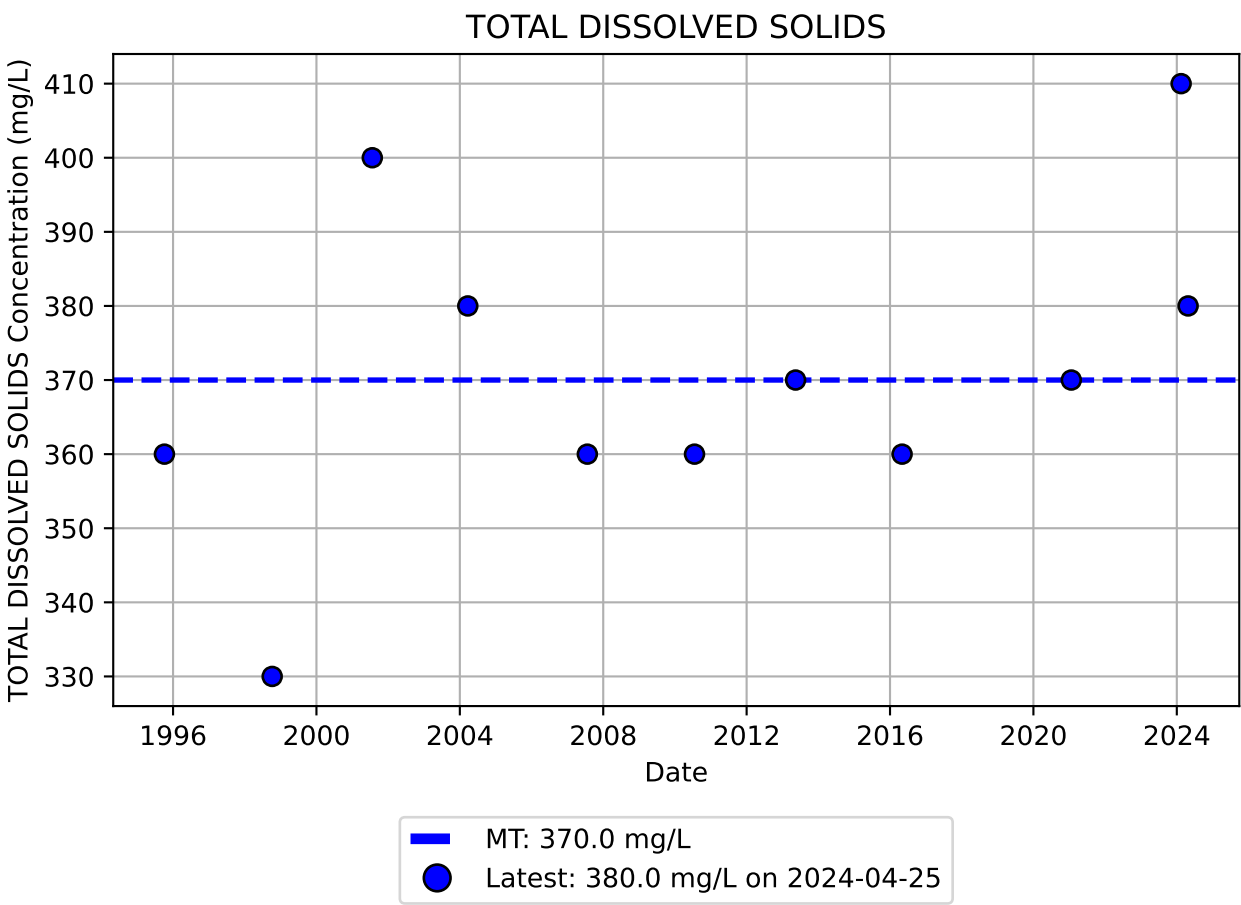
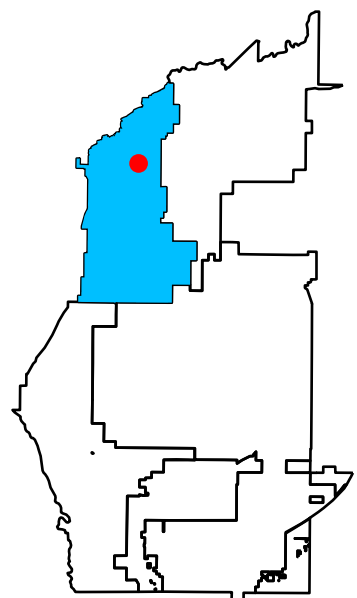
Water Quality RMS Well 1610005-005
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



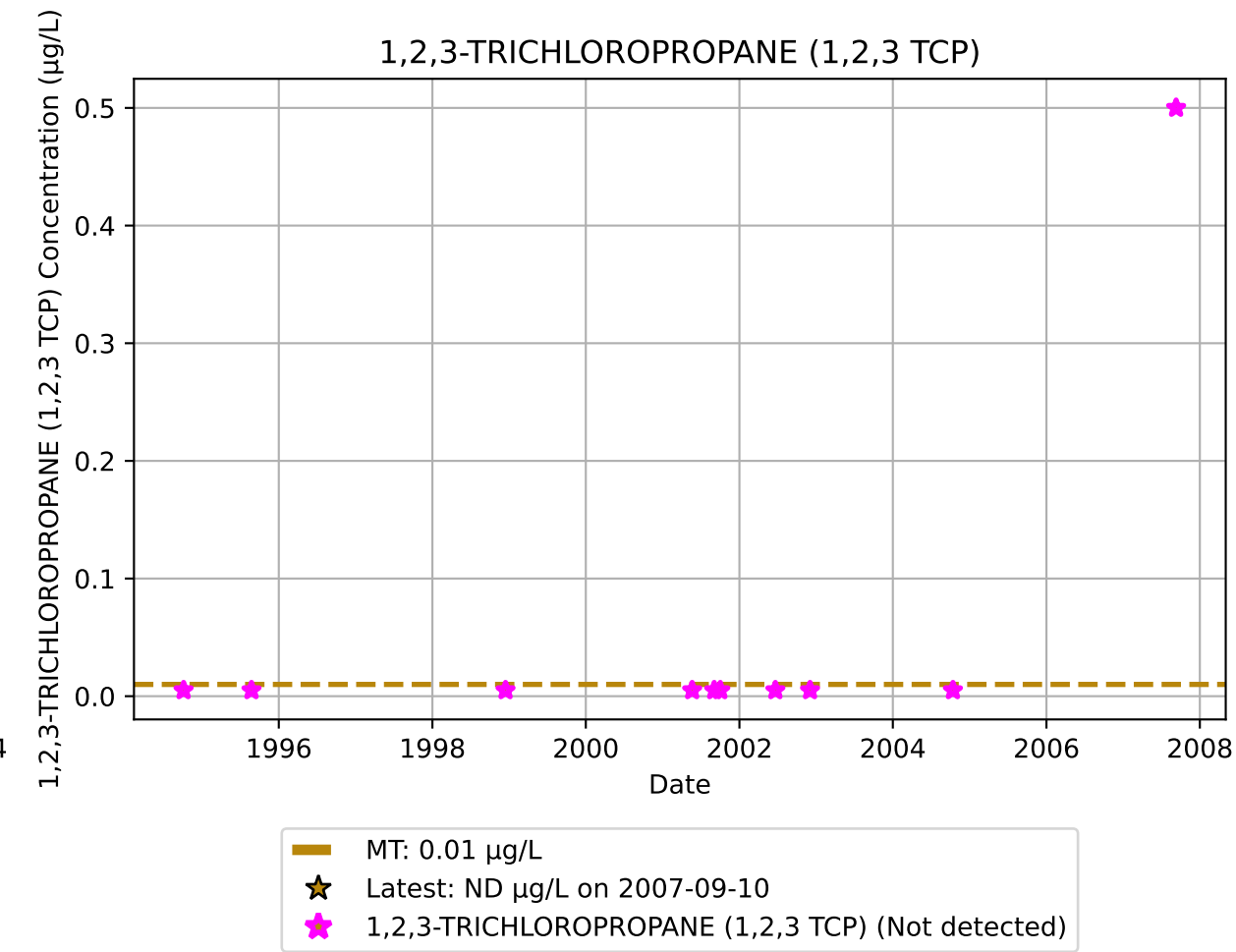
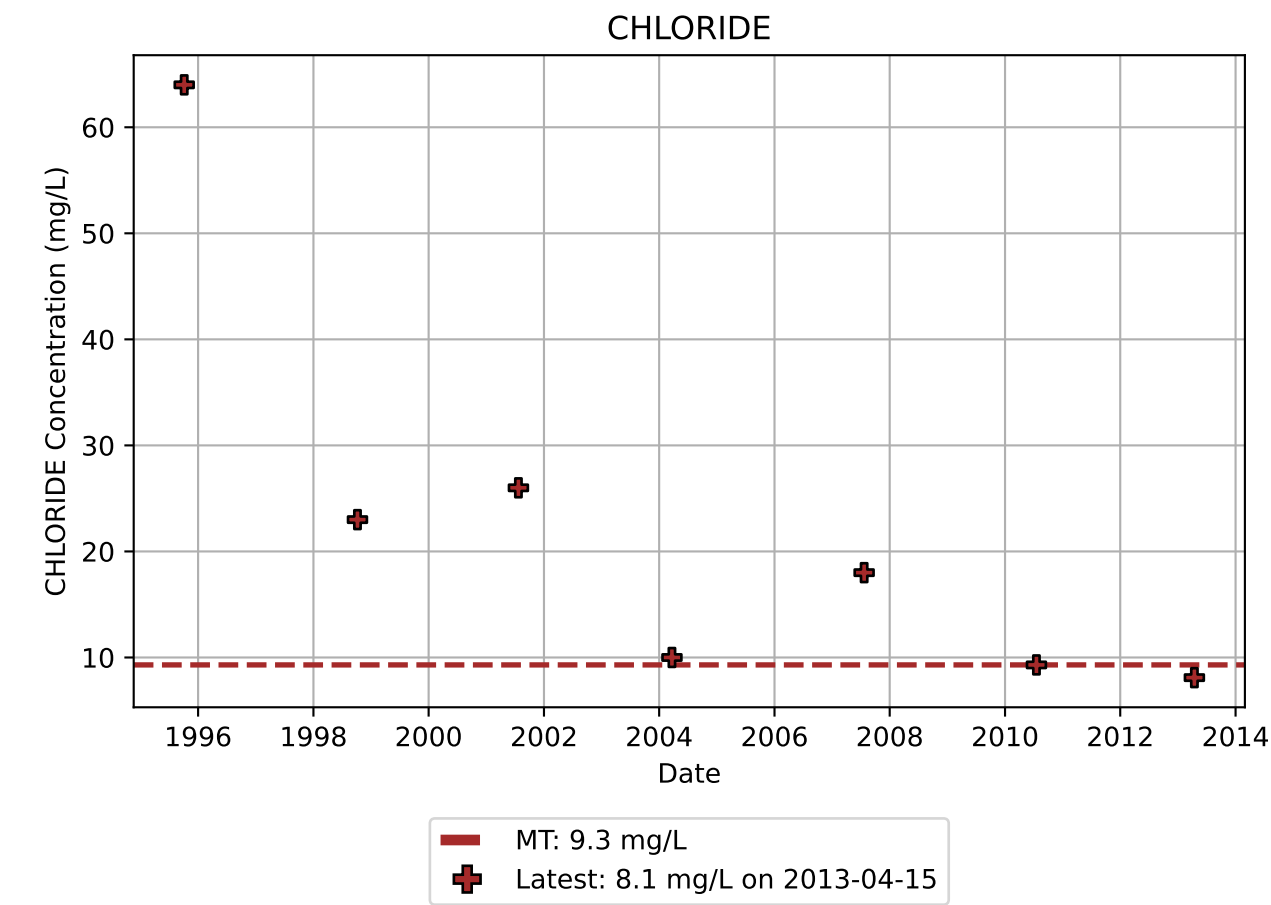
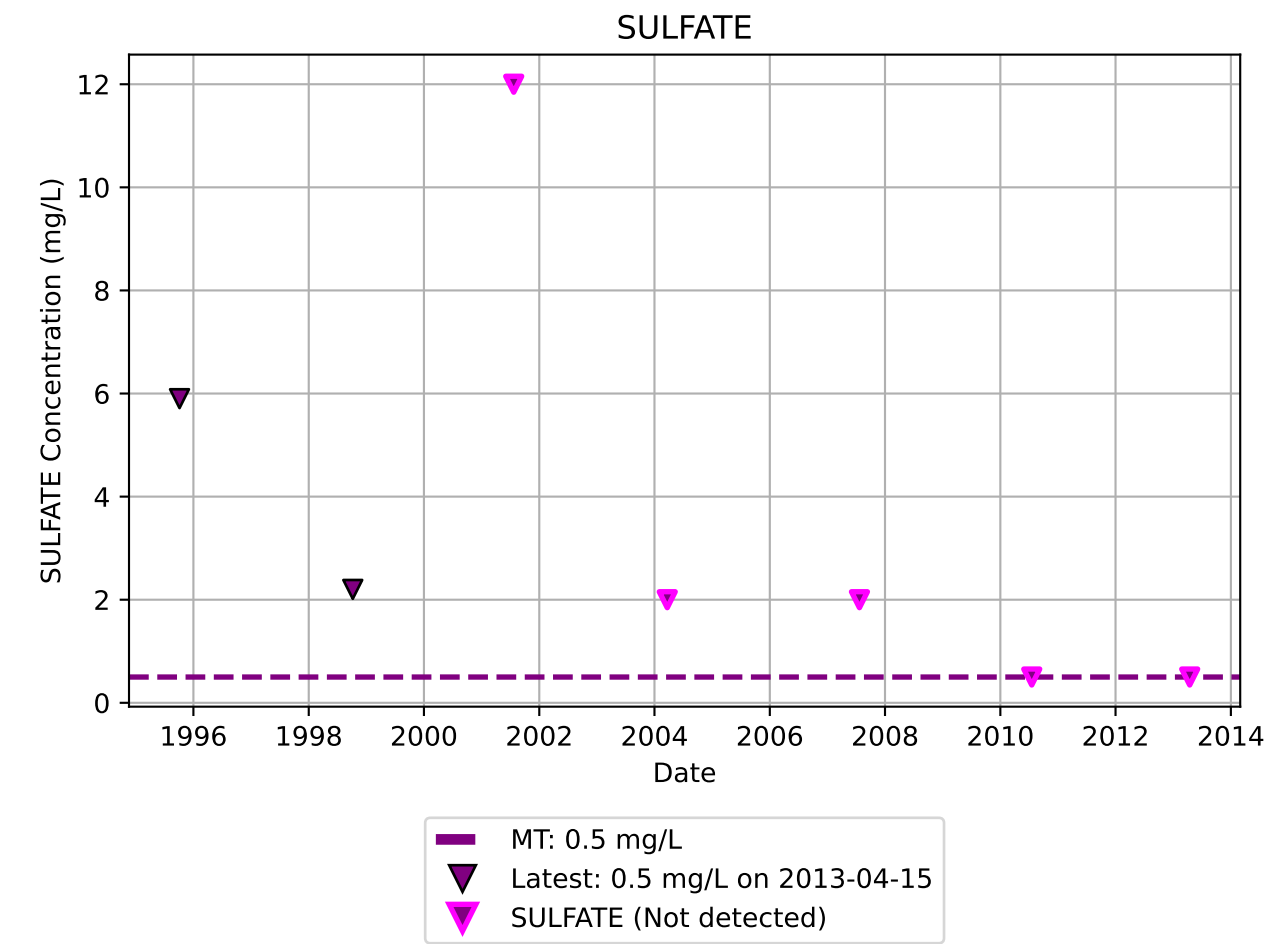
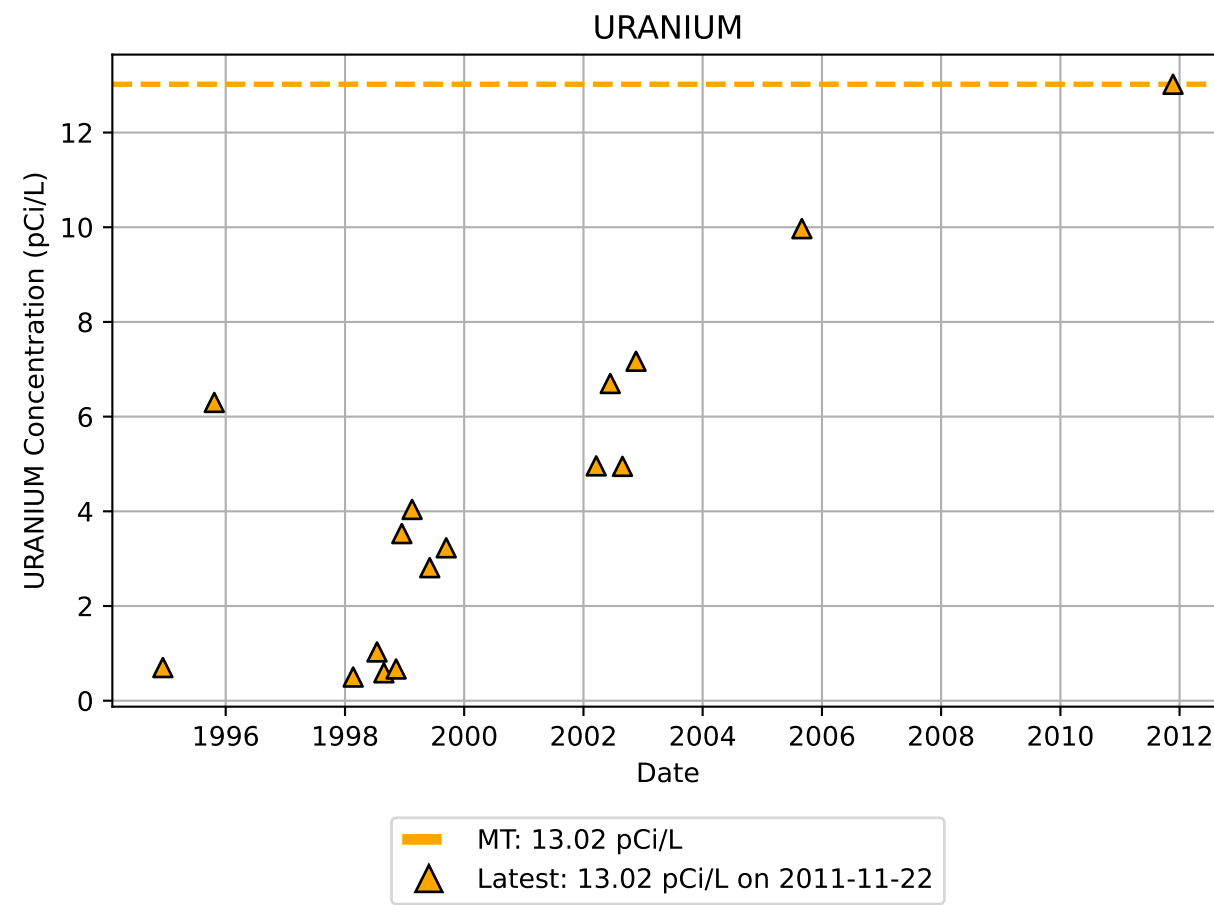
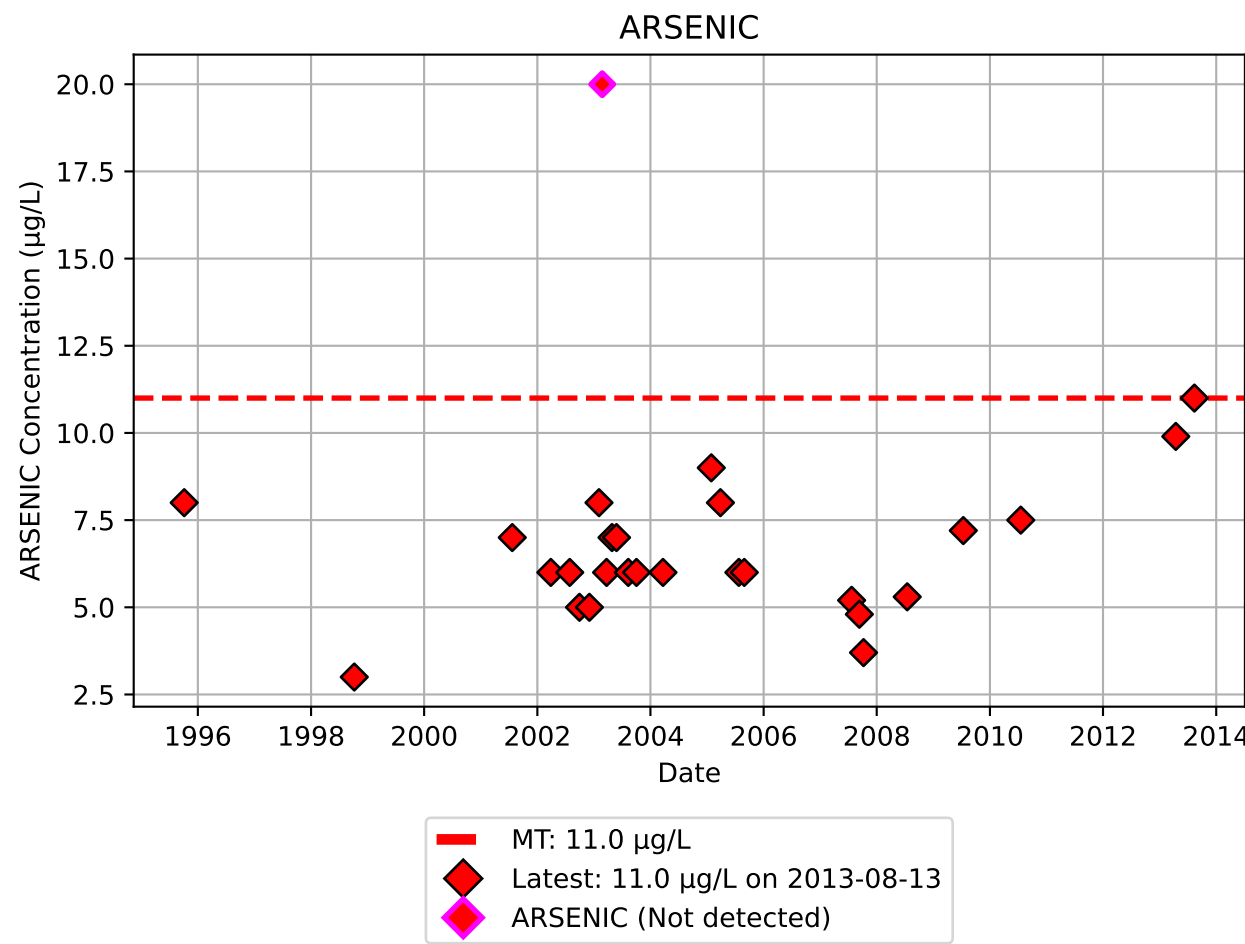
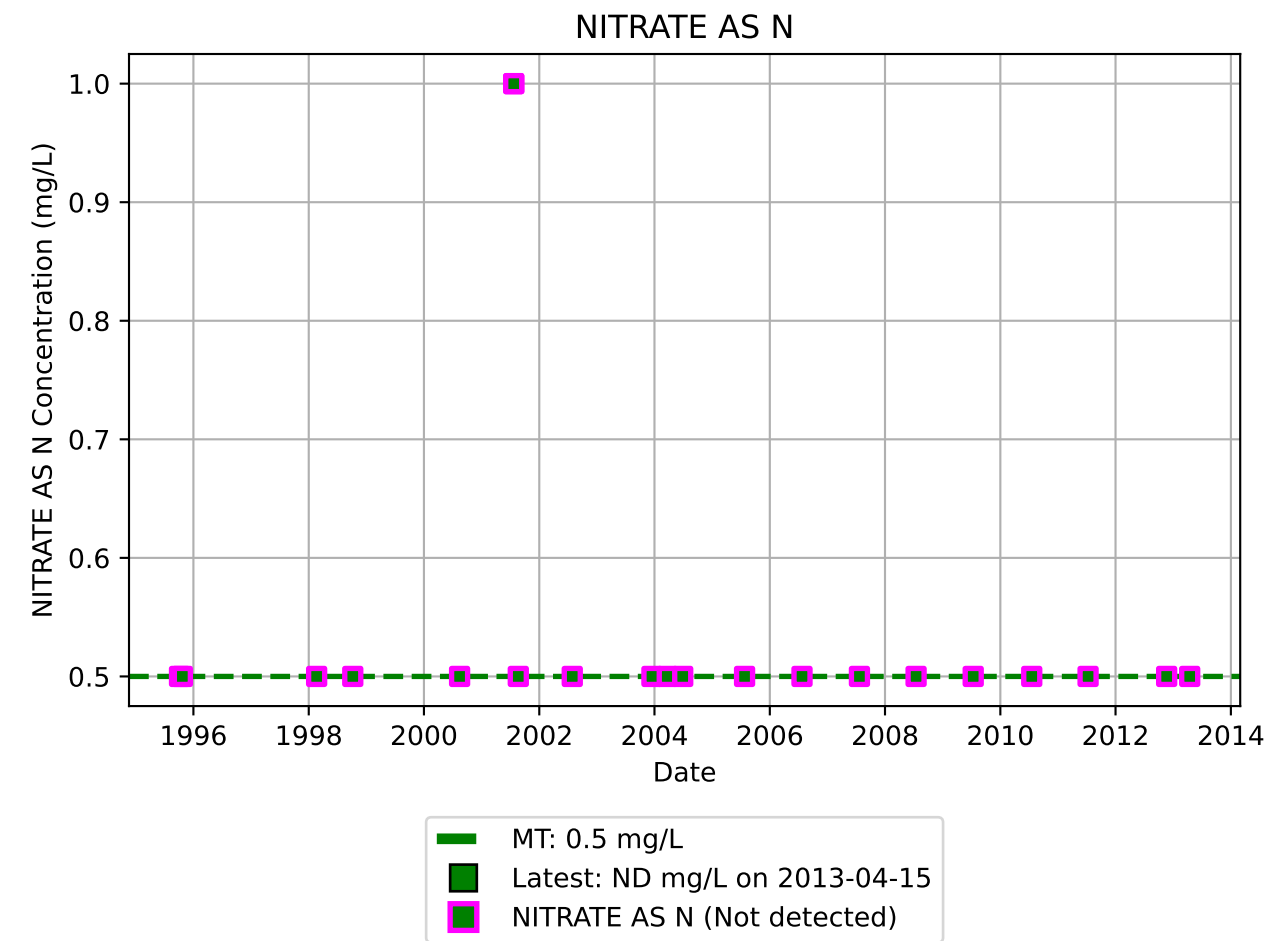
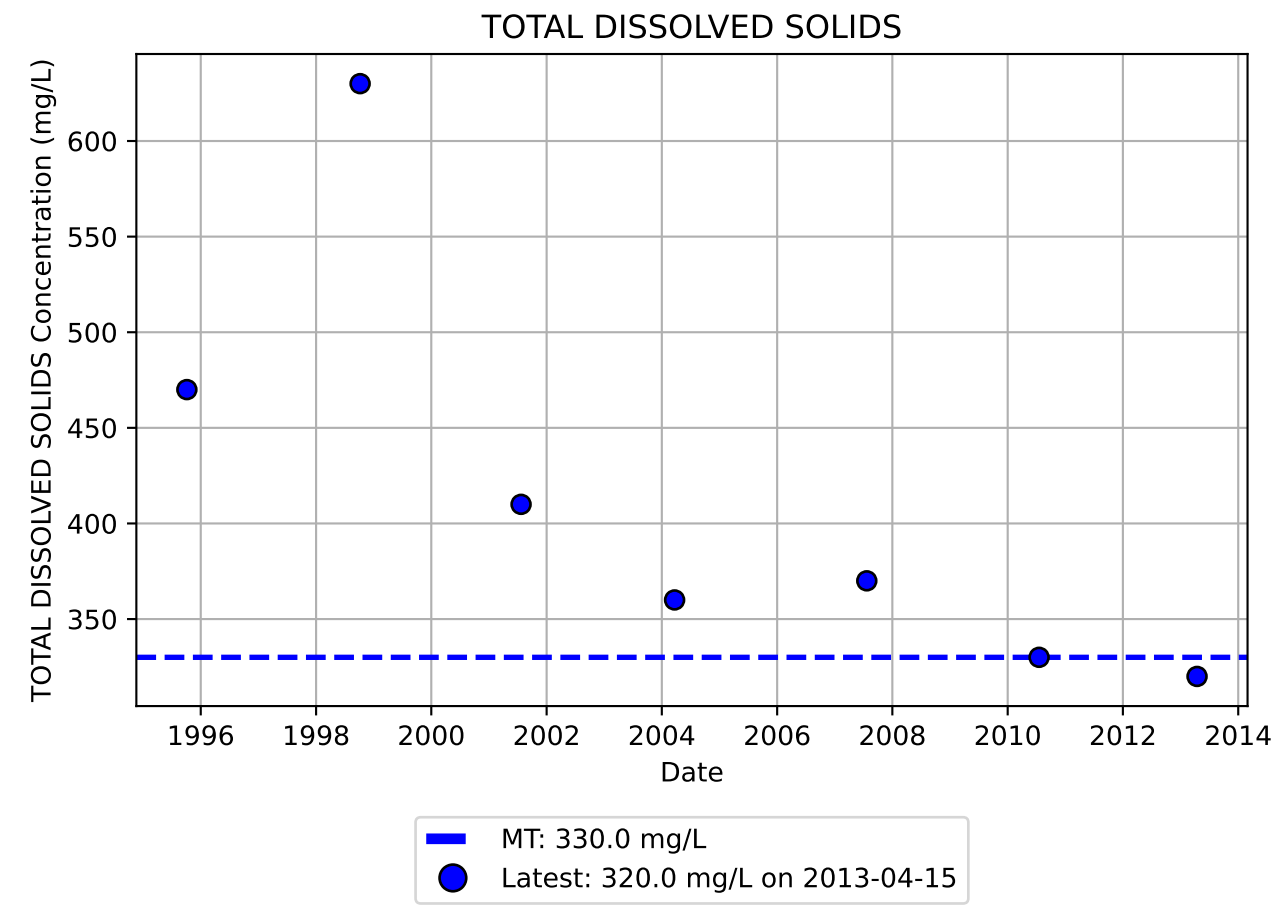
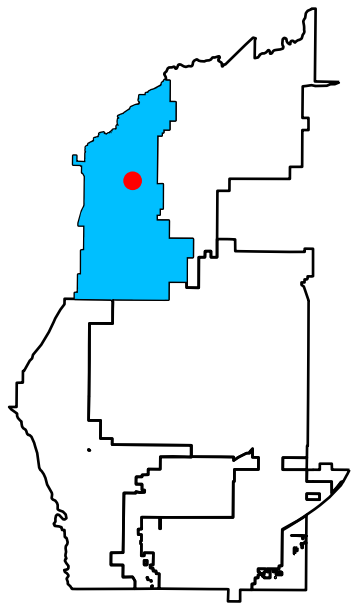
Water Quality RMS Well 1610005-006
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA

