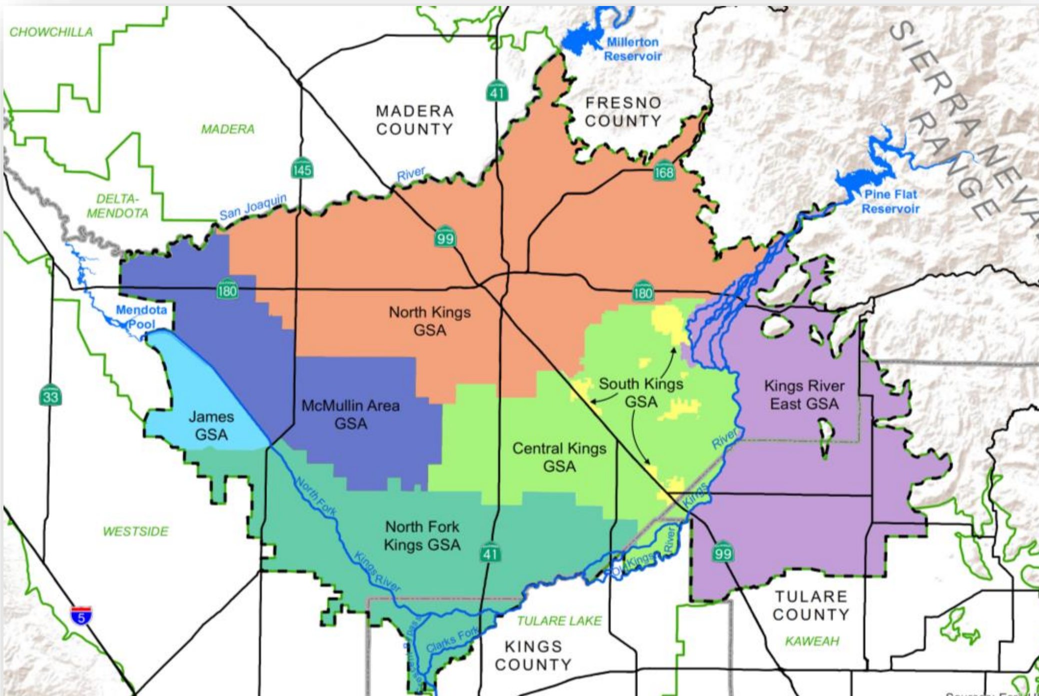
Kings Subbasin
Groundwater Sustainability Agencies



Groundwater Sustainability Annual Report
Water Year 2023

April 2024

Table of Contents

List of Tables

List of Figures

Appendices

Abbreviations

AF .... Acre-Foot
AF/YR .... Acre-Foot Per Year
Coalition .... Kings River Water Quality Coalition
CVDRMP .... Central Valley Dairy Representative Monitoring Program
CVP .... Central Valley Project
DWR .... Department of Water Resources
EDT .... Electronic Data Transfer
ET .... Evapotranspiration
FID .... Fresno Irrigation District
GAMA .... Groundwater Ambient Monitoring and Assessment
GSA .... Groundwater Sustainability Agency
GSP .... Groundwater Sustainability Plan
ILRP .... Irrigated Lands Regulatory Program
JID .... James Irrigation District
KRCD .... Kings River Conservation District
KRWQC .... Kings River Water Quality Coalition
NGS .... National Geodetic Survey
SGMA .... Sustainable Groundwater Management Act

Executive Summary

This is the annual report prepared for the Kings Subbasin (or Basin) for Water Year 2023. The Kings Subbasin has seven Groundwater Sustainability Agencies (GSAs) (see **Figure** 1-1), all of whom prepared and submitted individual Groundwater Sustainability Plans (GSPs). The seven GSAs have worked cooperatively since 2016 to coordinate the development of their GSPs and have jointly prepared this single annual report for the entire Kings Subbasin. The Kings Basin GSPs were approved in March 2023, and received its approval letter from DWR in August 2023. The basin is working on recommended corrective actions to its GSPs, as well as continuing to implement projects including a significant amount of acreage of recharge basins.

This report has been prepared in accordance with the requirements for annual reports as identified in the GSP Regulations (i.e., California Code of Regulations section on Groundwater Sustainability Plans, § 356.2. Annual Reports) and the October 2023 Guide to Annual Reports, Periodic Evaluations, & Plan Amendments from DWR. Included in the body of the report are the regulation requirements. The outline of this report is similar to the structure headings used in the common outline used for each of the GSPs within the basin. The following is a short listing of what is included in each of the sections:

- Section 1 Introduction – A brief introduction of the intent and purpose of this report.
- Section 2 Land Use – A description of recent available land use data used in the report for the estimation of groundwater pumping.
- Section 3 Groundwater Pumping – An estimation of the GW pumping within the basin and a description of how the estimation was calculated.
- Section 4 Sustainable Management Criteria – A update as to the status of each of the Sustainability Indicators applicable to the basin, including groundwater levels (hydrographs and contours), estimation of groundwater storage change, groundwater quality data, land subsidence and surface to groundwater interconnection.
- Section 5 Monitoring Network – A description of any changes or problems with the monitoring network.
- Section 6 Projects and Management Actions – An update of project and management actions undertaken during the reporting period.
- Section 7 Addressing Recommended Corrective Actions – An update on the status of addressing the recommended corrective actions to the GSP.

The period covered by this report is October 1, 2022 through September 30, 2023, referred to herein as Water Year 2023, however there are portions of the report that cover the period from 2015 to 2023. After 3 years of below average surface water deliveries, water year 2023 provided more than 150% of average annual surface water supply. While 2023 provided about 700,000 acre-feet more surface water than normal, the three prior years combined accounted for about 1.8 million acre-feet less surface water than normal. There are no wells within the basin that have declined below water level minimum thresholds, however the basin continues to monitor water levels closely in relation to interim milestones. More discussion on interim milestones is included in Section 4.2.

There were water quality minimum threshold exceedances in 5 wells within the basin. Minimum Threshold exceedances in four of these wells appear intermittent at this time and it is unknown if the higher reported concentrations in these wells are representative of trending water quality. Future annual groundwater quality data will inform the Subbasin of the need to conduct site-specific investigations to assess if GSA actions have contributed to groundwater quality degradation in these four wells. A more detailed discussion of water quality sustainable management criteria is included in Section 4.5.

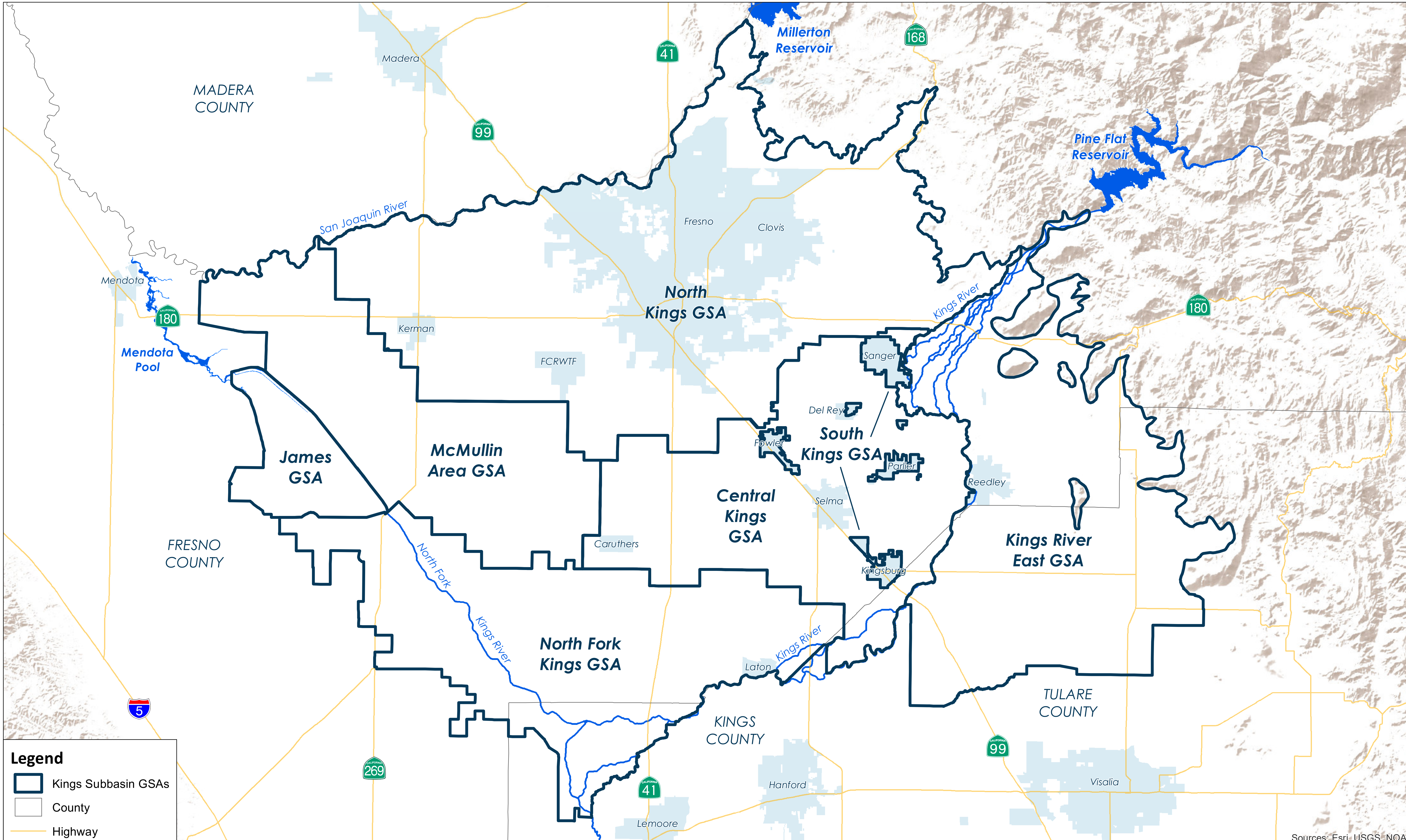
1 Introduction

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

The Sustainable Groundwater Management Act (SGMA) requires groundwater sustainability agencies (GSAs) to submit annual reports to DWR by April 1 each year following adoption of a groundwater sustainability plan (GSP). This is the annual report prepared for the Kings Subbasin for Water Year 2023. The Kings Subbasin has seven Groundwater Sustainability Agencies (GSAs) (see **Figure** 1-1), all of whom prepared and submitted individual Groundwater Sustainability Plans (GSPs). The seven GSAs have worked cooperatively since 2016 to coordinate the development of their GSPs and have jointly prepared this single annual report for the entire Kings Subbasin.

This report has been prepared in accordance with the requirements for annual reports as identified in the GSP Regulations (i.e., California Code of Regulations section on Groundwater Sustainability Plans, § 356.2. Annual Reports) and the October 2023 Guide to Annual Reports, Periodic Evaluations, & Plan Amendments from DWR. GSP annual reports provide information on groundwater conditions and implementation of the plan for the prior water year. The period covered by this report is October 1, 2022 through September 30, 2023, referred to herein as Water Year 2023, however there are portions of the report that cover the period from 2015 to 2023.

The structure of this annual report is similar to the common heading structure used for all of the GSPs in the basin. For additional clarification or information on the basin plan area or conditions, please refer to the GSPs. As acknowledged by the Department of Water Resources, 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 decision making.



Groundwater Sustainability Agencies

Kings Subbasin Coordinated Effort

Figure 1-1

PROVOST & PRITCHARD

3/18/2024 G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\Annual Report\Kings_GSAs.mxd

2 Land Use and Surface Water Supplies

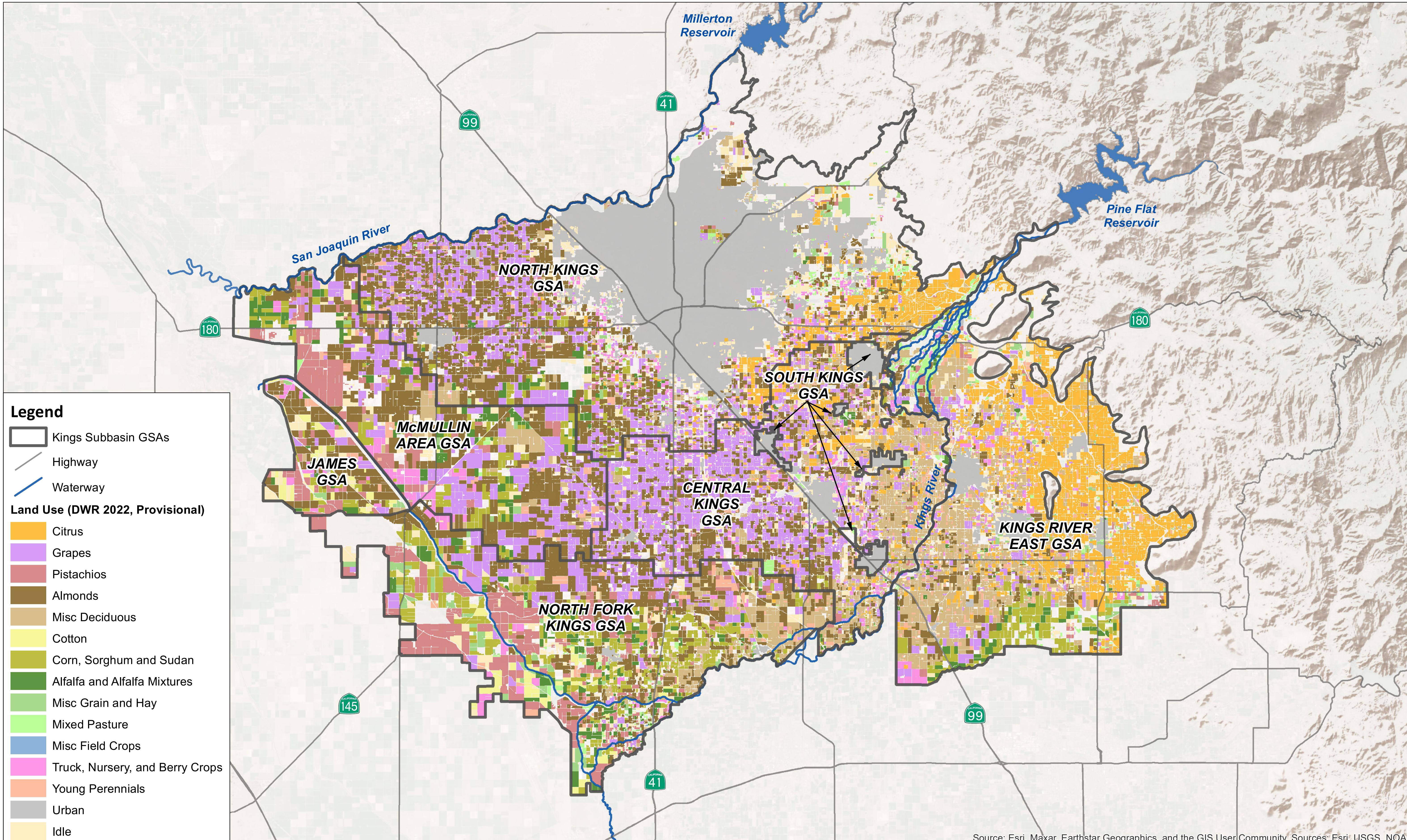
> 356.2(b) (3) Surface water supply used or available for use, for groundwater recharge or in-lieu use shall be reported based on quantitative data that describes the annual volume and sources for the preceding water year.

2.1 Overview of Surface Water Supplies in Kings Basin

Surface water in the Kings Basin comes from several sources, including the Kings River and San Joaquin River, with smaller amounts imported from other areas. In general, the Kings River water diverted by the surface water rights holders provides about 85% of the surface water used in the Kings Basin. Central Valley Project water from the Friant Unit comprises about 10% of surface water use. The remaining surface water includes South of Delta CVP water, San Joaquin River Settlement water, and riparian diversions from the Kings and San Joaquin Rivers.

2.2 Recent Land Use Data

Historically, DWR Land Use Maps have been utilized for land use data in the Kings Basin. These maps were used in developing all the Groundwater Sustainability Plans in the Subbasin, and for consistency, were also used in estimating water demands for this report. The most recent publicly available DWR land use mapping was prepared in 2022. This is considered the best available information for 2023. **Figure** 2-1 is the DWR Land Use Map for 2022.



Land Use (DWR 2022, Provisional)

Kings Subbasin Coordinated Effort

Figure 2-1

PROVOST & PRITCHARD

3/18/2024 G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\Water Budget\Land_Use_DWR2022.mxd

Crop water demands for agricultural areas were calculated based on the land use map, estimated evapo-transpiration (ET) rates, and effective precipitation estimates. For consistency with the water budgets prepared for the GSPs, average period crop ET was based on DWR values published in DWR Bulletin 160 (DWR, 2019) for 1998-2011, with these average ET rates adjusted for 2023 based on the reference ET (ETo) measured by the California Irrigation Management Information System (CIMIS) station at Parlier. Effective precipitation was based on an empirical formula from DWR (1989). Annual precipitation contours were generated using data from the PRISM Climate Group at Oregon State University, and the monthly distribution throughout the Basin was assumed to be similar to the long-term monthly distribution at the Fresno Airport Weather Bureau station. The 2023 water year was very wet, resulting in lower than average crop evapotranspiration rates and higher than average effective precipitation.

The 2022 DWR Land Use Map was compared to the 2018 DWR Land Use maps for consistency and changes in land use. The 2018 Land Use Map was used in the 2022 SGMA Annual Report. The total cropped area was reduced by about 7,000 acres, or about 1%. In addition, the mix of cropping changed. Specifically, the area of cotton, grapes, alfalfa, and young perennials decreased, while the area of almonds, pistachios and citrus increased. Similar trends were seen from 2016 to 2018.

2.3 Description of Hydrology for Period

Table 2-1 shows the hydrologic year type for water years 2015 to 2023 based on an index created for the Kings Groundwater Subbasin. The water year types were defined based on percentage of average long-term Kings River diversions to the Kings Subbasin from 1955-2023. The water year types include: Dry (<75%), Normal (75%-125%) and Wet (>125%). This index is used since Kings River water provides the majority of surface water in the Kings Groundwater Subbasin and is considered a good overall indication of wetness and correlates with the amount of groundwater required to be pumped. Several years prior to 2023 are shown since they influence antecedent conditions, including groundwater levels, soil moisture content and surface water storage. Water year 2020 barely met the normal criteria and was preceded by the wet 2019 year, but was followed by two very dry years in 2021 and 2022. Water year 2023 was extremely wet and in fact one of the wettest years on record. Overall, the last eight years were on average very close to the long-term average. This period also includes extreme dry and extreme wet years, which is reflective of the variability of Kings River water supply.

Table 2-1 – Kings Subbasin Water Year Type (2015-2022)

Water Year	% Historical Diversions	Water Year Type
2015	20%	Dry
2016	75%	Normal
2017	158%	Wet
2018	100%	Normal
2019	151%	Wet
2020	75%	Normal
2021	23%	Dry
2022	47%	Dry
2023	**155%**	**Wet**
Average	102%	Normal

Notes:
1 - Water Year includes October of previous year to September of current year.
2 - Values rounded to nearest whole number.
3 - Water Year Type based on Kings River diversions since they provide the majority of the surface water to the Subbasin

2.4 Surface Water Deliveries

Table 2-2 summarizes the surface water sources and surface water volumes used in the Kings Basin in water year 2023.

Table 2-2 – Kings Subbasin Surface Water Deliveries (WY2023)

Source	Volume (AF)
Kings River	1,720,000
Other	218,000
Total	1,938,000

Notes:
1 – 'Other' Water Sources include Friant CVP water, South of Delta CVP water, Schedule 2 San Joaquin River Settlement water, riparian diversions from the Kings River and San Joaquin River, recycled water, and other surface water supplies.
2 - Values rounded to nearest 1,000 AF, values may differ due to rounding errors

Table 2-3 summarizes surface water volumes utilized for direct use or managed recharge.

Table 2-3 – Kings Subbasin Surface Water Use (WY2023)

Water Use	Volume (AF)
Direct Use	1,286,000
Managed Recharge	651,000
Total	1,937,000

Notes:
1 – Direct use includes urban and agricultural use
2 – Managed Recharge only includes intentional recharge. Other sources of groundwater recharge including canal seepage, pipeline leakage and wastewater effluent recharge occur in the Subbasin but are not included in the value above, because they do not fall under DWR's definition of Managed Recharge.
3 – Values rounded to the nearest 1,000 AF, values may differ due to rounding errors

Accuracy

Accuracies of measured and estimated surface water supplies are based on confidence intervals for water budgets developed by Cal Poly Irrigation Training and Research Center (1999). Surface water diversions for agricultural and urban uses are measured with flumes or weirs with accuracies of about +/-5%. Surface water for intentional recharge is based on deliveries to recharge basins or Flood MAR activities. Some recharge basins are metered with accuracy estimated at +/-5%. Some recharge deliveries were not metered and were estimated based on deliveries to metered basins or observations by field staff, with overall accuracies estimated at +/- 25%. Overall, intentional recharge deliveries have an estimated accuracy of +/-15%.

More detailed surface water data is provided in **Appendix A,** including the DWR Surface Water Supply table.

3 Groundwater Pumping

356.2(b) (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.

Following are discussions on the types of groundwater pumping in the Kings Groundwater Basin, including the pumping volumes, source of the information, measurement method and level of accuracy.

3.1 Urban Groundwater Use

Urban groundwater use includes pumping for cities and other municipalities, collectively called Municipal and Industrial (M&I) use, and rural domestic pumping. M&I groundwater pumping is metered and recorded with accuracies of +/- 5%.

Rural domestic groundwater pumping is not measured and was estimated based on census data in rural areas, and an assumed 0.5 AF/capita/year based on typical indoor water usage and landscaped areas in the region. These estimates have an accuracy of +/-20% and only comprise a small portion of the total urban demands. This was the same method used in the GSPs prepared for the Kings Basin.

3.2 Irrigation Groundwater Use

Groundwater is used extensively for crop irrigation throughout the Kings Basin. In James GSA, there are no private irrigation wells, and all irrigation groundwater is pumped by wells owned and operated by James Irrigation District (JID). JID also owns and operates some wells in McMullin Area GSA that deliver groundwater to the JID system. The JID wells are all metered with measurement accuracy of +/-5%.

Irrigation groundwater in the other GSAs is pumped from private wells that are not metered. Pumping from these wells was estimated through a water budget approach, which has an estimated accuracy of +/- 15%. This is also called the 'Land Use' method, since it is based largely on the water demands of the land use. Following are discussion on how this method was employed.

In a simple situation, groundwater pumping = crop applied water demands – surface water deliveries. However, in many areas surface water deliveries to growers differ from headgate diversions due to system losses and deliveries for intentional recharge. In these situations, irrigation groundwater pumping is estimated using the following formula:

Private Irrigation Pumping = (Crop evapotranspiration – effective precipitation) / irrigation efficiency – Surface water deliveries to growers

where:

Surface Water Deliveries to Growers = Headgate diversions – System losses – Intentional recharge

and

System Losses = Channel evaporation + Channel seepage + Reservoir evaporation + Reservoir seepage + Operational Spills

As a result, private irrigation pumping was calculated with the following formula:

Private Irrigation Pumping = (Crop evapotranspiration - effective precipitation) / Irrigation efficiency – Headgate diversions + Channel evaporation + Channel seepage + Reservoir evaporation + Reservoir seepage + Operational spills + Intentional recharge

These calculations were performed for each GSA for water year 2023.

No groundwater is pumped for environmental use or other uses not described above.