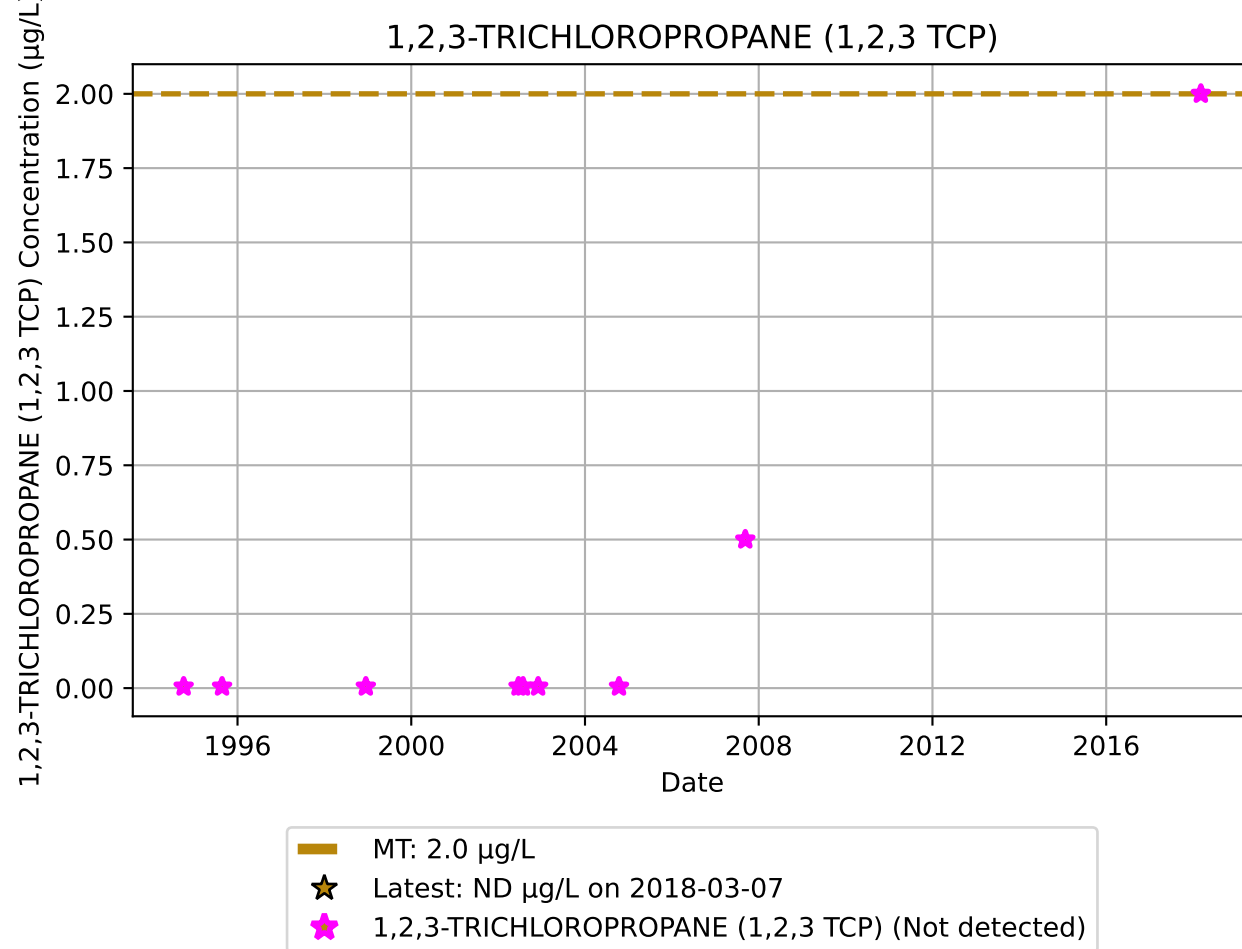
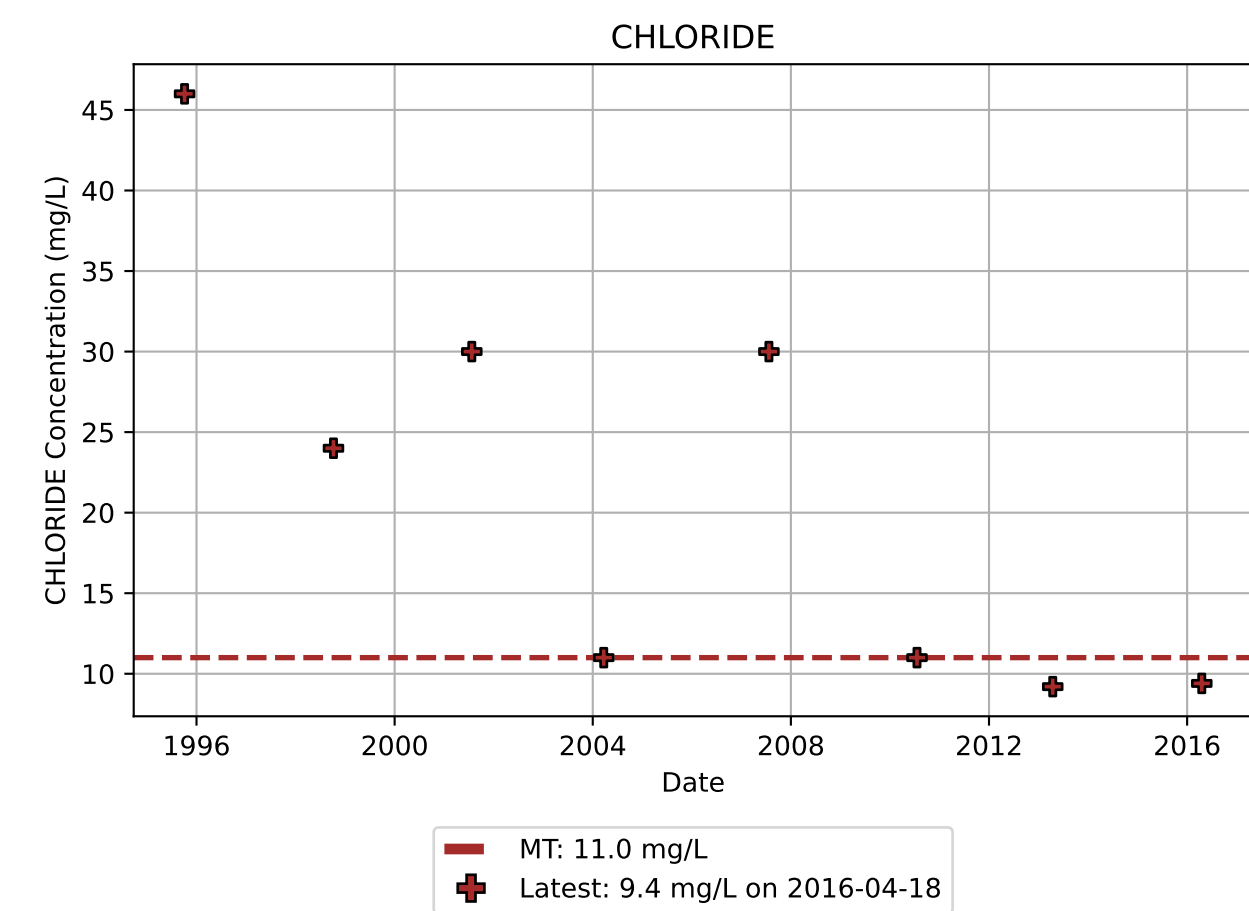
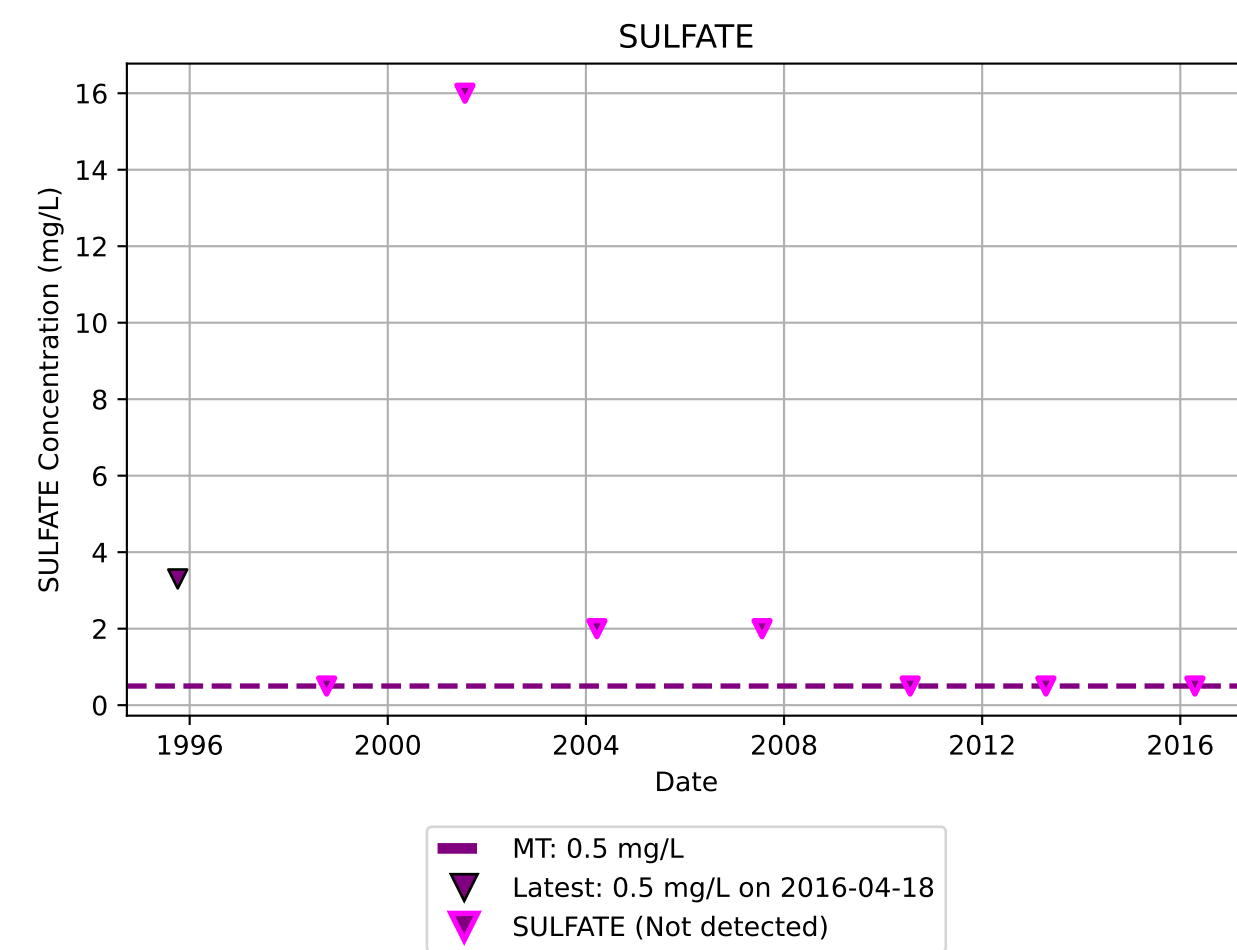
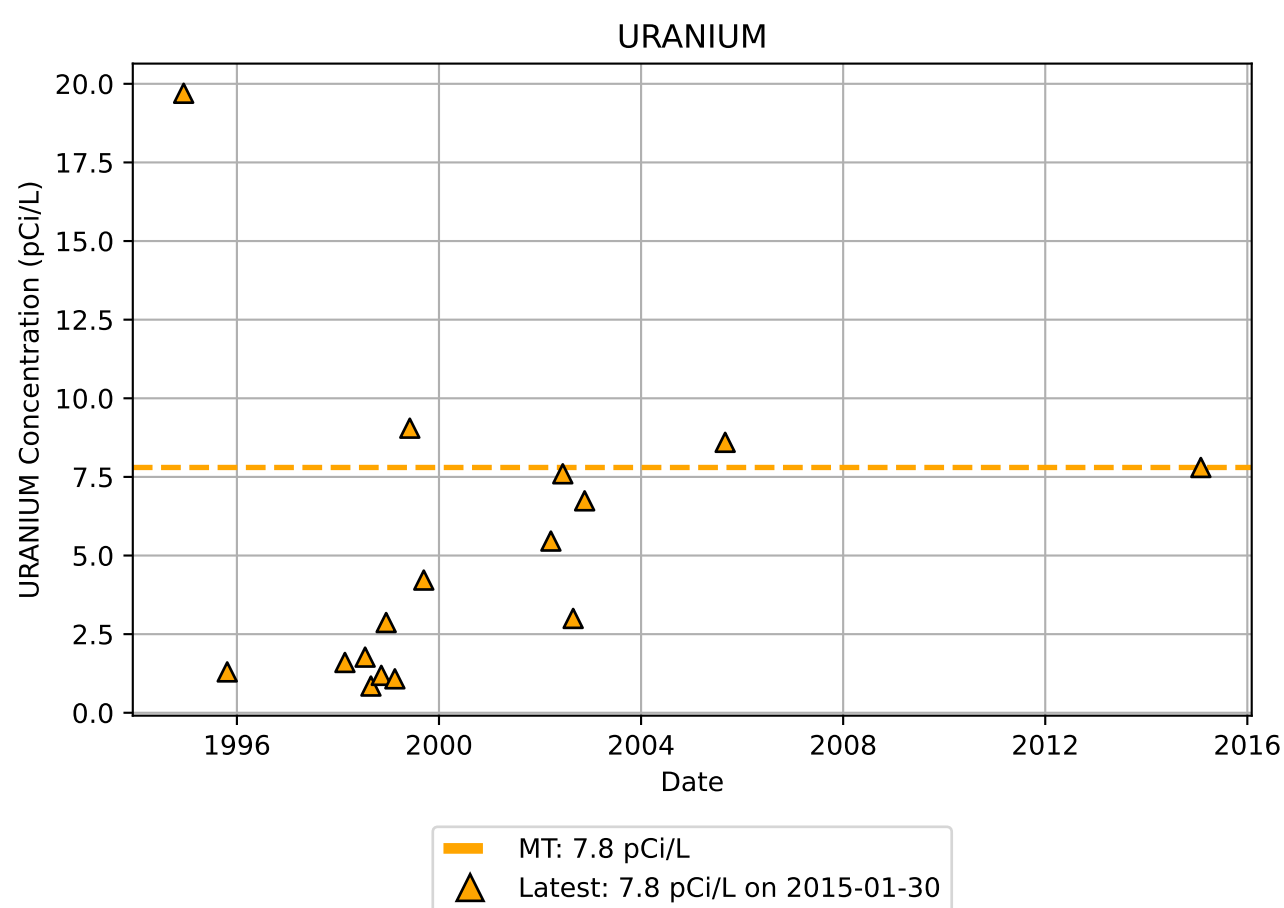
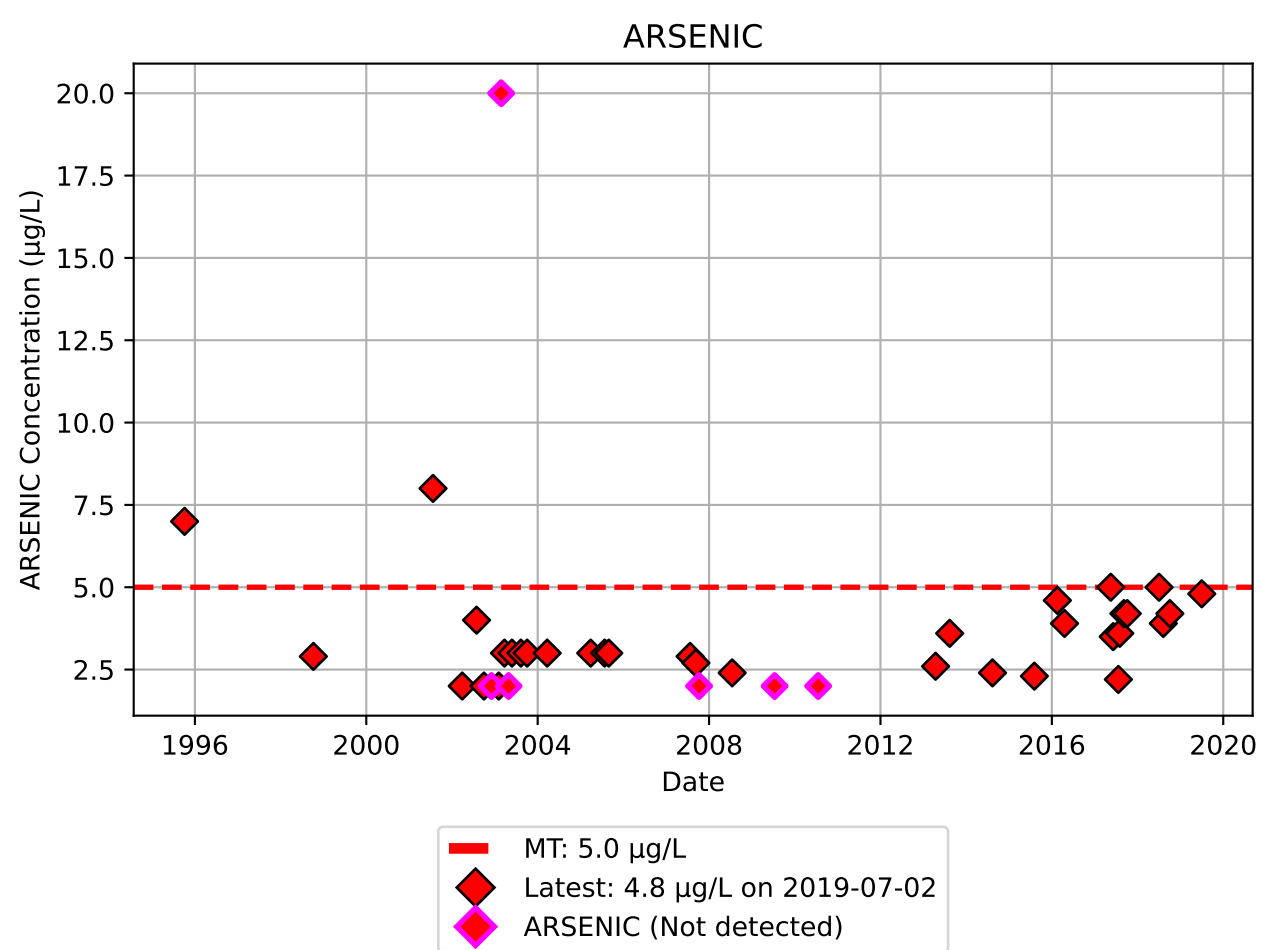
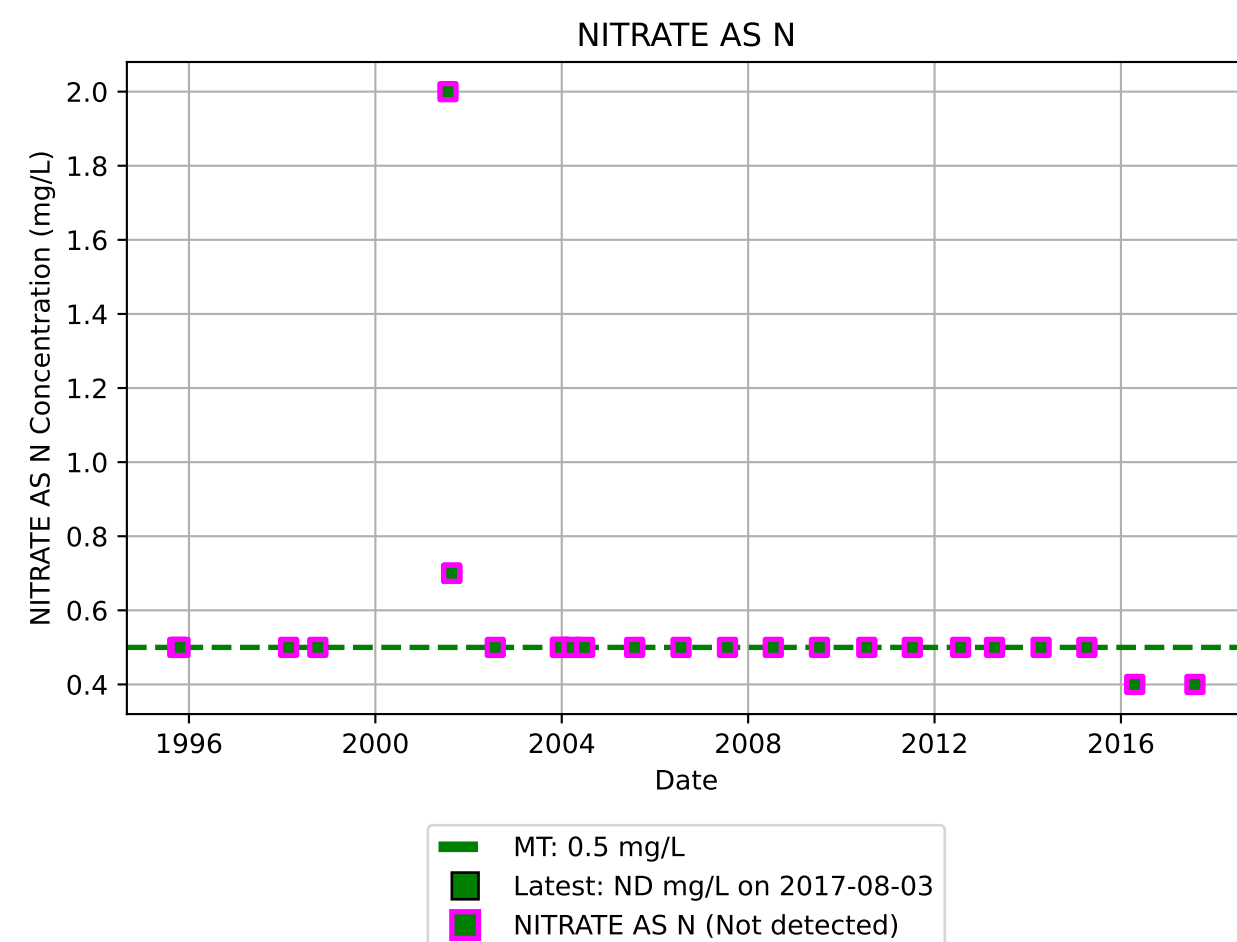
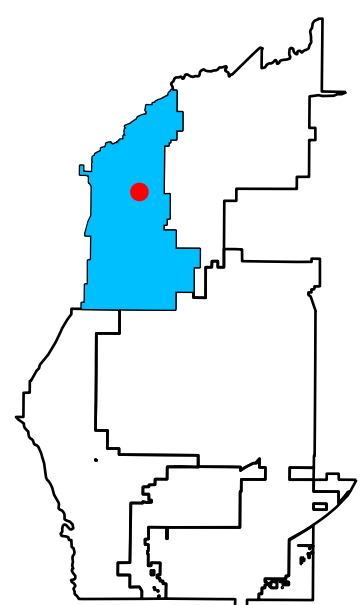


Water Quality RMS Well 1610005-007
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA

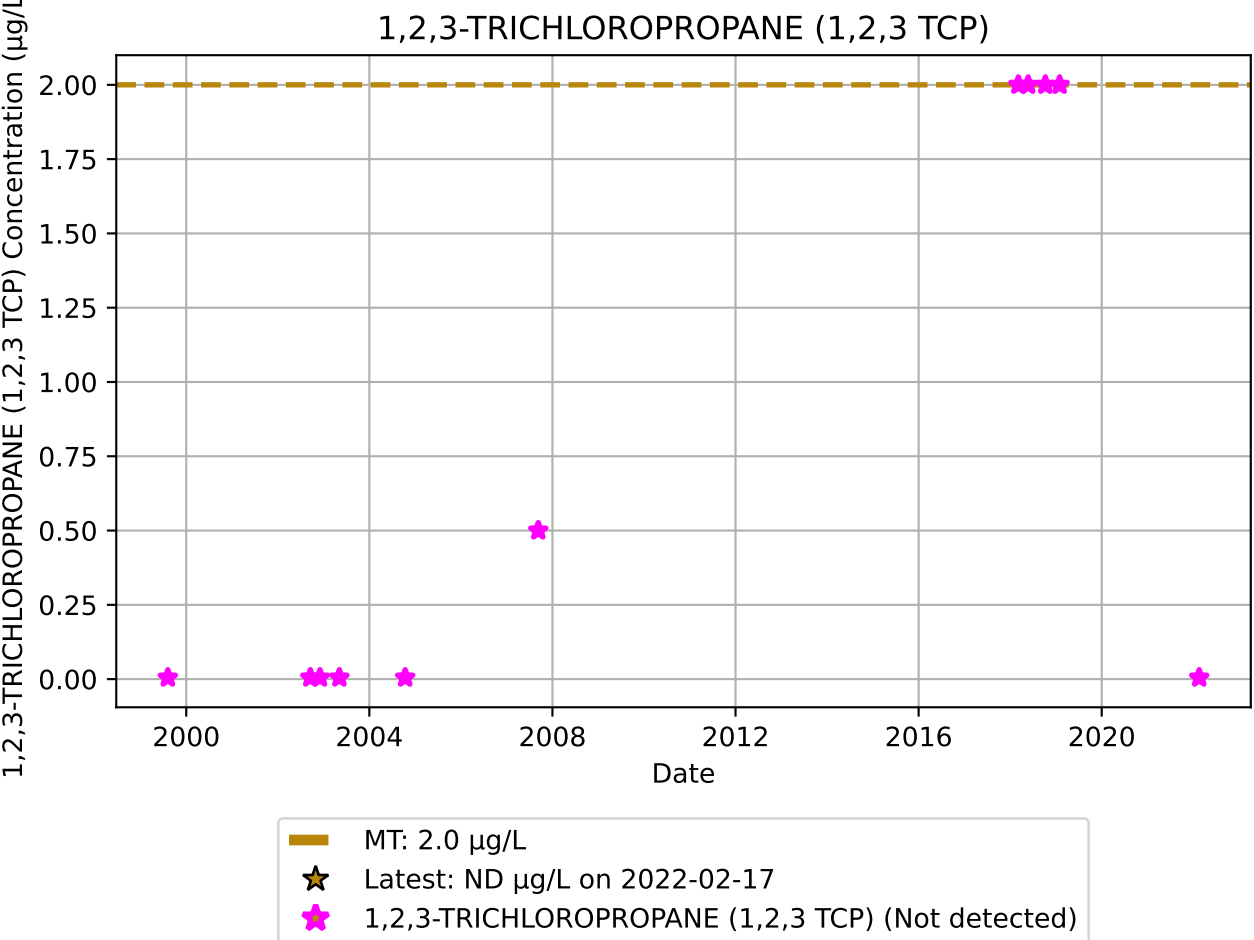
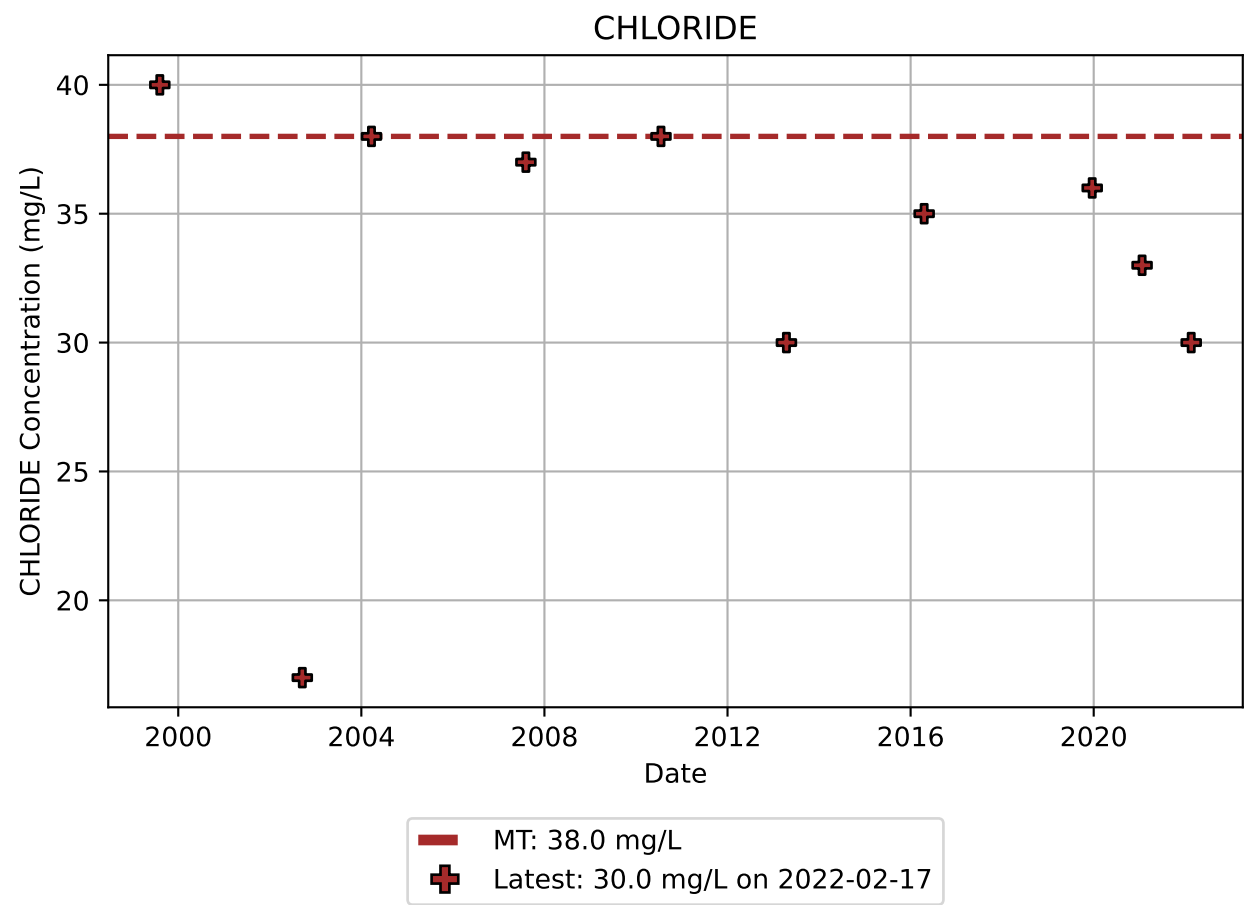
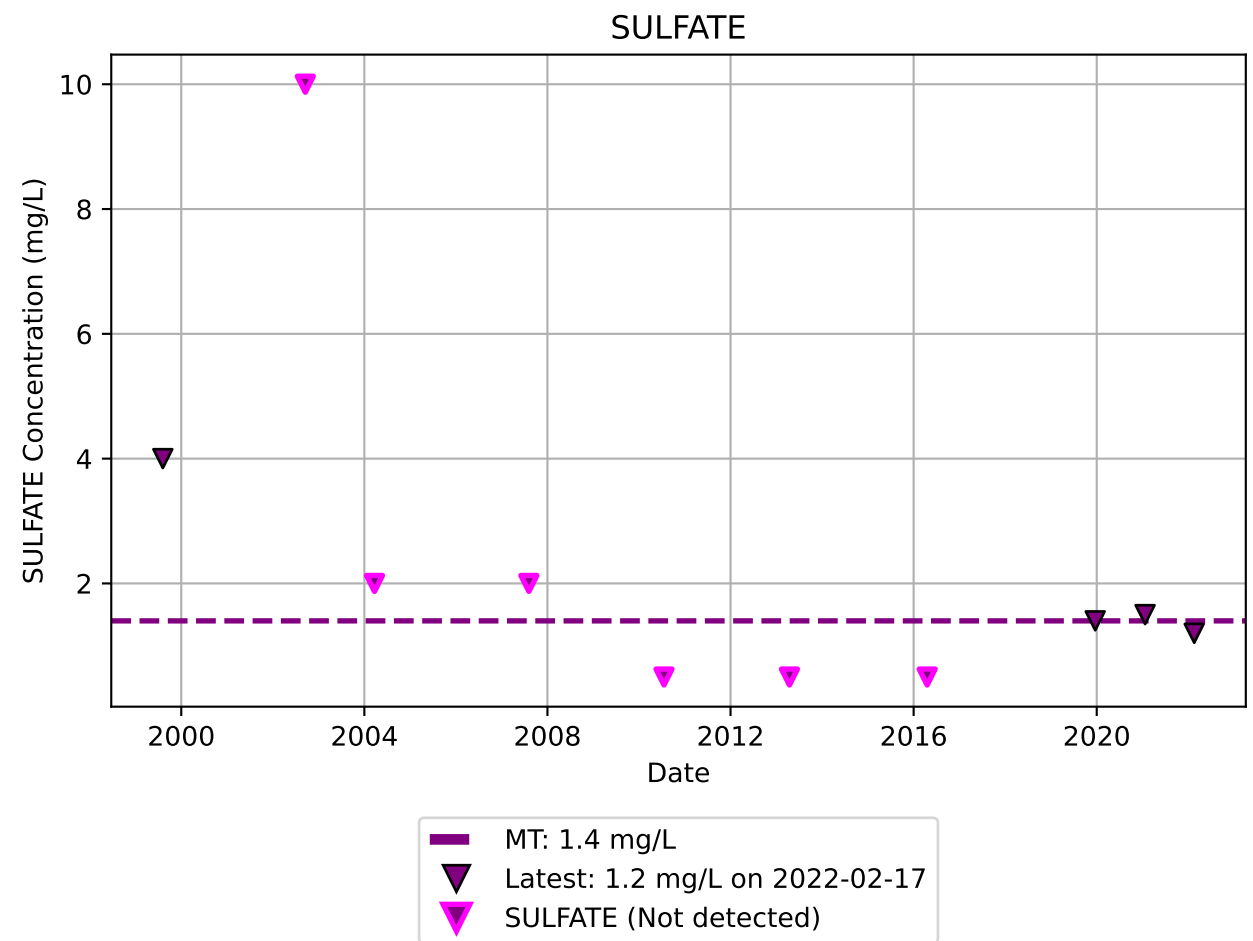
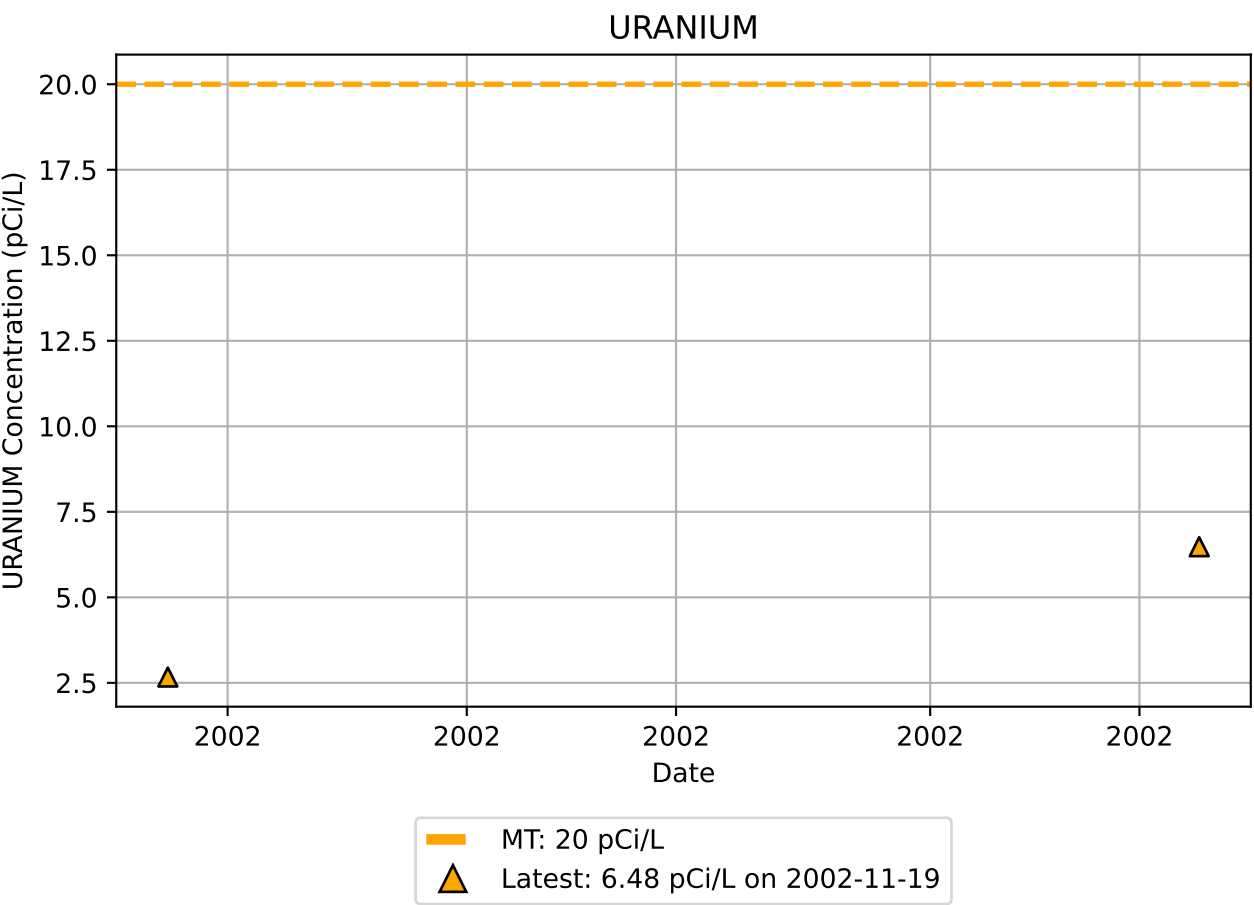
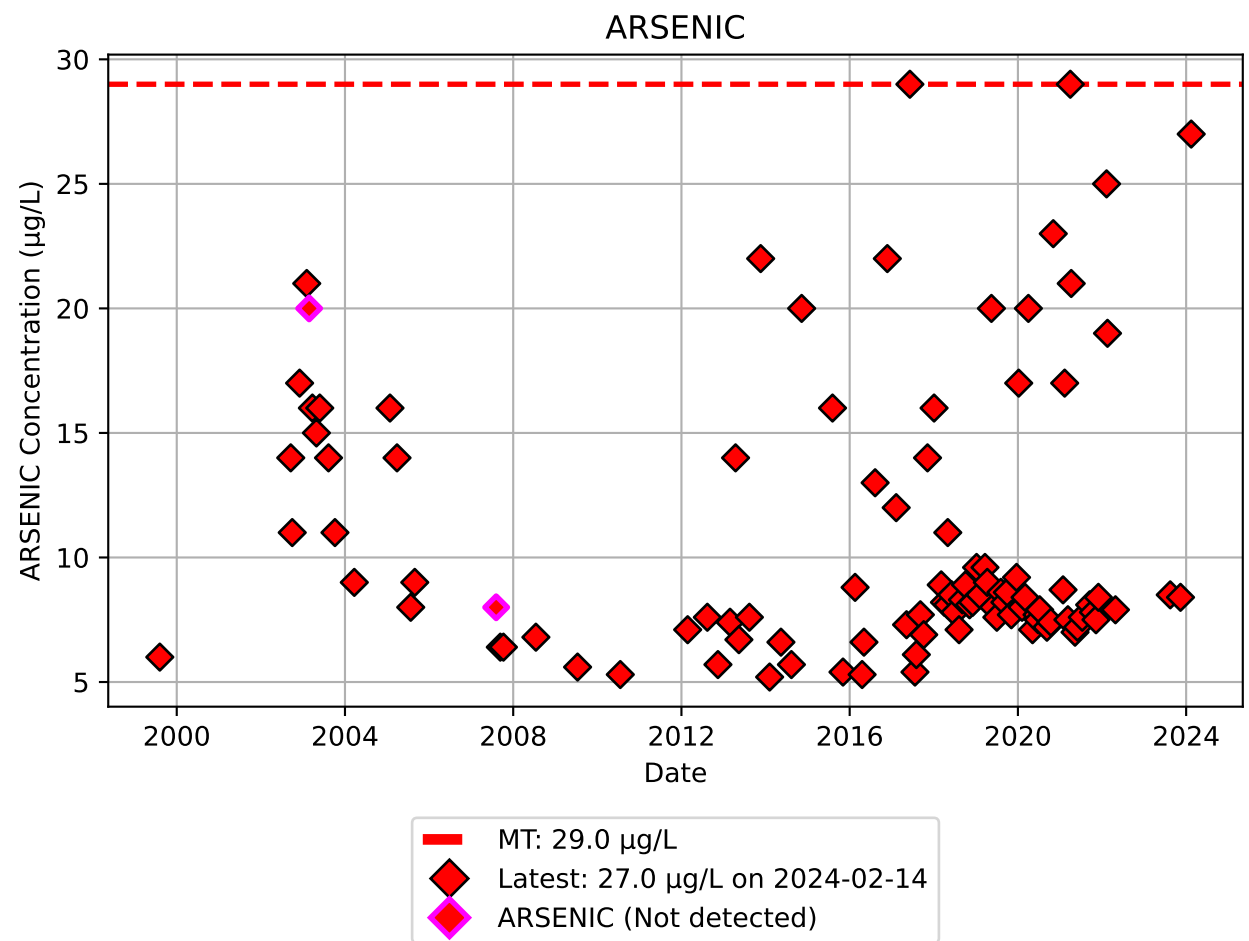
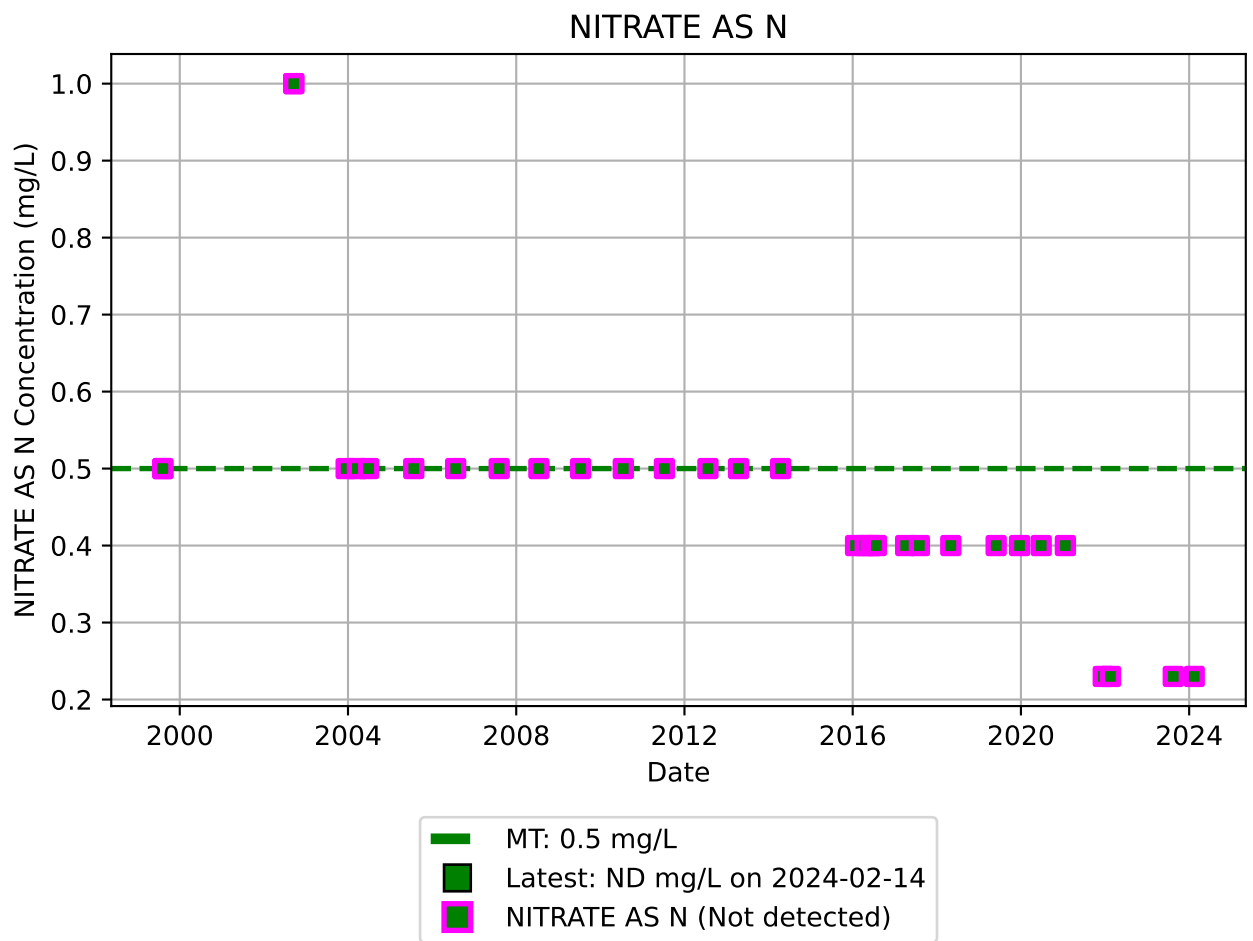
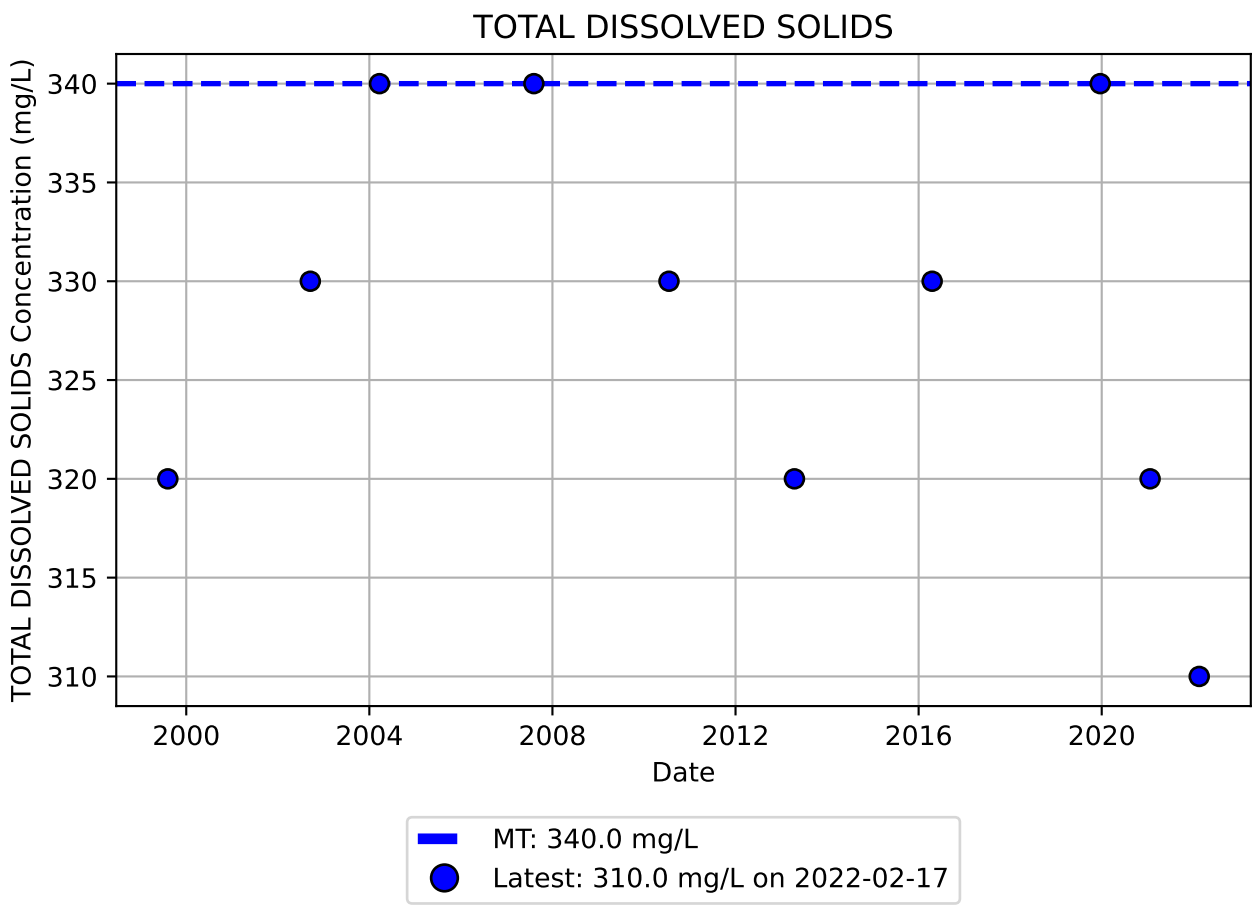
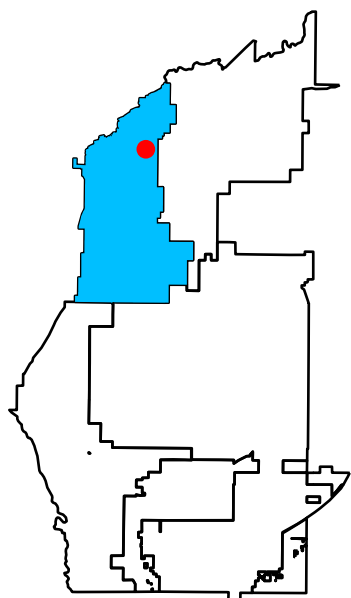