3.3 Groundwater Pumping Volumes

Table 3-1 summarizes the volumes of estimated groundwater for each measurement method.

Table 3-1 – Groundwater Measurement Methods (WY 2023)

Water Sector	Method	Volume (AF)	Accuracy
Agricultural	Land Use	712,000	+/-15%
M&I and Agricultural	Metered	110,000	+/-5%
Rural Domestic	Estimated	42,000	+/-20%
-	Total	864,000	-

Note: Values rounded to the nearest 1,000 AF, values may differ due to rounding errors

These values are also presented in the DWR Groundwater Extraction Methods table found in **Appendix A**

Table 3-2 summarizes the groundwater pumped by water use sector in water year 2023

Table 3-2 – Groundwater Pumping by Water Use Sector (WY 2023)

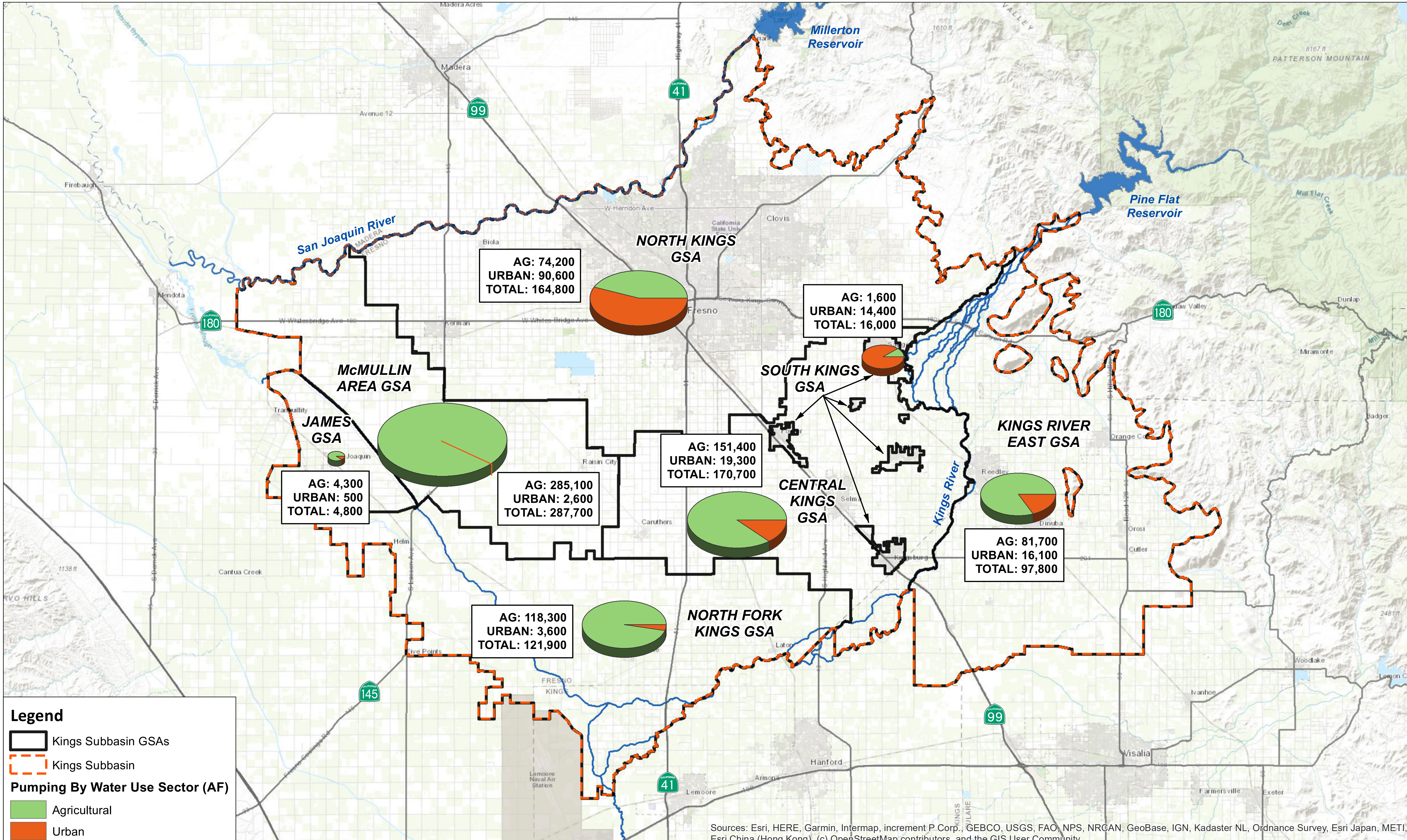
Source	Volume (AF)
Urban[1]	147,000
Agriculture[2]	717,000
Total	864,000

Notes:
1 – Urban use includes M&I and rural domestic pumping
2 – Agricultural use includes crop irrigation and dairy water use
3 - Values are rounded to the nearest 1,000 AF, values may differ due to rounding errors

These values are also presented in the DWR Groundwater Extractions table found in **Appendix A**.

3.4 Geographic Distribution of Groundwater Pumping

Figure 3-1 shows estimated groundwater pumping (agricultural and urban) for each of the seven GSAs.



Groundwater Extraction by GSA - Water Year 2023 (Acre-Feet)

Kings Subbasin Coordinated Effort

Figure 3-1

PROVOST& PRITCHARD

3/28/2024 G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\Water Budget\gw_pumping_2023.mxd

3.5 Total Water Use

356.2(b) (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 water use 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.

Table 3-3 summarizes total water use by water use type and sector for WY2023

Table 3-3 – Summary of Total Water Use for WY 2023 (AF)

Description	Urban	Agriculture	Total
Groundwater	147,000	717,000	864,000
Surface Water	193,000	1,745,000	1,938,000
Total	340,000	2,462,000	2,802,000

Notes:
1 - Surface water includes contract diversions, riparian diversions and recycled water used for both
recharge and direct use
2 – Values rounded to the nearest 1,000 AF; values may differ slightly from other reported values due to rounding errors

These values are also presented in the DWR Total Water Use table found in **Appendix A**. Refer to discussions in previous sections for information on measurement methods and accuracy.

The data presented in **Table** 3-3 is a short snapshot of water conditions, and not necessarily representative of long-term average hydrology. This information was not used to develop a 2023 annual water budget for comparison to change in groundwater storage. An annual water budget would likely not be accurate due to time lags in various forms of recharge, and inaccuracies that tend to balance out over longer time periods. However, this information will eventually be used in a long-term multi-year water budget analysis.

4 Sustainable Management Criteria

4.1 Sustainable Goal

As identified in Section 4.1 of each of the GSPs, the sustainability goal of the Kings Subbasin and each GSA is to ensure that by 2040 the basin is being managed to maintain a reliable water supply for current and future beneficial uses without experiencing undesirable results. This goal will be met by balancing water demand with available water supply to stabilize declining groundwater levels without significantly and unreasonably impacting water quality, land subsidence, or interconnected surface water. The goal of the basin is to correct and end the long-term trend of a declining water table understanding that water levels will fluctuate based on the season, hydrologic cycle, and changing groundwater demands within the basin and its proximity.

4.2 Groundwater Levels

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.

The Kings Subbasin monitoring network includes hundreds of wells used for developing groundwater contour maps and estimating change in storage. As identified in the GSPs, one hundred and twenty-three (123) of these wells are indicator wells that have Sustainable Management Criteria(SMC) for which Interim Milestones, Measurable Objectives and Minimum Thresholds have been set (**Figure 4-1**).

Identification of Undesirable Results is based on the monitoring network of Indicator Wells described in Section 5. As described in the GSP, *the GSAs in the Kings Basin have defined the Undesirable Result as occurring when 15% of the Indicator Wells have exceeded the Minimum Threshold during a single monitoring event.* There are no wells within the basin that have exceeded its Minimum Threshold.

Section 4.2 of the GSPs includes a description of Interim Milestones that are 5-year target groundwater levels at each Indicator Well. The interim milestones have been set along the curve to the Measurable Objective and are based on the long-term average hydrologic conditions and the planned projects and management actions the GSAs will use to make incremental improvement toward sustainability over the 20-year planning period. The GSAs will manage the basin to these Interim Milestones during the planning period by comparing hydrologic conditions to historic average conditions and implementing management actions if needed to maintain a path to sustainability. In fall 2023, there are 40 wells that are below their 2025 Interim Milestone or lower, however these wells are not below the operational flexibility buffer below the Interim Milestone. In fact, none of the 40 wells below their 2025 interim milestone had declined more than 50% of their operational flexibility distance below the 2025 Interim Milestone. The Operational Flexibility is the distance between the Measurable Objective and Minimum Threshold, and is for dry periods when increased groundwater pumping will occur. The hydrologic conditions during 2020, 2021 and 2022 water years provided approximately 50% of the average amount of surface water during that period, so utilization of some of the operational flexibility is anticipated. While these declines have not exceeded anticipated declines because of the hydrologic conditions, the GSAs will continue to monitor closely how these wells react based on future hydrologic conditions.

Appendix B contains the groundwater elevation and depth to water data for each indicator well in tabular format for spring and fall for the current and prior years, along with the Interim Milestones, Measurable Objective and Minimum Threshold. The Measurable Objective is the water level elevation at an Indicator Well that will be stabilized by 2040 and maintained over time. The GSAs recognize that it will take several years to reach sustainability, so the Interim Milestones have been established at each Indicator Well to more effectively manage the basin during the implementation period.

Appendix C contains hydrographs for the indicator wells. These hydrographs show Interim Milestones, Measurable Objectives, Minimum Thresholds and trend lines over the hydrologic base period from 1997 to 2012. Inset maps on the hydrographs show the location of the wells in the respective GSAs. Additional information on the hydrographs includes the well names (local and/or state names as available) and the ground surface elevation.

In general, since 2015, water levels continued to decline at the end of a historic drought and in some cases reaching lowest points recorded in fall 2022 but the majority of wells monitored in the basin showed significant increases in water levels from fall 2022 to fall 2023 following the wet 2022/2023 winter. After the wet 2016/2017 winter, groundwater levels generally rose though spring 2017 and continued to increase in some areas through fall of 2017. Some wells continued to have increases in water levels, while some showed declines after the normal 2017/2018 winter. Some rebound occurred in the spring 2019 data in some wells after the wet 2018/2019 winter. From fall 2019 to fall 2020 water levels generally decreased as evidenced by the estimated storage change from fall 2019 to fall 2020. The general trend in declining water levels continued from fall 2020 to fall 2022. The estimated change in storage from fall 2021 to fall 2022 was estimated to be negative but wasn't as significant as the prior year. As discussed below, the wet 2022/2023 winter led to significant surface water supplies in the subbasin which translated to a positive change in groundwater in storage. As reported in past Annual Reports and is again evident this year, Subbasin wide the general trend is decreasing water levels in normal to dry years and increasing water levels in wet years.

To date there is insufficient geographic distribution of data from wells known to be perforated below the Corcoran clay where it is present or from deeper wells east of the Corcoran clay extent to contour the lower aquifer zone or deep groundwater. The subbasin is currently conducting a confined aquifer study as part of the land subsidence data gap study. Several GSAs are evaluating well construction information to identify deeper confined aquifer wells which adds to the developing inventory of wells known to be perforated below the Corcoran clay. A monitoring program will be established as part of the confined aquifer study to gather data from deep wells throughout the Subbasin for eventual use in evaluating deep groundwater conditions. The distribution of shallow wells near the Kings River and the San Joaquin River are under review as part of developing a shallow monitoring network along the these Rivers to fill data gaps associated with surface water-groundwater interactions. The Subbasin will continue to gather data to better define the groundwater conditions in the confined aquifer and shallow groundwater where the A clay is present and near the rivers, but for now, the unconfined aquifer above the Corcoran clay where it is present and the water table aquifer east of the Corcoran clay extent is contoured.

4.2.1 Water Level Maps/Contours

Water surface elevation contour maps were previously generated for the years 2015 to 2022 and are included in previous Annual Reports. This Annual Report has the spring and fall 2023 water surface elevation contour maps in **Appendix D**. The seasonal high and seasonal low groundwater conditions for the 2023 water year are presented in **Appendix D** as the spring 2023 and fall 2023 groundwater surface elevation contour maps respectively. The tabular water level data from spring and fall seasons from the current and prior year are included here in **Appendix B**. It should be noted that the GSAs have made significant improvements in the water level monitoring networks and quality of data being collected and reported, as discussed below.

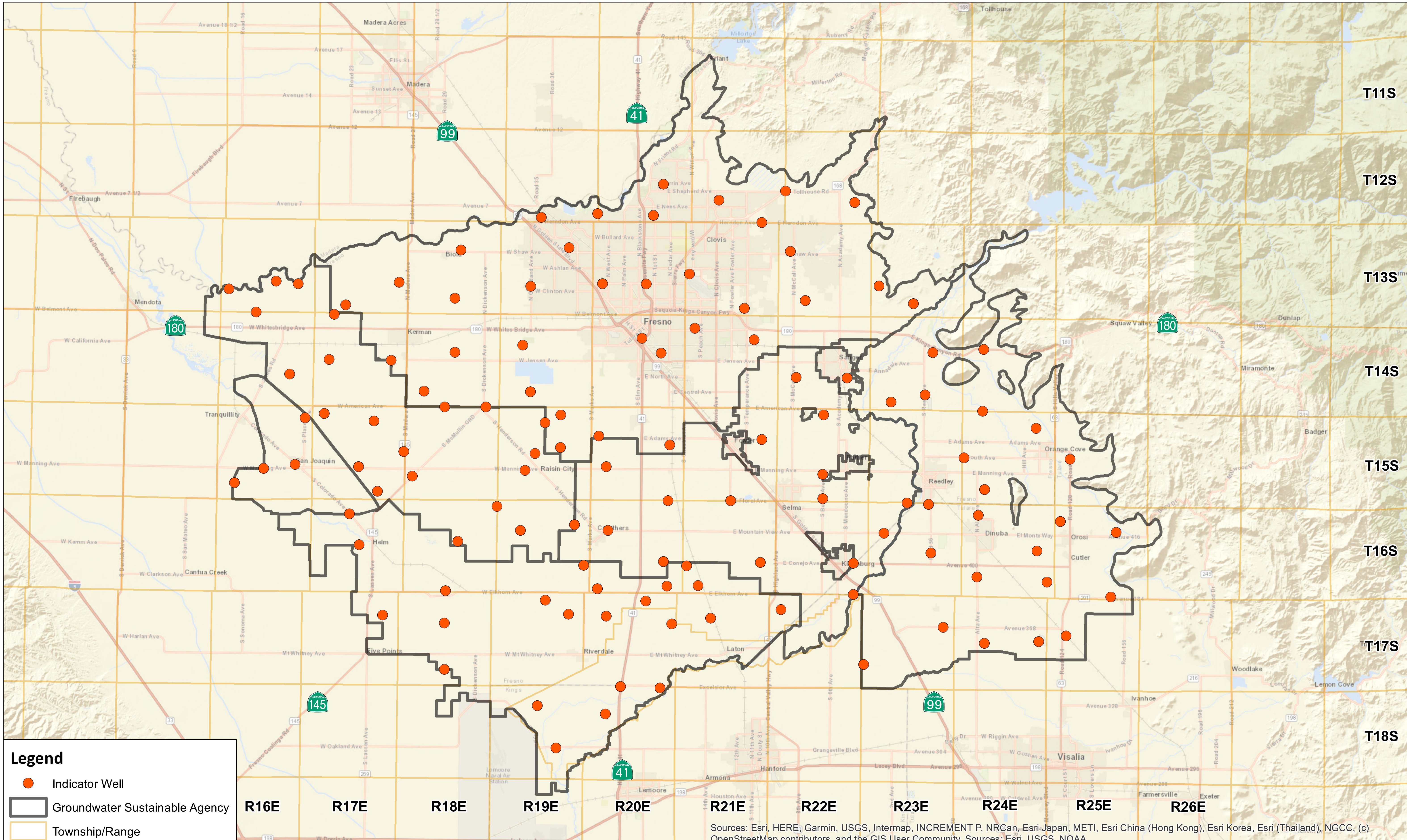
The water surface elevation contours represent the unconfined aquifer above the Corcoran clay and generally above the conceptual base of unconfined groundwater east of the Corcoran clay. In areas of the Subbasin where the shallow A clay is present these contours are meant to represent the portion of the aquifer above the Corcoran clay but below the A clay. Where the C clay is present, the contours are meant to represent the portion of the aquifer between the C clay and the Corcoran clay.

As discussed in the 2022 Water Year Annual Report, the Kings Subbasin GSAs completed a well elevation survey for the wells used in preparation of the Subbasin-wide contours. The well elevation survey was conducted by a licensed land surveyor to improve the consistency of data used throughout the basin, but does cause an adjustment for some of the wells that now have a revised elevation in the dataset. With the inclusion of several County of Fresno wells and agricultural wells at locations mainly east, south and north of the Cities of Fresno and Clovis, the North Kings GSA filled several data gaps. At this time there is still a data gap northeast of Fresno that is expected to be partially filled by a DWR Technical Support Services monitoring well in the near future.. Also of note is that groundwater contours in the City of Fresno are now estimated primarily using City of Fresno nested monitoring wells instead of their supply wells. Also of note is the North Fork Kings GSA is identifying wells to monitor groundwater conditions above the A clay and above the C clay, similar to the effort to develop a sub-Corcoran clay, confined aquifer, monitoring network. This area of the subbasin is the most hydrogeologically

The number of wells evaluated within the Kings Subbasin to develop the groundwater surface elevation contours in spring and fall 2023 has increased to about 1,500 wells wells on average. Additional well data was also evaluated outside of the Kings Subbasin to assist in generating the contour maps but the number of wells with data available outside the Subbasin is variable and not included in the total number.

The process used to generate the contours was similar to what was used by the Subbasin for development of the GSPs. Well locations and groundwater elevations were plotted on the Kings Subbasin maps for the seasons being contoured. Groundwater level elevations that appeared inconsistent with the majority of other wells in an area were typically not used. Wells with significantly different water levels may be perforated in the confined portion of the aquifer, or may be composite wells perforated across clay layers, or may be perforated in shallow groundwater above the A clay where it is present or other local clays. In some locations where a well reading was significantly different than other wells in the immediate vicinity, it was discarded because it was believed that these readings were likely erroneous or anomalous (well pumping nearby, well recently pumped, oil, acoustic sounder reading, not enough steel tape, sounding apparatus fowling on down hole well equipment, etc). Effort is made to use the same wells season to season in the contours so that the storage change estimations, described below, are not unduly affected by the use of data from different wells or data from wells that did not have data in the other season(s). As reported in the Water Year 2022 Annual Report, recent changes to the monitoring networks include the use of City of Fresno monitoring wells, on-going additions North Fork Kings GSA in and around the Laguna Irrigation District for the multiple aquifer zones, additional wells in Kings River East GSA and James GSA, and as mentioned above, wells added into North Kings GSA to fill some of the data gaps.

Draft groundwater elevation contours were generated utilizing ArcGIS software and then the contours were reviewed and edited for consistency, and to remove apparent anomalous data. It should be noted that some data was used, even if the data point was new or had not been used in other maps in the period, if the data was reasonably consistent with the contours. This is done so that through time more wells are used in the contouring process to better define the groundwater surface. The Cities of Fresno and Clovis supplied additional data which was not included in fall 2021 so that the water surface elevation contours and storage change calculations were consistent with past fall seasons. However, these data are now incorporated as appropriate and will be used in future evaluations. Survey of well elevations in the Subbasin was completed during the 2022 Water Year and used for preparation of this Annual Report and the Water Year 2022 Annual Report. Wells used in the water surface elevations contours, along with the assigned well measuring point elevation and the measured depths to water were processed to generate depth to water surfaces. These depth to water surfaces were used in the storage change estimation as discussed below.



0 3 6
Miles

Water Level Monitoring Network

Kings Subbasin Coordinated Effort

Figure 4-1

PROVOST & PRITCHARD

3/18/2024 G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\Annual Report\Kings_WL_Network.mxd

4.3 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 in storage for the basin based on historical data to the greatest extent available, including from January 1, 2015, to the current reporting year.

Technical Memorandum 2 in the Kings Subbasin GSPs identifies the current specific yield values used in storage change calculations for the Kings Subbasin. The relative change in groundwater storage per specific yield unit are illustrated on **Figure** 4-2. Specific yield values vary by location and depth and Technical Memorandum 2 describes specific yield at depth intervals from 10’-50’, 50’-100’, 100’-200’ and 200’-300’, and below 300 feet. Storage change was estimated based on estimated changes in storage above 400’ below the ground surface. Starting in fall 2015 storage change estimations were made from fall to fall to better temporally align with the October 1 to September 30 water year period (**Figure** 4-3). It should be noted that previous storage change estimates, prior to fall 2015, were prepared based on changes from spring to spring.

The process for estimating the groundwater storage change from fall 2022 to fall 2023 was the same process utilized by the GSAs in the Subbasin in preparation of their GSPs and previous annual reports and included the following steps:

1. The final wells selected from the water surface elevation review and contouring process were used to create depth to water surfaces, as described above.
2. Using the depth to water surfaces, the average depth to water value was determined for each unique specific yield unit. The average depth to water was determined using ArcGIS Spatial Analyst.
3. For each specific yield unit, the average depth to water of that area was used to determine the height of water above 400 feet for each depth zone.
4. The height of water in each depth zone was multiplied by the specific yield for that depth zone and then by the total acreage within that Specific Yield unit.
5. Values for each depth zone were added to determine total volume in storage above 400 feet.
6. The groundwater in storage volume by specific yield units were totaled by GSA to estimate the GSA total for that year.
7. Steps 1 through 6 were repeated for the ending year being considered.
8. The total volume in storage estimated for the starting year was subtracted from the total volume estimated for the ending year to determine the total change in volume between the two years.