RMS well location
in South Fork Kings GSA



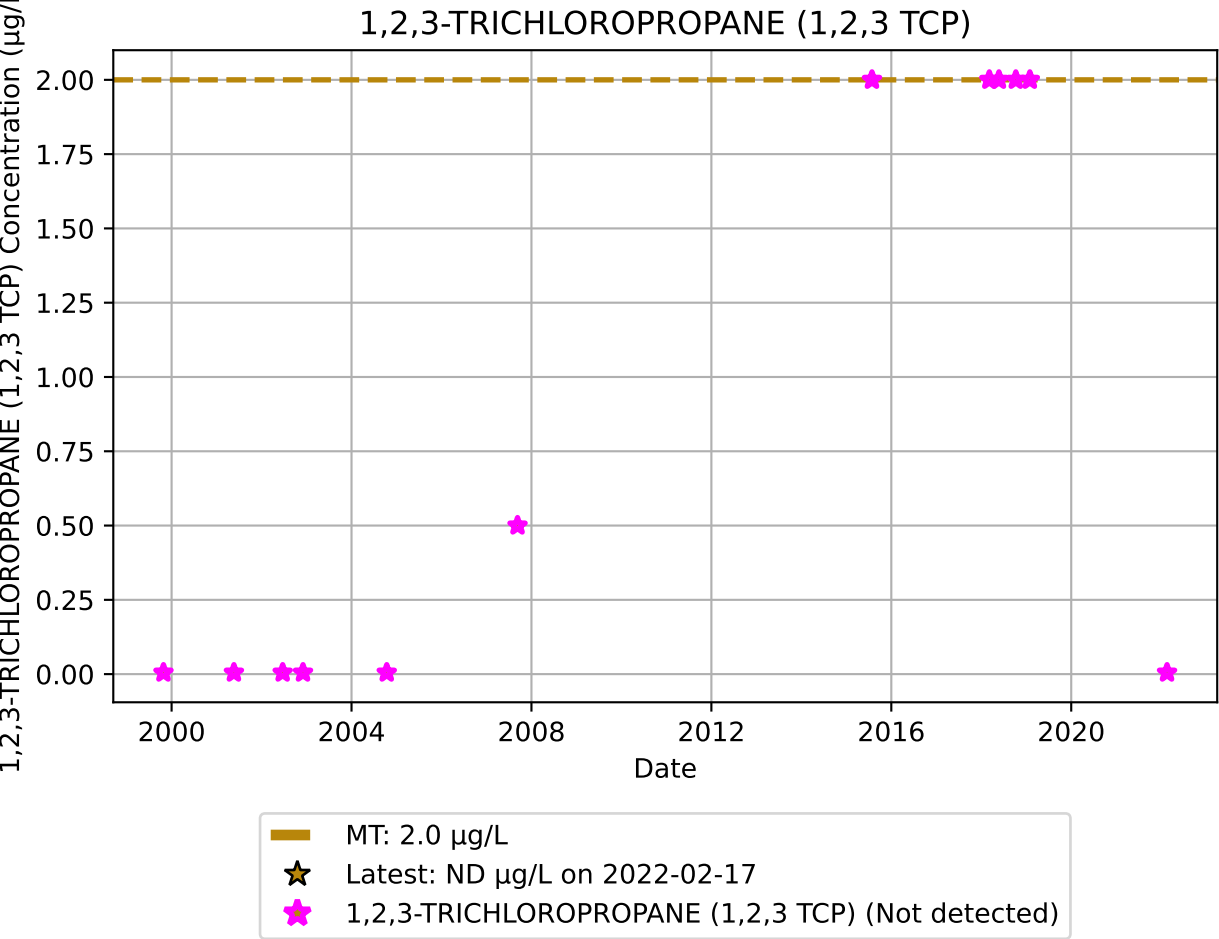
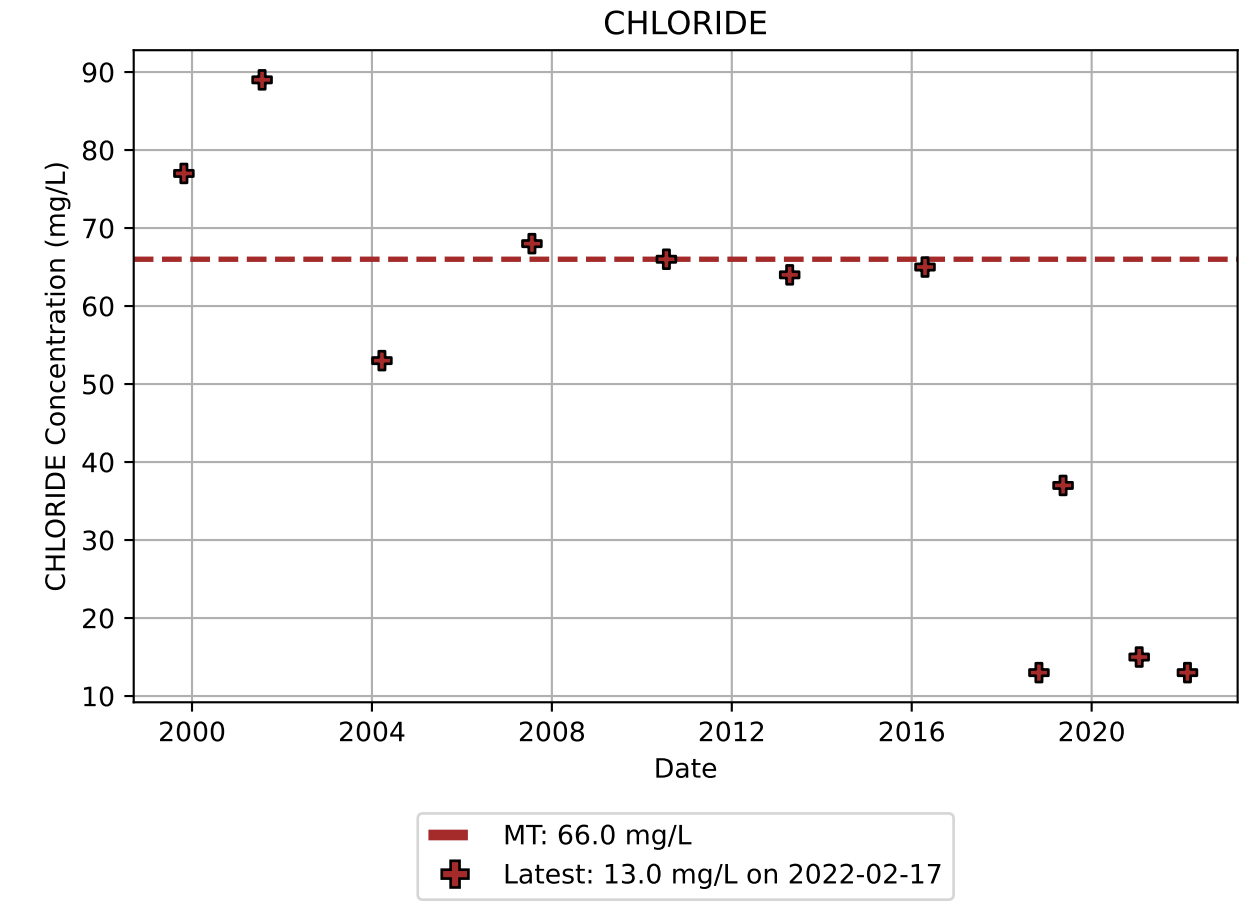
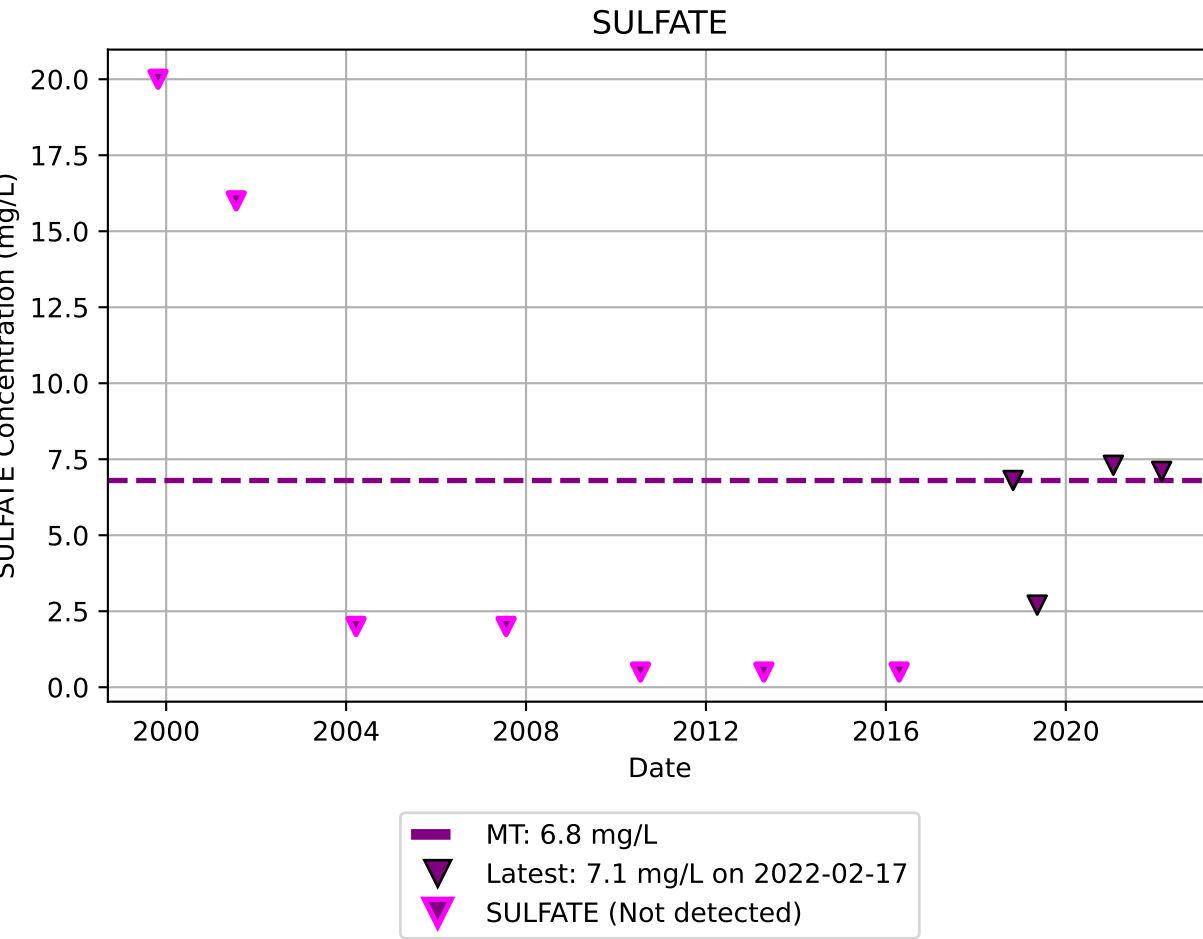
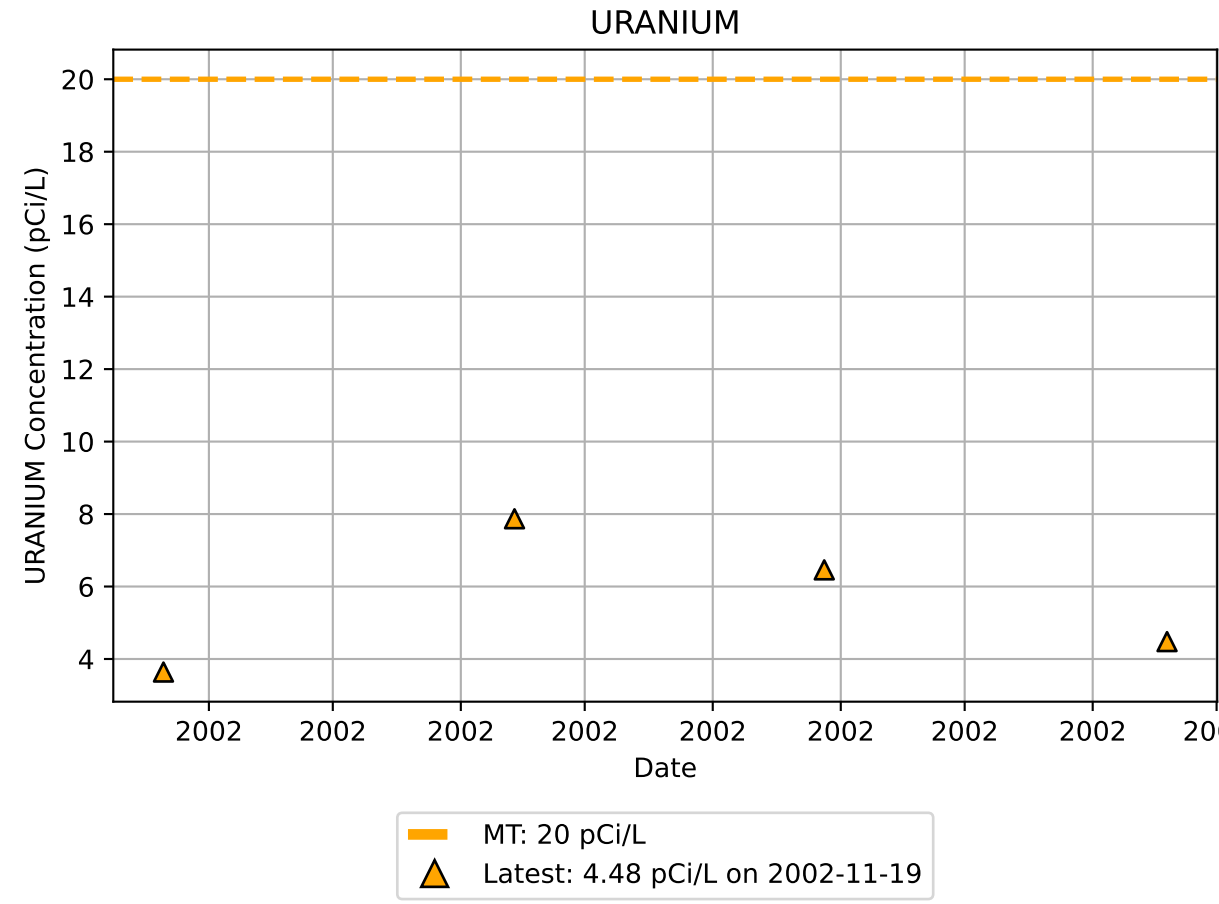
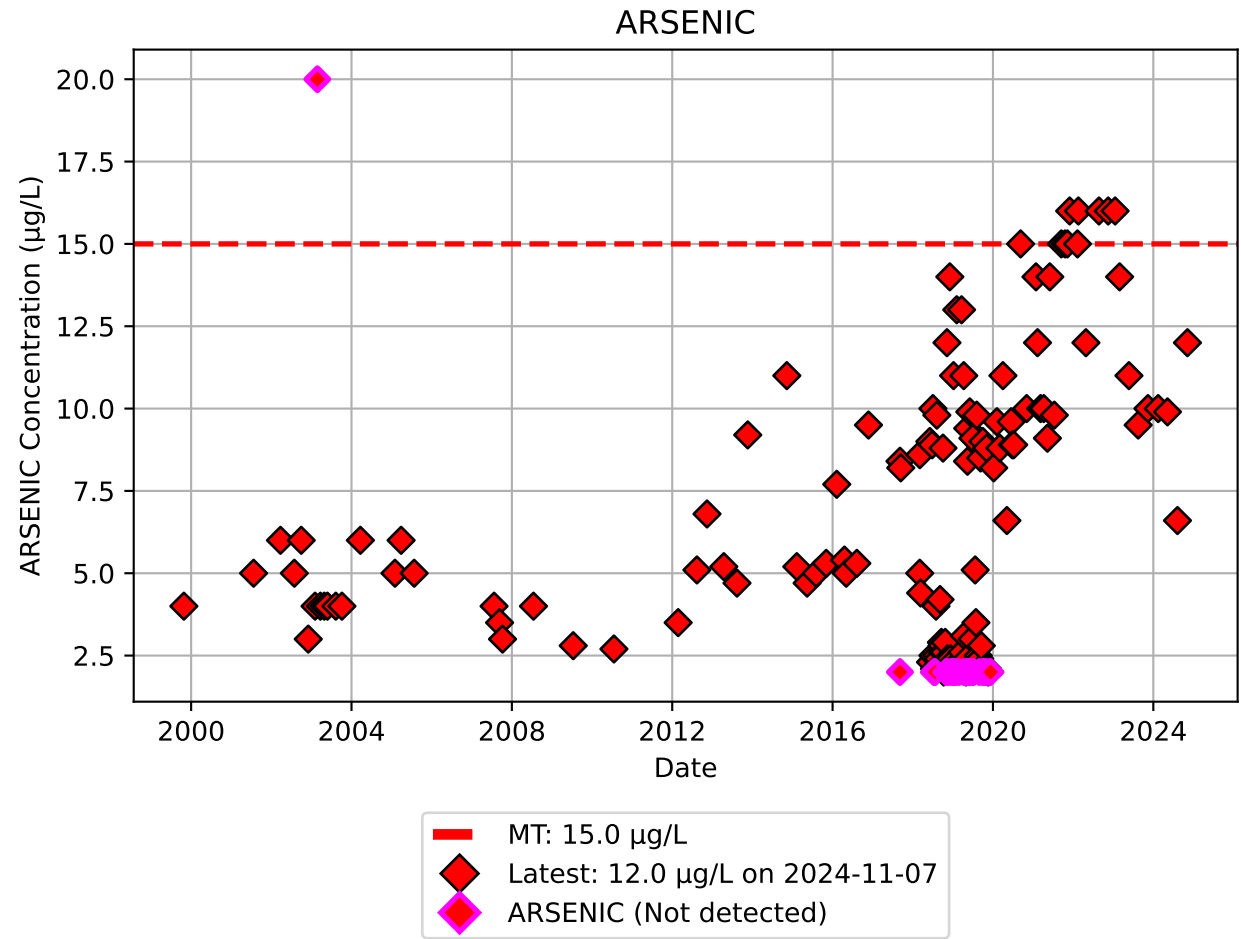
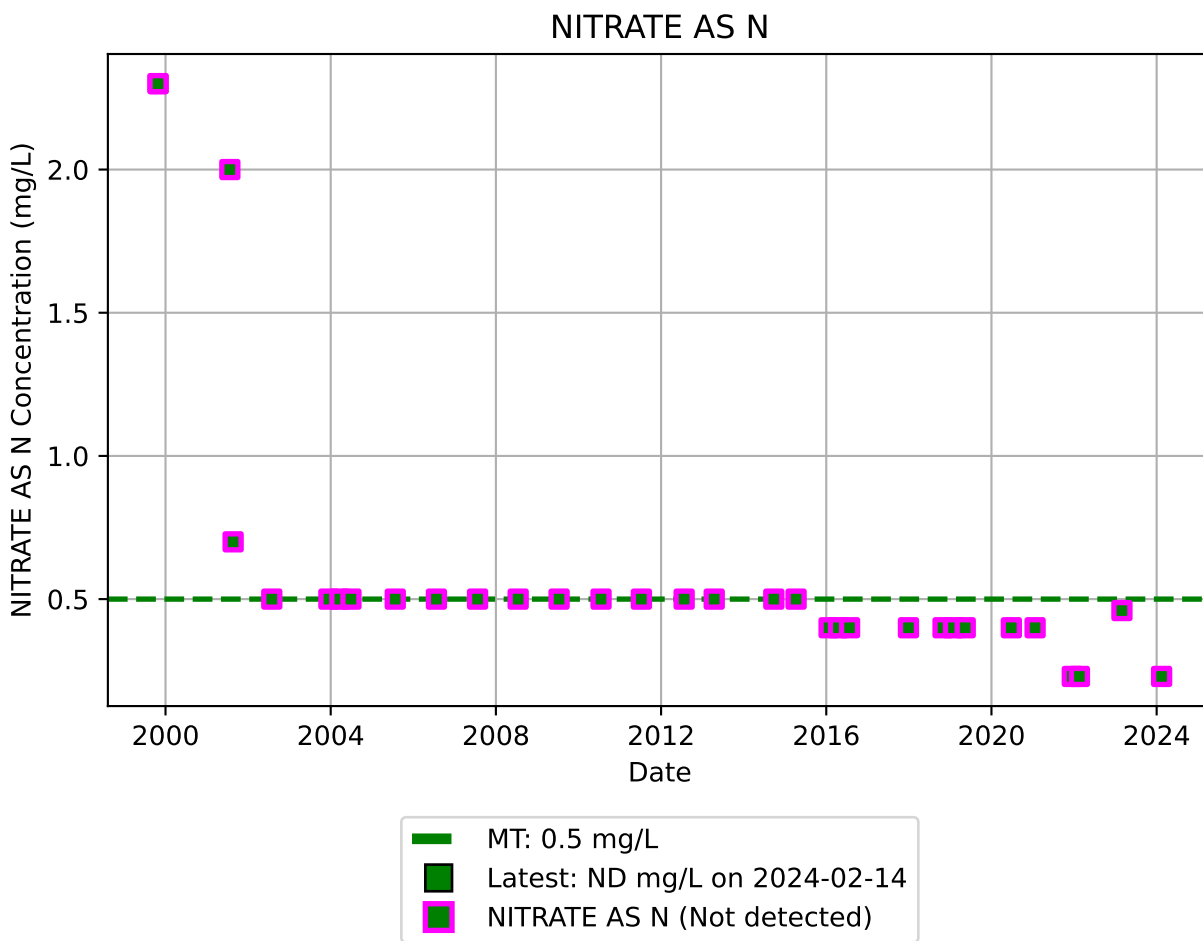
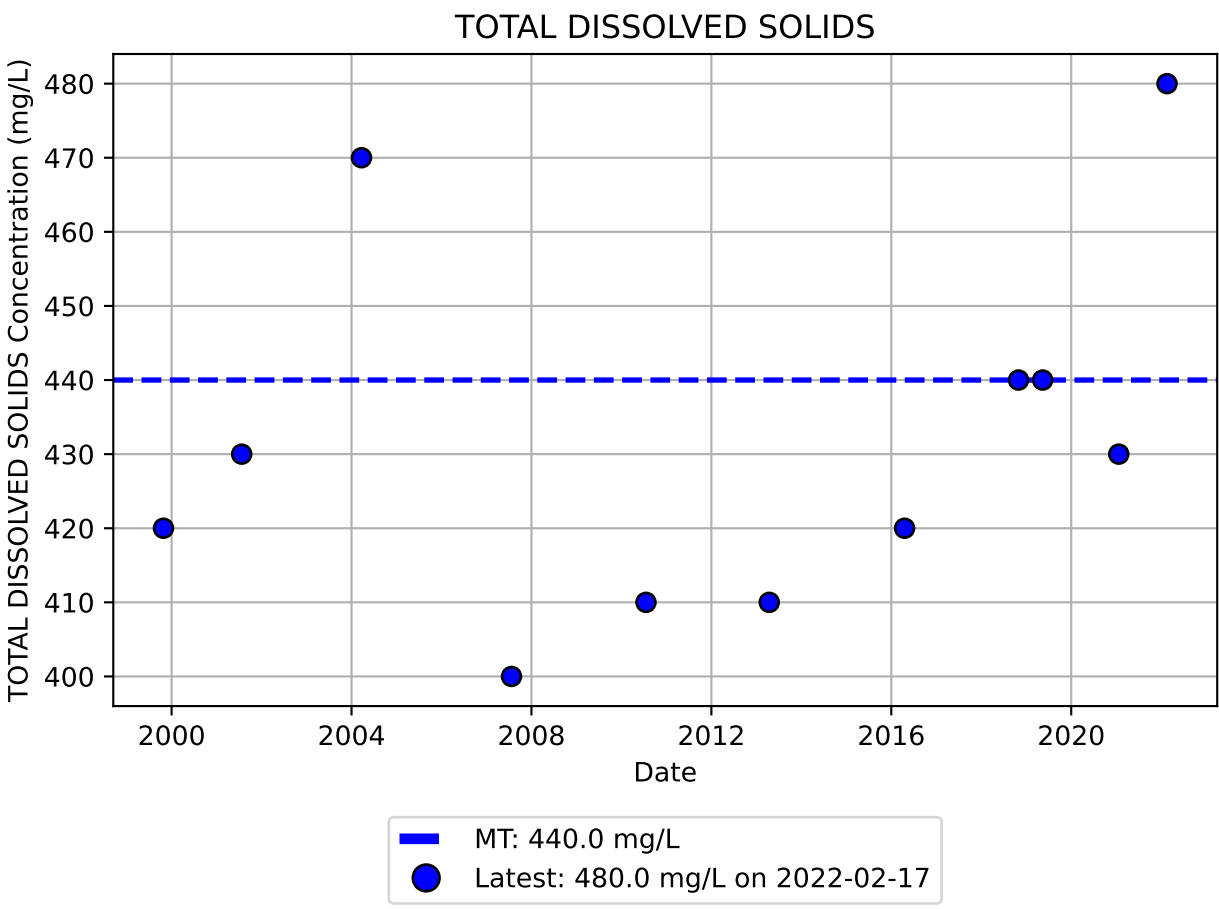
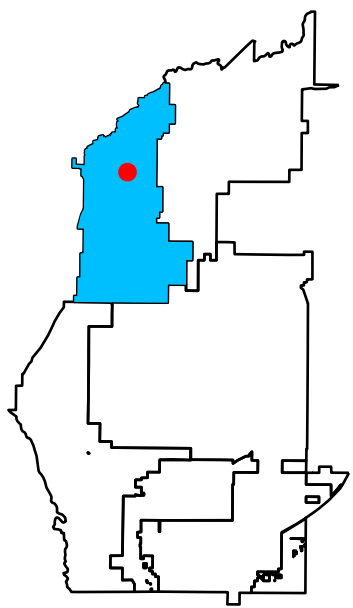
Water Quality RMS Well 1610005-010
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



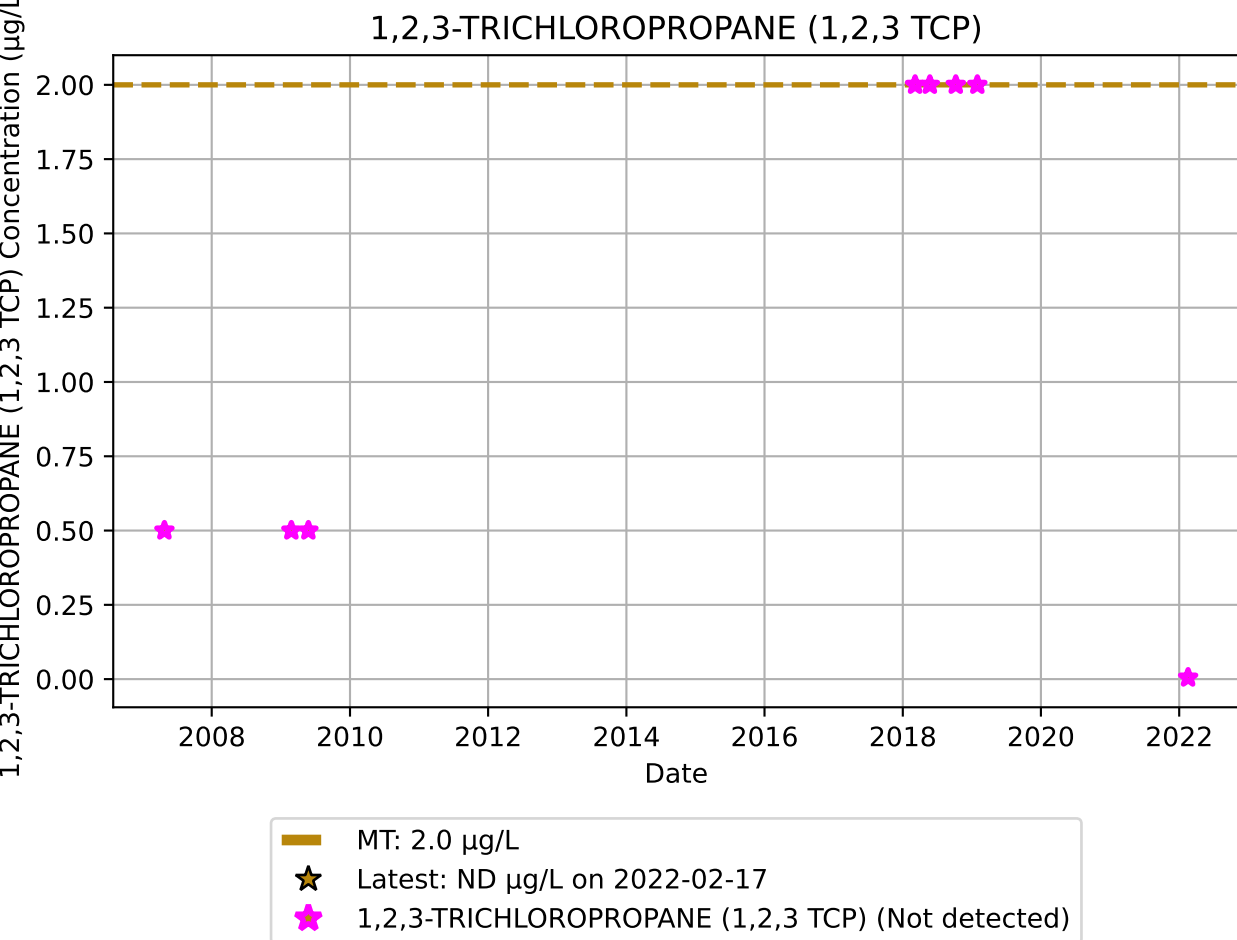
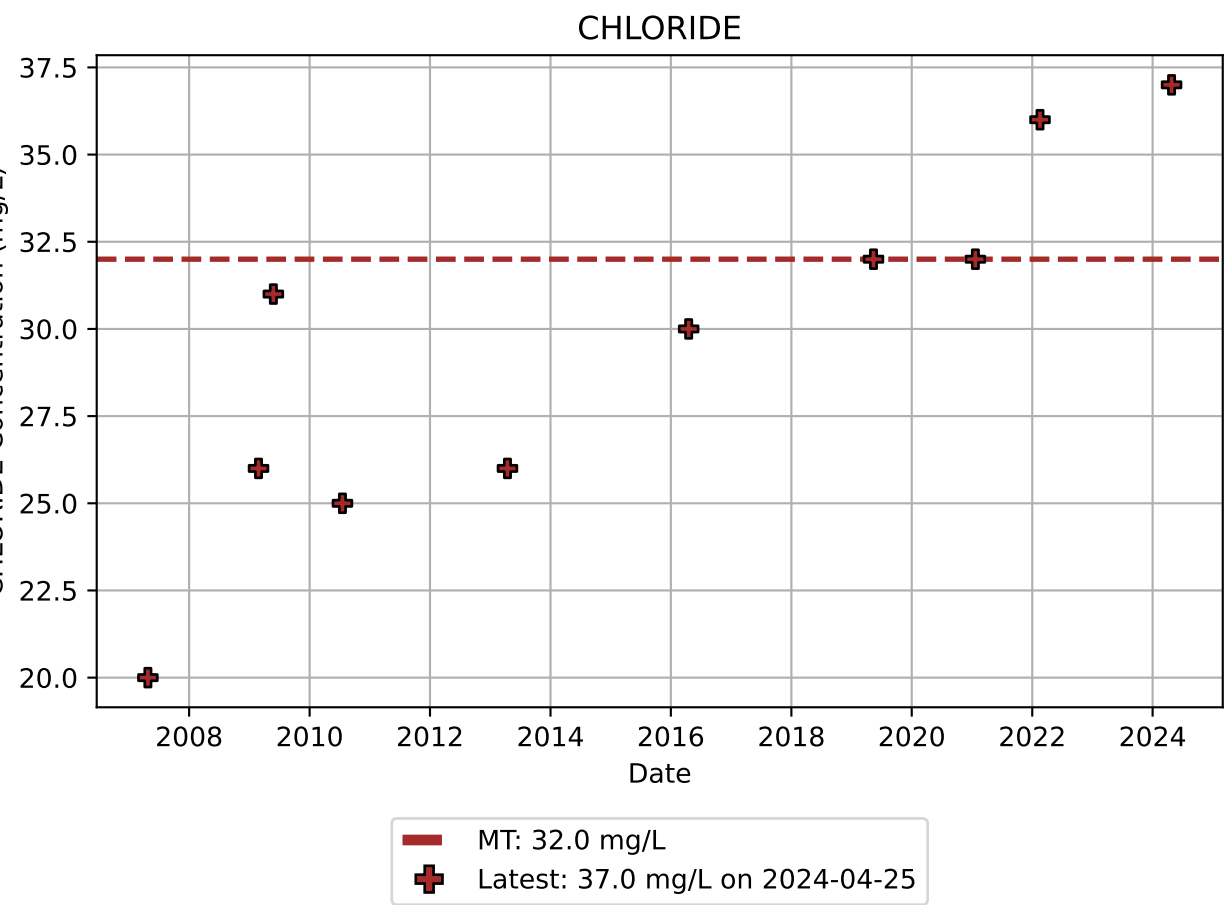
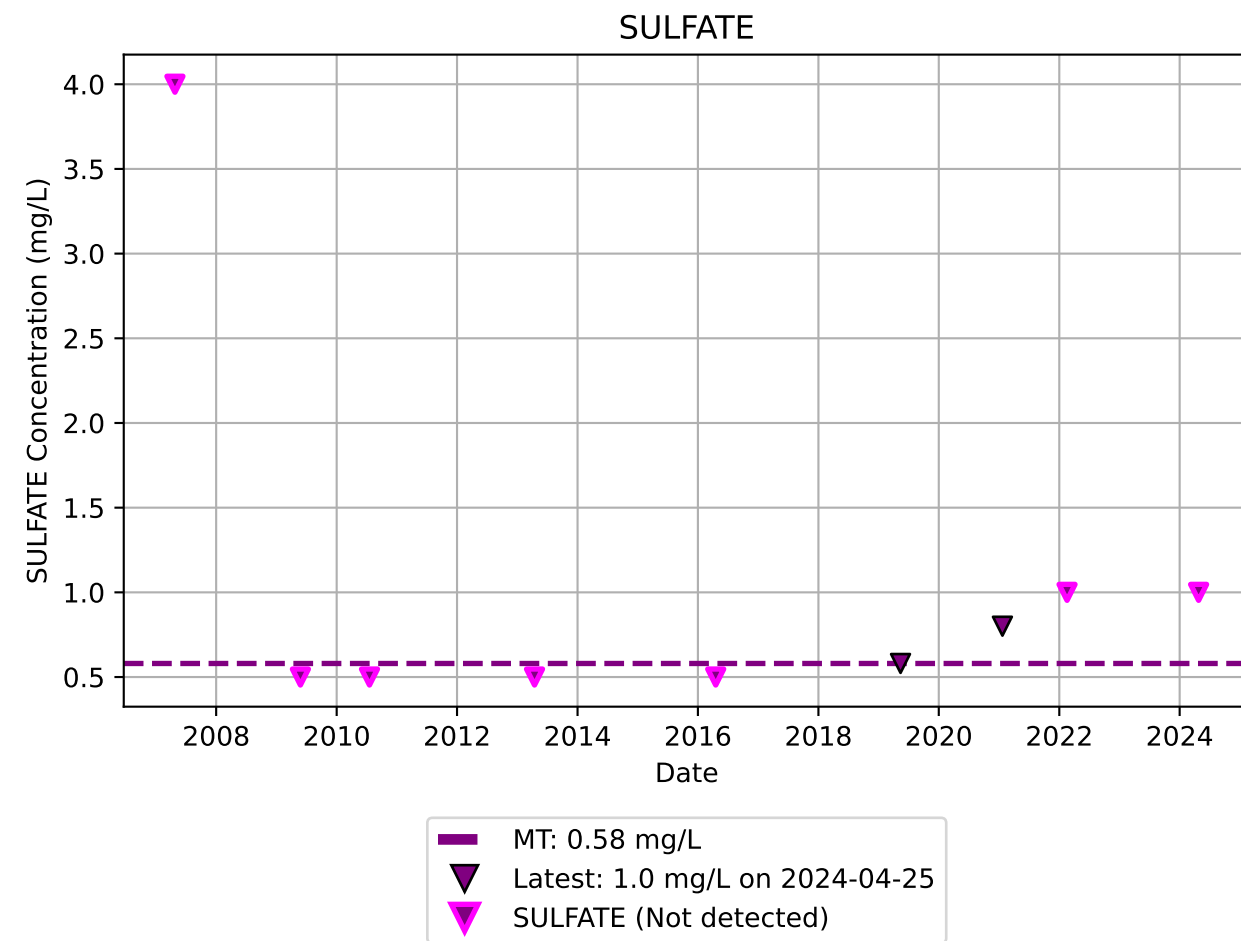
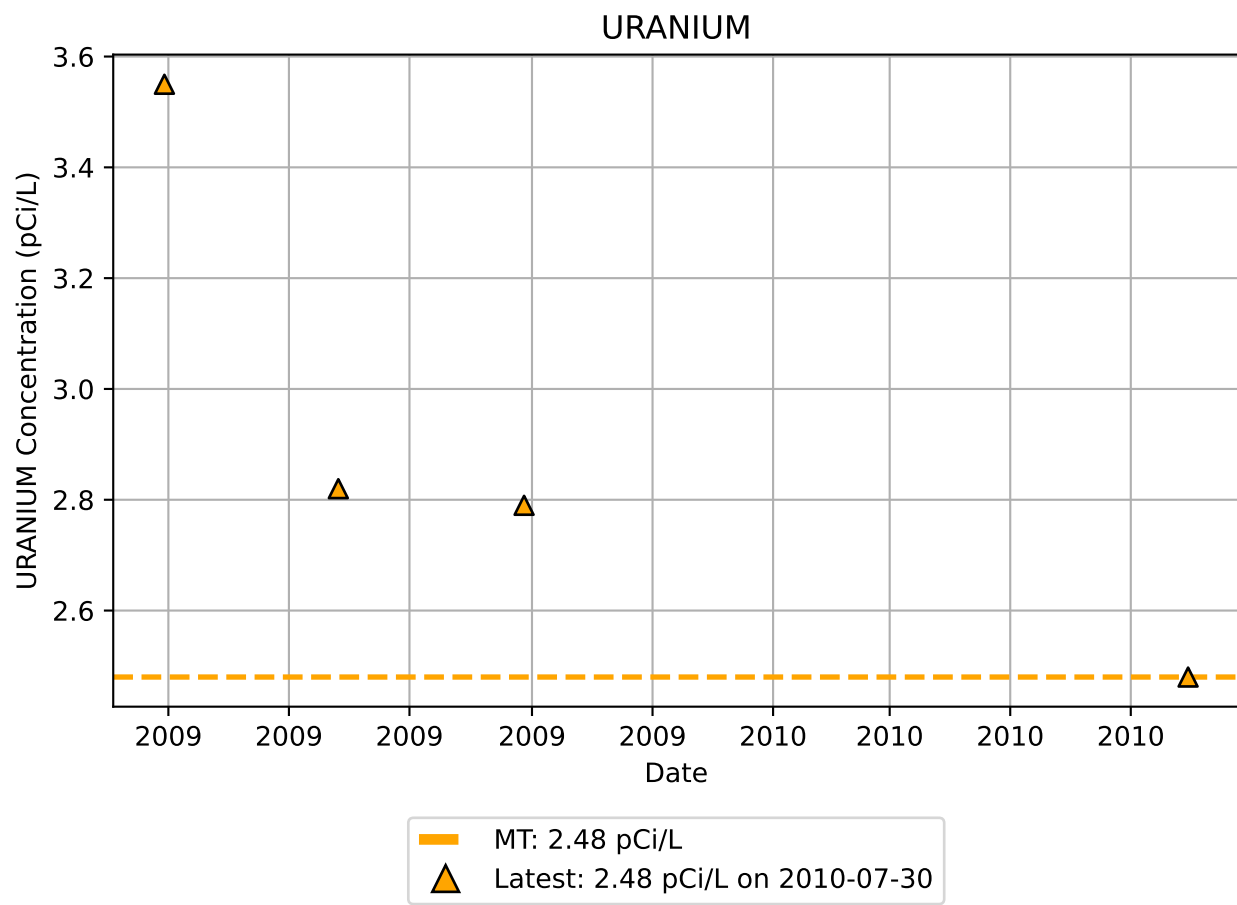
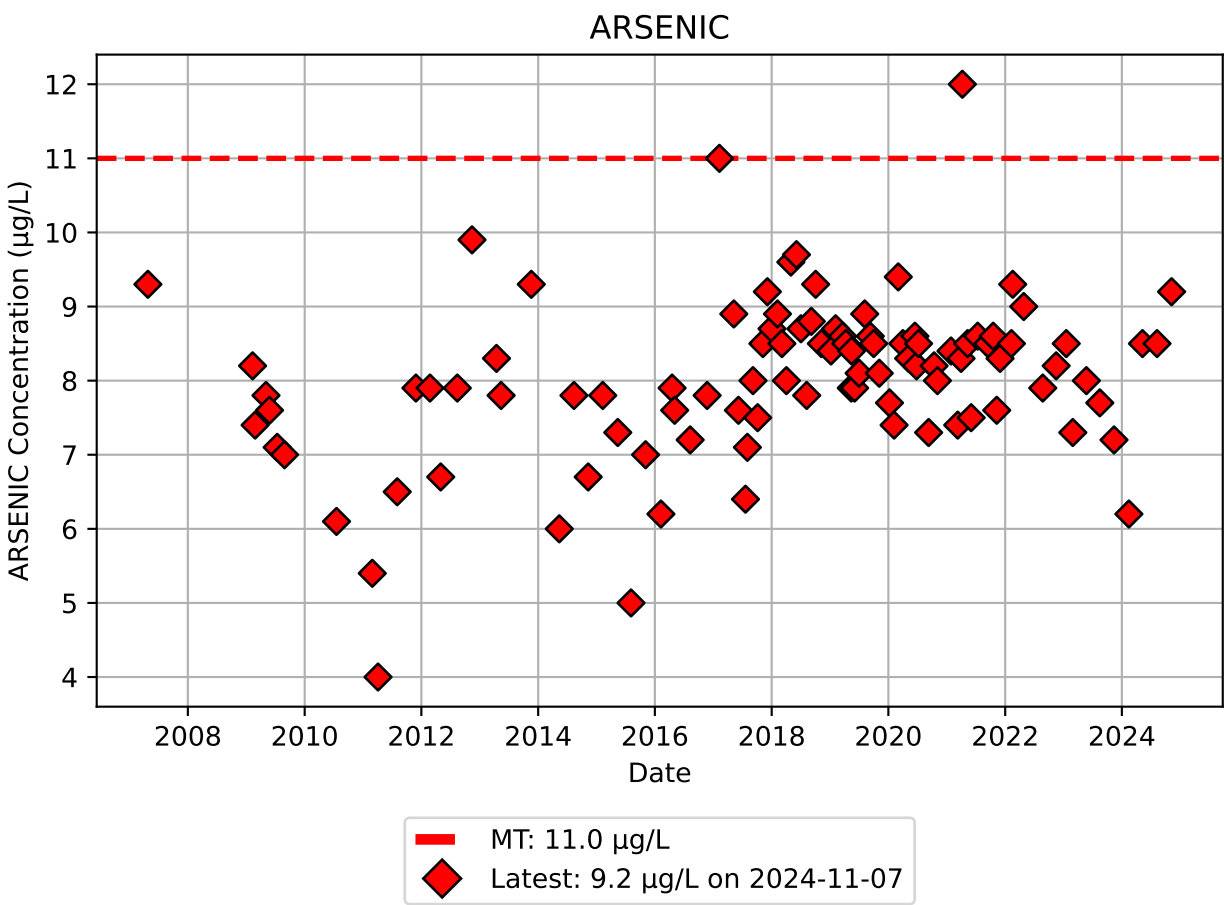
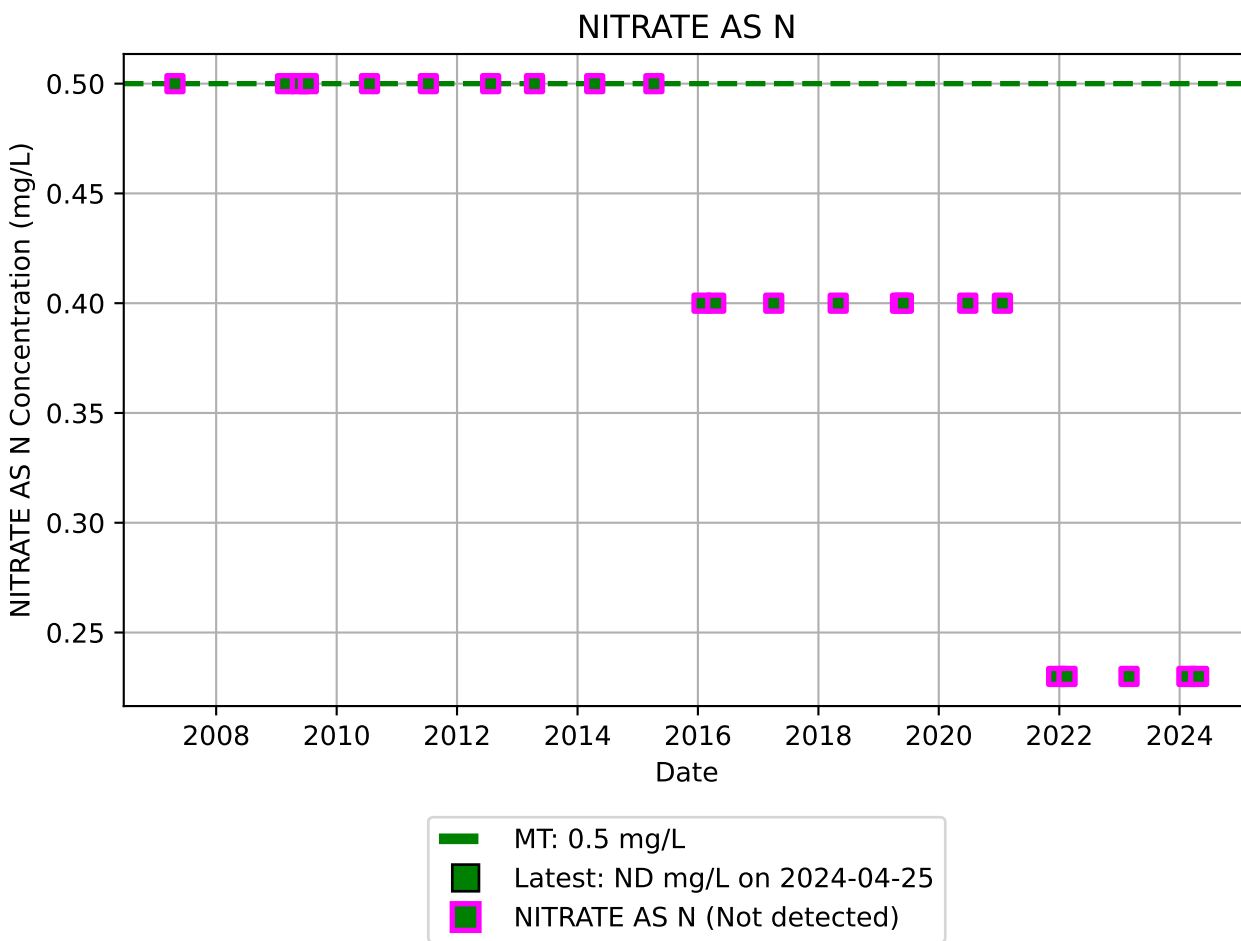
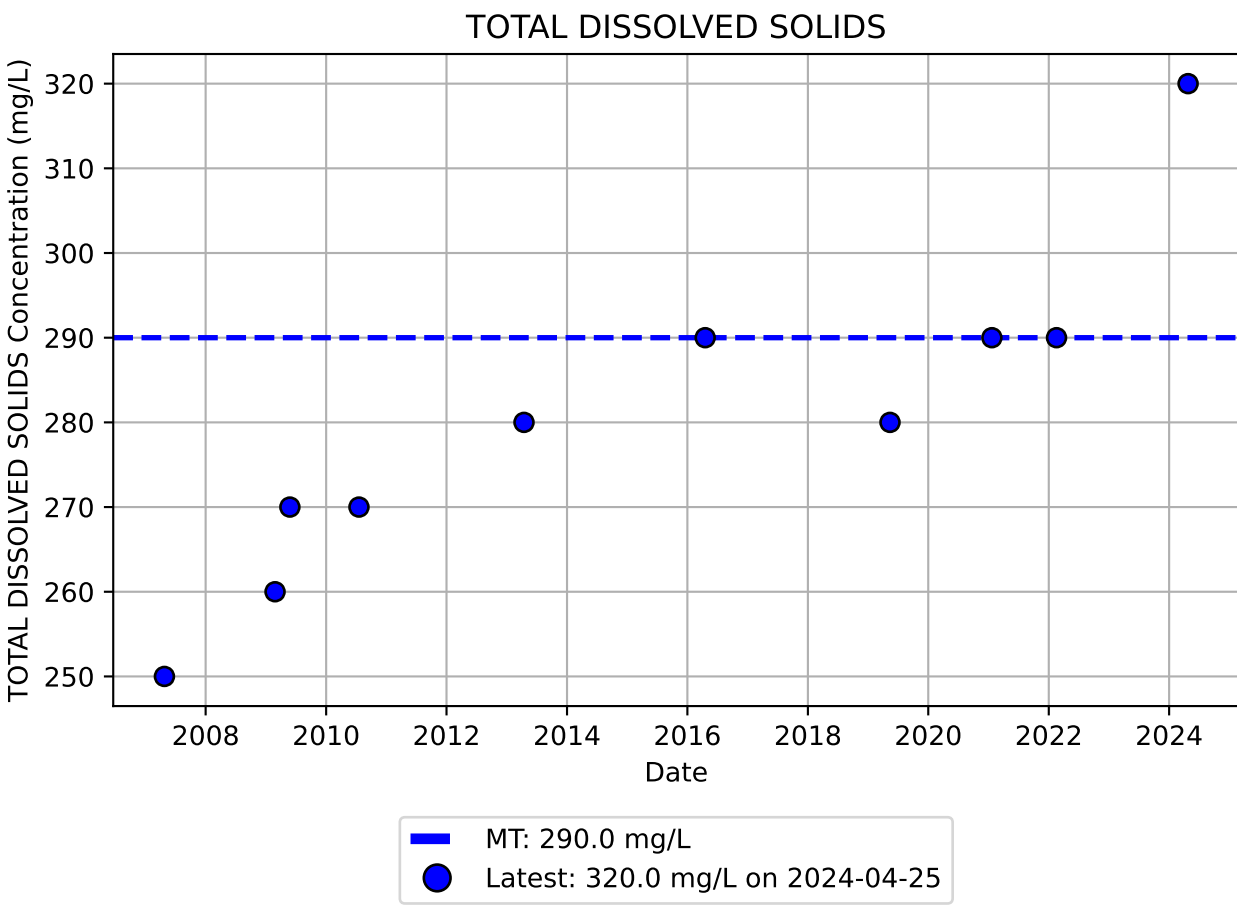
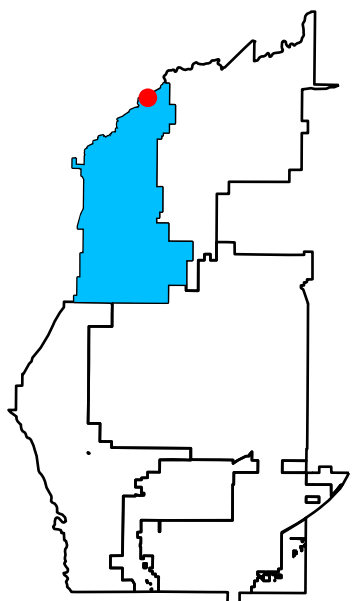
Water Quality RMS Well 1610005-011
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