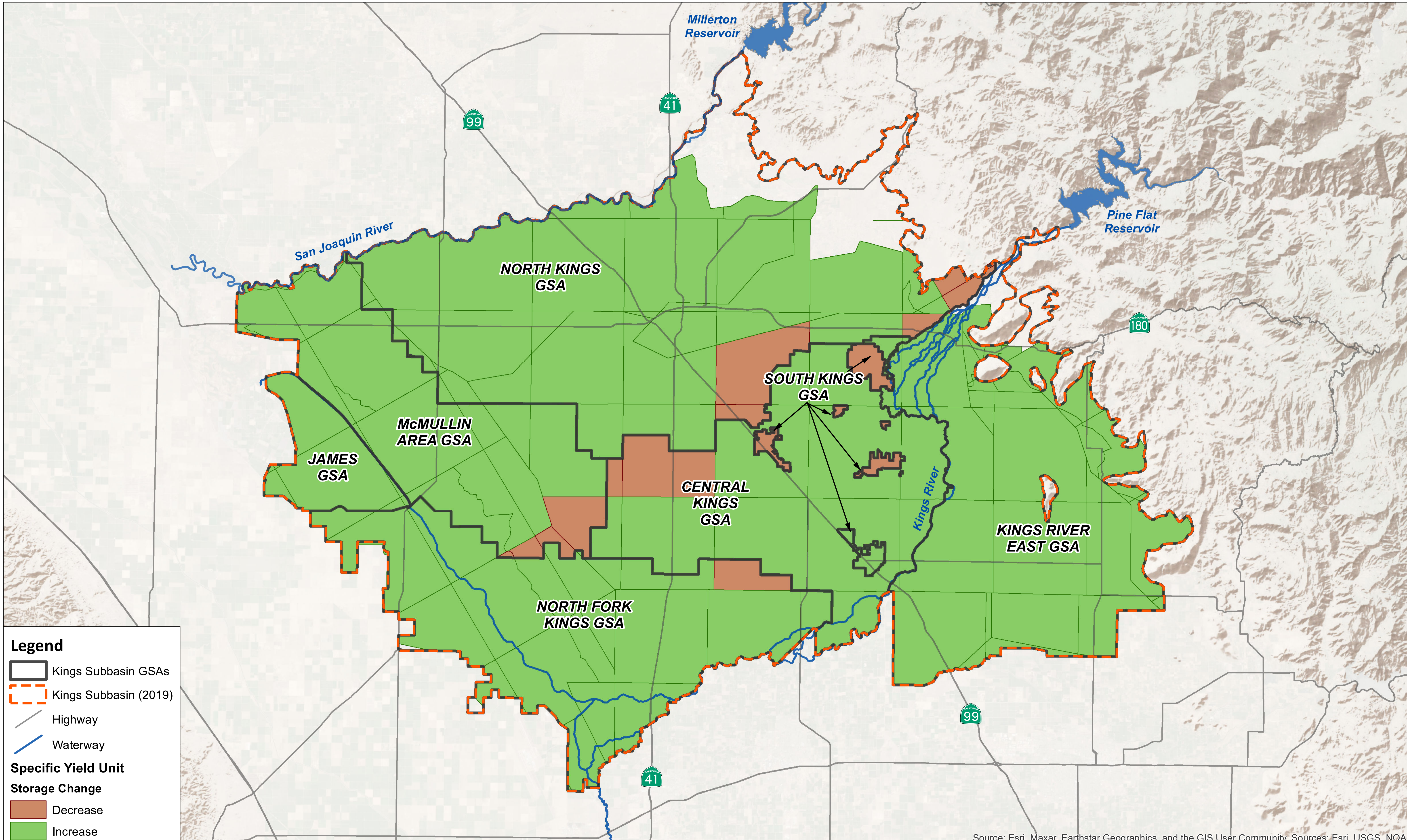
Figure 4-2 shows the Subbasin specific yield units and which specific yield units had estimated increasing or decreasing storage change from fall 2022 to fall 2023. The vast majority of the subbasin shows increases in groundwater storage. Based on the increased use of surface water in the City of Fresno and Clovis, and the attendant reduction in groundwater pumpage, increases in storage in these areas seems reasonable. Additionally, increases in storage across the subbasin seems reasonable given the wet winter and abundant surface water supply.

There is some inconsistent well data in certain areas that affects year to year estimations of storage change. The GSAs have and will continue to work to improve the reliability of data within the basin. For example, identification of composite wells and wells perforated, or partially perforated, below the

Corcoran clay continue to be identified which is a continuation of an effort first reported on in the 2021 Water Year Annual Report. Data from wells with deep, sub-Corcoran perforations, or shallow perforations above the A and C clays (or in a few cases both) were not considered when preparing the unconfined groundwater maps shown in **Appendix D**. **Table** 4-1 below shows the estimates of storage change year by year from fall 2015 to fall 2023. The fall 2022 to fall 2023 estimated storage change is positive 1,280,000 AF across the entire Kings Subbasin. The estimated storage change from fall 2022 to fall 2023 seems reasonable considering the wet winter, abundant surface water supplies and increased recharge in the Kings Subbasin. The total estimated cumulative change in storage for the Kings Subbasin from fall 2015 to fall 2023 can be seen on **Figure** 4-3, below. The cumulative storage change since fall of 2015 using the annual calculated totals is about a negative 60,000 AF. The basin continues to refine the monitoring network to better estimate the annual total and cumulative storage change within the basin.

Table 4-1 – Kings Subbasin - Estimated Annual Change in Storage, Fall 2015 to Fall 2023

Kings Subbasin GSA	Fall 15 to Fall 16	Fall 16 to Fall 17	Fall 17 to Fall 18	Fall 18 to Fall 19	Fall 19 to Fall 20	Fall 20 to Fall 21	Fall 21 to Fall 22	Fall 22 to Fall 23
Total Est. Storage Change (AF)	**-170,000**	**960,000**	**-400,000**	**390,000**	**-550,000**	**-890,000**	**-680,000**	**1,280,000**



Relative Change in Storage by Specific Yield Unit - Fall 2022 to Fall 2023

Kings Subbasin Coordinated Effort

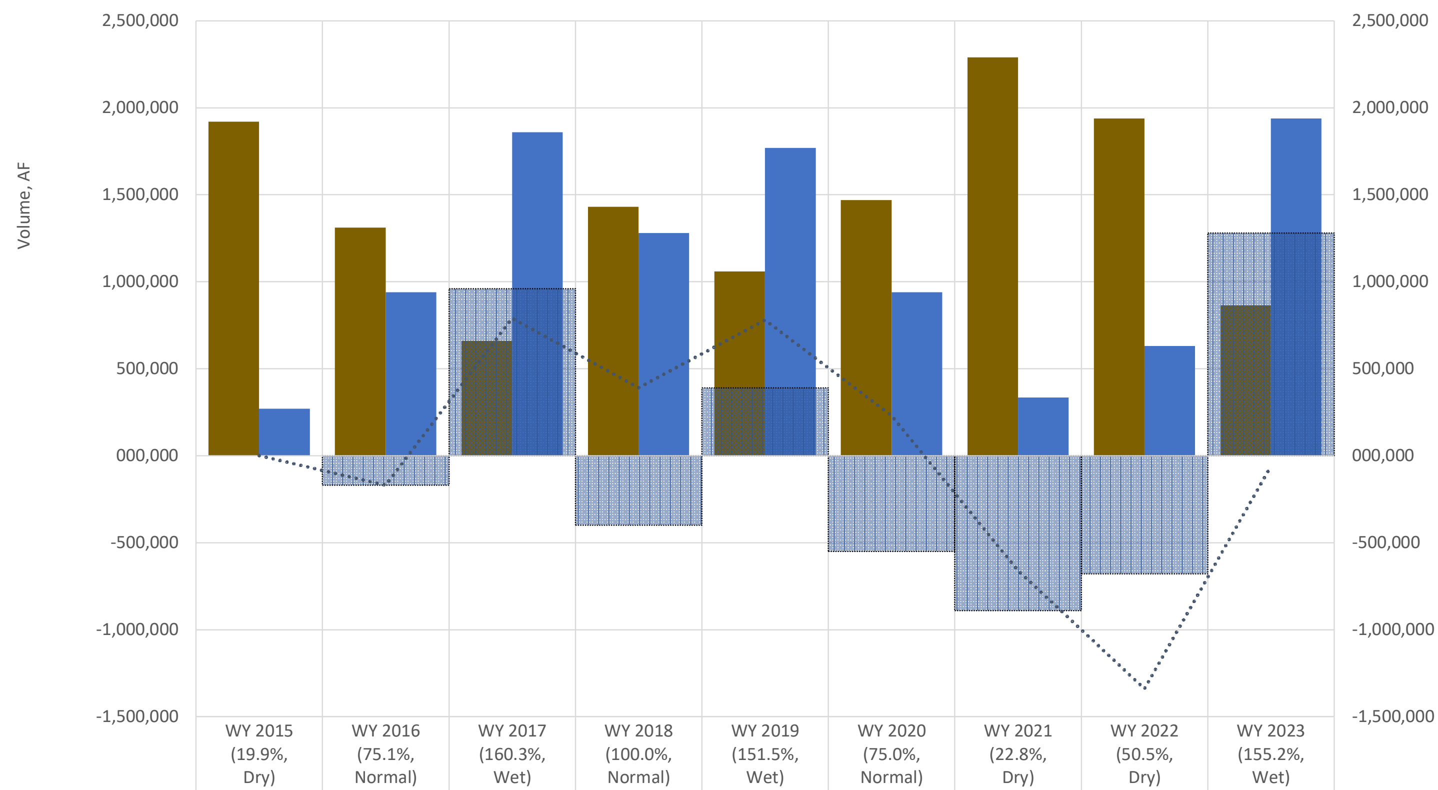
Figure 4-2

PROVOST& PRITCHARD

3/18/2024 G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\Storage\GW_Storage_F22_F23.mxd

Kings Subbasin

Estimated Annual and Estimated Cumulative Groundwater Storage Change from Fall 2015 to Fall 2023



	WY 2015 (19.9%, Dry)	WY 2016 (75.1%, Normal)	WY 2017 (160.3%, Wet)	WY 2018 (100.0%, Normal)	WY 2019 (151.5%, Wet)	WY 2020 (75.0%, Normal)	WY 2021 (22.8%, Dry)	WY 2022 (50.5%, Dry)	WY 2023 (155.2%, Wet)
Water Year Est. Total GW Use, AF	1,920,000	1,310,000	660,000	1,430,000	1,060,000	1,470,000	2,290,000	1,940,000	864,000
Water Year Surface Water Deliveries, AF	270,000	940,000	1,860,000	1,280,000	1,770,000	940,000	335,000	630,000	1,938,000
Est. Annual GW Storage Change, AF	0	(170,000)	960,000	(400,000)	390,000	(550,000)	(890,000)	(680,000)	1,280,000
Est. Cumulative Change in Storage, AF	0	(170,000)	790,000	390,000	780,000	230,000	(660,000)	(1,340,000)	(60,000)

Notes:
1 - Annual storage change is from fall to fall. Estimated storage change is listed under the ending year evaluated. For example, estimated storage change from Fall 2015 to Fall 2016 is under the Water Year (WY) 2016 column.
2 - WY begins Oct. 1 of preceding year and runs through Sept. 30 of listed year. For example, WY 2015 begins Oct. 1, 2014 and continues through Sept. 30, 2015.
3 - Values rounded to nearest 10,000 acre-feet.
4 - Kings River WY Types based on WY% - less than 75% = Dry, from 75% to 125% = Normal, greater than 125% = Wet. WY type may change based on the running average, see note 5.
5 - WY% is a running average, therefore WY% shown typically vary yearly. For example, the 2015 WY% was 19.7% based on the average through WY 2020, while the average for WY 2015 is 19.9% based on the average through WY 2021.
6 - WY Surface Water Deliveries for Kings Subbasin = Kings River Headgate Diversions + Central Valley Project + estimated San Joaquin and Kings River Riparian.
7 - Some historical values for estimated total groundwater use and water year surface water deliveries may differ slightly from previous annual reports due to data reported after the annual report were submitted and differences in rounding.

Figure 4-3

4.4 Seawater Intrusion

The Kings Subbasin is not hydrologically located near the ocean nor near saline sinks. Therefore, no criteria has been established for undesirable results.

4.5 Groundwater Quality

The Kings Subbasin set the Undesirable Result for groundwater quality as 15% of the groundwater quality monitoring wells having exceeded the established Minimum Threshold values for two consecutive years at the same wells when shown to be caused by groundwater pumping or recharge activities. In this water year concentrations of Chemicals of Concern have been reported above established Minimum Threshold values in six wells.

4.5.1 Monitoring Network

The Kings Subbasin's Groundwater Quality Monitoring Network is comprised of the individual GSA groundwater quality monitoring networks described in each GSA's GSP. A map of the overall network is shown in **Figure** 4-4**.**

The groundwater quality monitoring networks for the GSAs are comprised primarily of community and non-community public supply wells. Groundwater quality data from these wells are publicly available from the water suppliers or through online databases such the State Safe Drinking Water Information System (http://sdwis.waterboards.ca.gov/PDWW/) or the California Water Boards' Electronic Data Transfer (EDT) database. McMullin also utilizes groundwater quality data from the American Avenue Landfill and is publicly available on the California Water Board's online GeoTracker database as it becomes available and NFKGSA utilizes groundwater quality data from the Central Valley Dairy Representative Monitoring Program available from the Regional Groundwater Quality Control Board upon request.

4.5.2 Sustainable Management Criteria

<u>Minimum Thresholds</u>

In the 2022 revised GSPs, the Kings Subbasin GSAs established a basin wide approach to setting Minimum Thresholds that are consistent with State and local water quality standards to be protective of water uses and users (Title 22 of the CCR).

For each of the respective GSAs wells in the Groundwater Quality Monitoring Network and each of the Chemicals of Concern identified in the respective GSAs, Minimum Threshold values were established by one of two methods, depending on the historic concentrations of the various Chemicals of Concern:

- Where historic concentrations of Chemicals of Concern were recently (2015 to 2021) below MCLs (i.e. California potable water standards), the Minimum Threshold values were set at the MCLs; or
- Where historic concentrations of Chemicals of Concern were recently (2015 to 2021) above MCLs, the Minimum Threshold values were set at a 20% increase to the recent historic high concentration of the Chemical of Concern in the well.

<u>Undesirable Results</u>

In the 2022 revised GSPs, the Kings Subbasin GSAs established a basin wide approach to define if and when Undesirable Results may have occurred based on the annual water quality data when screened against the established Minimum Thresholds.

The occurrence of an Undesirable Result is defined as 15% of the groundwater quality monitoring wells having exceeded the established Minimum Threshold values for two consecutive years at the same wells when shown to be caused by groundwater pumping or recharge activities. There are several potential causes of groundwater quality degradation that could lead to undesirable results. However, as identified in the GSP, some of these causes are not the GSA's responsibility.

Minimum Threshold Exceedance Protocol

For Minimum Threshold exceedances, site-specific investigations will try to assess if GSA actions have contributed to the groundwater quality degradation. Should assessments indicate GSA actions have contributed to groundwater quality degradation, then management actions described in the GSPs will be implemented in the area where the water quality changed.

4.5.3 Reported 2023 Groundwater Quality Data

Available groundwater quality data for Water Year 2023 for each GSA's Chemicals of Concern were compared against the Minimum Thresholds established in the revised GSPs. During Water Year 2023 concentrations of Chemicals of Concern have been reported above established Minimum Threshold values in five wells of the Kings Subbasin's Groundwater Quality Monitoring Network. Tabulated water quality data and Minimum Threshold values are summarized in **Appendix E**. Reported concentrations of Chemicals of Concern are listed below:

- Well 1010025-012 within the SKGSA had reported 1,2,3-Trichloropropane (TCP) concentrations of 0.064 μg/L in October 2022; and 0.073 μg/L in January 2023, 0.079 μg/L in April 2023, and 0.075 μg/L in July 2023. These reported concentrations were above the Minimum Threshold value of 0.0588 μg/L established for TCP in this well.

  TCP has historically been detected in this well at concentrations up to approximately ten times the California Primary MCL value of 0.005 μg/L in.

  TCP was used as a solvent and in the production of some pesticides. It has been detected in shallow groundwater in rural areas and along Highway 99, and in Del Rey, Fowler, Kingsburg, Parlier, and Sanger public supply wells.

- Well 1000204-001 within CKGSA had reported TCP concentration of 0.14 μg/L, above the Minimum Threshold Value of 0.0996 μg/L established for TCP in this well. TCP was detected below the Minimum Threshold during subsequent sampling events conducted at this well during the 2023 water year. These subsequent detections were in line with the historic concentrations used in establishing the Minimum Threshold value.

- Well 1010024-018, also within CKGSA had reported TCP concentrations ranging from 0.005 μg/L to 0.006 μg/L in December 2022; and January, March, April, and May 2023. These concentrations are at or above the Minimum Threshold Value of 0.005 μg/L established for TCP in this well. TCP was detected below the Minimum Threshold during subsequent sampling events conducted at this well during the 2023 water year in June, July, August, and September.

- Well 1000627-001 within the NFKGSA had reported arsenic concentrations of 30 μg/L and 27 μg/L in February and August 2023, respectively. These concentrations are above the Minimum Threshold value of 26.4 μg/L established for arsenic for this well.

- Well BMW-1R, part of the American Avenue Landfill groundwater monitoring network and also within MAGSA had a reported TCP concentration of 0.43 μg/L. The Minimum Threshold for TCP for this well is 0.005 μg/L.

Minimum Threshold exceedances in four of these wells appear intermittent at this time and it is unknown if the higher reported concentrations in these wells are representative of trending water quality. Future annual groundwater quality data will inform the Subbasin of the need to conduct site-specific investigations to assess if GSA actions have contributed to groundwater quality degradation in these four wells. Well 1010025-012 within the SKGSA has had detections of TCP above the Minimum Threshold in water years 2022 and 2023 and there appears to be an established trend of exceedances. An evaluation will be included in the next GSP update in order to assess if GSA actions have resulted in increased TCP concentrations in groundwater from this well.

Water quality Minimum Thresholds were established in the revised GSPs submitted in 2022 and thus this report represents the second year that groundwater quality data is being compared against those values. The occurrence of an Undesirable Result has been defined as 15% of the groundwater quality monitoring wells having exceeded the established Minimum Threshold values for two consecutive years at the same wells when shown to be caused by groundwater pumping or recharge activities.
To date water quality Undesirable Results have not occurred in the Kings Subbasin. Future annual groundwater quality data will need to be collected and reviewed to determine if and when possible Undesirable Results occur in the subbasin.

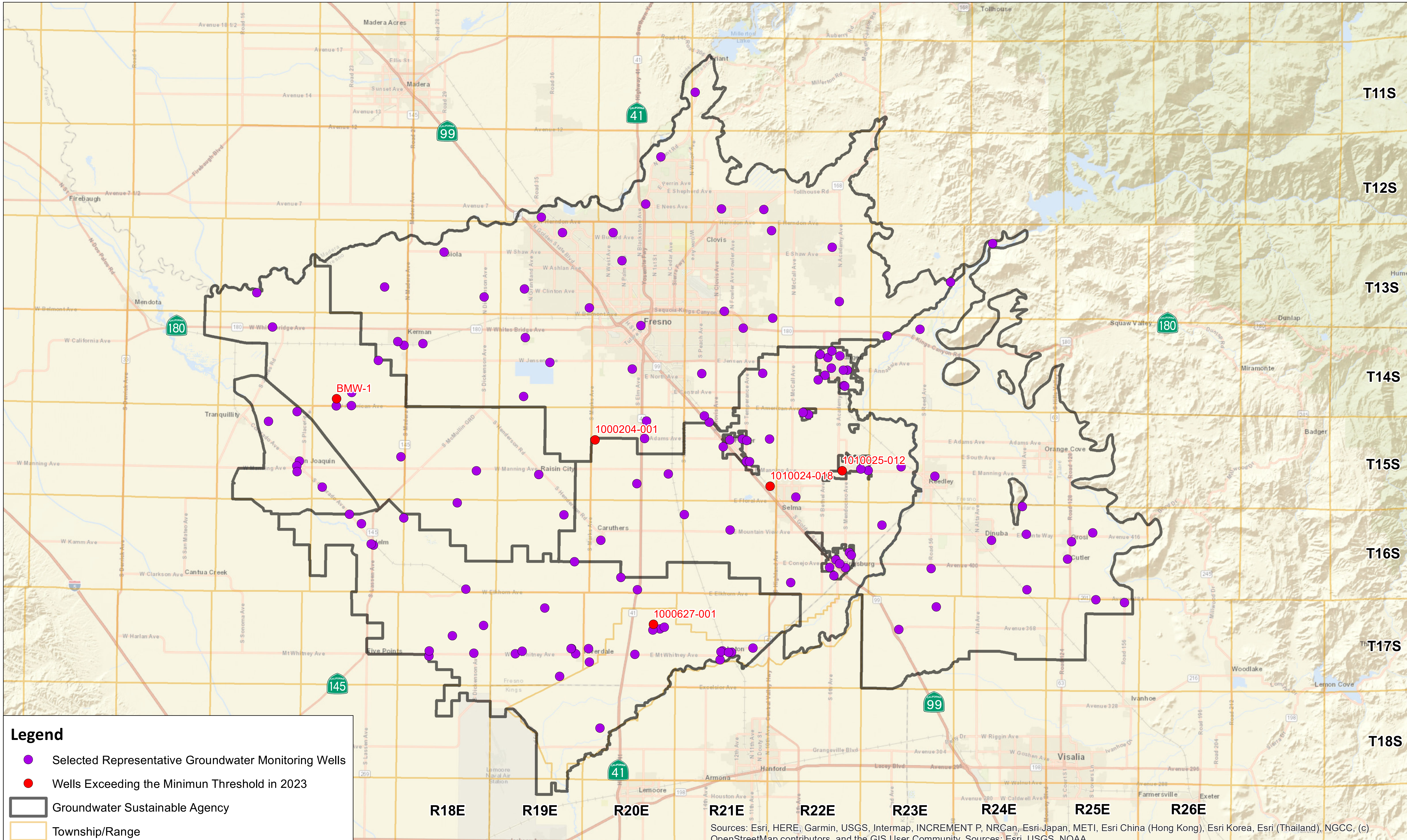
Changes to the Kings Subbasin's Groundwater Quality Monitoring Network and Minimum Thresholds are described in Section 5 of this annual report.

4.6 Land Subsidence

As discussed in the GSP, the basin is primarily relying on land subsidence survey information from DWR Altamira SAR, as well as bi-annual survey of points within the basin land subsidence monitoring network. **Figure** 4-5 shows the annual change observed and includes data from both Altamira SAR and the monitoring network elevations. In general, the data from the two sources is consistent, showing minimal amounts of subsidence. Some of the survey points show differences from the Altamira SAR data. A couple areas along the eastern part of the basin show an increase in elevation which is consistent with a rebound from subsidence while a couple areas on the western part of the subbasin show some subsidence. **Figure** 4-6 also includes data from both DWR Altamira SAR and the surveyed points and shows the cumulative change from Fall 2020 to Fall 2023.

There are a couple points that did not have comparison data to provide a check with Altamira SAR data. A few points were because no data was available from last year.

DWR identified recommended corrective actions related to land subsidence in their Determination Letter to the Basin. The basin is coordinating a confined aquifer study to better understand existing confined aquifer conditions and existing pumping within that aquifer in the western portion of the basin. This study is ongoing and will be included in GSP revisions planned for January 2025.



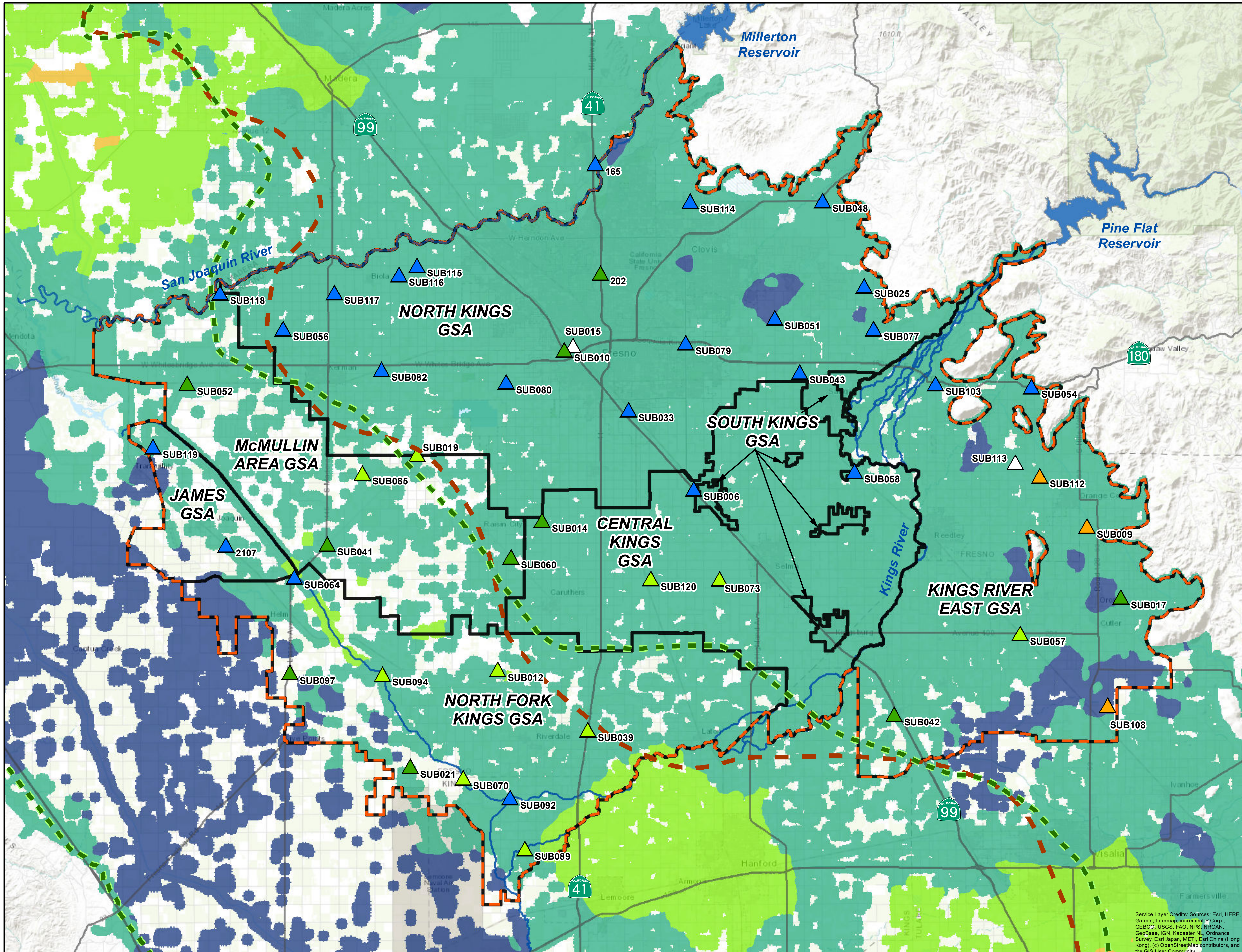
Water Quality Monitoring Network

Kings Subbasin Coordinated Effort

Figure 4-4

PROVOST& PRITCHARD

3/18/2024 G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\Monitoring Network\Kings_WQ_Network23.mxd



Kings Subbasin Coordinated Effort

Land Subsidence Monitoring
Fall 2022 to Fall 2023

Figure 4-5

E-Clay Eastern Extent (Page and LeBlanc1969, modified by KDSA)
Corcoran Clay Extent From CVHM
Kings Subbasin GSAs
Kings Subbasin

DWR Altamira SAR - Oct. 2022 to Oct. 2023

Displacement (Ft)

0.00 to 0.59
-0.19 to 0.01
-0.39 to -0.20
> -0.40

Subsidence Monitoring Location Sept./Oct. 2022 to Oct./Dec. 2023

Elevation Change (Ft)

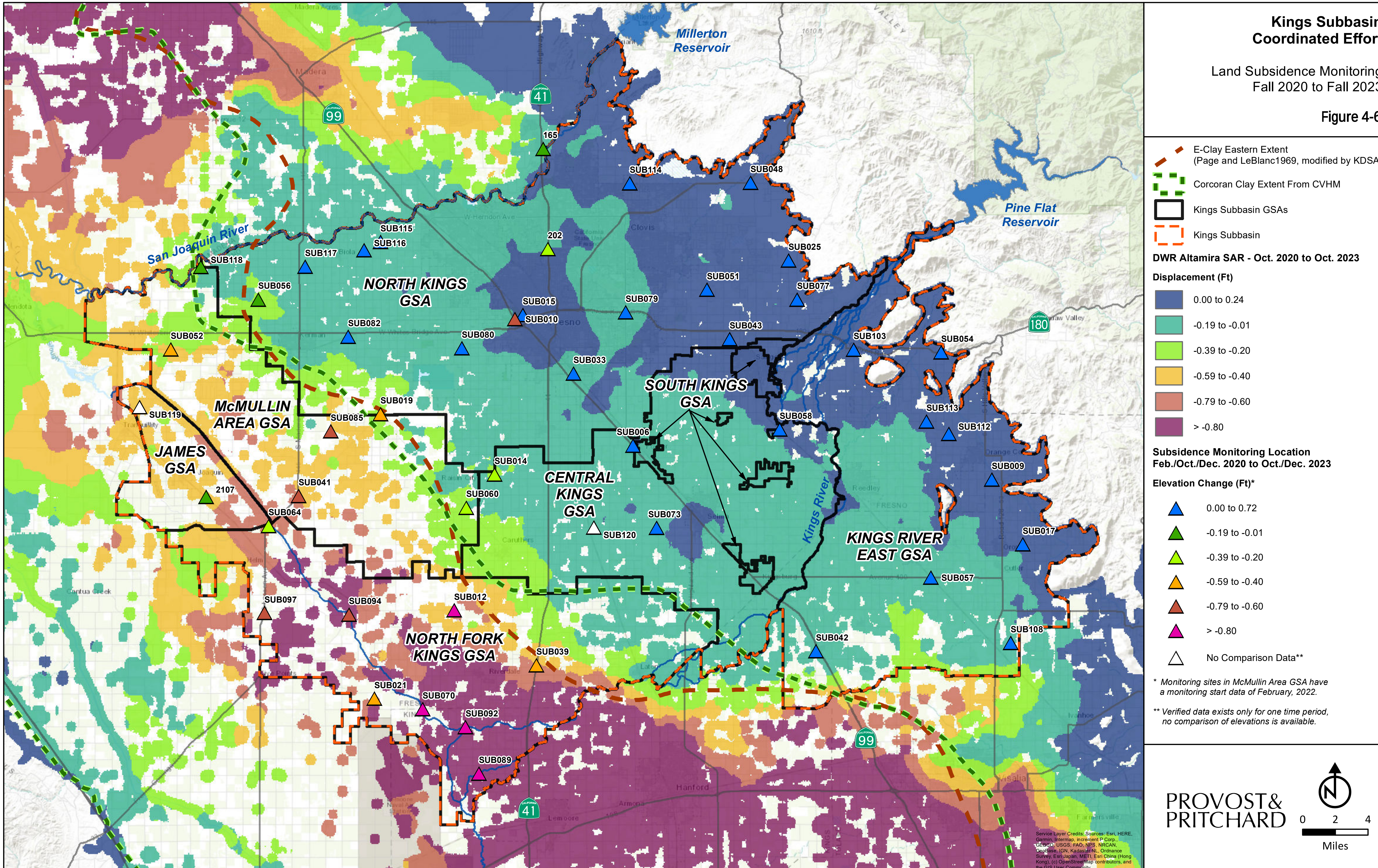
0.00 to 0.27
-0.19 to -0.01
-0.39 to -0.20
> -0.40
No Comparison Data*

**Verified data exists only for one time period, no comparison of elevations is available.*

PROVOST & PRITCHARD

0 2 4
Miles

3/25/2024 : G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\Monitoring Network\subsidence_InSAR_22_23.mxd



3/25/2024 : G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\Monitoring Network\subsidence_InSAR_20_23.mxd

4.7 Surface to Groundwater Interconnection

The Kings Subbasin GSAs have established a groundwater level monitoring network which includes wells near the rivers that will be monitored to better understand potential surface to groundwater interconnections issues. DWR has provided comment on the GSP for the GSAs to reconsider Surface to Groundwater Interconnection. The Kings Basin has initiated work on this data gap study to better understand Interconnected Surface Water issues and work with stakeholders. An update is included in Section 7.

5 Monitoring Network

5.1 Groundwater Level Monitoring Network

The Kings Subbasin GSAs have identified data gaps within their GSPs that they intend to fill, and are still reviewing their monitoring networks. During this water year, the GSAs have spent significant effort to gather construction information via well video equipment for Indicator Wells that were included in the network because of a good history of data collection but lacked construction information. As definitive construction information is gathered, updates will be made through the SGMA monitoring network portal. The updated list of Indicator Wells can be found in **Appendix B**.

The GSAs within the basin continue to consider the need for dedicated monitor wells to use as the monitoring network. The existing network includes many active wells in much of the basin, and while those wells have provided crucial water level history, those wells provide increased difficulty with data collection and there is interest within many of the GSAs to develop a network of dedicated monitor wells. The GSAs will continue to evaluate possible improvements to their monitoring networks.

5.2 Groundwater Quality Monitoring Network

The following revisions to the Groundwater Quality Monitoring Network have been made during this reporting period. Updated lists of the Groundwater Quality Monitoring Network wells with corresponding Minimum Thresholds are tabulated in **Appendix F**.

<u>North Fork Kings GSA</u>

At the time the revised GSP was submitted, the North Fork Kings water quality monitoring network had several wells which groundwater quality data were not available to establish Minimum Thresholds. This included public supply wells 1000176-001 and 1010028-002. It has subsequently been discovered that these wells are inactive. As of water year 2023, these wells have been replaced in the network by wells 1000176-005 and 1010028-010 with Minimum Thresholds being established using the same method presented in the GSP (**Appendix F**).

The GSA will continue to work fill the remaining water quality network data gaps as described in the GSP.

6 Projects and Management Actions Status

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.

Since completion and submittal of the GSPs in January of 2020, each of the GSAs in the Kings Subbasin has been actively working on implementing their GSPs including project development and design, gathering of information to fill data gaps including well construction information, continued stakeholder outreach and engagement, development of initial policies, and other items. Some of the activities and actions implemented by the GSAs as a group since January 2020 include:

- Continued monthly coordination meetings with a representative from each of the GSAs.
- Updated Data Management System (DMS)
- Preparation of Annual Reports
- Preparation of a coordinated outreach effort including video, storymap, press release and social media that highlighted the significant amount of recharge that occurred this year.
- Sponsorship of the facilitation of a quarterly conference call between the 11 San Joaquin Valley Basin Point of Contact individuals with DWR staff
- Coordination of multiple joint grant contracts that include gathering well construction information and implementation of construction projects within each of GSAs, including multiple projects with DAC benefits

Some of the activities and actions implemented by the individual GSAs during Water Year 2023 include:

Central Kings GSA

- Consolidated Irrigation District executed an agreement with the California Department of Water Resources for $450,000 of Kings River Flood Emergency Funding for the removal of agricultural plantings on up 200 acres for the development new groundwater recharge basins utilizing Kings River floodwater.
- Consolidated Irrigation District purchased an additional 77 acres of farmland near DeWolf Ave and Kamm Ave in Fresno County for the construction of a groundwater recharge basin.
- Consolidated Irrigation District initiated construction of four new recharge basins totaling 160 acres utilizing approximately $5,000,000 of SGMA Grant Funding provided by the California Department of Water Resources.
    1. Central/Bethel Basin (20 acres) near the SDAC of Tombstone
    2. Adams/Academy Basin (40 acres)
    3. Huntsman Basin (40 acres)
    4. Mountain View Basin (60 acres)
- Consolidated Irrigation District removed agricultural plantings, constructed a 50-acre recharge basin, and installed temporary canal turnouts from the Halan Stevens Canal at the Nebraska Ave and Walnut Ave property in Fresno County.

James GSA

- Maximized on-farm and dedicated groundwater recharge using flood release and entitlement supplies within JGSA, with about 34,300 AF recharged in the water year.
- Worked with the City of San Joaquin, a DAC within the JGSA, to recharge for the first time within City facilities (630 AF).
- Banked about 6,200 AF through recharge in the FID/JID owned Southwest Banking Project site located within the McMullin GSA for future recovery by JID.
- Maximized in-lieu recharge to limit groundwater pumping for the JGSA member to less than 5,000 AF, including only 221 AF in deeded water rights locations outside the James GSA.
- Completed a dual-completion or nested monitor well (June 2023) on the edge of the James Bypass with monitoring below and above the Corcoran clay. Construction had partial funding from the SGM Grant program.

- Contracted with consultants for design and permitting for a check structure on the James Bypass Auxiliary Canal. JGSA has partial SGM Grant funding for the project to increase groundwater recharge in the GSA.
- Obtained temporary pumping facilities from DWR emergency funding to recharge flood release flows from the Kings River. Funding allowed for recharge to occur in areas not accessible by typical gravity methods and reduce downstream flows.
- Facilitated the additional delivery of over 11,200 AF of flood water outside James GSA boundaries working with partners, helping to supplement basin supply.

Kings River East GSA

- Improved canal system operations within Alta Irrigation District resulted in the 3rd largest headgate diversion since completion of Pine Flat Dam
- Alta Irrigation District continues working on implementing various elements of if Functional Aquifer Recharge Management program
- Landowners within Alta Irrigation District overwhelming supported a rate increase to fund construction of 200 acres of basins as part of its climate resiliency effort
- Improved water system reliability for the communities of Sultana and Monson by connecting their water systems

McMullin GSA

- Contracted for full-time Deputy General Manager.
- Conducted a successful renewal of the land-based assessment under Proposition 218 to assure continued financial security for the GSA with 0 “no” voted.
- Presented Vision 2023 – A review of accomplishment and a forward look for the 2023 year.
- Received an award of $2.8 Million from the BOR WaterSMART WEEG grant for assistance in the installation of 925 electromagnetic meters, telemetry and monitoring and data management services for landowner wells and for six additional weather stations.
- Cooperated with DWR and the Terranova Ranch in the diversion of flood waters from the Kings Bypass for ultimate recharge in the GSA (directly 5,600AF of total 19,000AF recharged) and acquired through ground lease a future storage and recharge facility. Cooperated with DWR for the removal and grinding of retired almond orchard under the Rip and Chip program.
- Initiated a new “On-Farm University” curriculum and completed the first cohort of instruction with landowners on the benefits and potential pitfalls of flood recharge.
- Participated in the QuenchCA partnership and conducted a Special Outreach campaign thanking the Governor and legislature for their attention to the need for additional flood diversion and recharge during excess flow regimes on local rivers
- Completed legal descriptions for landowner easements and final working drawings for the McMullin Expansion program.
- Progressed toward draft environmental documents for the Aquaterra Water Bank project with special attention to tribal concerns and archaeological interests.

North Fork Kings GSA

- Hired MLJ Environmental to create well registration software. Program is called Watermark and will add modules including viewing individual landowner LandIQ ET data and Water Accounting
- Delivered 1,564 acre feet of Section 215 Water from Friant Water Authority through Kings River Conservation District.

- Extensive water user outreach the first half of the year encouraging the use of surface water and flood water rather than pumping groundwater
- Initiated a study of a future allocation and transitional pumping for the GSA.
- Contracted with EKI Environmental as a third party hydrogeologist to assist with Confined Aquifer study
- Created a landowner recharge registration program to compile and track recharge by landowners within NFKGSA. Over 20 recharge registrations were received.
- Landowners within NFKGSA recharged approximately 75,600 acre-feet of water in 2023 and district intentional recharge activities totaled approximately 15,400 acre-feet in 2023.
- Attempted to utilize Governor's executive order for floodwater and discovered conveyance and capacity issues in multiple areas of the GSA.
- Initiated a GSA-wide conveyance study to assess conveyance and capacity issues within the GSA boundary

North Kings GSA

- 400 additional acres for future recharge basins(FID)
- Expanded surface water usage for recharge to Pinedale CWD and Malaga CWD
- 279 well permit applications for new proposed agricultural or domestic wells reviewed and coordinated on with Fresno County environmental health department
- GSA project solicitation – annual solicitation and updated project list for NKGSA
- Development of a well intake portal to allow individual landowners to provide well information
- Four policies adopted for reserves, auditor selection, investing, reporting
- Temporary interties flood interties with FID and FMFCD to reduce flood risk to Tulare Lake region given historic Kings River water year and flood emergency
- Recharged historic amounts of water given the historic Kings River water year
- Improvements to the Representative monitoring network including obtaining construction information, replacing monitoring wells and elevations to improve readings
- Construction of the Biola CSD turnout to allow surface water to be diverted to Biola Community Services District for recharge to mitigate for the groundwater pumping occurring within the District boundary
- Stakeholder engagement including e-blogs, social media and speaking engagements (conferences, meetings)
- Kerman Lions Park meter project to measure water delivered to the basin for recharge

South Kings GSA

- Utilized historical and new recharge basins and surface water deliveries from Consolidated Irrigation District to recharge approximately 4,000 Acre-Feet in the cities of Sanger and Kingsburg.
- Completed land acquisition, environmental and design work for new 15-acre dedicated groundwater recharge facility in North Sanger.
- Completed development of a 160 AF groundwater recharge basin in Fowler.
- Purchased 4,000 AF of surface water for groundwater recharge purposes.
- Began implementation of a groundwater recharge development impact fee program for new development following adoption of the DIF Study in the prior year.
- Completed construction of dedicated groundwater monitoring wells in the cities of Fowler and Parlier.

- As the cities within the South Kings GSA boundary annex new lands, the boundary of South Kings is increased and the other GSAs decrease. The South Kings has increased by about 655 acres. 450 of those acres are from Central Kings and more than 200 acres are from North Kings GSA. The GSAs will be finalizing the changes and sending boundary adjustments to DWR. These changes will continue as the cities grow, and updates will be provided to DWR annual regarding boundary changes.

7 Addressing Recommended Corrective Actions

The Kings Basin received its Determination Letter from DWR on August 4, 2023. The Basin meets monthly or more frequently to address the recommended corrective actions. The Basin will be addressing all recommended corrective actions in planned revisions to the GSPs that will be adopted by each GSA Board and submitted to DWR in January 2025 with the Basin's first Periodic Evaluation.

Basin wide efforts during the period of this annual report focused on development of the Domestic Well Mitigation Program, evaluation of Interconnected Surface Water, and investigation of confined aquifer pumping and conditions within the basin. These three significant data gap studies will continue in the 2024 water year and be the basis for updates to the GSPs. Work on the other remaining recommended corrective actions will be focused in the spring/summer of 2024 as the GSAs work to revise their GSPs.

The Domestic Well Mitigation Program is in development. The basin is evaluating other existing programs, reviewing published documents, identifying stakeholder concerns and considering funding alternatives. The plan will be further developed during water year 2024, and the basin plans to adopt and implement the program prior to the January 2025 revised GSPs.

For Interconnected Surface Water, the Kings Basin has initiated direct coordination with stakeholders on the San Joaquin and Kings Rivers regarding the study of interconnected surface water for those river systems. The Kings Basin initiated coordination with the Madera Basin has been meeting regularly with the Madera Basin to develop a consistent approach for the study of the impact of groundwater pumping on surface water depletion. The two basins have met with the San Joaquin River Restoration Program and Friant Water Authority regarding available data and the need to further investigate the various sources of losses along the river. The basin will continue to meet with the stakeholders to further the data gap studies identified in the GSPs. An update to the data gap studies and stakeholder engagement will be described in greater detail in the planned revisions to the GSPs in 2025.

For the confined aquifer study, work was started on the land subsidence data gap analysis. This data gap analysis includes collection and analysis of data to better understand the causes of land subsidence and improve long term monitoring. The GSAs currently lack specific information on the confined aquifer that would help improve the prediction and management of land subsidence. Specifically, the quantity of water pumped from the confined aquifer, potentiometric surface maps, and confined aquifer flow patterns within the subbasin are not well known. The study area has been defined and the three GSAs affected by subsidence (NFKGSA, MAGSA, and JGSA) have started reviewing the well information and identifying the confined and composite wells. This work will continue into 2024.

The individual GSAs continued their ongoing stakeholder outreach and engagement processes through social media, speaking engagement, special meetings and more. The basin as a whole provide press releases direct outreach related to the annual report, GSP approval determination, and historic groundwater recharge performed during the water year.

8 References

California Department of Water Resources, *California Water Plan Update – 2018*, Bulletin 160-18, 2019.

California Department of Water Resources, *Effective Precipitation - A Field Study to Assess Consumptive Use of Winter Rains by Spring and Summer Crops*, February 1989.

Cal Poly Irrigation Training and Research Center, "*Irrigation Water Balance Fundamentals*", USCID Conference on Benchmarking Irrigation System Performance Using Water Measurement and Water Balances, San Luis Obispo, March 10, 1999.

Appendix A – Water Supply Data

Kings Groundwater Basin
Groundwater Extractions

Basin Number	Water Year	Total Groundwater Extractions (AF)	Water Use Sector Urban (AF)	Water Use Sector Industrial (AF)	Water Use Sector Agricultural (AF)	Water Use Sector Managed Wetlands (AF)	Water Use Sector Managed Recharge (AF)[1]	Water Use Sector Native Vegetation (AF)	Water Use Sector Other (AF)	Water Use Sector Other Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	863,611	147,089	0	716,301	0	651,277	0	221	JID Wells Pumped in McMullin GSA

Notes: 1 - Recharge only include intentional recharge. Other sources of groundwater recharge including canal seepage, pipeline leakage and wastewater effluent recharge occur in the Subbasin, but are not included in the value above.

Kings Groundwater Basin
Groundwater Extraction Methods

Basin Number	Water Year	Meters Volume (AF)	Meters Description	Meters Type	Meters Accuracy (%)	Meters Accuracy Description	Electrical Records Volume (AF)	Electrical Records Description	Electrical Records Type	Electrical Records Accuracy (%)	Electrical Records Accuracy Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	109,923	Flow meters	Direct	0-5%	Typical accuracy for propeller and magnetic meters	0	-	-	-	-

Basin Number	Water Year	Land Use Volume (AF)	Land Use Description	Land Use Type	Land Use Accuracy (%)	Land Use Accuracy Description	Groundwater Model Volume (AF)	Groundwater Model Description	Groundwater Model Type	Groundwater Model Accuracy (%)	Groundwater Model Accuracy Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	711,988	Calculated pumping from crop water demands minus surface water deliveries	Estimate	10-20%	Based on accuracy of Crop evapotranspiration estimates	0	-	-	-	-

Basin Number	Water Year	Other Method(s) Volume (AF)	Other Method(s) Description	Other Method(s) Type	Other Method(s) Accuracy (%)	Other Method(s) Accuracy Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	41,700	Rural domestic pumping estimated based on vegetated area and standard indoor use	Estimate	10-20%	Accuracy based on professional judgement

Kings Groundwater Basin
Surface Water

Basin Number	Water Year	Methods Used To Determine	Water Source Type Central Valley Project (AF)	Water Source Type State Water Project (AF)	Water Source Type Colorado River Project (AF)	Water Source Type Local Supplies - Kings River (AF)	Water Source Type Local Imported Supplies (AF)	Water Source Type Recycled Water (AF)	Water Source Type Desalination (AF)	Water Source Type Other (AF)	Water Source Type Other Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	Flumes and water meters	132,639	0	0	1,719,500	0	7,166	0	77,914	Riparian diversions and stormwater

Kings Groundwater Basin
Total Water Use

Basin Number	Water Year	Total Water Use (AF)	Methods Used To Determine	Water Source Type Groundwater (AF)	Water Source Type Surface Water (AF)	Water Source Type Recycled Water (AF)	Water Source Type Reused Water (AF)	Water Source Type Other (AF)	Water Source Type Other Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	2,800,830	Sum of all water supplies	863,611	1,852,139	7,166	0	77,914	Riparian water diversions

Basin Number	Water Year	Water Use Sector Urban (AF)	Water Use Sector Industrial (AF)	Water Use Sector Agricultural (AF)	Water Use Sector Managed Wetlands (AF)	Water Use Sector Managed Recharge (AF)[1]	Water Use Sector Native Vegetation (AF)	Water Use Sector Other (AF)	Water Use Sector Other Description
5-022.08	2023 (Oct. 2022 - Sept. 2023)	261,422	0	1,886,596	0	651,277	0	221	JID Wells Pumped in McMullin GSA

Notes: 1 - Recharge only include intentional recharge. Other sources of groundwater recharge including canal seepage, pipeline leakage and wastewater effluent recharge occur in the Subbasin, but are not included in the value above.