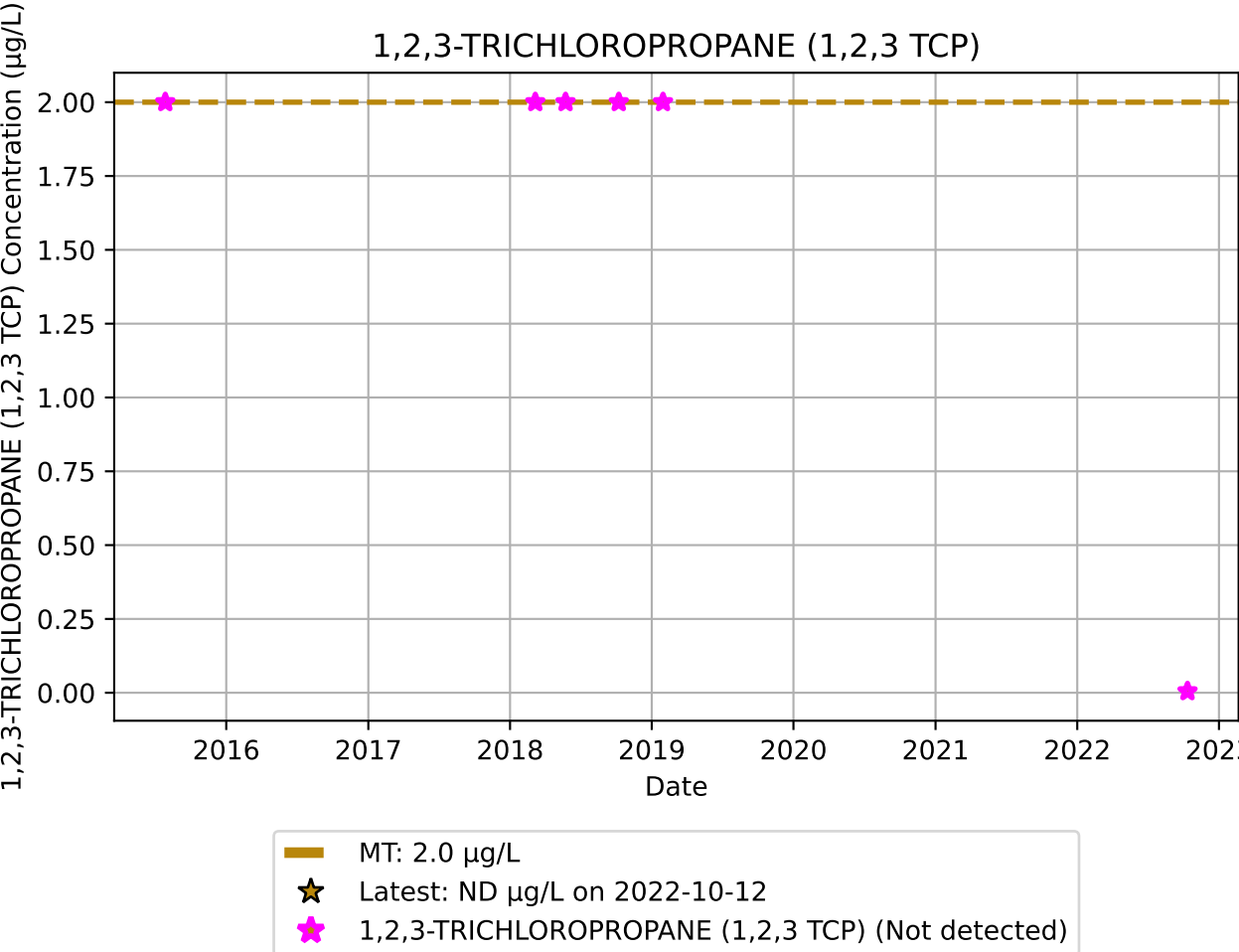
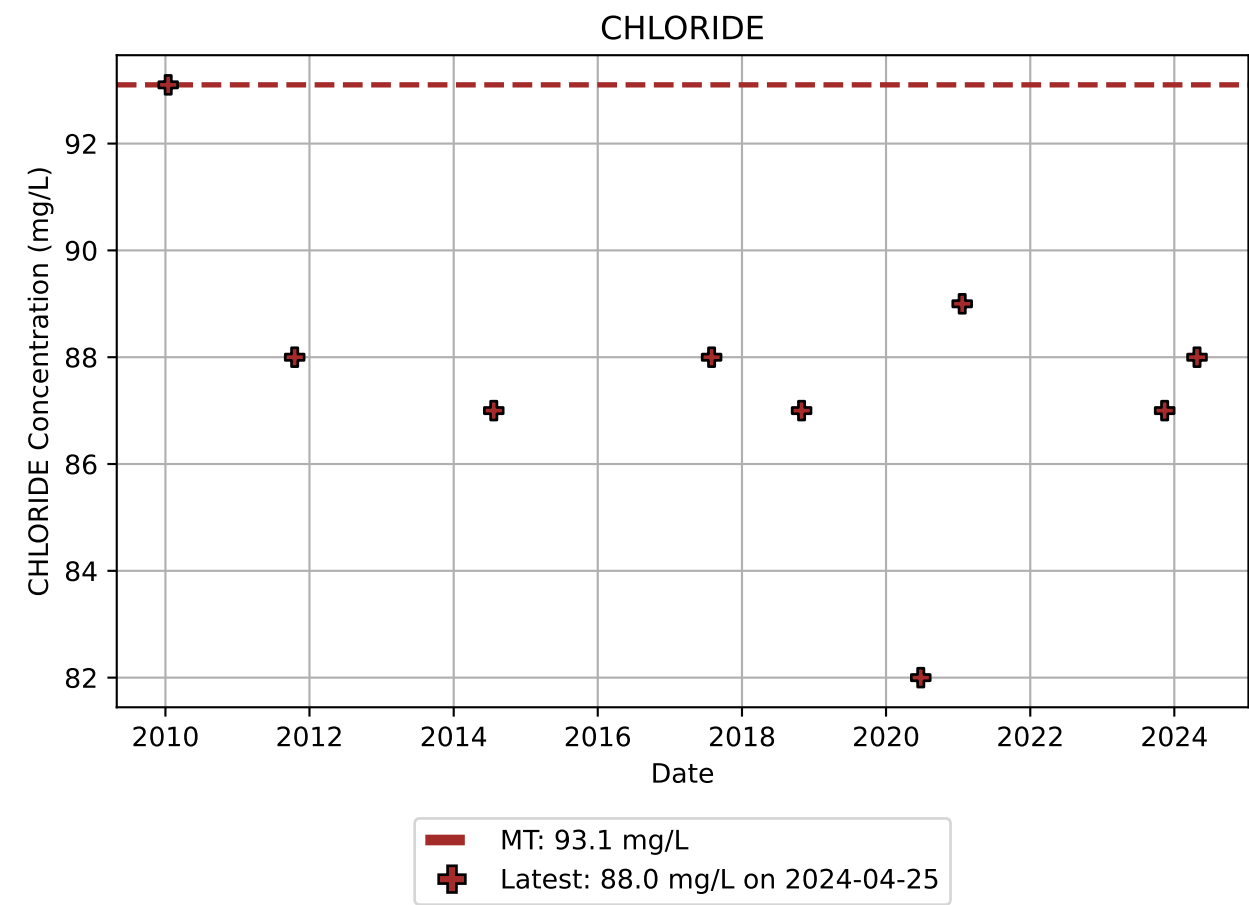
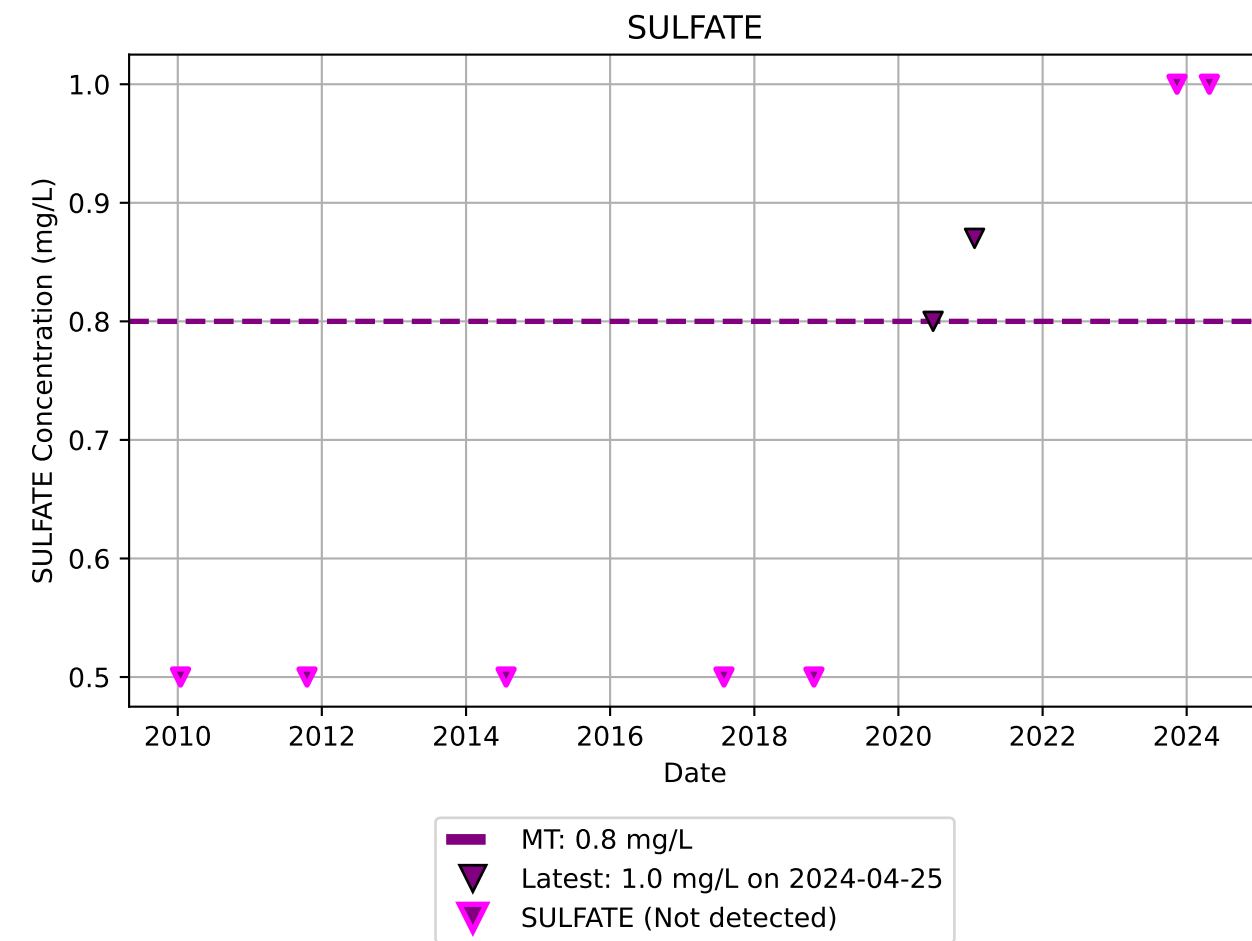
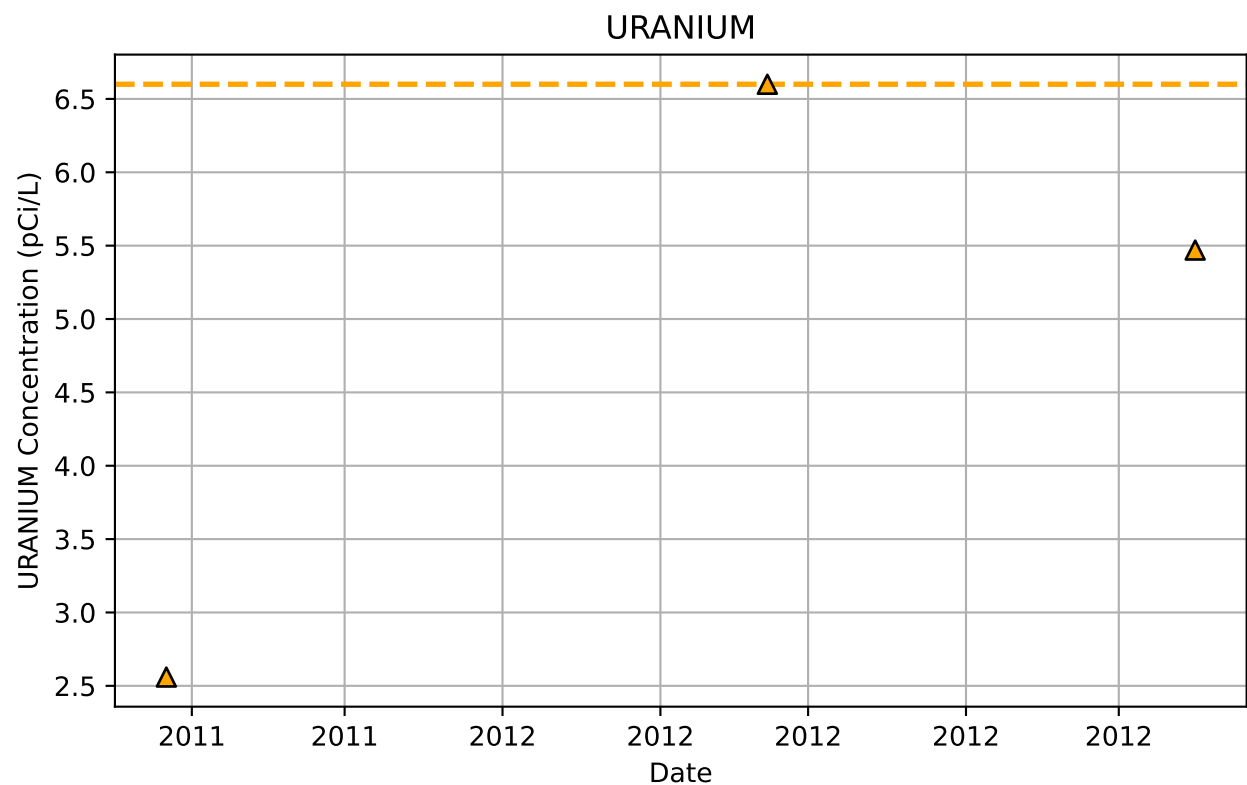
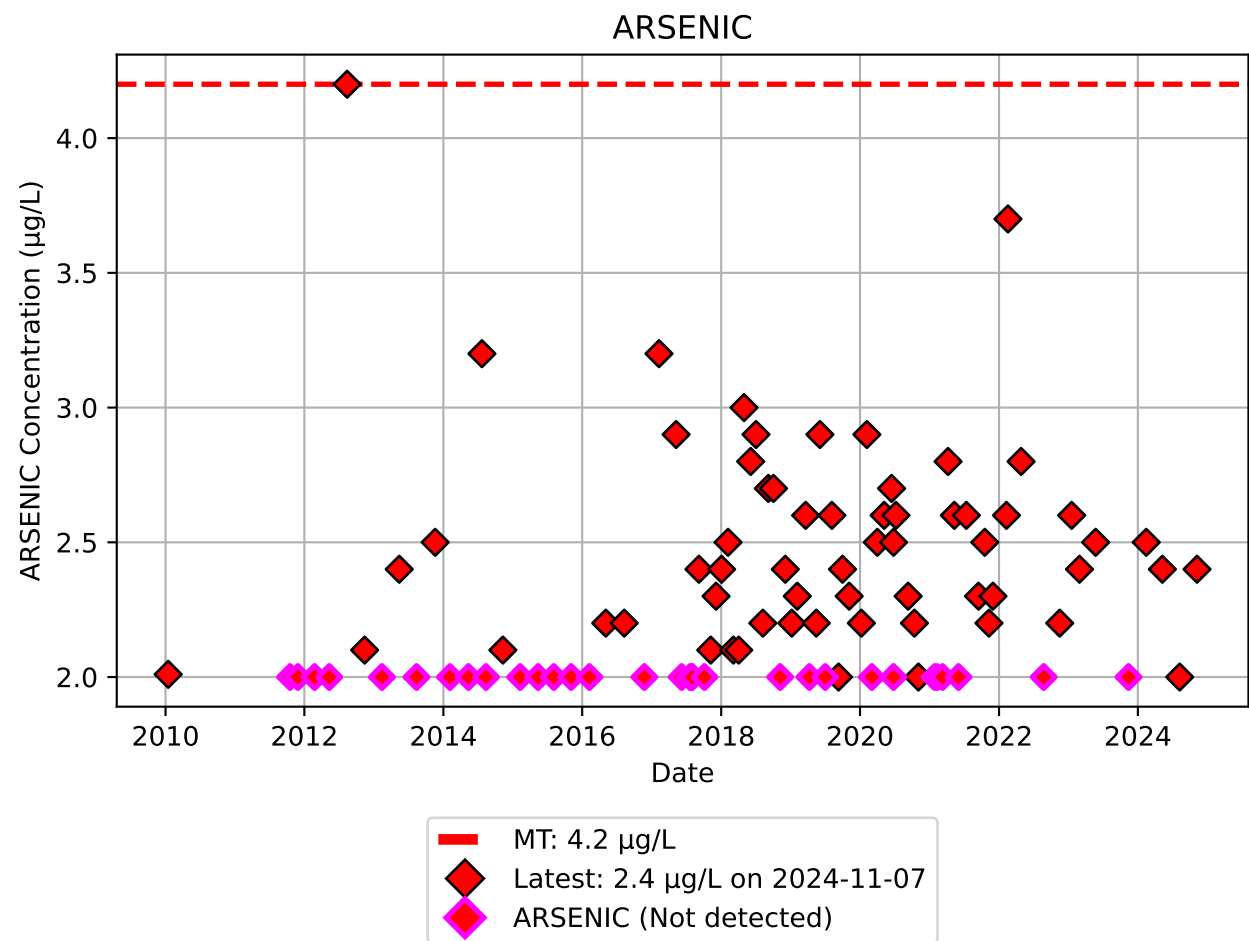
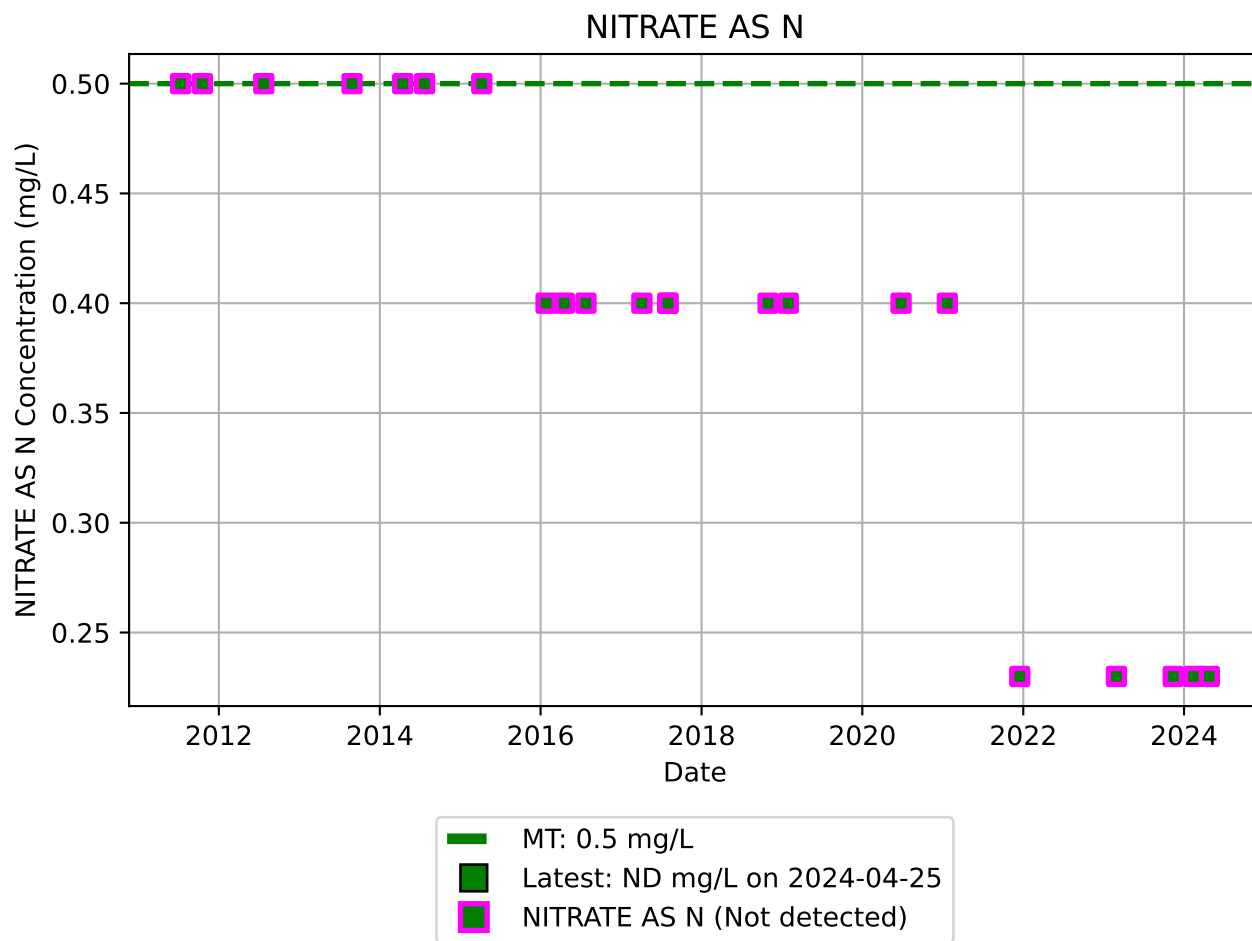
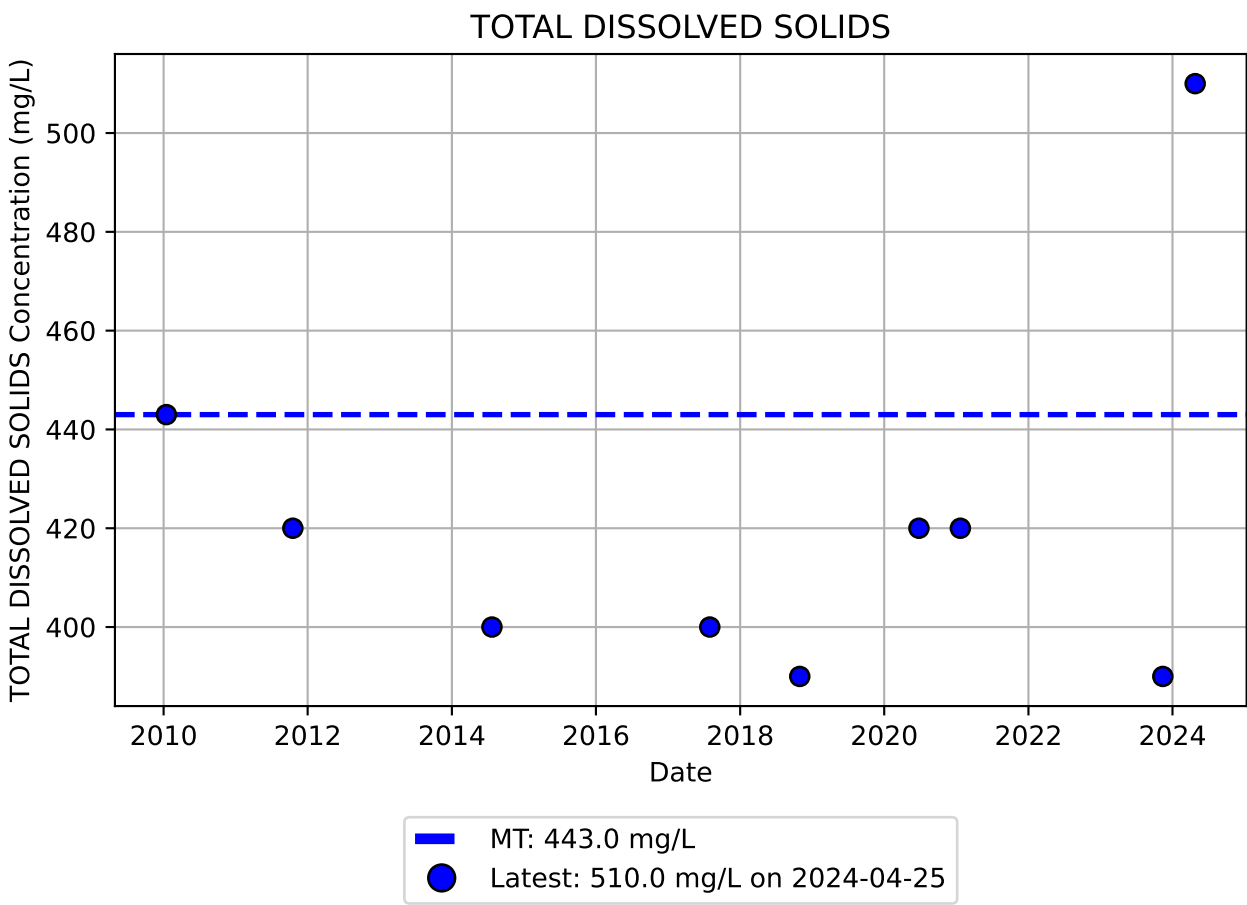
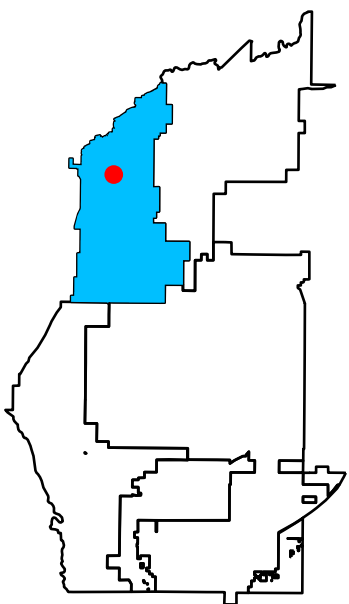
Water Quality RMS Well 1610005-020
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