Appendix B – Groundwater Level Data

Unique Well ID	Site Code	Measuring Agency	Local Well ID	GSA	IM_Elev_2025	IM_Elev_2030	IM_Elev_2035	MO_Elev	MT_Elev	WSE Fall '23	DTW Fall '23	WSE Sp. '23	DTW Sp. '23	WSE Fall '22	DTW Fall '22	WSE Sp. '22	DTW Sp. '22
CID06	366923N1196067W001	CID	6	CKGSA	280.4	277.6	275.8	275.2	232.8	274.7	70.0	268.5	76.2	272.0	72.7	272.4	72.3
CID28R	365764N1195754W001	CID	28	CKGSA	248.6	244.1	241.1	240.1	203.3	242.2	79.0	238.4	82.8				
CID31	365772N1194782W001	CID	31	CKGSA	269.1	266.0	263.9	263.2	234.4			270.7	58.1	265.7	63.1	260.4	68.4
CID32*	365464N1195041W001	CID	32	CKGSA	255.9	252.1	249.5	248.7	217.3	262.7	58.0	253.5	67.2	246.8	73.9	255.5	65.2
CID41*	364886N1195393W001	CID	41	CKGSA	265.3	263.6	262.4	262.1	230.2	272.2	20.9	254.7	38.4	255.3	37.8	251.0	42.1
CID48*	365185N1197597W001	CID	48	CKGSA	97.2	87.7	81.4	79.4	39.0	95.6	160.7	101.0	155.3	97.3	159.0	108.5	147.8
CID56	365466N1198274W001	CID	56	CKGSA	58.2	46.4	38.6	36.1	-9.3	61.8	187.7	65.8	183.7	65.3	184.2	73.9	175.6
CID62R	365183N1196471W001	CID	62	CKGSA	187.2	181.7	178.1	176.9	141.1	174.1	108.2	189.9	92.4				
CID65	365764N1196824W001	CID	65	CKGSA	213.8	204.1	197.6	195.5	158.0	213.4	83.9	212.6	84.7	217.0	80.3	220.7	76.6
CID67	365763N1197550W001	CID	67	CKGSA	145.0	139.1	135.1	133.8	110.8	138.1	129.1	141.2	126.0	142.2	125.0	149.6	117.6
CID74*	366055N1198274W001	CID	74	CKGSA	109.9	103.2	98.7	97.2	64.2	102.5	154.7	107.8	149.3	107.4	149.7	115.3	141.8
1010034-002*	366064N1201893W001	JID	1010034-002	JIDGSA	19.1	11.2	6.2	3.9	-22.4	55.5	112.3	56.7	111.1	35.6	132.2		
15S16E28A003M	366022N1202260W003	JID		JIDGSA	69.8	67.4	65.8	65.3	40.0	77.4	89.7	67.4	99.7	71.5	95.6	58.4	109.9
15S16E29N001M*	365883N1202602W001	JID	Horn	JIDGSA	11.2	-4.2	-14.4	-17.7	-77.0	62.8	109.5	52.8	119.5	47.1	125.2	51.2	120.0
16S17E04P001M*	365613N1201263W001	JID	D12	JIDGSA	-23.1	-29.5	-33.7	-35.1	-59.7	0.9	173.5	0.9	173.5	-9.9	184.3	-14.1	188.5
366502N1201782W001*	366502N1201782W001	JID	C65	JIDGSA	2.1	-8.9	-16.2	-18.5	-61.0	46.5	119.7	51.7	114.5	-29.9	196.1		
105B		AID	105B	KREGSA	263.0	260.8	259.3	258.9	217.3	252.2	88.6	251.1	89.6	250.0	90.7	256.0	84.7
14S24E17C001MX	367193N1193882W001	OCID	17C1	KREGSA	443.1	439.9	437.8	437.1	424.8	449.6	13.4	446.3	16.6	437.8	25.1	439.4	23.5
15S24E11A001MX	366457N1193268W001	OCID	11A1	KREGSA	410.7	409.9	409.4	409.2	376.5	423.6	6.3	420.9	9.0	397.4	32.5	402.1	27.8
15S25E19A001MX	366166N1192874W001	OCID	19A1	KREGSA	407.4	405.6	404.4	404.0	361.5	420.6	37.8	405.9	52.5	392.6	65.8	405.8	52.6
16S25E10J001MX	365513N1192370W001	OCID	10J1	KREGSA	357.7	355.2	353.5	353.0	303.0	375.5	46.8	377.8	44.5	341.9	80.4	352.3	70.0
193B		AID	193B	KREGSA	127.7	123.9	121.4	120.6	68.1	147.3	126.8	137.3	136.8	117.6	156.5	123.8	150.3
B013B	367165N1194474W001	AID	B013B	KREGSA	372.2	371.5	371.1	370.9	362.5	380.1	15.7	374.9	20.9	365.7	30.1	364.4	31.4
H020A	366767N1194568W001	AID	4A	KREGSA	310.1	307.1	305.1	304.5	279.1	306.9	53.3	302.9	57.2	303.9	56.3	304.0	56.2
I045A	366616N1193874W001	AID	I045A	KREGSA	325.9	321.8	319.2	318.3	264.9	327.9	71.5	314.3	85.1	302.4	97.0	318.4	81.0
I055A	366175N1194104W001	AID	I055A	KREGSA	266.1	262.7	260.5	259.8	224.6	260.3	103.2	266.3	97.2	255.8	107.7	268.8	94.7
I073A	365736N1194510W001	AID	I073A	KREGSA	245.4	238.4	233.8	232.4	205.7	267.3	70.4	266.1	71.6	261.3	76.3	265.4	72.3
K086B	365283N1194482W001	AID	80	KREGSA	200.5	189.5	182.1	179.8	137.3	231.4	85.0	221.8	94.6	217.6	98.8	224.9	91.5
KRWD04	366697N1194960W001	KRWD	KRWD04	KREGSA	318.7	318.4	318.2	318.2	314.6	320.7	18.0	318.7	20.0	311.7	27.0	315.7	23.0
M065A	365889N1193863W001	AID	M065A	KREGSA	261.4	254.6	250.0	248.6	205.8			249.2	113.4	239.9	122.8	253.7	108.9
M130B*	365058N1193952W001	AID	M130B	KREGSA	229.7	225.5	222.6	221.7	163.1	225.8	90.8	214.4	102.2	209.0	107.6	214.0	102.5
O123A	365305N1193254W001	AID	O123A	KREGSA	286.4	279.9	275.6	274.2	209.7	284.0	68.2	266.0	86.2	259.1	93.1	270.2	82.0
T136A*	364941N1193151W001	AID	T136A	KREGSA	262.7	254.7	249.4	247.7	177.7	306.5	31.3	255.0	82.9	252.1	85.7		
T139A	365591N1193007W001	AID	T139A	KREGSA	293.6	286.0	280.9	279.3	250.1	310.6	75.1	294.0	91.6	275.4	110.3	299.3	86.3
X156A	364875N1192394W001	AID	X156A	KREGSA	274.6	267.2	262.2	260.7	231.1	287.0	61.4	284.1	64.2	282.5	65.9	282.3	66.0
X176A	364586N1194342W001	AID	X176A	KREGSA	156.6	144.3	136.1	133.5	84.4	173.4	116.6	172.8	117.2	170.1	119.9	178.8	111.1
X211A		AID		KREGSA	194.9	179.8	169.7	166.6	108.5	206.9	104.4	196.9	114.3	190.7	120.5	198.8	112.4
X218B	364425N1193860W001	AID	143	KREGSA	207.7	198.0	191.6	189.6	143.3	238.8	51.5	217.1	73.2	208.6	81.7	210.7	79.6
X234B	364508N1192910W001	AID	X234B	KREGSA	211.9	201.8	195.1	193.0	154.1	233.1	94.7	215.2	112.6	212.0	115.9	215.5	112.4
14S17E05C001MX	367477N1201460W001	FID	FD5D1	MAGSA	74.2	69.1	65.7	64.6	44.9	73.9	129.0	80.1	124.0	69.5	135.8	79.0	124.0
15S17E13R002M*	366196N1200632W001	JID	15S17E13R002M	MAGSA	-47.0	-55.8	-61.8	-63.6	-97.8	-33.0	222.7	-29.3	219.0	-33.6	223.3	-26.8	216.5
15S18E30L001M*	365963N1200529W001	JID	15S18E30L001M	MAGSA	-73.7	-84.0	-90.9	-93.1	-132.7	-50.5	238.3	-42.7	230.5	-73.7	261.5	-54.8	242.6
365463N1199268W001	365463N1199268W001	MAGSA	16S19E17C001M	MAGSA	-25.6	-33.1	-38.1	-39.7	-80.0	-27.7	243.1	-22.6	238.0	5.8	214.9	-15.4	236.1
366082N1201199W001	366082N1201199W001	JID	15S17E21J001M	MAGSA	-51.6	-63.3	-71.0	-73.5	-118.5	-4.7	181.9	-12.3	189.5	-18.1	195.3	-11.4	185.9
366188N1199104W001	366188N1199104W001	MAGSA	15S19E21C003M	MAGSA	68.9	64.2	61.0	60.0	28.4	53.6	178.8	59.4	173.0	48.0	186.6	62.1	172.5
367488N1202374W001	367488N1202374W001	MAGSA	14S16E04D001M	MAGSA	46.7	38.6	33.2	31.5	0.5	88.6	79.0	101.1	66.5	50.8	122.1		
367705N1202691W001	367705N1202691W001	MAGSA	13S16E30L003M	MAGSA	44.2	35.9	30.4	28.6	-40.5	86.0	82.5	97.5	71.0	58.5	110.6	59.9	109.2
367757N1201874W001	367757N1201874W001	MAGSA	13S16E26A001M	MAGSA	101.8	94.7	89.9	88.4	12.7	95.5	99.8	112.3	83.0	74.4	119.0	88.4	105.0
367782N1202141W001	367782N1202141W001	MAGSA	13S16E27C001M	MAGSA	100.7	95.4	91.8	90.7	42.6	98.3	85.5	102.8	81.0	82.0	106.4	92.1	96.3
A07	366900N1202000W001	MAGSA	A07	MAGSA	69.5	59.9	53.5	51.5	14.7	84.2	85.1	83.8	85.5	75.5	93.9	78.9	90.5
A15		MAGSA	A15	MAGSA	14.9	10.2	7.1	6.1	-39.9	20.6	165.9	42.5	144.0				
A17	367051N1200788W001	MAGSA	A17	MAGSA	56.3	51.2	47.8	46.7	24.1	50.0	160.0	50.1	159.9	104.8	105.3	50.7	159.4
A23	366500N1201000W001	MAGSA	A23	MAGSA	-27.1	-36.5	-42.8	-44.8	-81.1	-6.7	195.6	3.6	185.4	3.0	186.0		
A24	366544N1201561W001	MAGSA	A24	MAGSA	3.2	-3.5	-7.9	-9.3	-34.9	34.3	138.6	42.3	130.6	-14.7	188.0	-12.7	186.0
A30	365800N1200900W001	MAGSA	A30	MAGSA	-44.4	-50.0	-53.7	-54.9	-135.7	-32.2	209.7	-34.5	212.0	-91.1	269.0		
A32		MAGSA	A32	MAGSA	65.0	57.5	52.5	51.0	16.6	67.5	159.0	59.4	167.0	29.1	197.0		
A34	366600N1200200W001	MAGSA	A34	MAGSA	37.7	30.8	26.2	24.8	-23.2	27.6	186.1	28.7	185.0	24.1	190.9	95.0	120.0
A46	366481N1198988W001	MAGSA	A46	MAGSA	83.3	79.3	76.5	75.7	43.2	96.9	142.1	103.8	135.2				
A51	366031N1199215W001	MAGSA	A51	MAGSA	26.2	19.9	15.7	14.4	-9.9	16.7	211.5					28.8	199.7
A53	365700N1199500W001	MAGSA	A53	MAGSA	-39.1	-49.2	-56.0	-58.1	-97.3	-26.8	237.2	-30.1	240.5	-37.9	249.0	-30.7	241.8

Unique Well ID	Site Code	Measuring Agency	Local Well ID	GSA	IM_Elev_2025	IM_Elev_2030	IM_Elev_2035	MO_Elev	MT_Elev	WSE Fall '23	DTW Fall '23	WSE Sp. '23	DTW Sp. '23	WSE Fall '22	DTW Fall '22	WSE Sp. '22	DTW Sp. '22
A58	365400N1200000W001	MAGSA	A58	MAGSA	-70.3	-86.6	-97.4	-100.8	-163.3	-66.6	257.5	-57.6	248.5	-82.2	274.6	-58.3	250.7
A62	365525N1198633W001	MAGSA	A62	MAGSA	27.5	17.5	10.9	8.8	-29.5	62.3	174.0	48.2	188.1	32.8	203.5	41.3	195.0
364591N1200135W001	364591N1200135W001	NFKGSA	17S18E09R001M	NFKGSA	-61.2	-75.2	-84.5	-87.4	-126.1	-8.0	200.5	-11.8	204.3	-31.2	223.7	-51.4	243.9
364603N1197510W001*	364603N1197510W001	LWD	17S20E12Q001M	NFKGSA	45.4	31.2	21.8	18.8	-35.5					88.8	158.7		
364667N1197041W001	364667N1197041W001	LWD	17S21E09M001M	NFKGSA	108.3	98.9	92.7	90.7	40.2	115.5	135.4	119.1	131.8	107.3	143.6	132.9	118.0
364668N1198257W001	364668N1198257W001	LWD	17S20E08L001M	NFKGSA	2.1	-12.0	-21.4	-24.4	-78.6	36.6	192.6	37.4	191.8				
364682N1198732W001	364682N1198732W001	LWD	17S19E11H001M	NFKGSA	-21.5	-36.6	-46.7	-49.8	-93.0	12.8	205.5	22.1	196.2	-7.7	226.0	3.1	215.2
364739N1196227W001	364739N1196227W001	LID	17S22E07A001M	NFKGSA	147.1	137.7	131.4	129.4	81.2	170.1	102.5	168.6	104.0	167.7	104.9	180.6	92.0
364813N1198968W001	364813N1198968W001	LWD	17S19E03L001M	NFKGSA	-25.7	-38.0	-46.1	-48.7	-96.0	18.7	197.0			10.6	205.1	14.6	201.1
364816N1197785W001	364816N1197785W001	LID	17S20E02M001M	NFKGSA	51.5	34.1	22.5	18.8	-23.4	79.7	156.5	74.2	162.0	73.3	162.9	84.2	152.0
364893N1200127W001	364893N1200127W001	NFKGSA	16S18E33Q001M	NFKGSA	-71.0	-86.6	-96.9	-100.2	-145.2	-32.5	231.2	-29.6	228.3	-47.2	245.9	-51.0	249.8
364916N1198366W001	364916N1198366W001	LWD	16S20E31P001M	NFKGSA	-5.4	-19.7	-29.2	-32.2	-72.3	45.0	192.4	32.8	204.6	28.3	209.1	36.6	200.8
364960N1197554W001	364960N1197554W001	LWD	16S20E35J001M	NFKGSA	76.3	63.3	54.6	51.9	16.9	85.3	162.2						
364967N1197193W001	364967N1197193W001	LWD	16S21E31J001M	NFKGSA	102.3	91.2	83.8	81.5	38.9	107.3	148.4	114.8	140.9	111.8	143.9	119.0	136.7
365143N1198529W001	365143N1198529W001	LWD	16S19E25B001M	NFKGSA	16.4	3.1	-5.7	-8.5	-59.7								
365150N1197327W001	365150N1197327W001	LWD	16S21E30C001M	NFKGSA	102.8	91.5	84.0	81.6	38.3	108.0	149.7	116.2	141.5	111.7	146.0		
B06	365318N1201136W001	NFKGSA	B06	NFKGSA	-14.3	-22.6	-28.1	-29.8	-61.8	-4.5	184.6	-7.7	187.8	-22.5	202.6	-9.2	189.2
B22	364659N1200854W001	NFKGSA	B22	NFKGSA	-17.4	-22.5	-25.9	-26.9	-49.6	-9.8	205.8	-10.4	206.3	-18.0	213.9	-20.8	216.7
B31	364156N1200130W001	NFKGSA	B31	NFKGSA	-4.8	-18.2	-27.1	-29.9	-81.4	11.8	192.9	6.0	198.7	-1.9	206.6	4.0	200.7
LID07*	364002N1197624W001	LID	18S20E02A001M	NFKGSA	29.0	11.7	0.1	-3.4	-55.0	75.5	154.0	77.5	152.0	61.5	168.0	75.5	154.0
LID14	364000N1198100W001	LID	LID14	NFKGSA	39.9	30.9	24.9	23.0	-12.1	50.5	174.0	51.5	173.0	29.8	194.7	47.5	177.0
LID21	363752N1198257W001	LID	LID21	NFKGSA	46.3	35.8	28.8	26.6	-20.5	52.6	162.0	50.6	164.0	20.4	194.2	51.6	163.0
LID25	363400N1198800W001	LID	LID25	NFKGSA	3.1	-18.5	-33.0	-37.5	-120.9	5.2	198.0	-8.8	212.0	-69.1	272.3	-21.8	225.0
LID26	363800N1199000W001	LID	LID26	NFKGSA	-5.9	-17.8	-25.8	-28.3	-74.3	20.1	180.0	-41.9	242.0	-32.8	232.9	-26.9	227.0
12S19E33P001MX	368408N1199053W001	COF	FC160	NKGSA	191.8	188.4	186.2	185.5	172.6	200.8	100.2	197.7	103.3	198.6	102.4	195.9	105.0
12S19E36J001MX	368446N1198395W001	COF	FC091	NKGSA	169.1	162.8	158.6	157.3	133.1	176.8	155.0	179.5	152.3	171.8	160.0	177.8	154.0
12S20E23M001MX		COF	FC143	NKGSA	194.7	188.2	183.8	182.4	157.1	202.3	153.5	200.7	155.1			200.1	154.1
12S20E34K001MX	368436N1197745W001	COF	FC092	NKGSA	177.3	169.9	164.9	163.4	134.8	191.2	168.9	200.9	159.2	188.1	172.0	150.9	209.2
13S17E25C001MX	367785N1200704W001	FID	FD25C1	NKGSA	145.9	145.3	145.0	144.9	86.1			131.8	100.1	129.3	102.6		
13S17E33M001MX	367568N1201327W001	FID	FD32H1	NKGSA	93.7	91.6	90.2	89.7	36.6	85.7	124.4	85.7	124.4	80.7	129.4		
13S19E11L001MX	368127N1198728W001	COF	FC035A	NKGSA	173.6	168.1	164.4	163.2	141.7	178.4	126.3	179.0	125.7	175.6	128.9	179.3	125.2
13S19E29A001MX	367760N1199171W001	FID	FD29A1	NKGSA	169.3	165.2	162.4	161.6	137.8	164.2	102.7	166.2	100.7	164.7	102.2		
13S20E27C001MX	367791N1197822W001	COF	FC069	NKGSA	169.9	165.3	162.2	161.3	143.7	193.8	116.3	192.6	117.5	192.1	118.0	192.5	117.6
13S20E30B001MX	367789N1198333W001	COF	FC074	NKGSA	173.4	168.2	164.7	163.6	143.6	183.5	120.5	183.8	120.2	182.8	121.2	185.0	119.0
13S21E19E001MX	367889N1197319W001	COF	FC080	NKGSA	175.3	163.0	154.9	152.3	105.1	234.0	100.8	221.6	113.2	220.8	114.0	206.6	128.2
13S22E07R001MX	368106N1196143W001	FID	FD07R1	NKGSA	323.3	318.0	314.4	313.3	292.8	331.1	60.5	331.1	60.5			324.1	67.5
13S22E32A001MX	367644N1195963W001	FID	FD32A1	NKGSA	304.3	297.8	293.4	292.1	265.8	307.1	63.7	310.1	60.7	305.1	65.7	310.6	60.2
13S23E30C001MX	367789N1195107W001	FID	FD30B1	NKGSA	397.6	397.6	397.6	397.6	372.1	400.8	10.0	406.6	4.2	376.6	34.2	386.1	24.7
13S23E33B001MX	367606N1194707W001	FID	FD33B1	NKGSA	412.0	410.2	409.1	408.7	401.9	420.9	10.9	427.4	4.4	413.4	18.4	410.9	20.9
14S18E15M001MX		FID	FD15E1	NKGSA	129.4	127.6	126.4	126.0	75.2	108.4	122.5	101.9	129.0	101.9	129.0	112.5	121.0
14S18E32D001MX	366766N1200377W001	FID	FD32D1	NKGSA	50.1	48.4	47.3	47.0	4.9	37.1	175.2	41.6	170.7	26.6	185.7	39.6	172.7
14S19E17C001MX	367205N1199257W001	FID	FD17C1	NKGSA	154.6	153.1	152.1	151.8	106.8	151.0	98.9	152.0	97.9	149.0	100.9	153.5	96.4
14S19E33D001MX	366771N1199160W001	FID	FD33D1	NKGSA	148.9	147.0	145.8	145.4	102.0			152.5	87.0			156.0	86.0
14S20E10M001MX	367282N1197866W001	COF	FC003	NKGSA	182.1	179.0	176.9	176.2	164.1	188.4	103.0	187.4	104.0	178.3	110.0	184.8	103.5
14S20E14L001MX		COF	FC036	NKGSA	193.2	190.4	188.5	187.9	169.1	192.4	95.7	192.2	95.9	189.3	98.8	188.1	100.0
14S21E06Q001MX	367378N1197250W001	COF	FC077	NKGSA	188.6	182.2	177.9	176.5	151.7	207.6	104.5	205.9	106.2	203.7	108.4	208.9	103.2
14S21E11L001MX		FID	FD11N1	NKGSA	248.5	246.2	244.7	244.2	225.7	243.8	90.4	247.3	86.9	245.3	88.9	249.9	86.9
15S19E02M001MX	366555N1198807W002	FID	FD03J1	NKGSA	126.4	122.7	120.2	119.4	79.2	118.1	124.8	120.1	122.8	112.6	130.3	120.1	122.8
15S19E14M001MX	366246N1198802W001	FID	FD14M1	NKGSA	97.9	94.9	92.9	92.2	56.9	84.3	157.0	85.3	156.0	67.8	173.5	87.3	154.0
15S20E07Q001MX	366359N1198359W001	FID	FD07P1	NKGSA	128.4	124.4	121.8	121.0	76.5	126.9	125.3	128.4	123.8	122.4	129.8		
15S20E13E001MX	366282N1197529W001	FID	FD13E2	NKGSA	183.8	179.9	177.3	176.5	142.5	176.6	105.5	177.1	105.0	178.1	104.0	182.1	100.0
367556N1196666W001	367556N1196666W001	FID	13S21E34J002M	NKGSA	251.3	245.3	241.4	240.1	217.2	267.5	73.0	265.5	75.0	264.0	76.5		
367638N1200057W001	367638N1200057W001	FID	13S18E34D001M	NKGSA	155.2	152.5	150.7	150.1	87.3	149.8	99.0	143.8	105.0	142.3	106.5	135.8	113.0
368093N1199988W001	368093N1199988W001	FID	13S18E10P001M	NKGSA	171.7	169.4	167.8	167.4	126.0	179.5	81.2	173.5	87.2	170.5	90.2	171.5	89.2
368377N1196479W001	368377N1196479W001	FID	12S21E35Q001M	NKGSA	313.7	310.7	308.7	308.1	296.4	314.3	83.1	315.9	81.5	312.6	82.5	315.1	80.0
368571N1197002W001	368571N1197002W001	FID	FC29K1	NKGSA	295.3	289.7	286.0	284.8	263.2	303.5	78.0	292.5	89.0	296.5	85.0	293.5	88.0
368572N1195413W001	368572N1195413W001	FID	FC26L1	NKGSA	449.6	445.7	443.2	442.4	426.4								
368683N1196185W001*	368683N1196185W001	FID	FC19N1	NKGSA	393.5	390.1	387.9	387.2	364.8	408.1	32.5	408.6	32.0	395.6	45.0	371.1	69.5
CID10	366921N1195474W001	CID	10	SKGSA	315.9	314.1	312.9	312.6	288.9	315.1	51.5	311.7	54.9	312.5	54.1	311.8	54.8
CID12	366631N1195743W001	CID	12	SKGSA	268.3	259.7	254.0	252.2	216.3	276.0	67.4	275.5	67.9	269.8	73.6	279.1	64.3

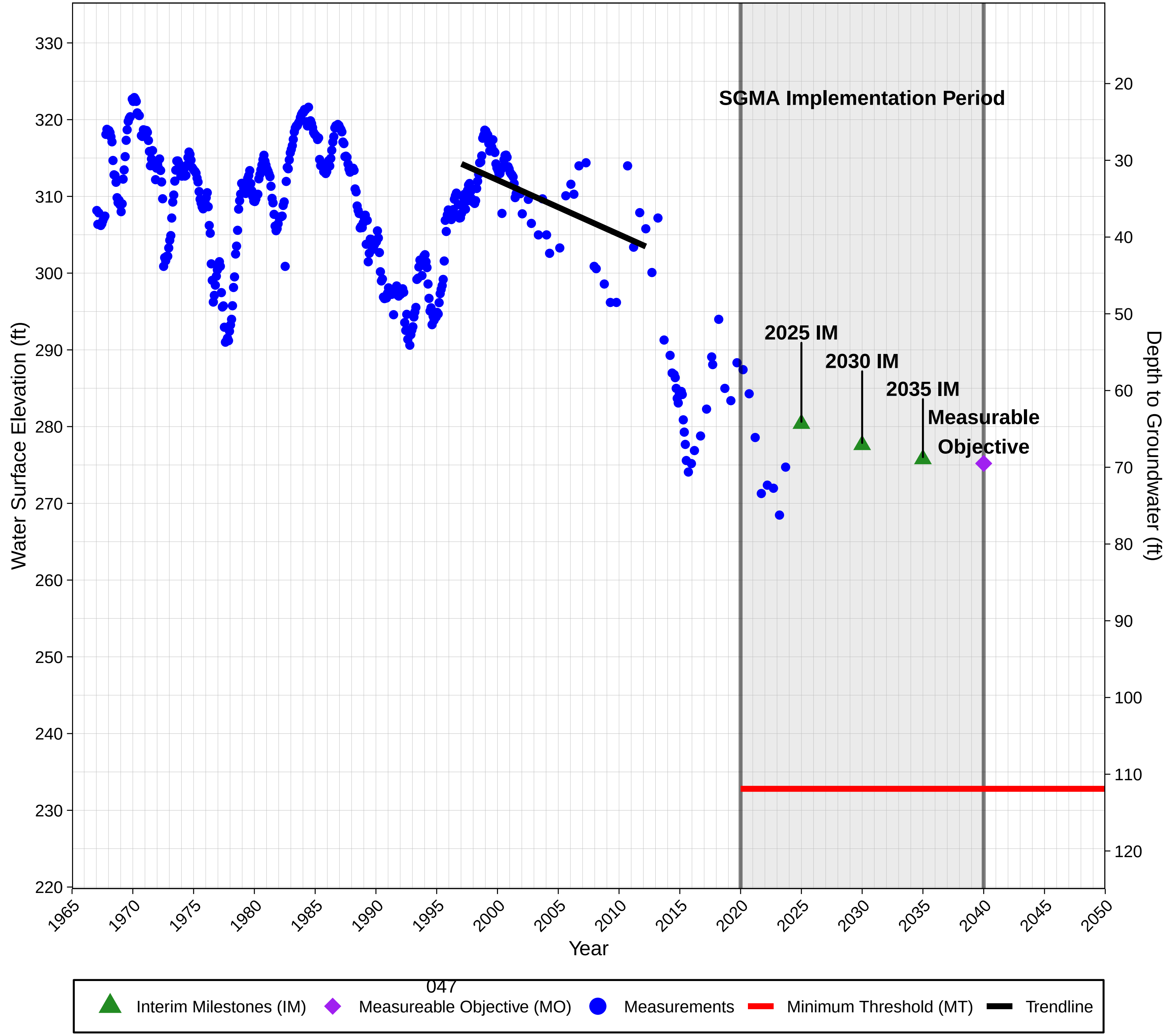
Unique Well ID	Site Code	Measuring Agency	Local Well ID	GSA	IM_Elev_2025	IM_Elev_2030	IM_Elev_2035	MO_Elev	MT_Elev	WSE Fall '23	DTW Fall '23	WSE Sp. '23	DTW Sp. '23	WSE Fall '22	DTW Fall '22	WSE Sp. '22	DTW Sp. '22
CID16	366339N1196479W001	CID	16	SKGSA	238.2	234.0	231.2	230.3	214.2	231.0	89.0	231.0	89.0	230.1	89.9	237.1	82.9
CID25	366015N1195750W001	CID	25	SKGSA	253.6	248.8	245.5	244.5	202.8	254.3	74.9	247.1	82.1	245.8	83.4	253.0	76.2
CID34*	365183N1195396W001	CID	34	SKGSA	237.1	233.0	230.3	229.5	196.9	235.5	66.5	230.9	71.1	232.2	69.8	237.7	64.3

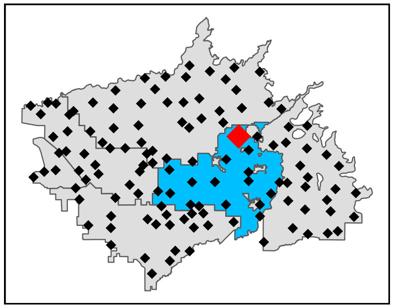
* = Historic Water Level data, Measurable Objectives, Minimum Thresholds and Interim Milestones for these wells adjusted based on 2022 well elevation survey.

CID = Consolidated Irrigation District
JID = James Irrigation District
OCID = Orange Cove Irrigation Dsitrict
AID = Alta Irrigation District
KRWD = Kings River Water District
FID = Fresno Irrigation District
MAGSA = McMullin Area GSA
LWD = Liberty Water District
NFKGSA = North Fork Kings GSA
LID = Laguna Irrigation Distrcit
COF = City of Fresno

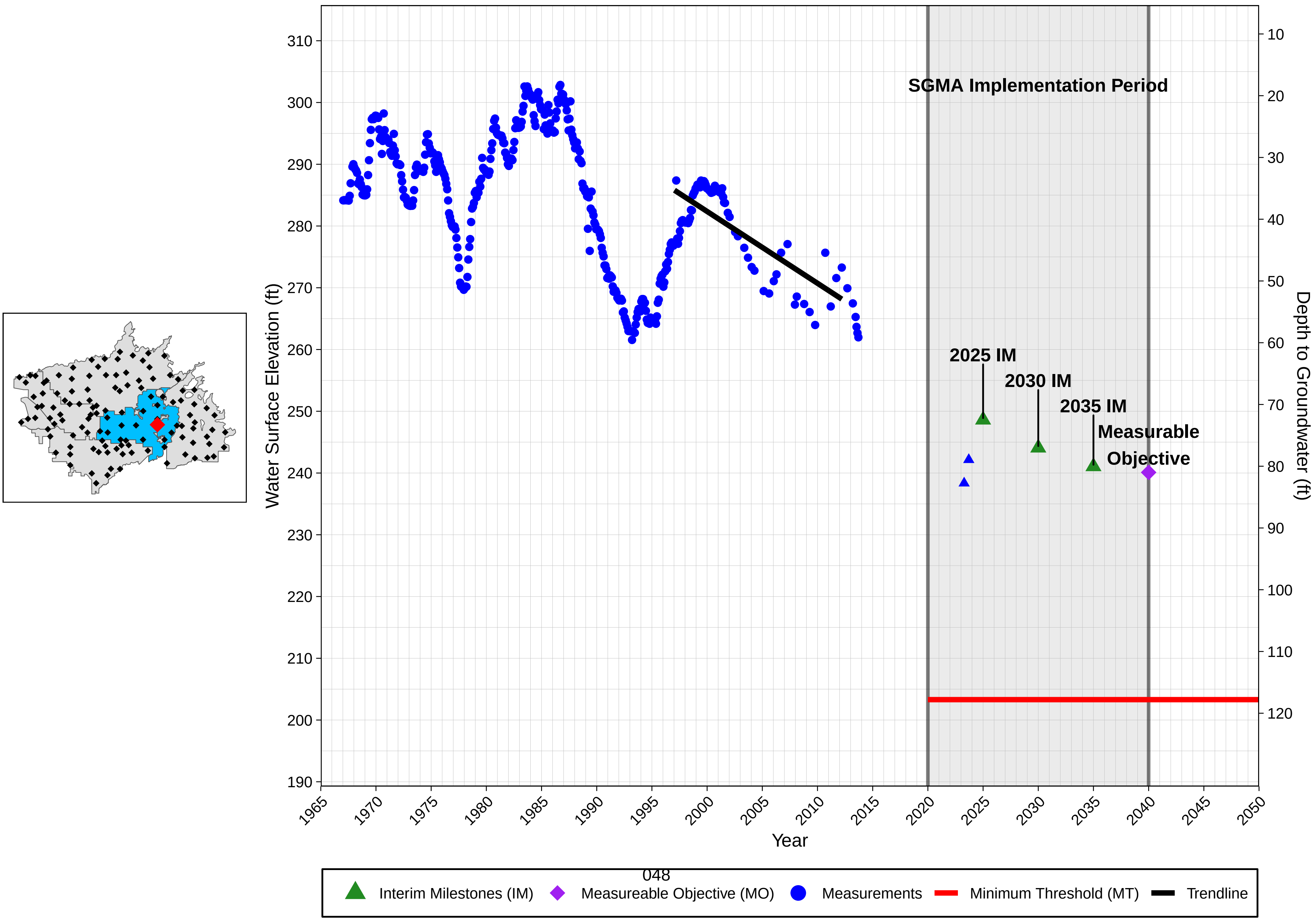
Appendix C – Groundwater Indicator Well Hydrographs

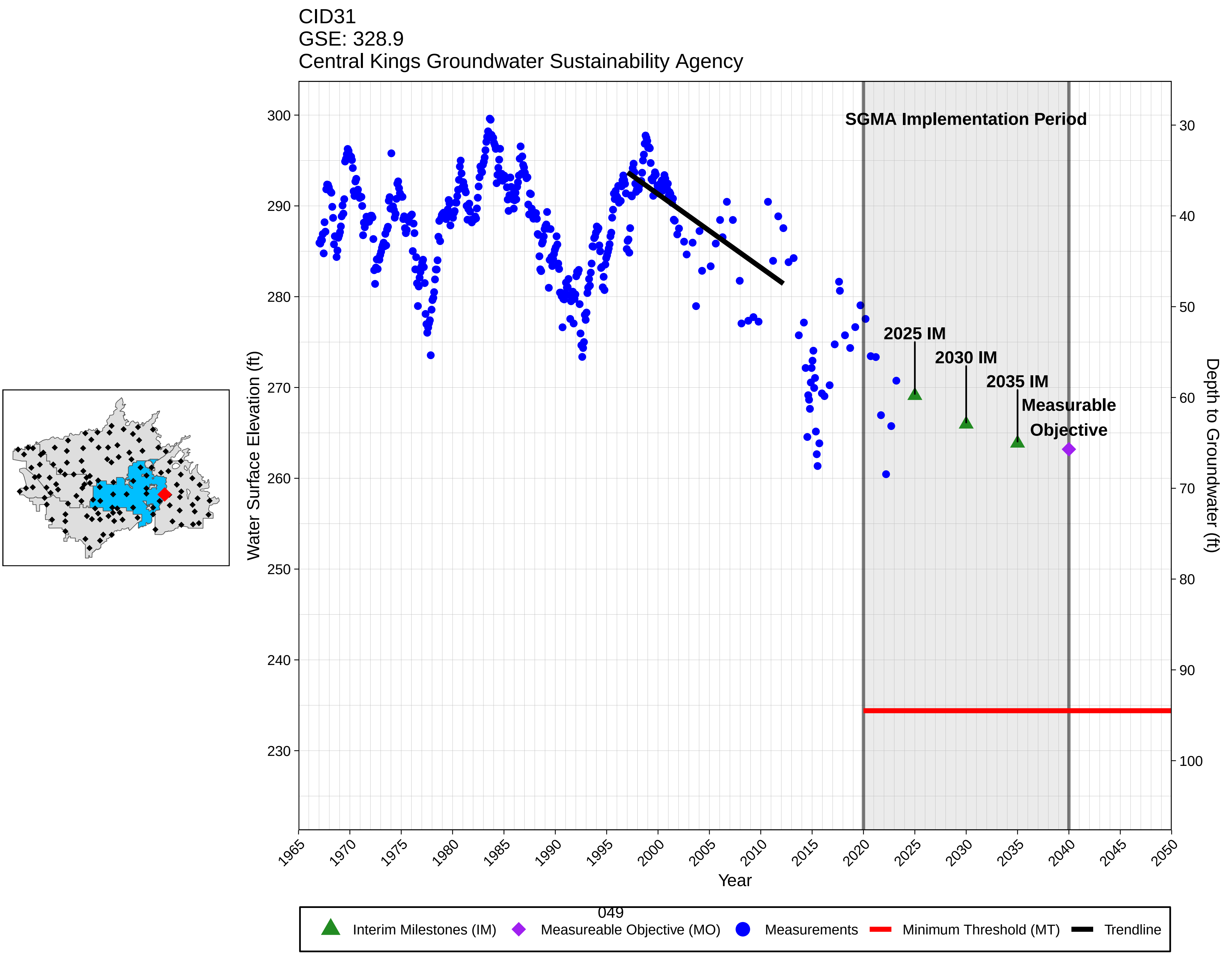
CID06
GSE: 344.7
Central Kings Groundwater Sustainability Agency



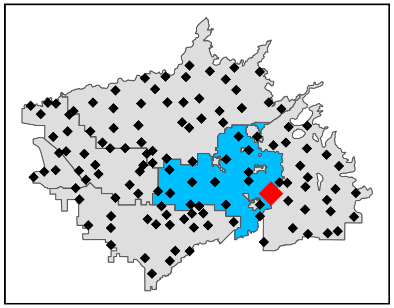


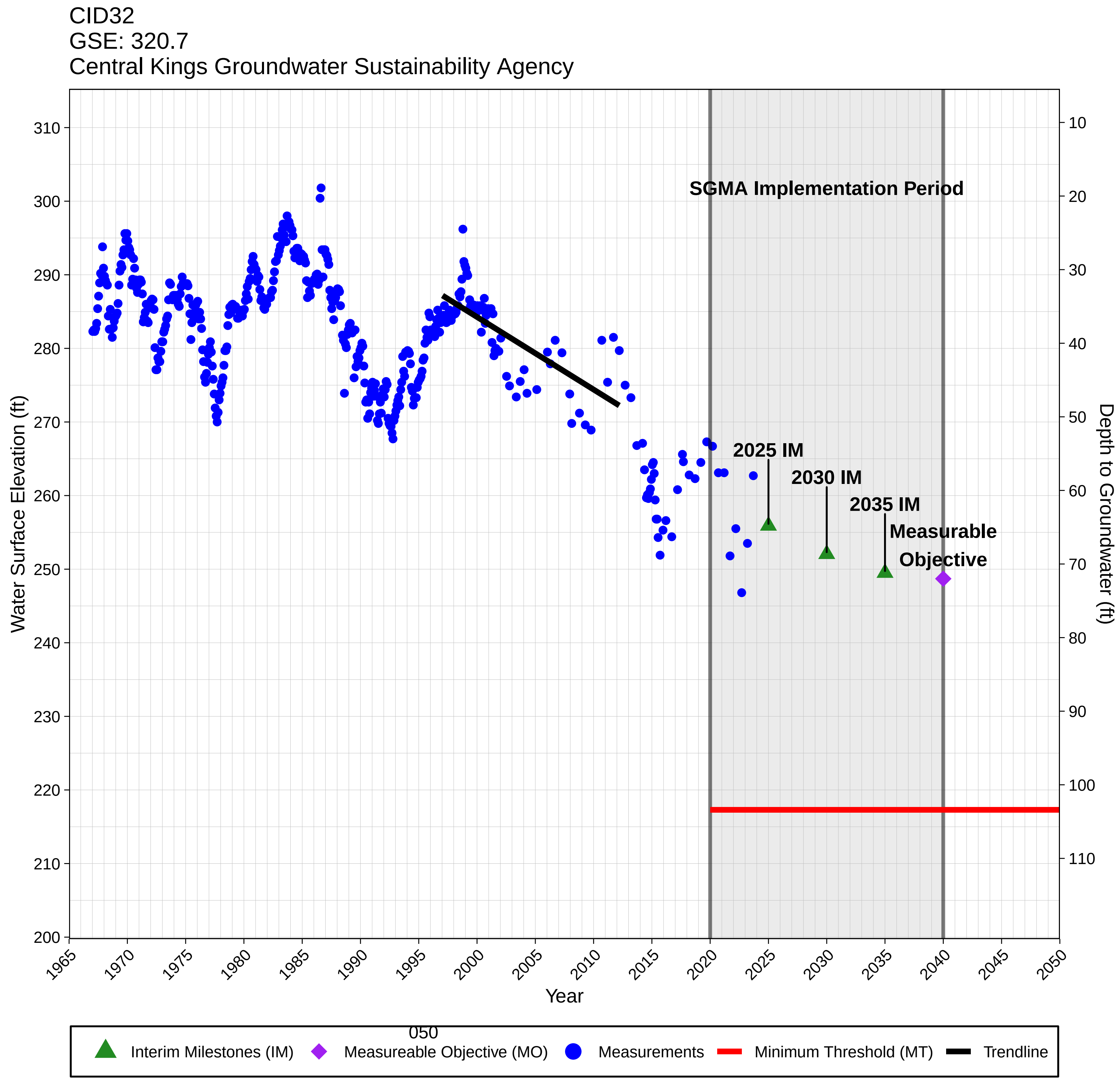
CID28R
GSE: 321.1
Central Kings Groundwater Sustainability Agency
Historical Well: CID28





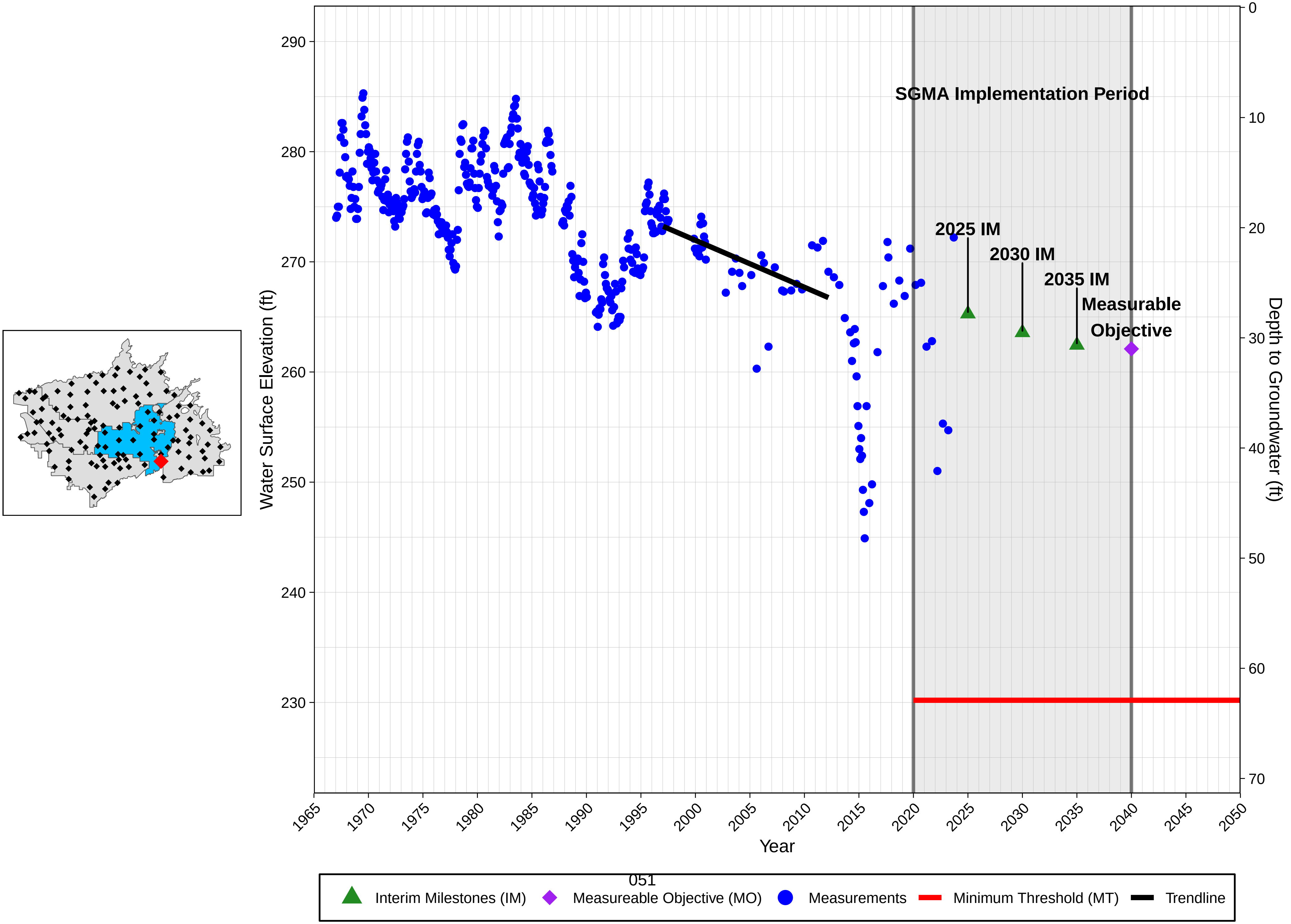
CID31
GSE: 328.9
Central Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline