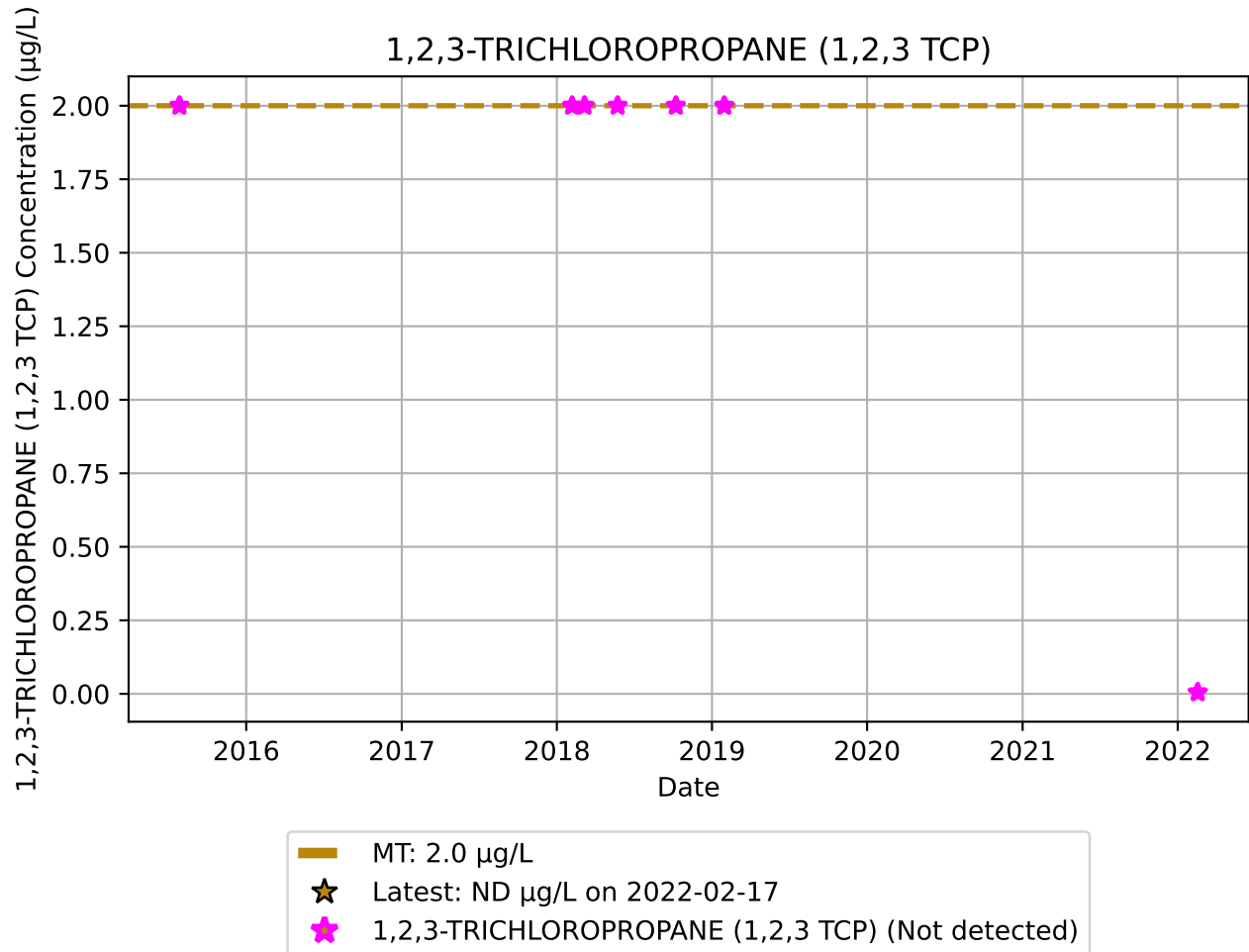
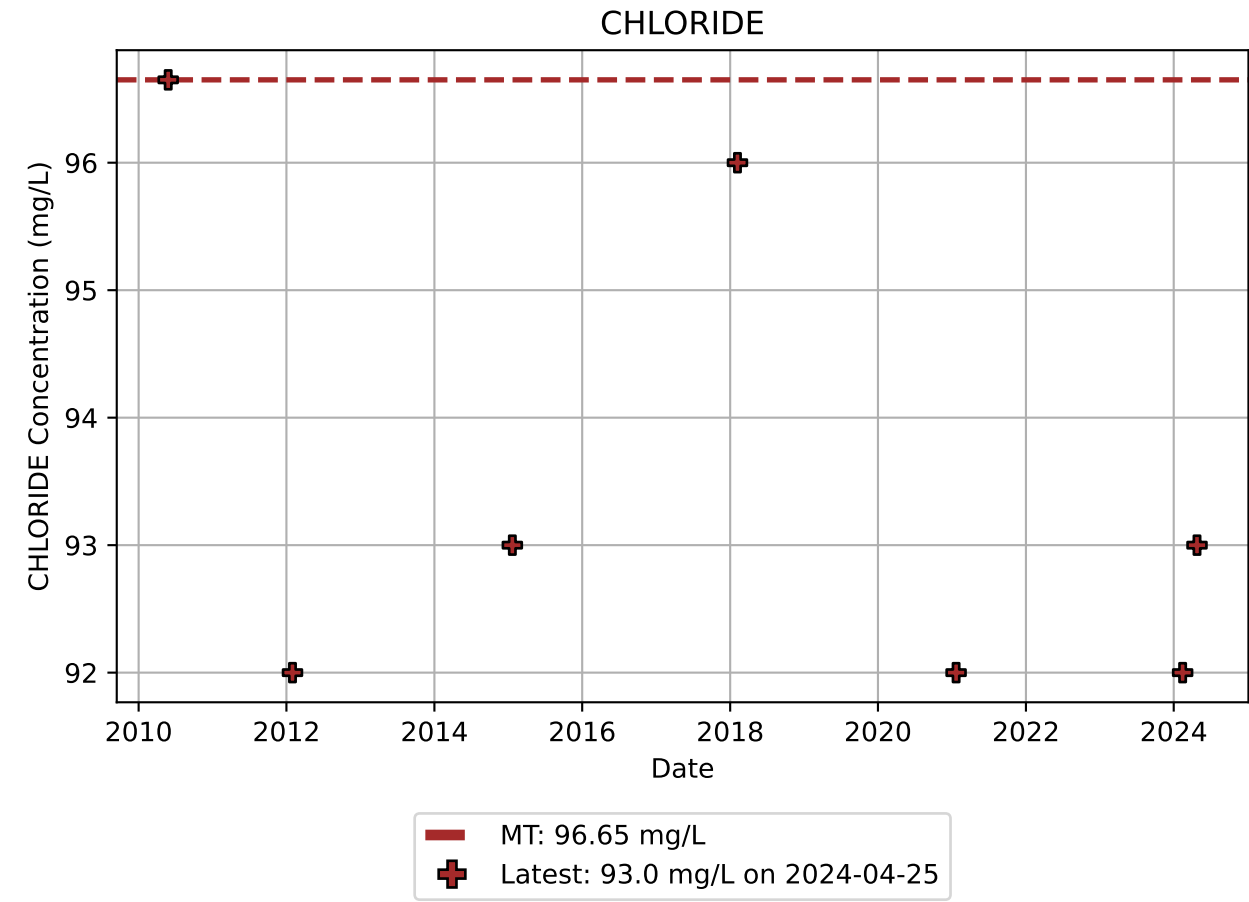
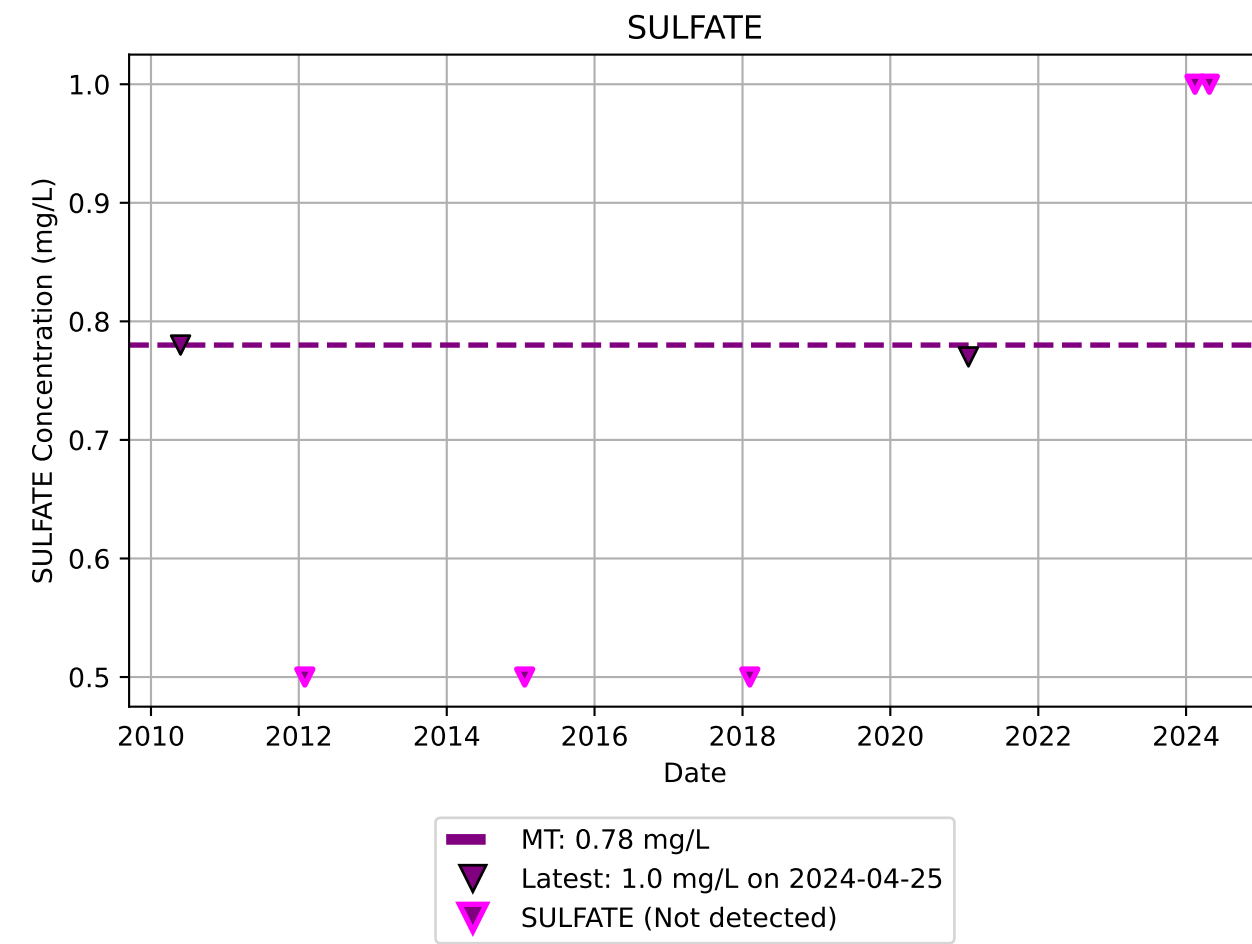
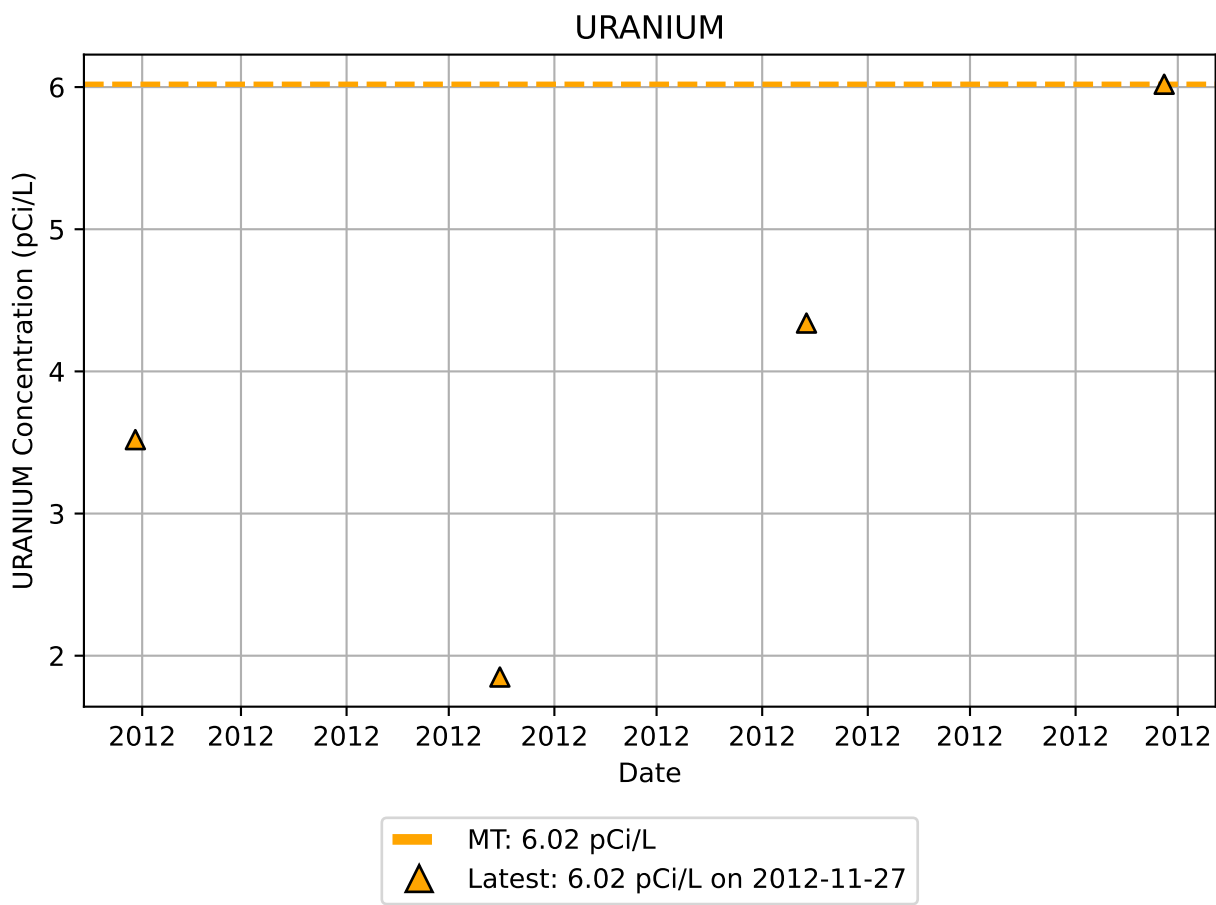
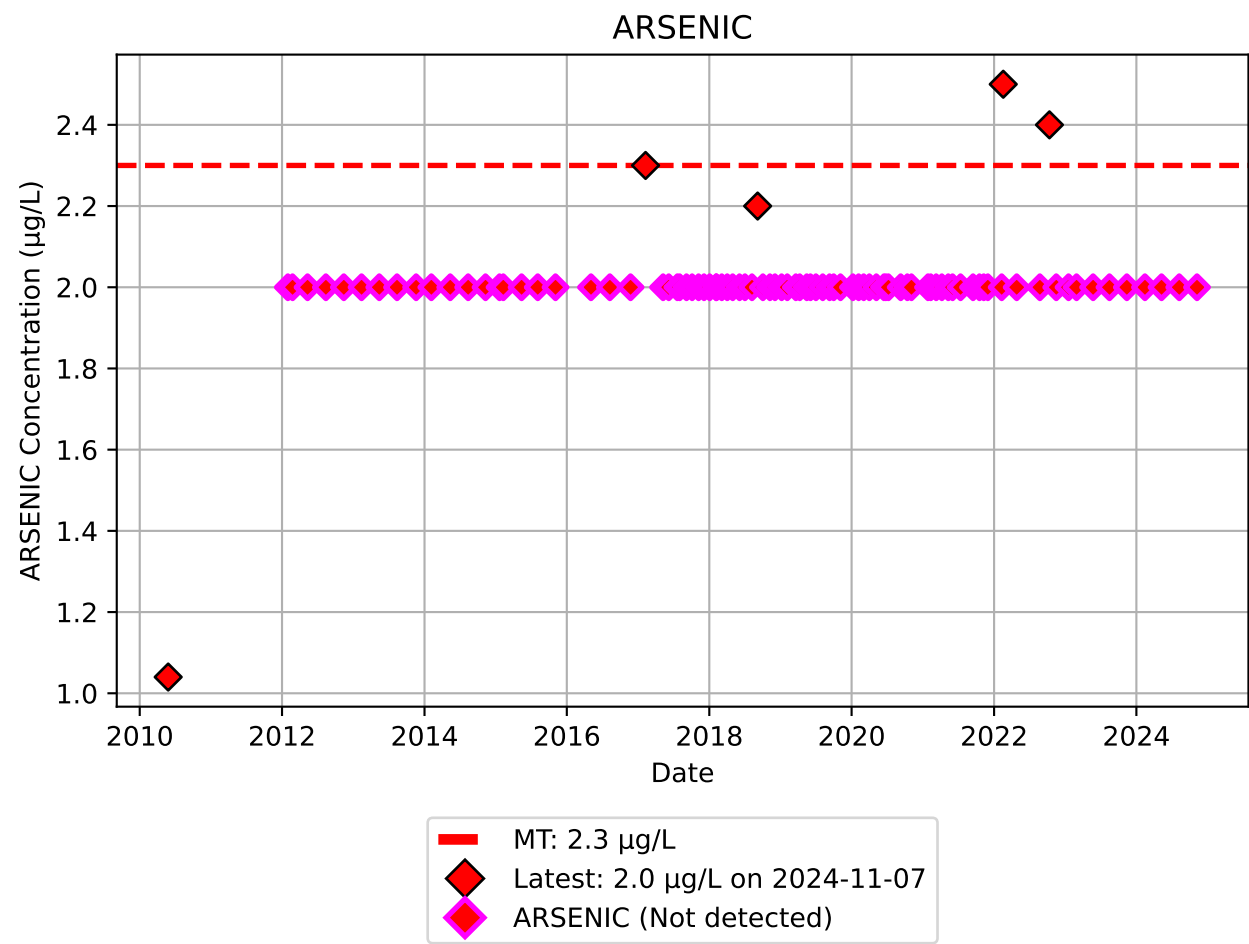
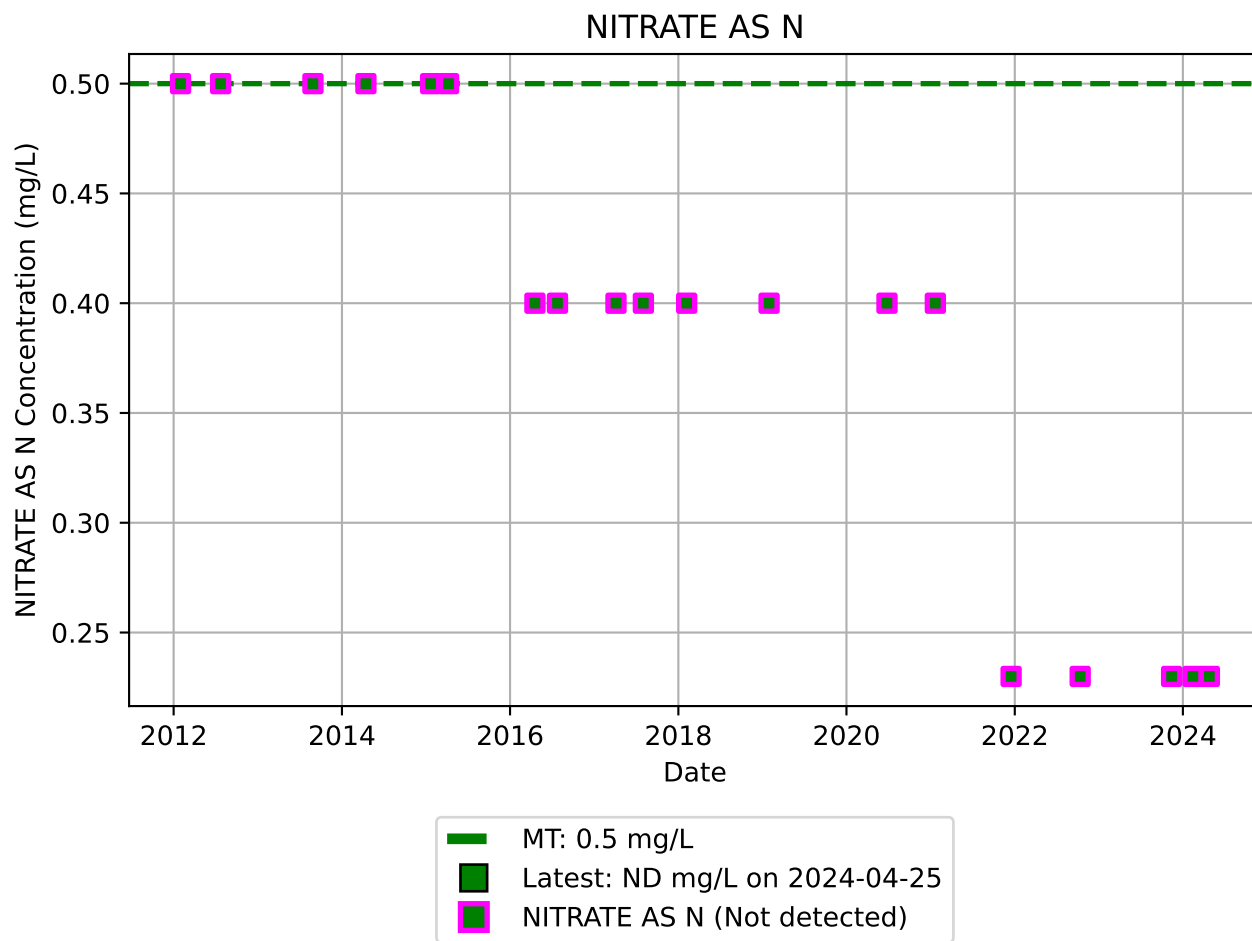
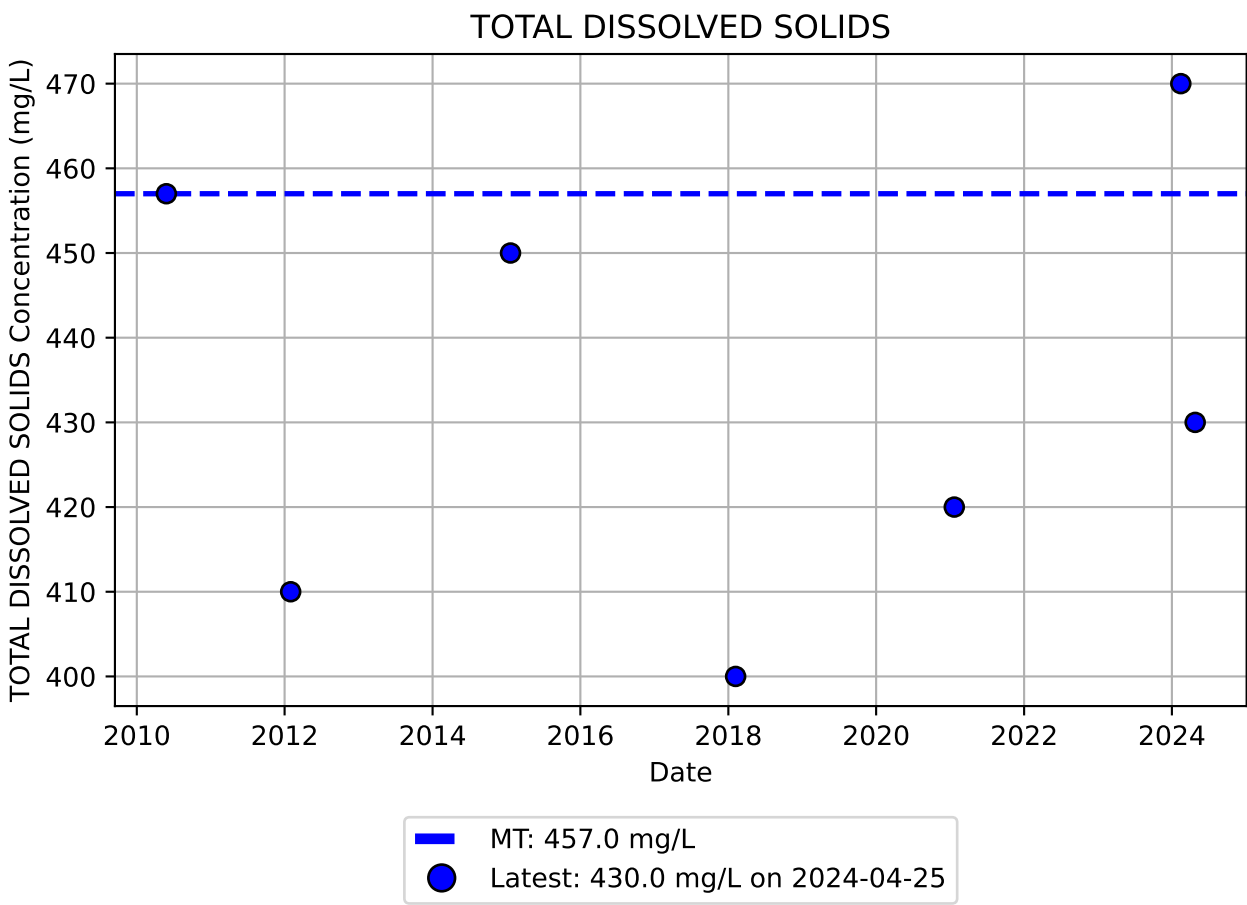
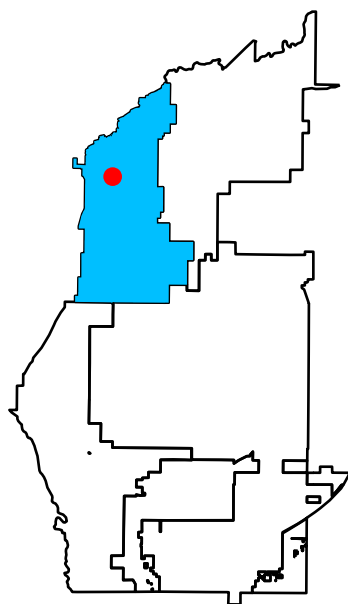
Water Quality RMS Well 1610005-021
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