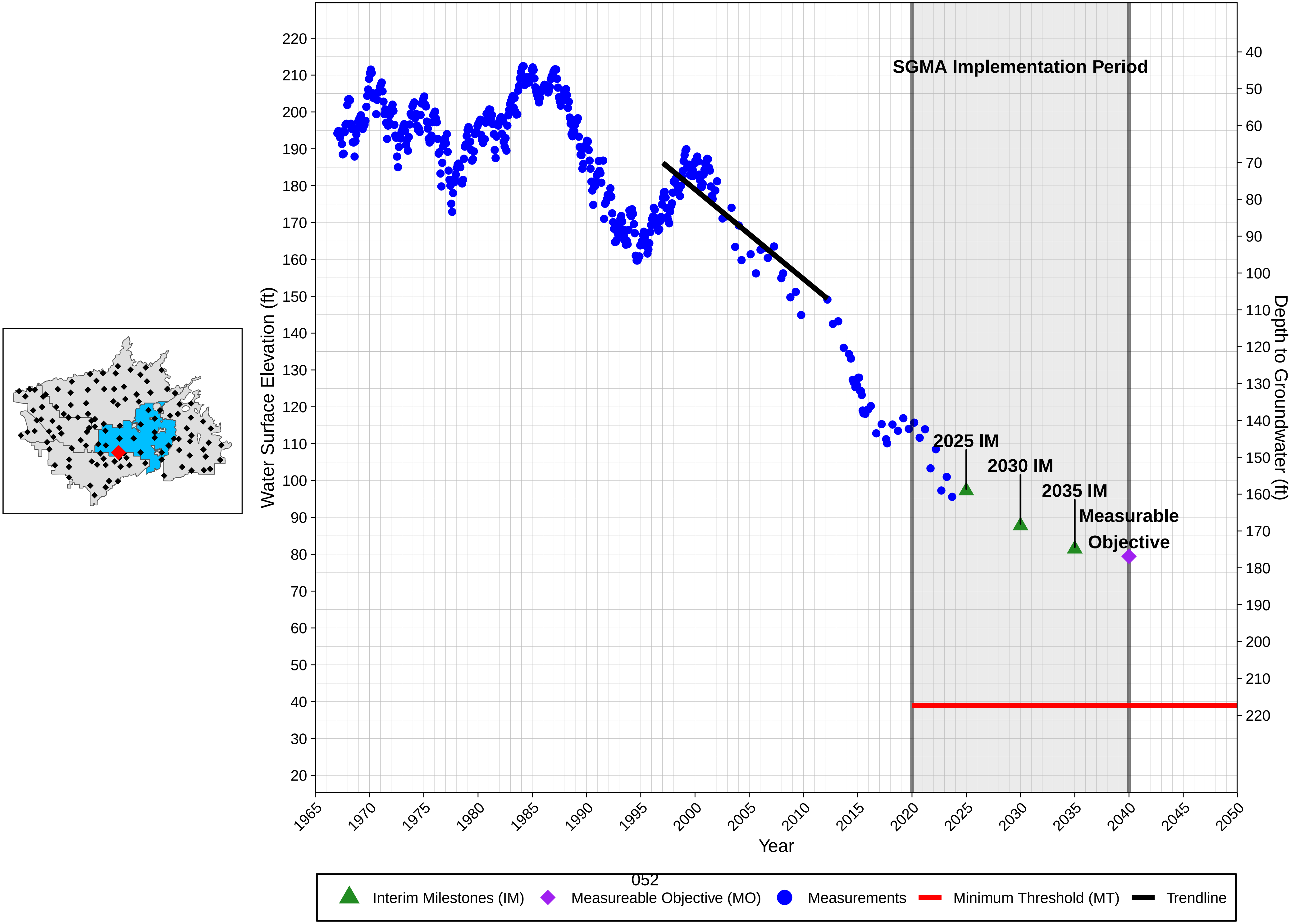


CID32
GSE: 320.7
Central Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

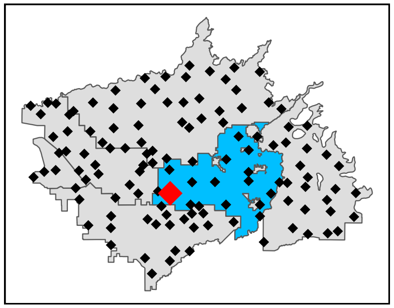
CID41
GSE: 293.1
Central Kings Groundwater Sustainability Agency

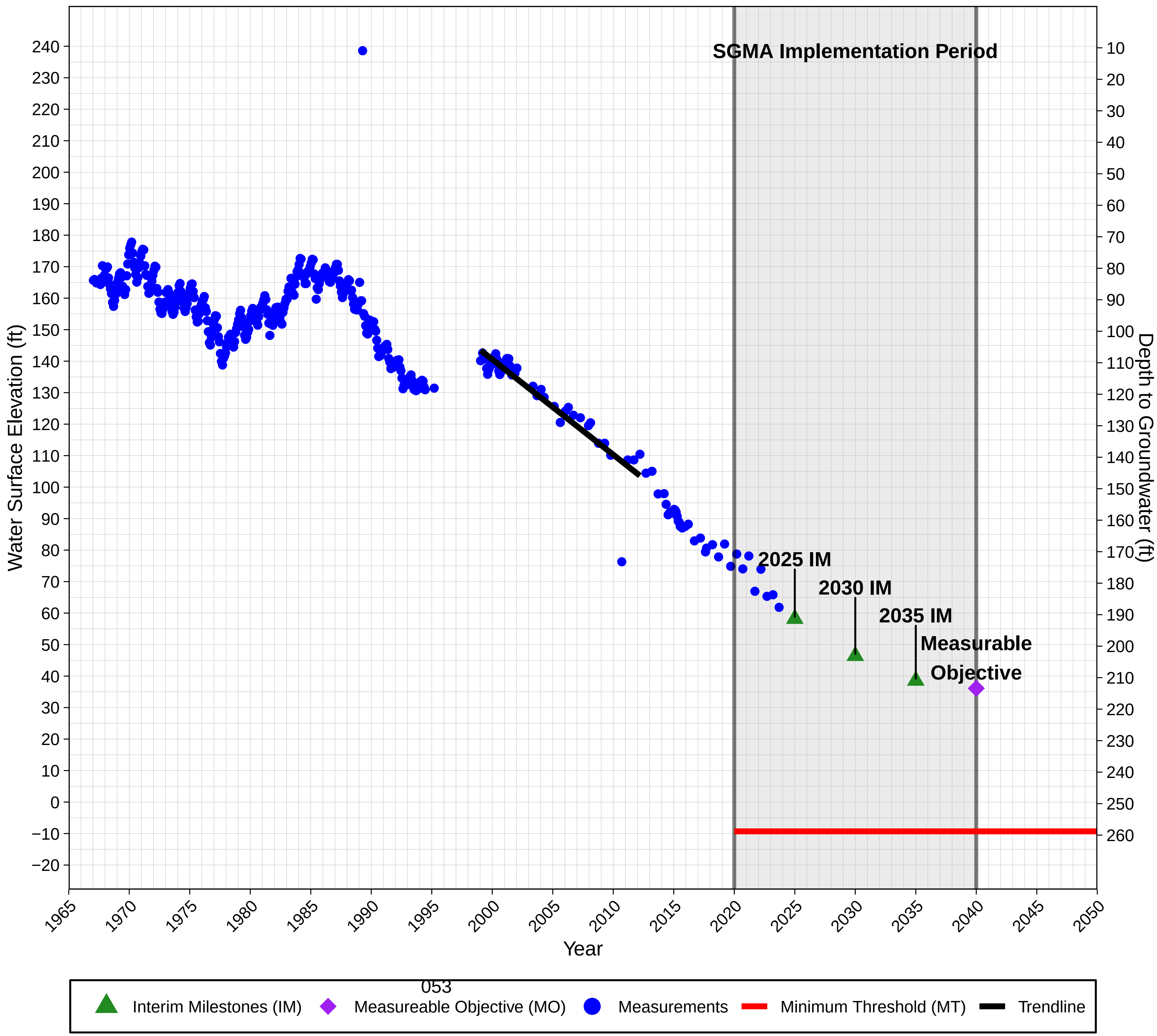


CID48
GSE: 256.3
Central Kings Groundwater Sustainability Agency

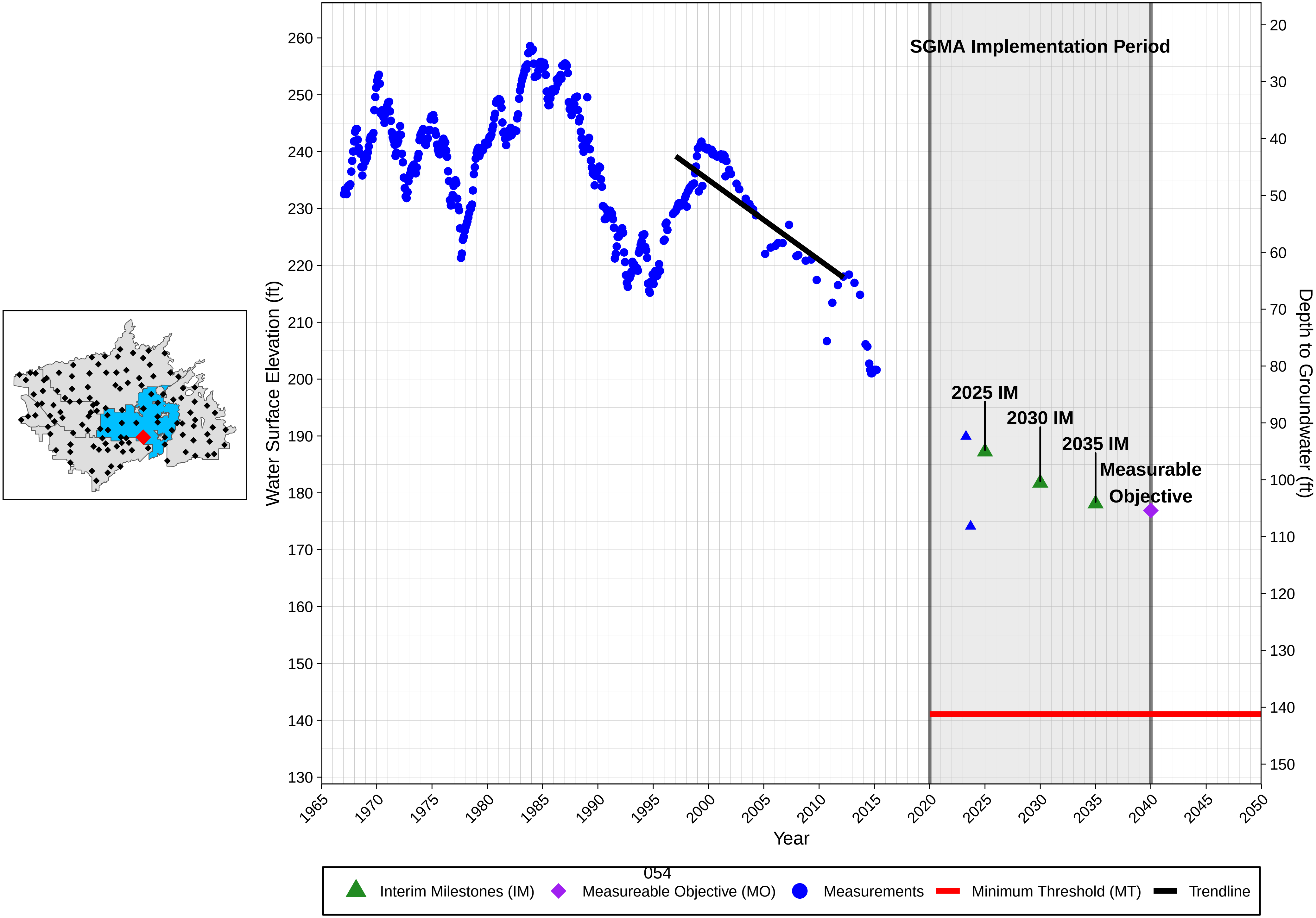


CID56
GSE: 249.5
Central Kings Groundwater Sustainability Agency

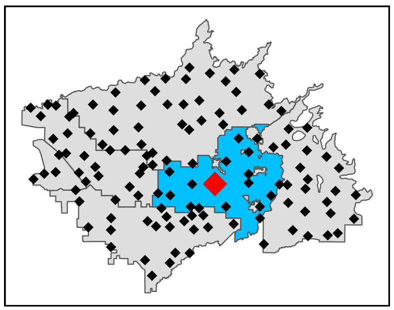


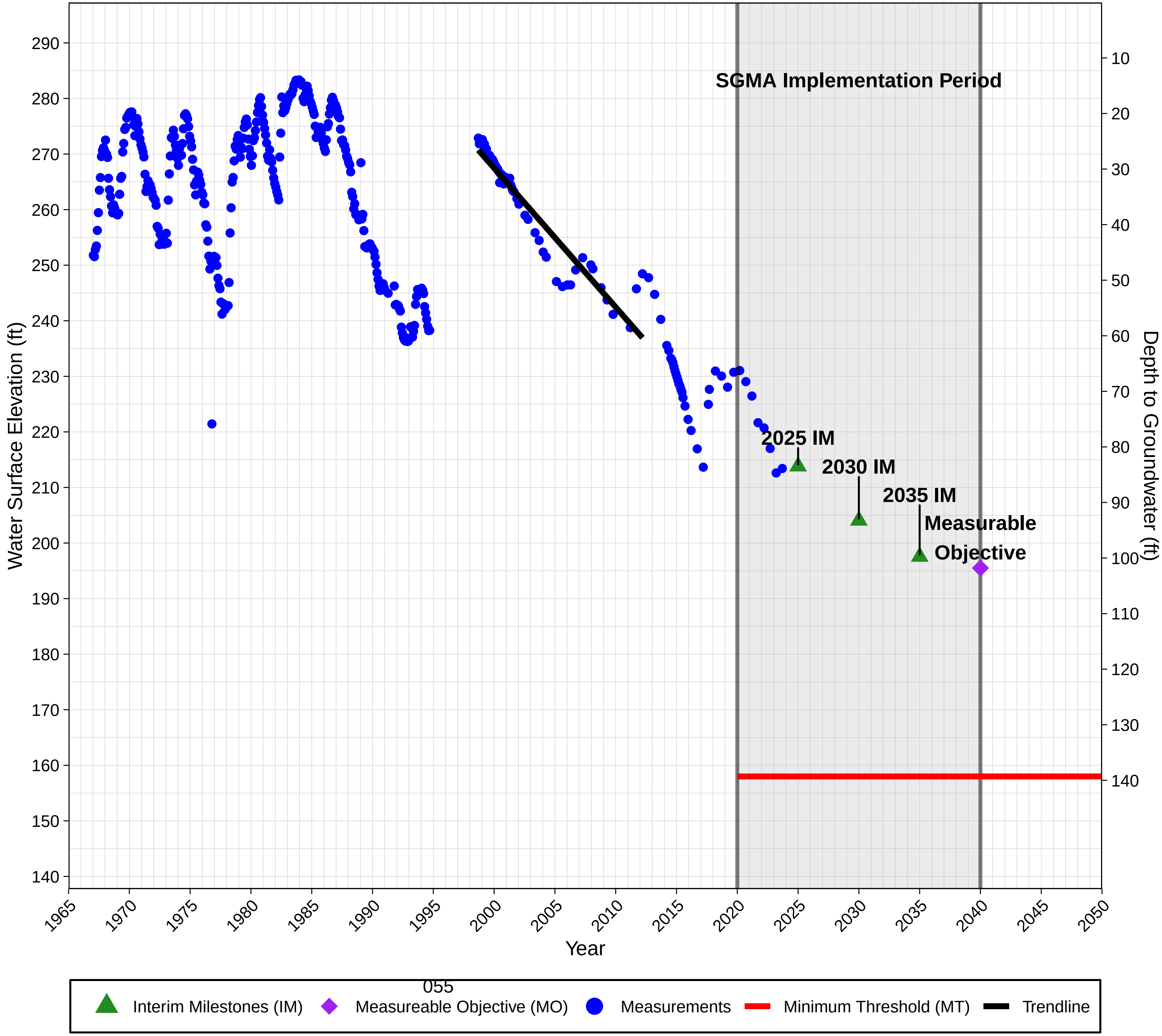


CID62R
GSE: 282.3
Central Kings Groundwater Sustainability Agency
Historical Well: CID62

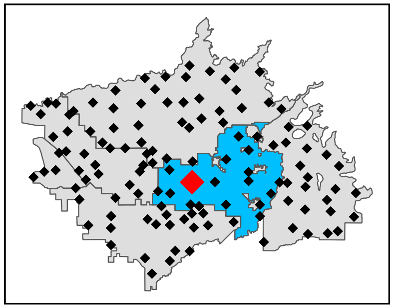


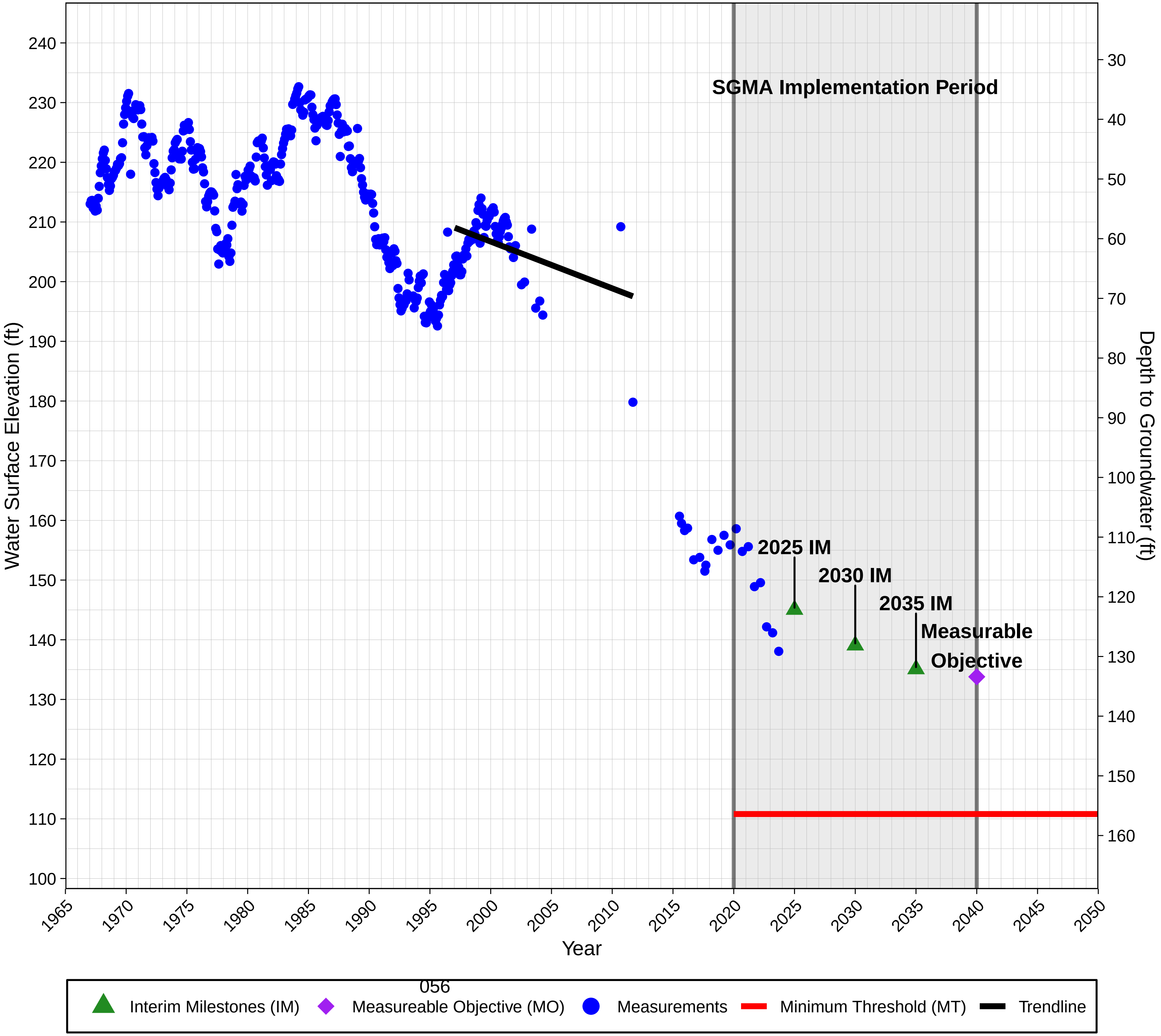
CID65
GSE: 297.3
Central Kings Groundwater Sustainability Agency



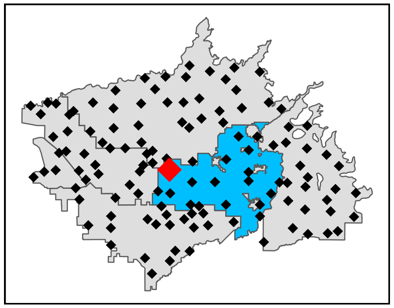


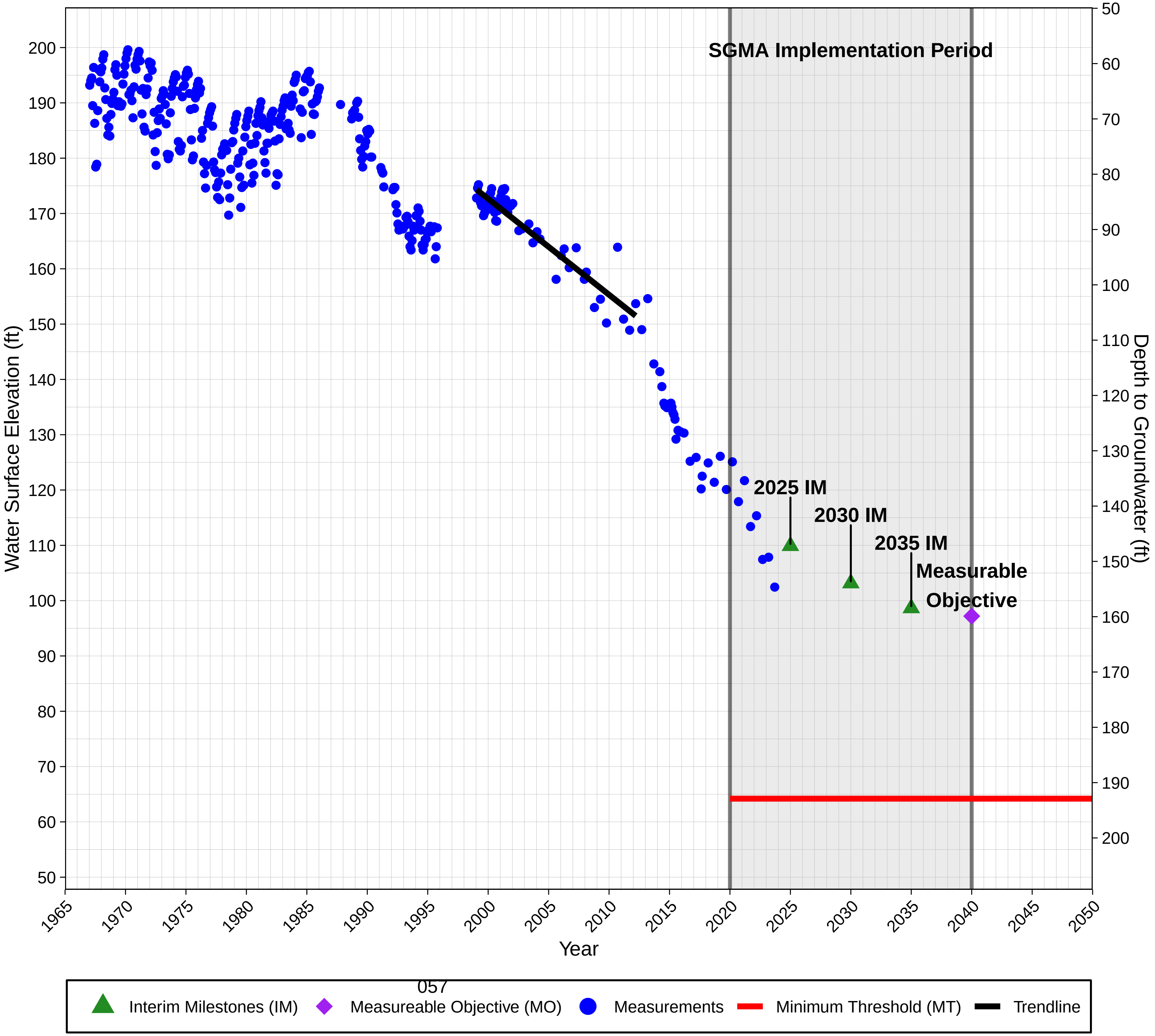
CID67
GSE: 267.2
Central Kings Groundwater Sustainability Agency