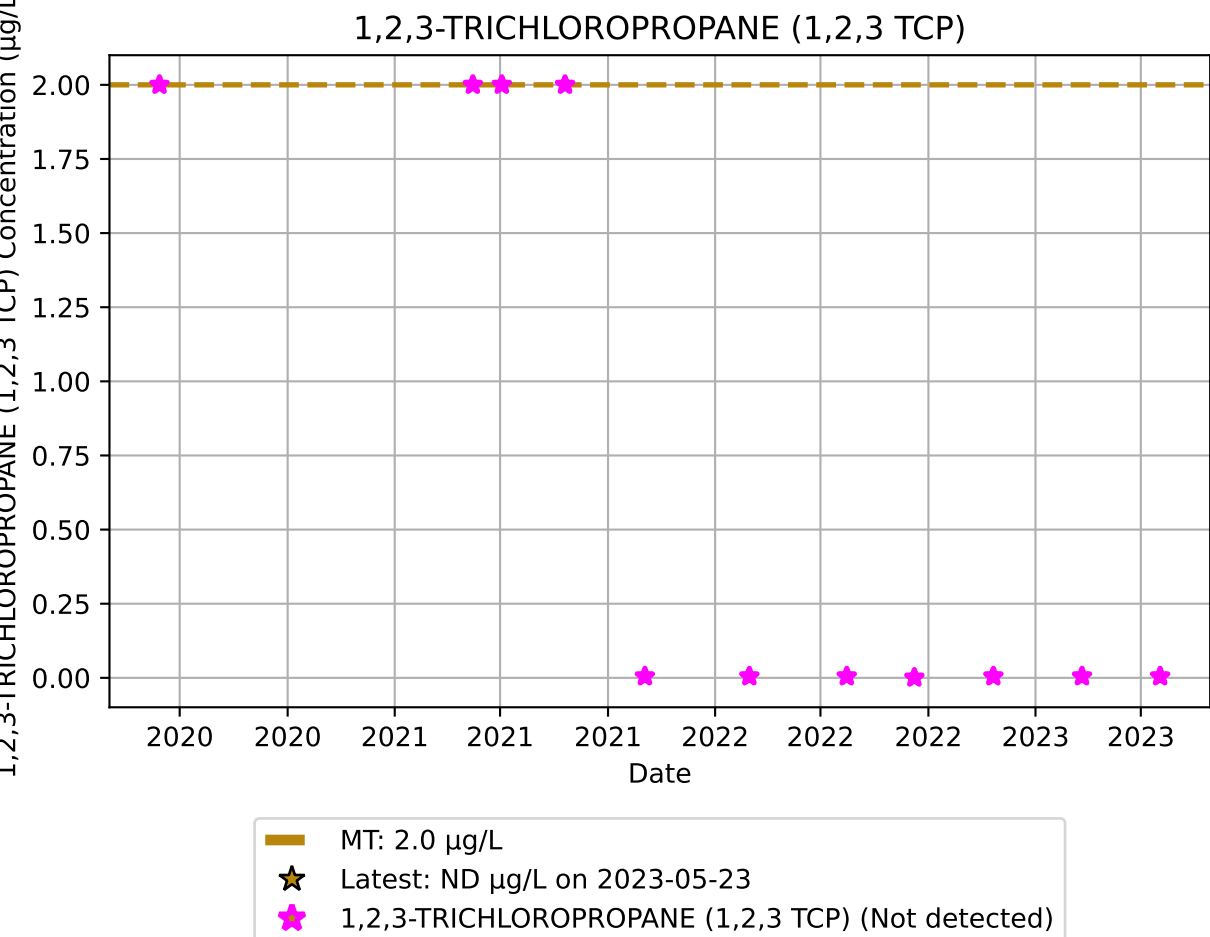
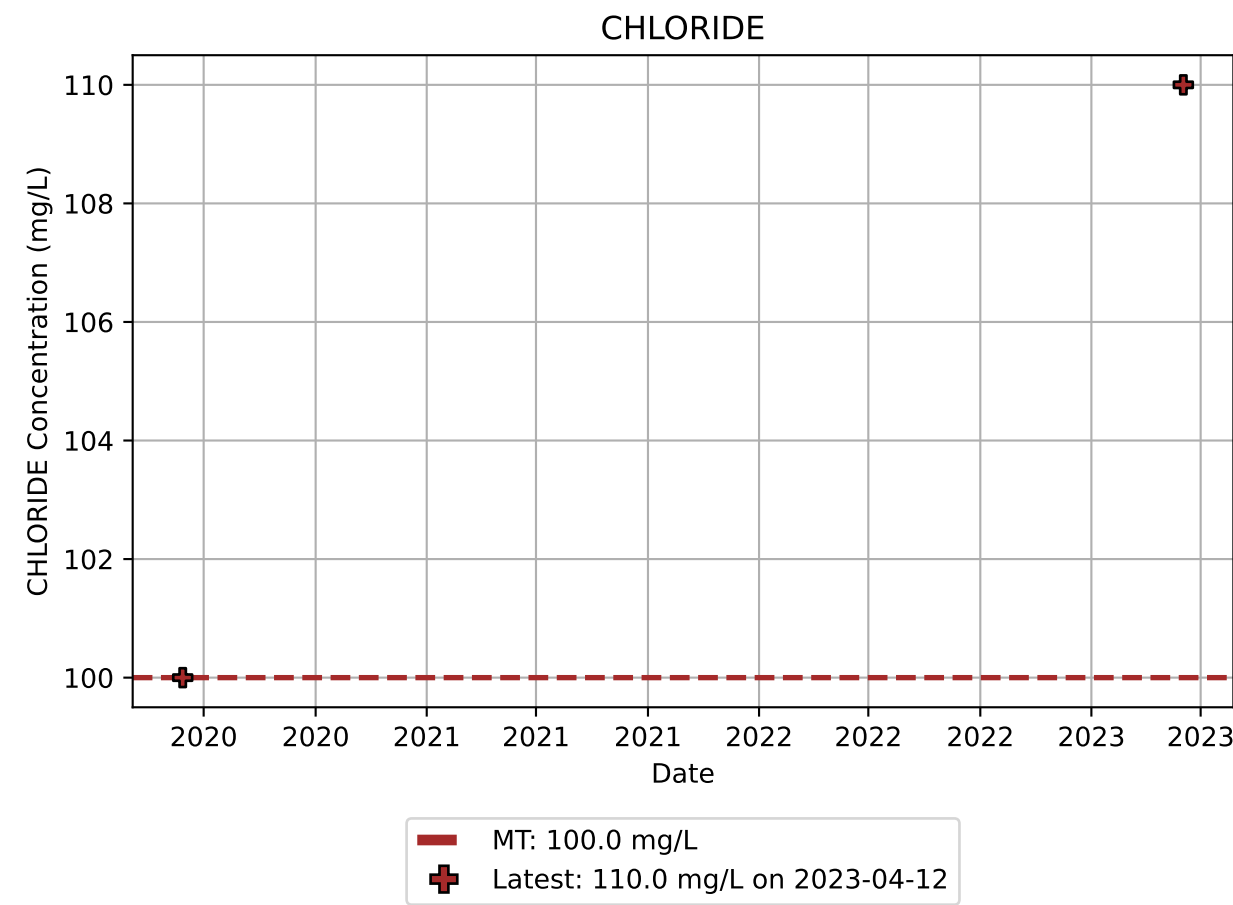
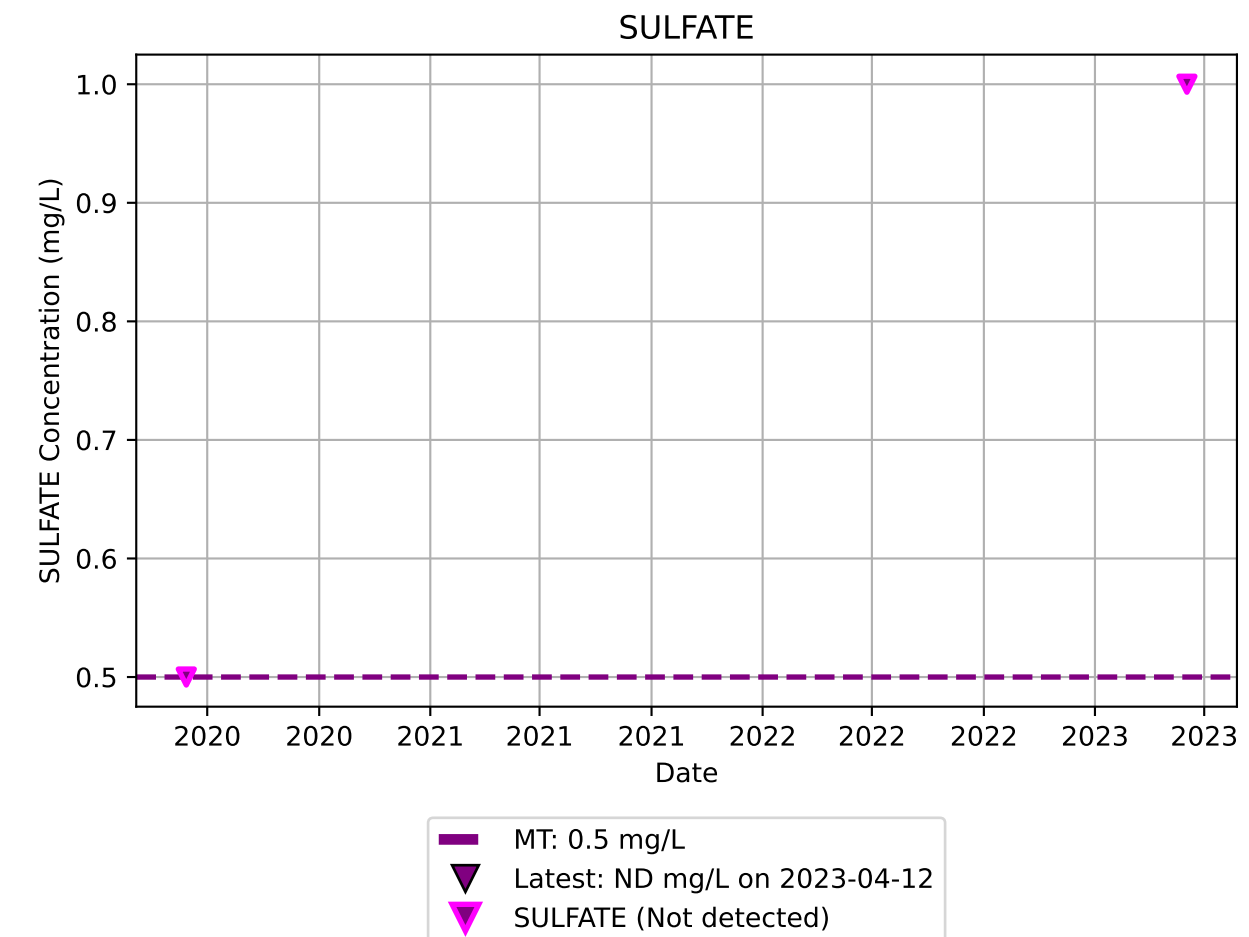
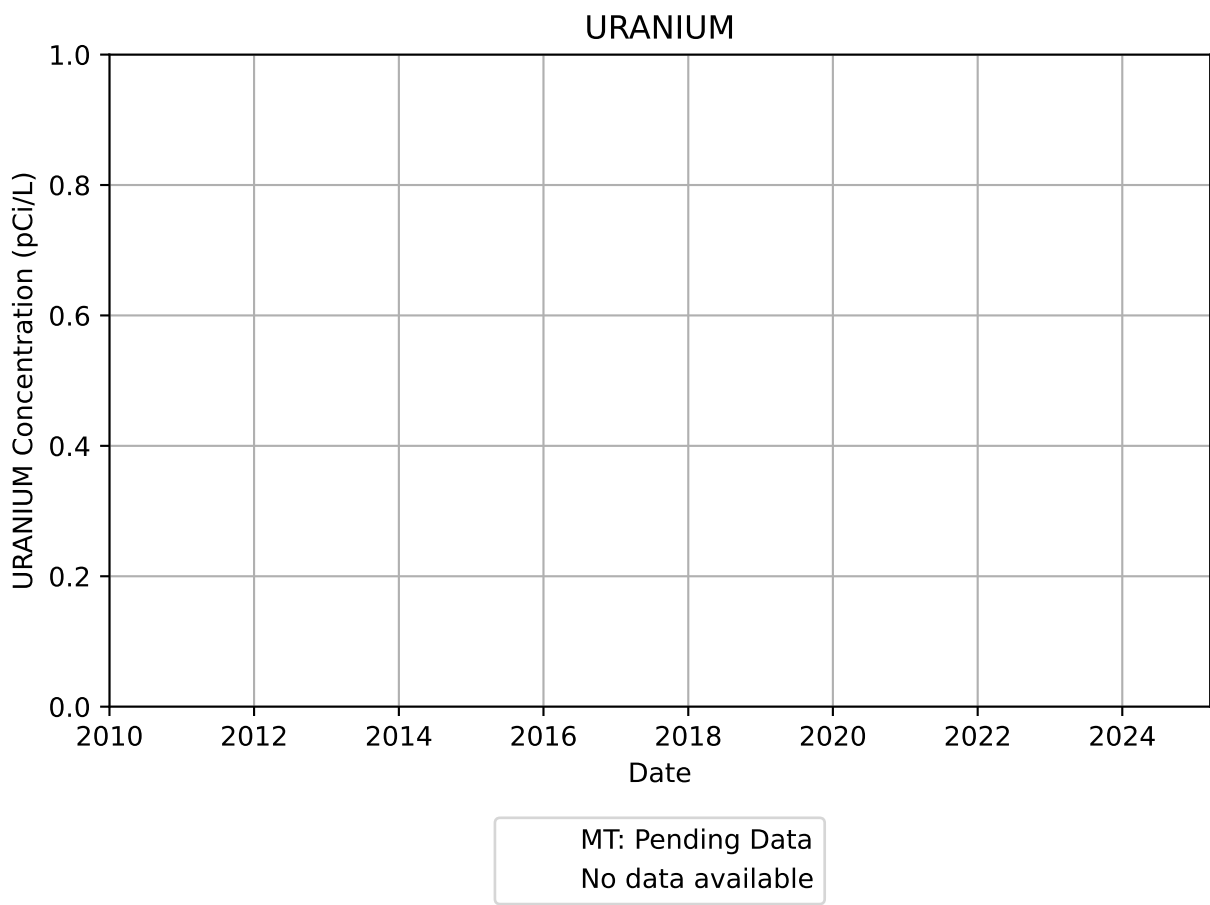
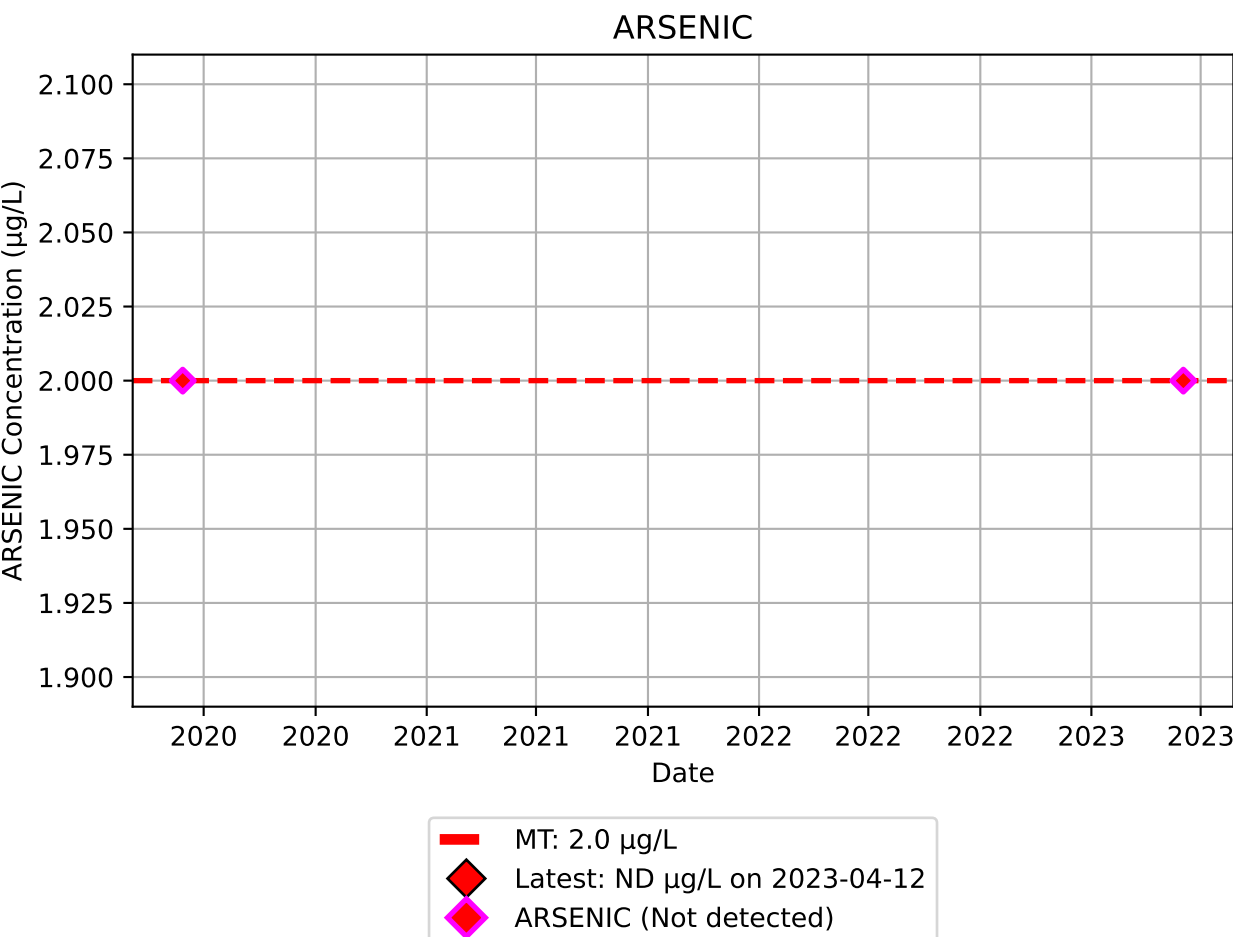
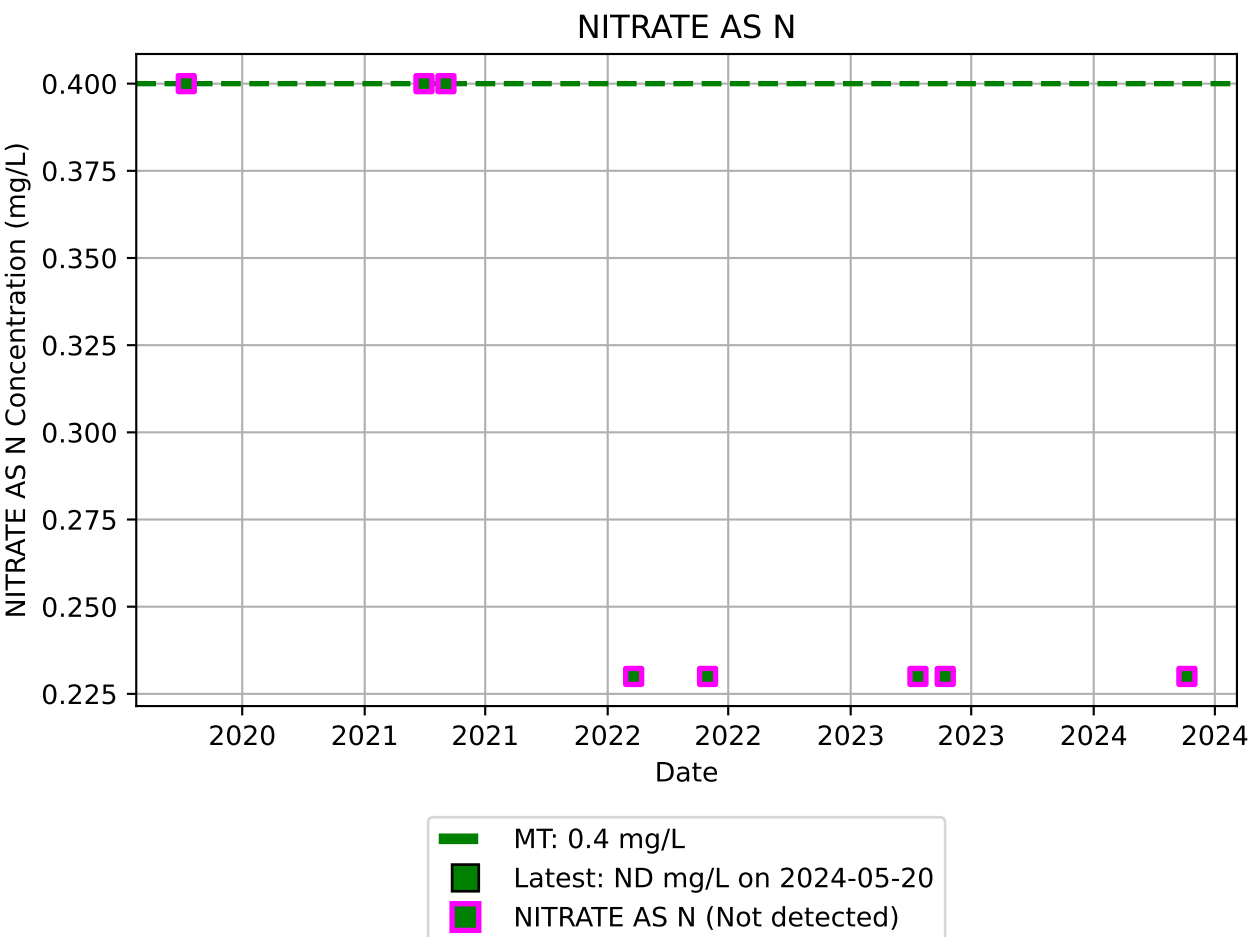
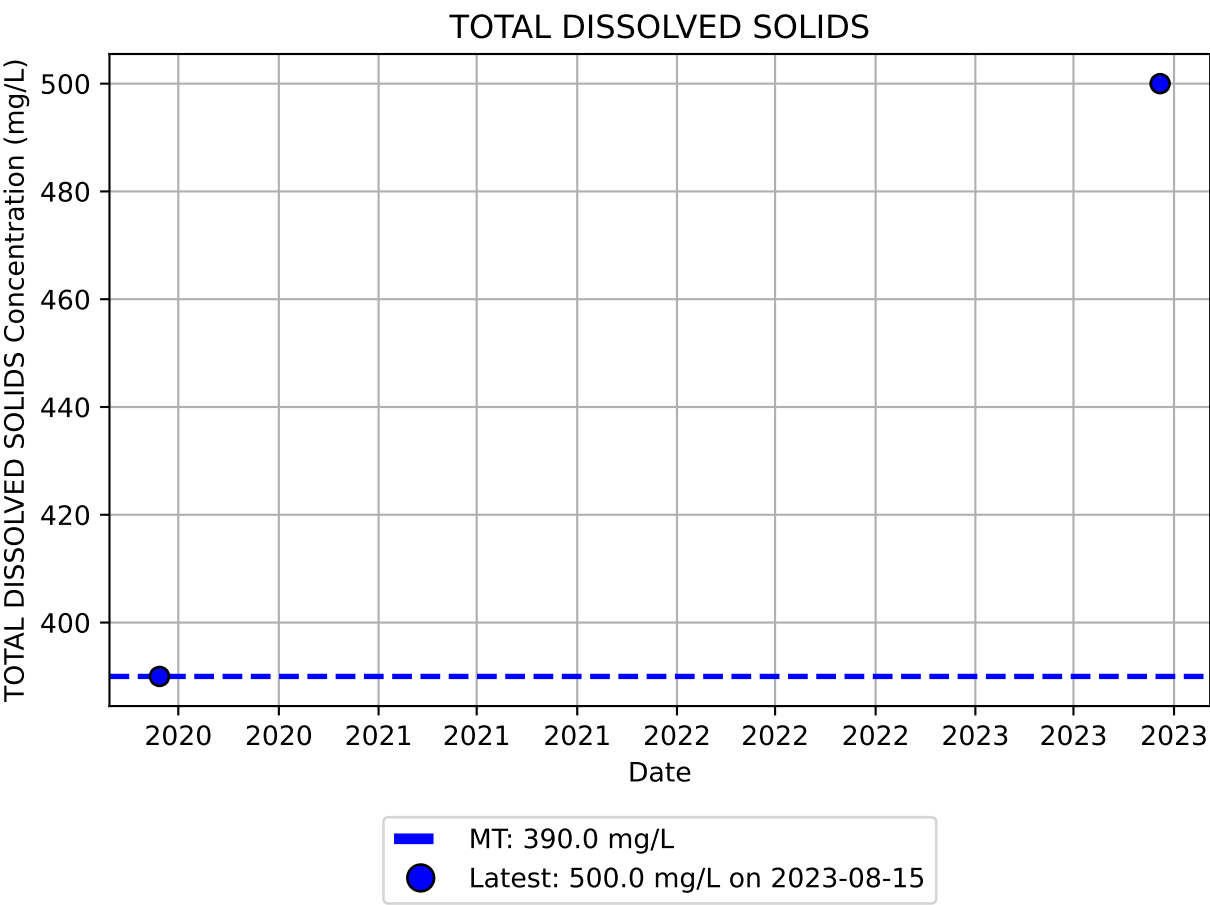
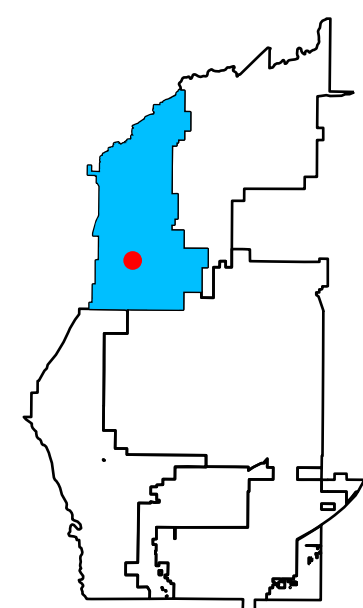
Water Quality RMS Well 1610005-022
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



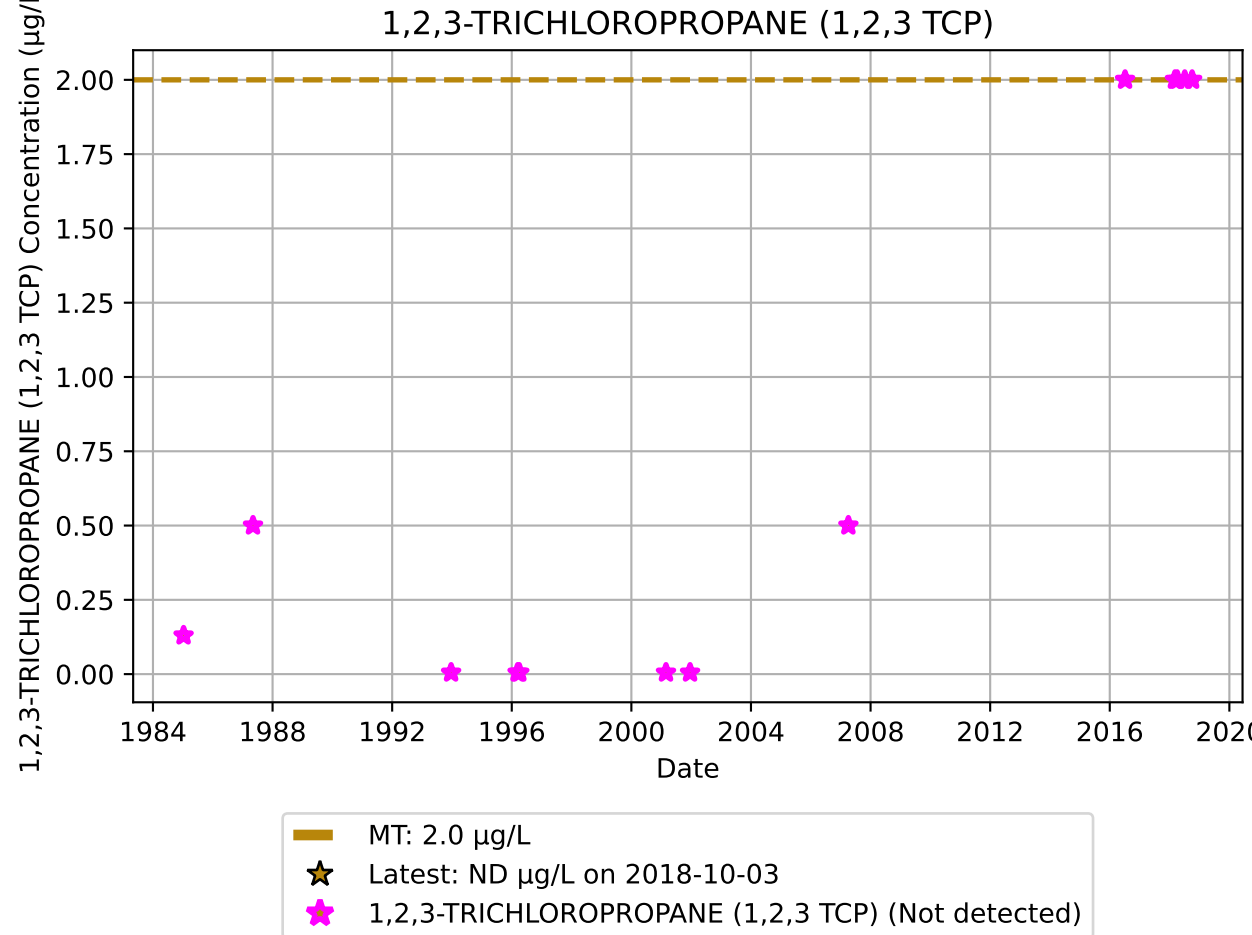
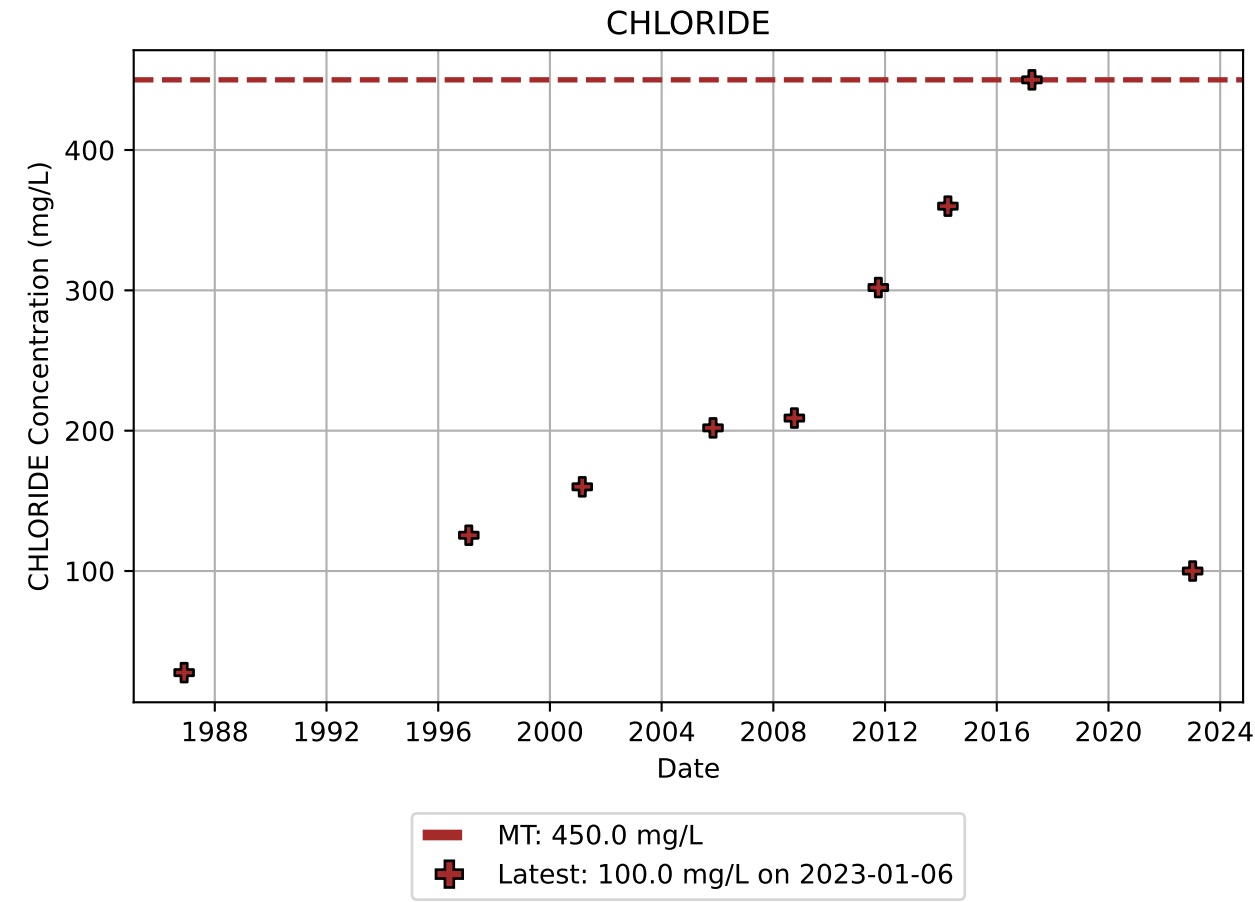
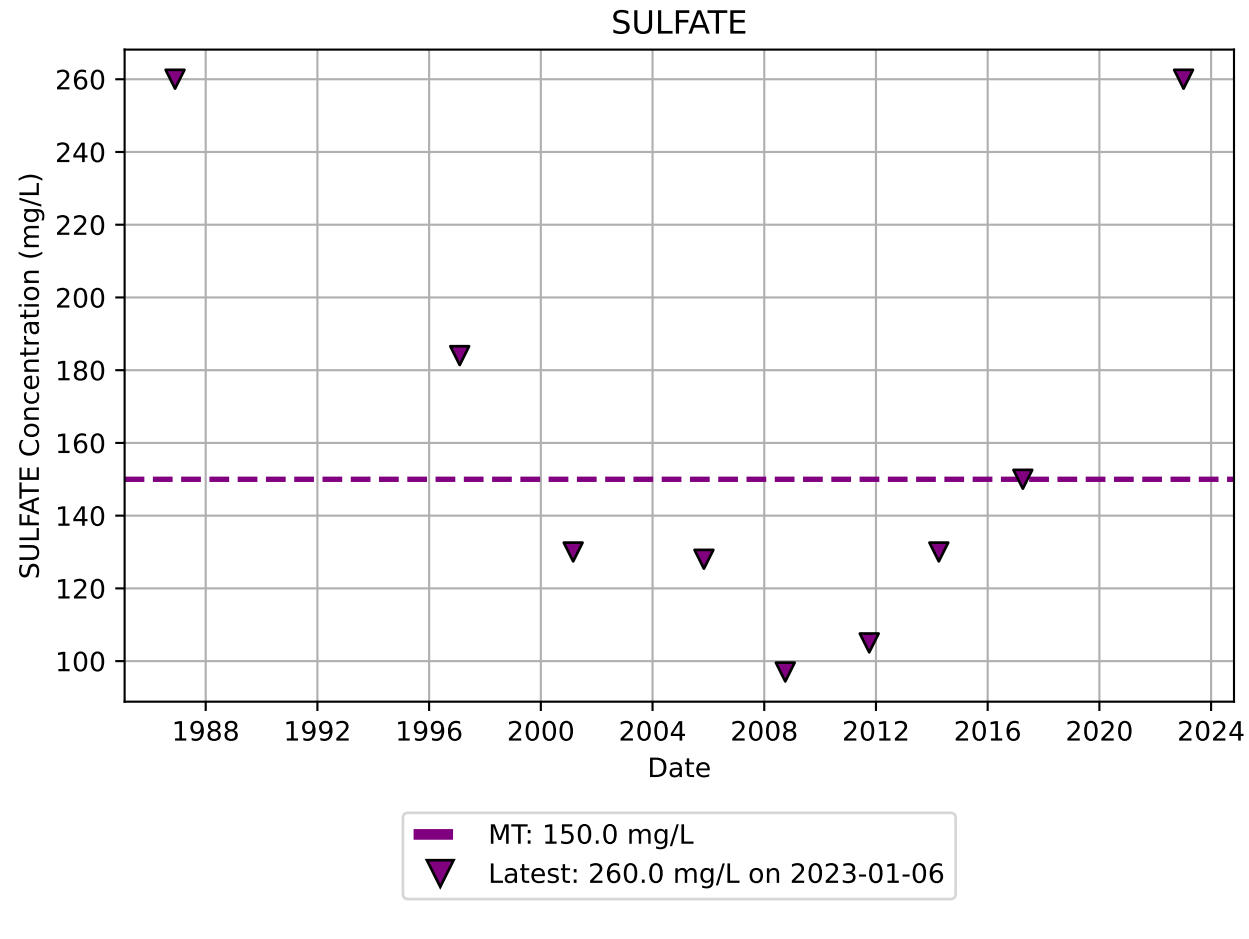
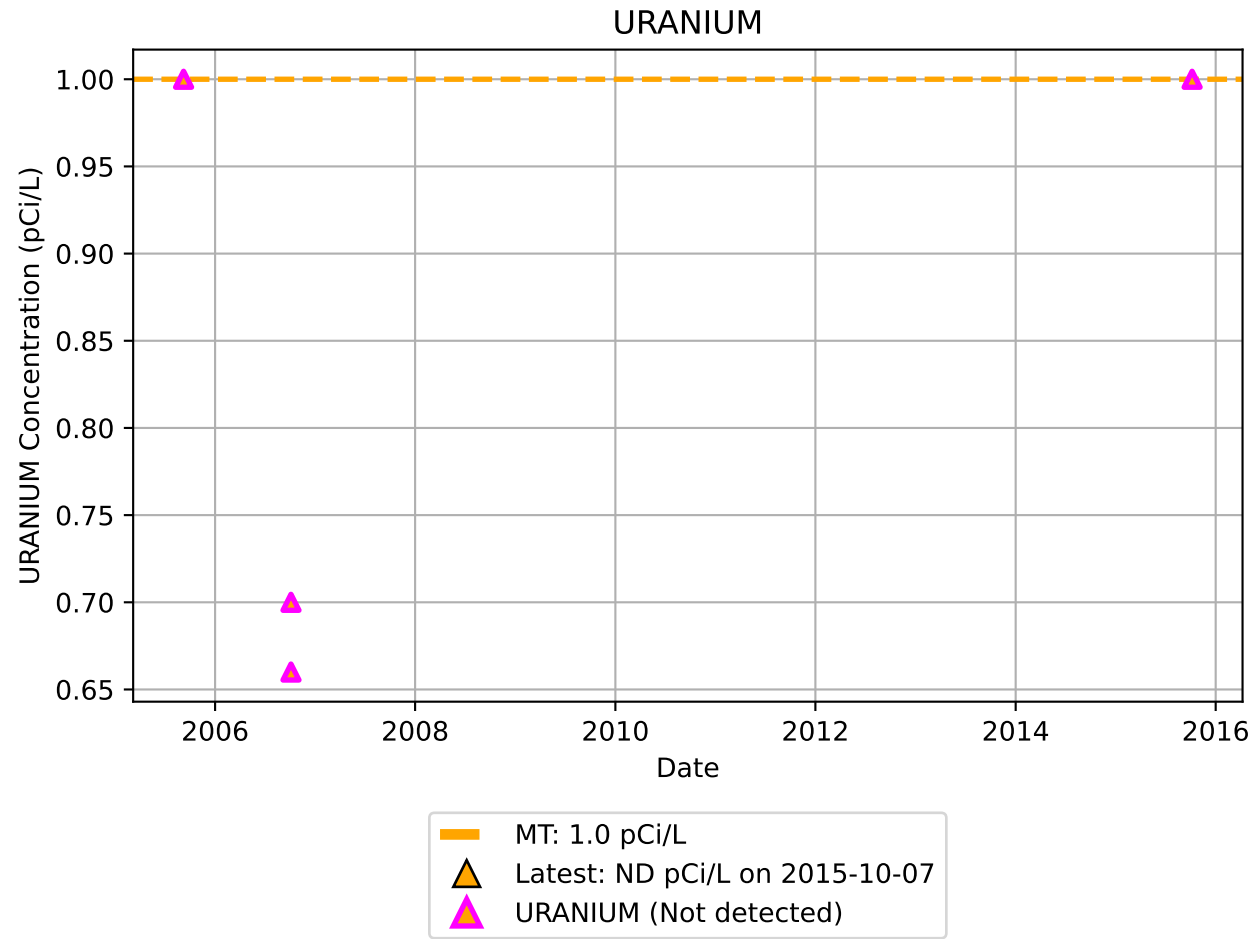
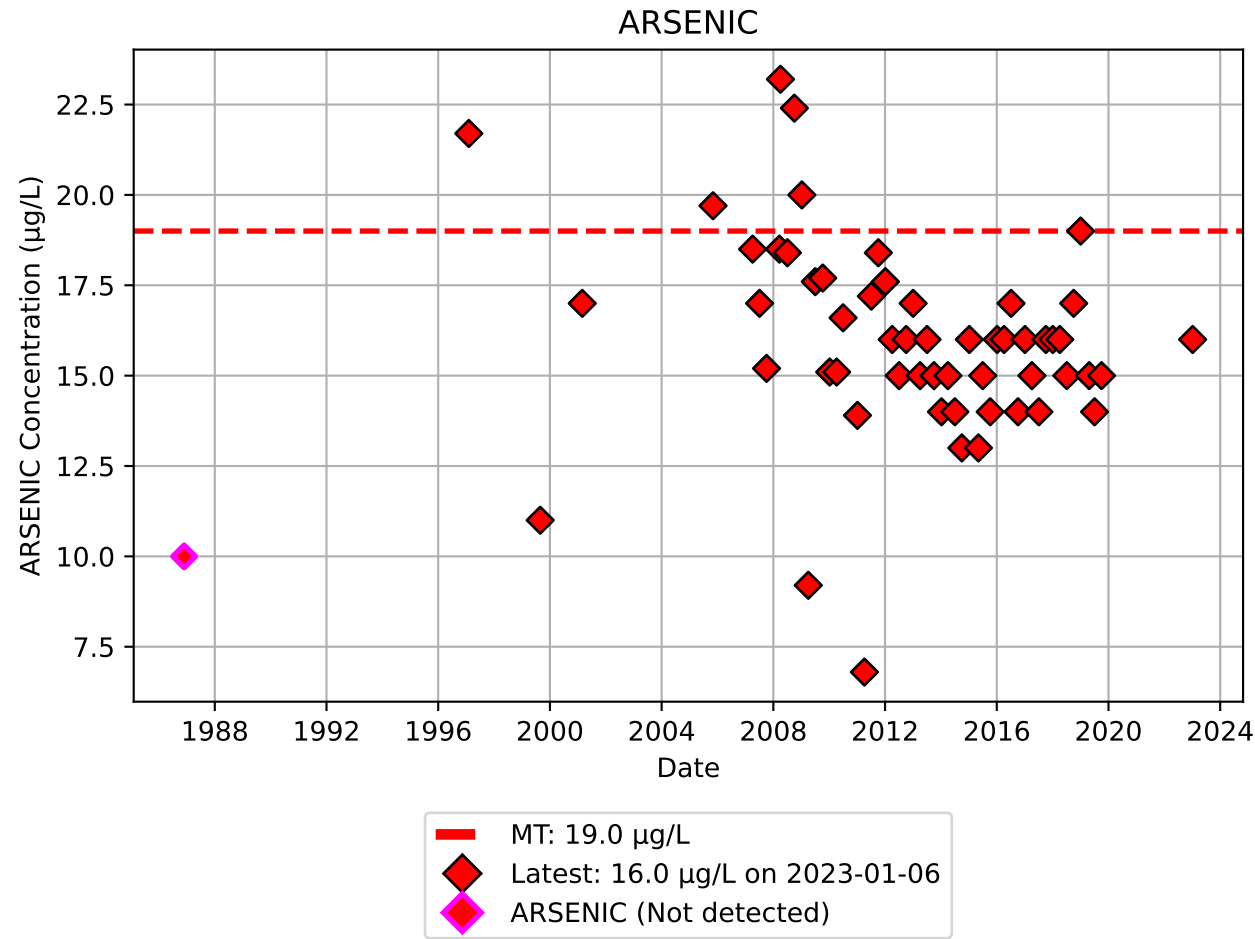
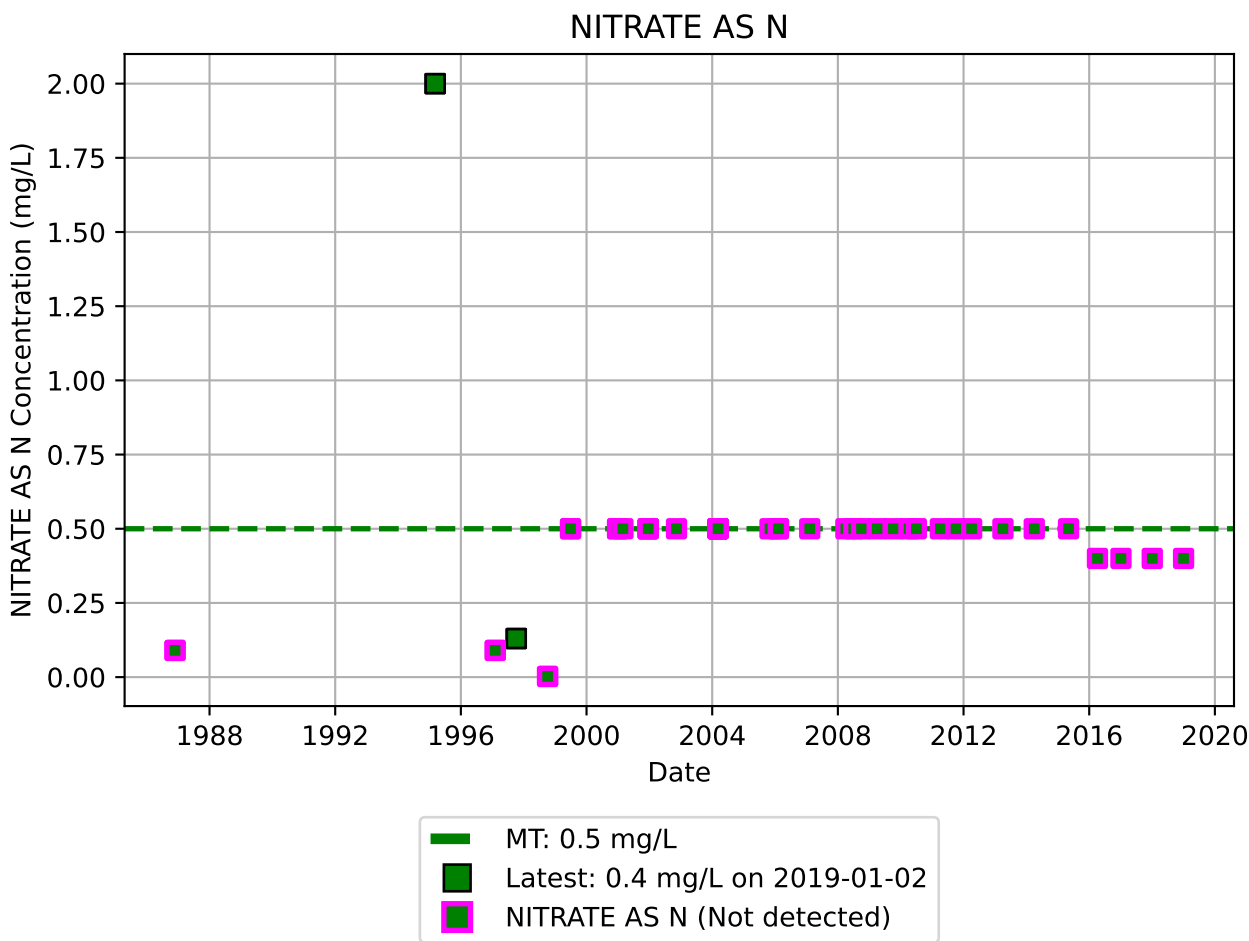
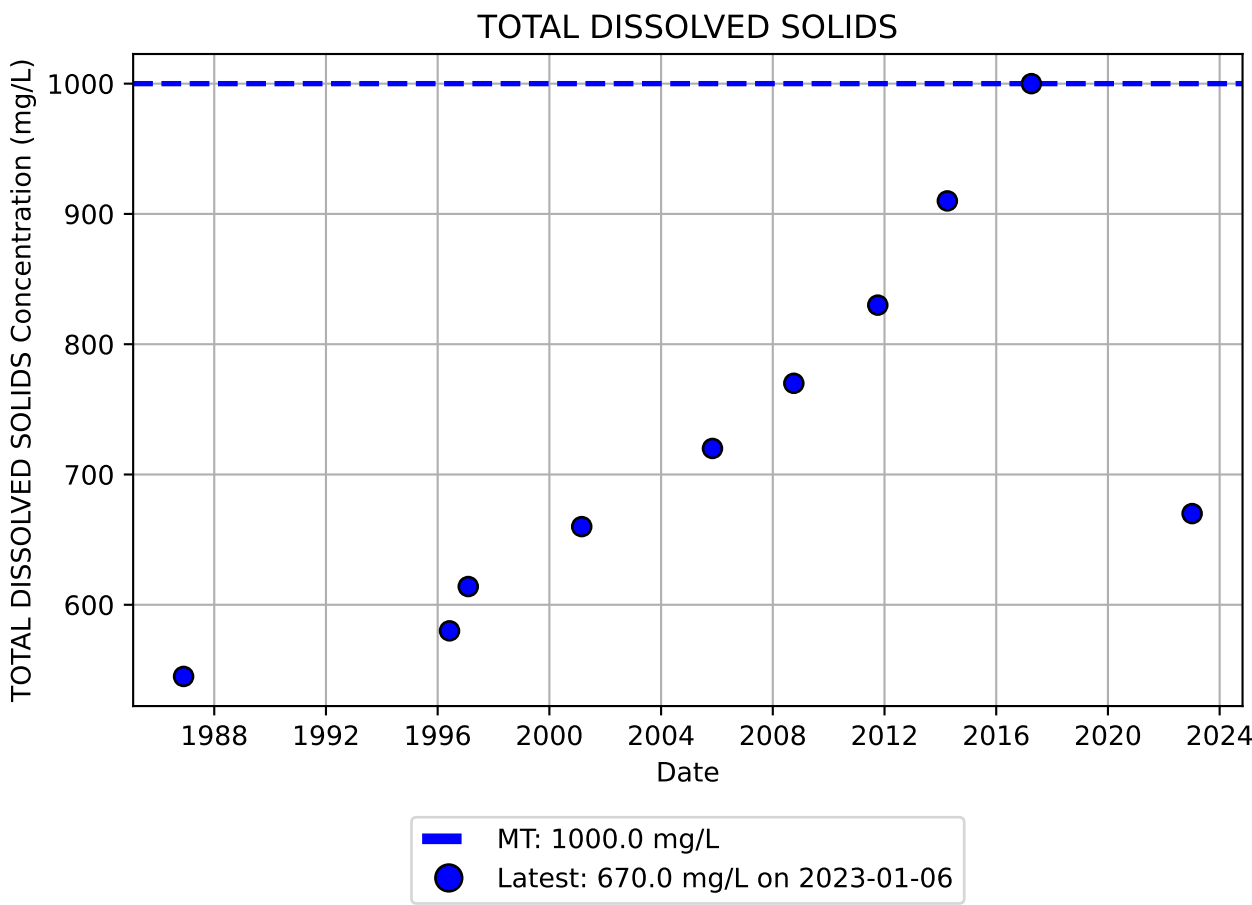
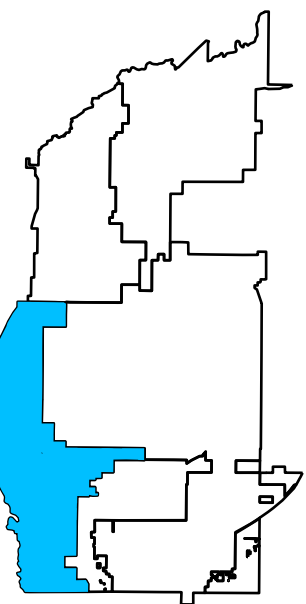
Water Quality RMS Well 1610006-007
South Fork Kings GSA
Screened in the C-Zone aquifer

RMS well location
in South Fork Kings GSA



Water Quality RMS Well 1610009-003
Southwest Kings GSA
Screened in the B-Zone aquifer

RMS well location
in Southwest Kings GSA



Appendix E

Land Subsidence Data

Table E-1

Land Subsidence RMS Monitoring Network

Appendix E - Land Subsidence Data
Tulare Lake Subbasin
Water Year 2024 Annual Report

GSA	Subsidence RMS Station ID	Latitude	Longitude	Station Type	Fall 2022 to Fall 2023 (feet)	Fall 2023 to Fall 2024 (feet)
El Rico	SUB083	36.036209	-119.571581	benchmark surveyed	Missing data	-0.548
	SUB109	36.123381	-119.698447	benchmark surveyed	Missing data	-0.249
	SUB110	36.079606	-119.771000	benchmark surveyed	Missing data	-0.263
	SUB093	35.887869	-119.525004	benchmark surveyed	+0.0694	-0.220
	SUB125	36.137720	-119.585053	benchmark surveyed	-0.2320	-0.259
	CRCN	36.113986	-119.568034	Continuous GPS	-0.0719	-0.100
	S238	36.123351	-119.574423	benchmark surveyed	Missing data	Missing data from WY 23
	S234P2	36.182147	-119.600168	benchmark surveyed	Missing data	Missing data from WY 23
	SUB139	35.862370	-119.573494		Missing data	Missing data from WY 23
	SUB143	36.042594	-119.642907		Missing data	Missing data from WY 23
Mid-Kings River	K021	36.401405	-119.580471	benchmark surveyed	-0.013	Missing data
	S224P2	36.327939	-119.595252	benchmark surveyed	-0.1210	Missing data
	S222R	36.357226	-119.583544	benchmark surveyed	Missing data	Missing data
	SUB032	36.327500	-119.647222	benchmark surveyed	-0.5350	-0.551
	SUB111	36.313418	-119.736111	benchmark surveyed	-0.5136	-0.610
	SUB068	36.313611	-119.735556	benchmark surveyed	Missing data	Missing data from WY 23
	N 460 RESET	36.313889	-119.722222	benchmark surveyed	Missing data	Missing data from WY 23
	X 931	36.323182	-119.709159	benchmark surveyed	Missing data	Missing data from WY 23
	SUB091	36.327222	-119.645833	benchmark surveyed	Missing data	Missing data from WY 23
	U 808	36.328056	-119.609167	benchmark surveyed	Missing data	Missing data from WY 23
	U 511	36.328094	-119.625146	benchmark surveyed	Missing data	Missing data from WY 23
	X 511	36.342778	-119.645833	benchmark surveyed	Missing data	Missing data from WY 23
	SUB137	36.390352	-119.618945		Missing data	-0.417
	SUB138	36.379117	-119.619106		Missing data	-0.630
South Fork Kings	SUB028	36.255639	-119.859718	benchmark surveyed	-0.4883	-0.112
	SUB086	36.362590	-119.809092	benchmark surveyed	-0.3553	-0.331
	SUB102	36.189496	-119.845100	benchmark surveyed	-0.2225	+0.036
	SUB061	36.172256	-119.815929	benchmark surveyed	-0.2109	-0.036
	LEMA	36.292025	-119.782390	Continuous GPS	-0.2712	-0.114
Southwest Kings	SUB027	35.992608	-119.959281	benchmark surveyed	+0.1384	-0.338
	SUB030	35.857055	-119.891512	benchmark surveyed	+0.0972	-0.052
	SUB076	35.789925	-119.869016	benchmark surveyed	+0.1473	+0.111
	U 1097	35.978890	-119.951390	benchmark surveyed	Missing data	Missing data from WY 23
	SUB144	36.137936	-119.892533		Missing data	Missing data
Tri-County Water Authority	SUB107	35.934045	-119.754114	benchmark surveyed	-0.4022	-0.489
	SUB038	35.933210	-119.756113	benchmark surveyed	+0.0529	-0.370
	SUB124	35.934116	-119.645005	benchmark surveyed	-0.2692	-0.131
	SUB140	35.789746	-119.575621		Missing data	Missing data

Notes

Subsidence benchmark stations are surveyed annually in the fall.

Continuous GPS stations record vertical changes every hour.

Missing data = indicates that the measurement from either the previous fall season or the reporting year fall season is unavailable.