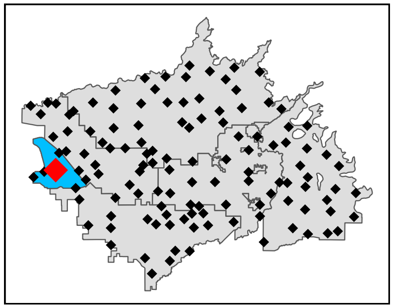


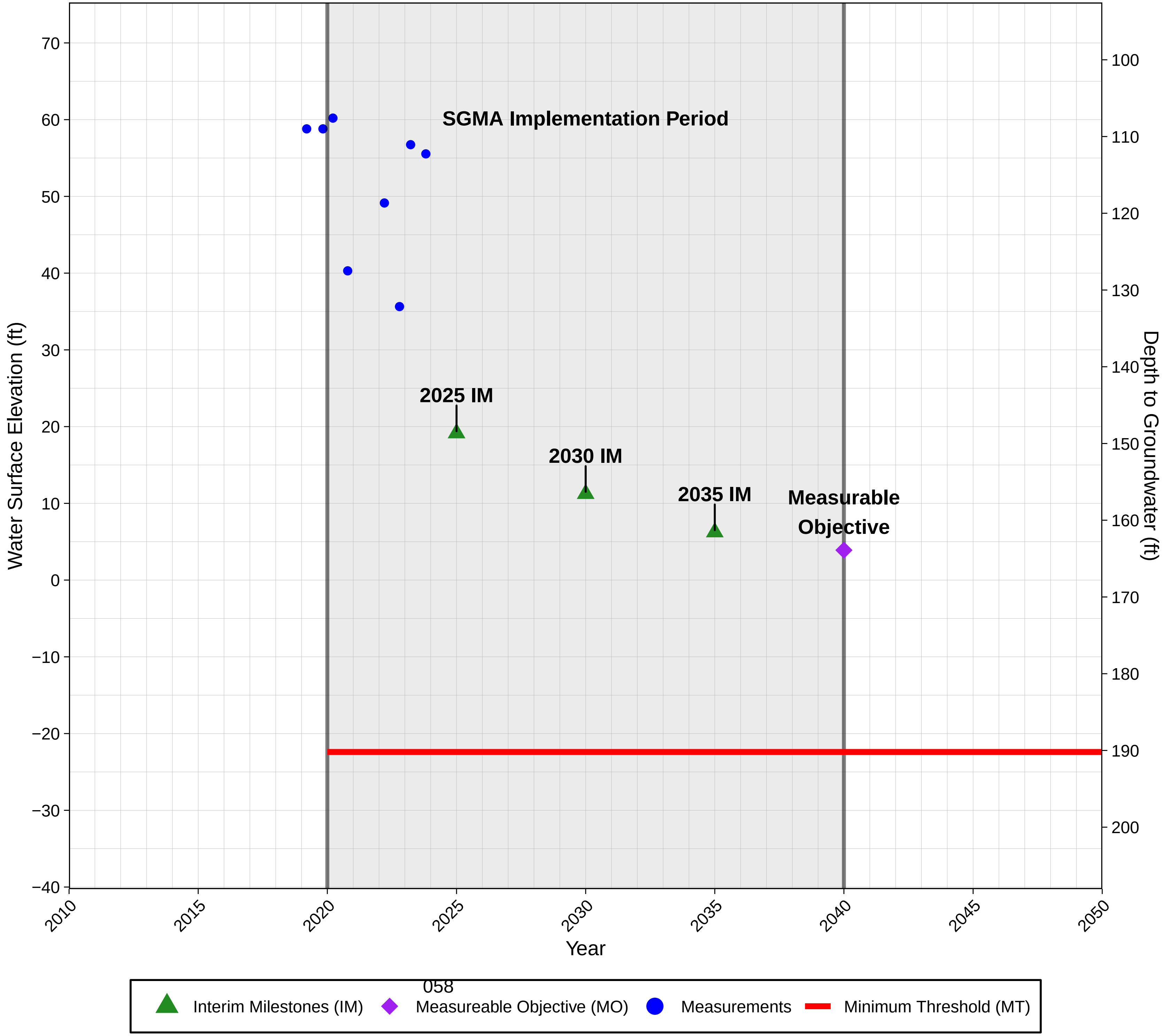
CID74
GSE: 257.1
Central Kings Groundwater Sustainability Agency

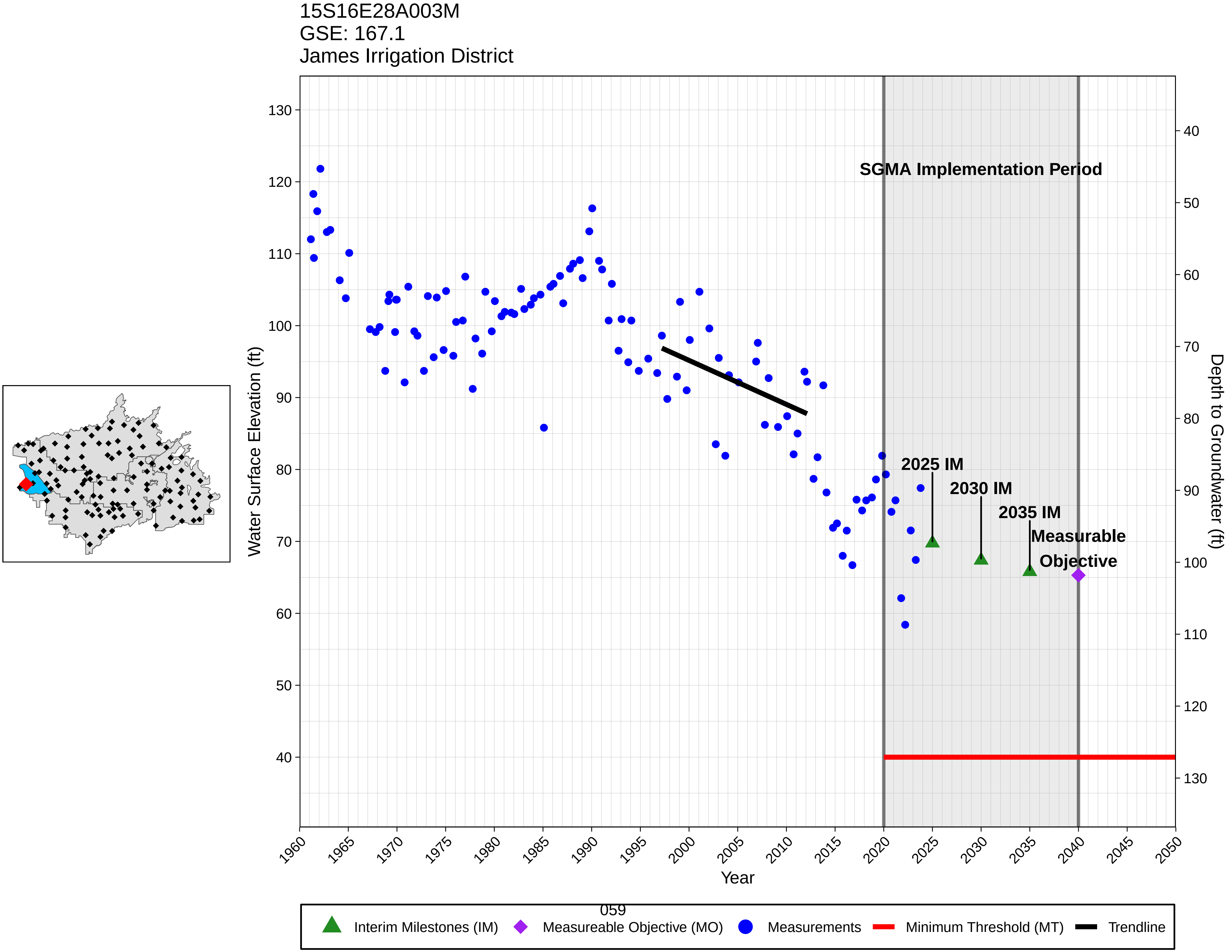




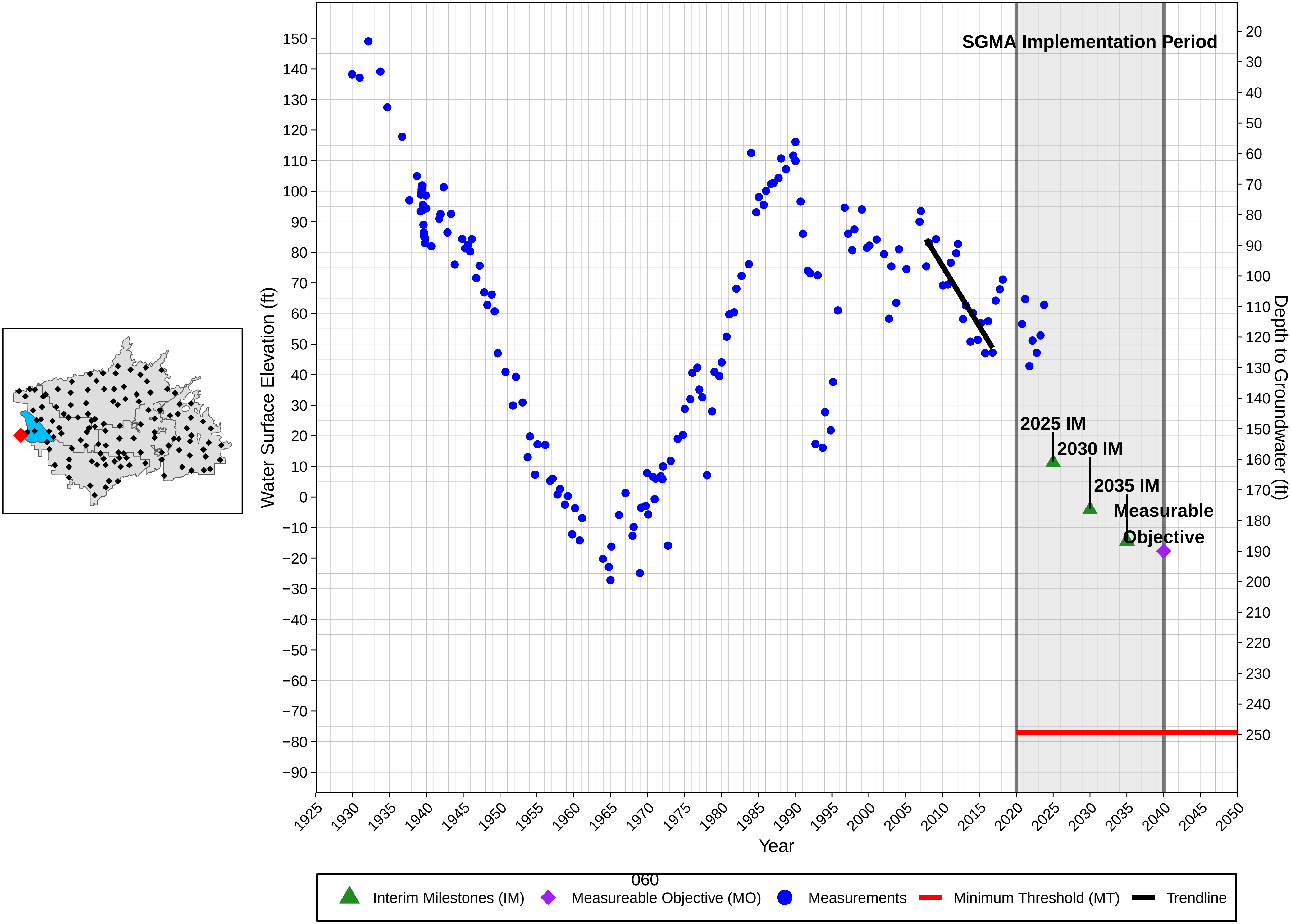
1010034−002
GSE: 167.8
James Irrigation District



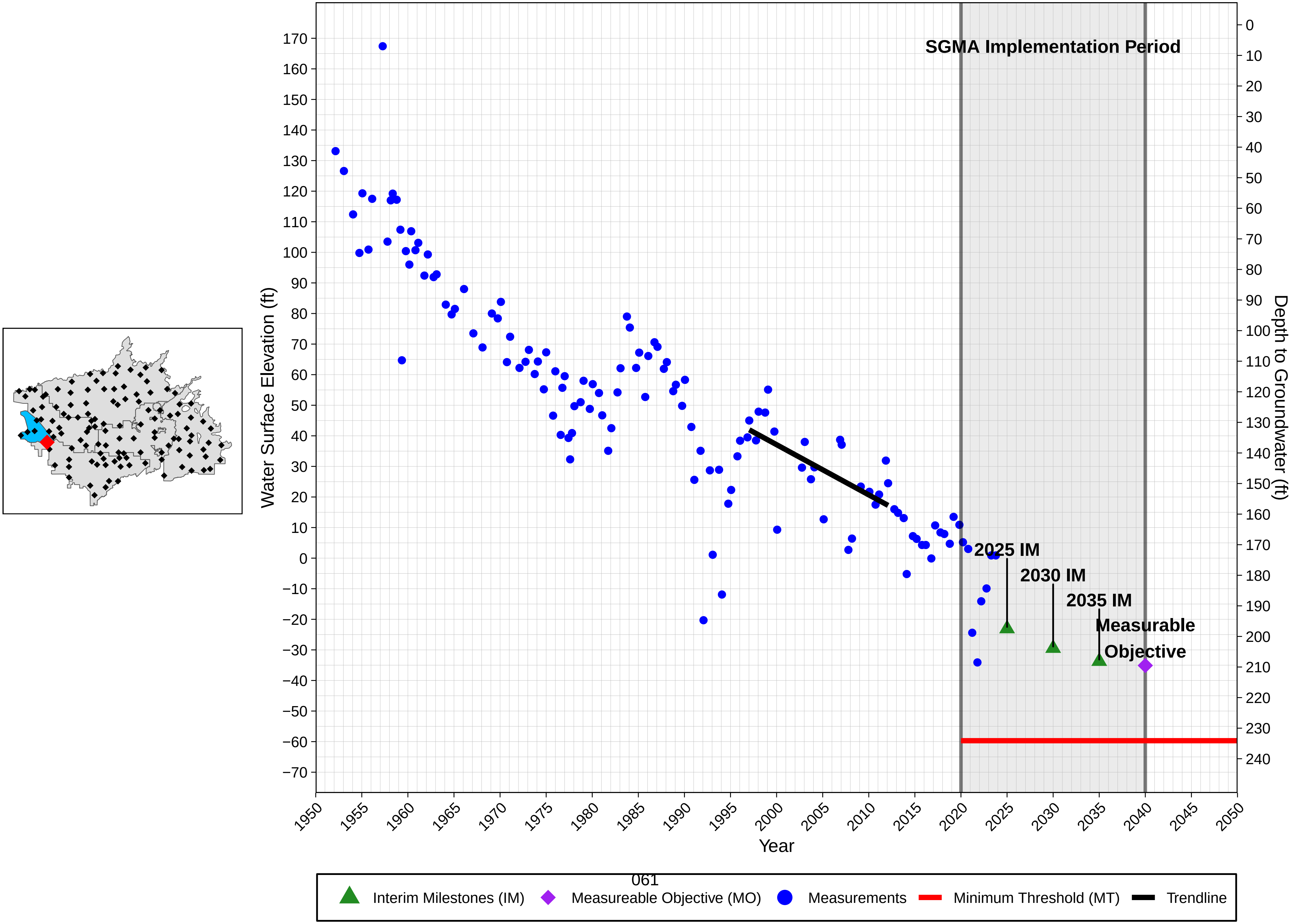



15S16E28A003M
GSE: 167.1
James Irrigation District
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

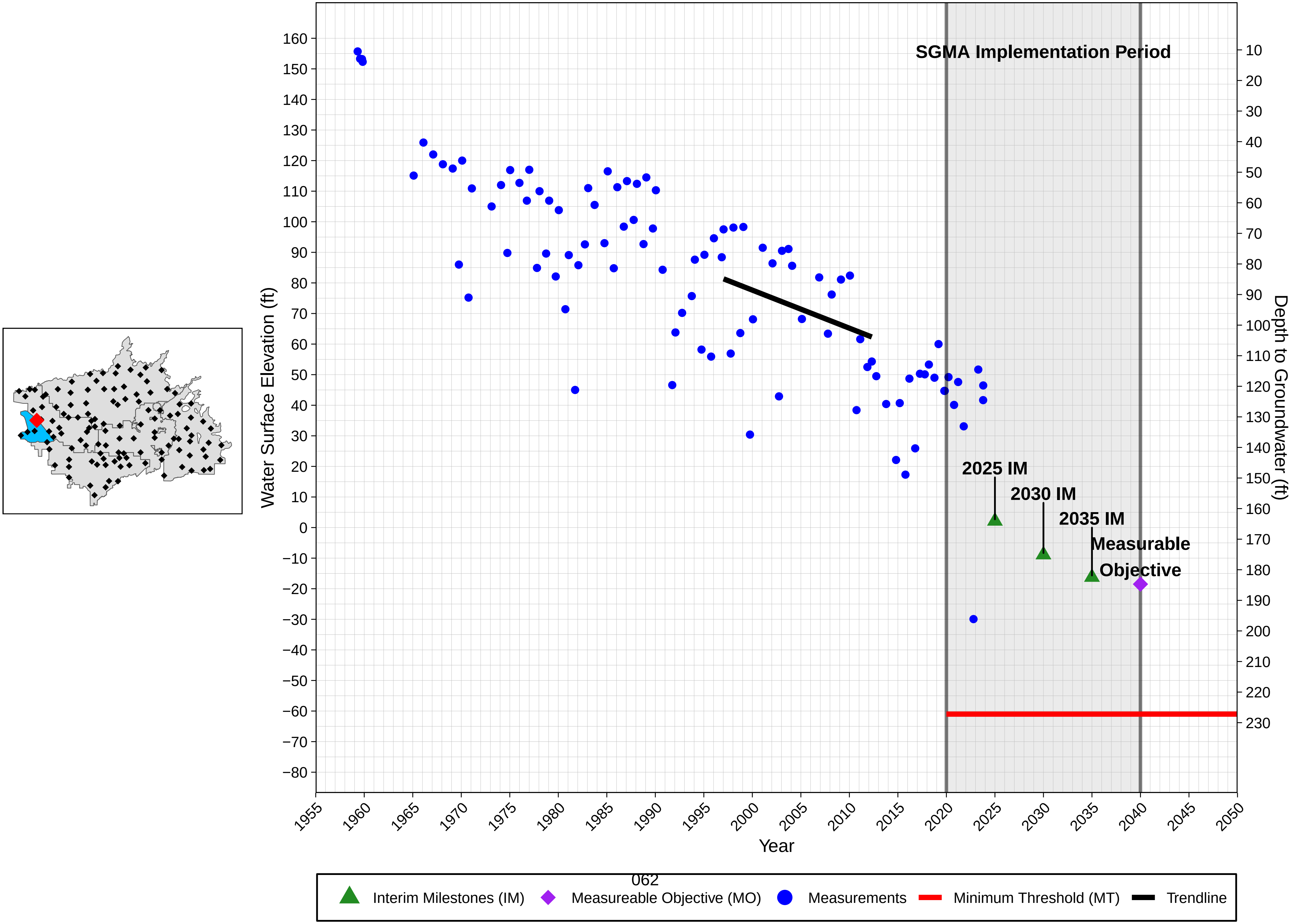
15S16E29N001M
GSE: 172.3
James Irrigation District



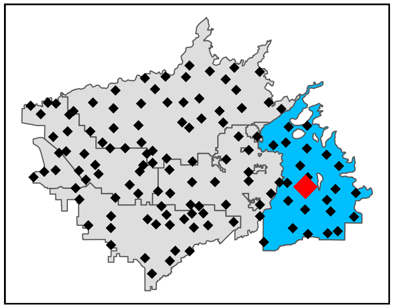
16S17E04P001M
GSE: 174.4
James Irrigation District

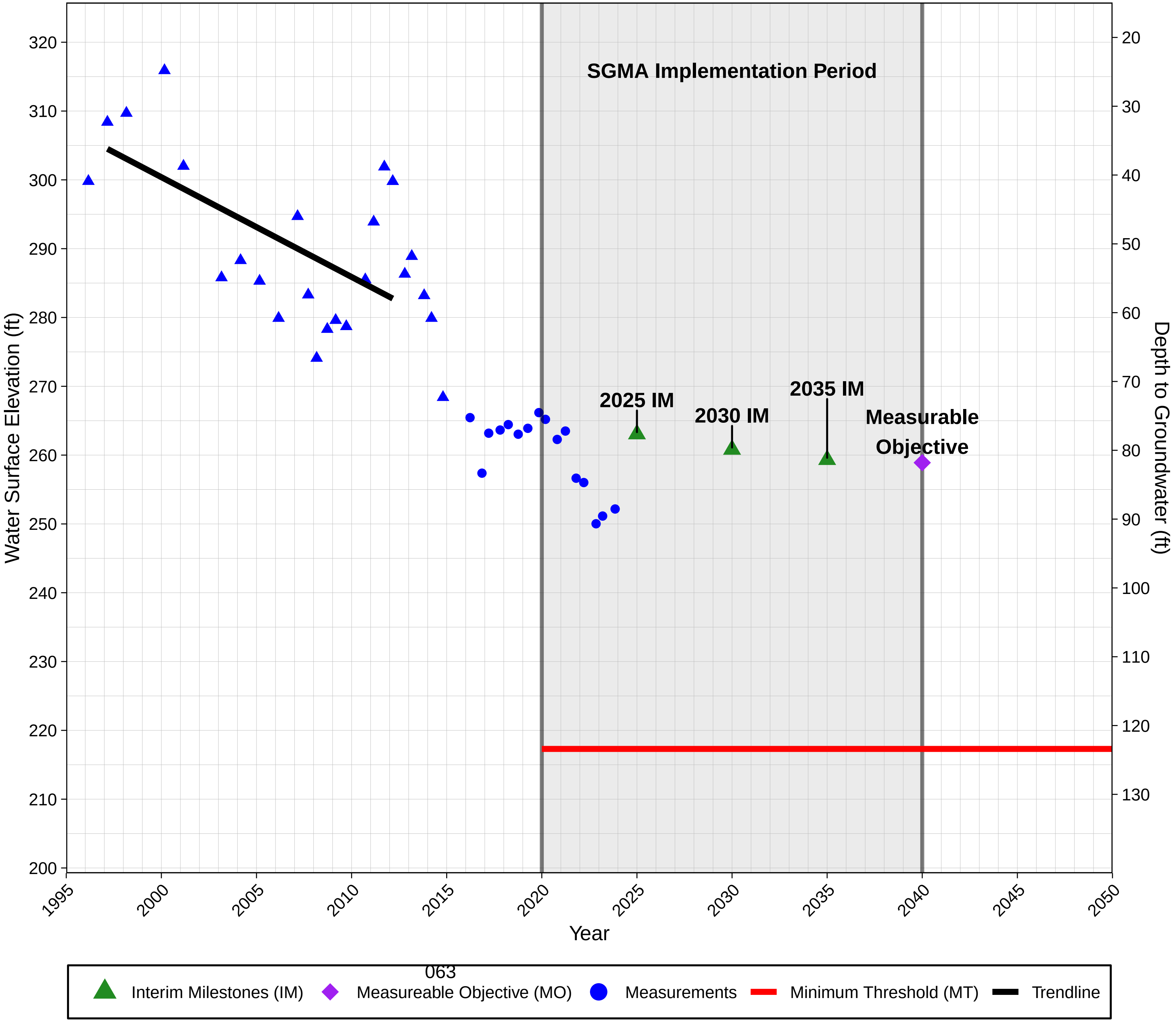


366502N1201782W001
GSE: 166.2
James Irrigation District

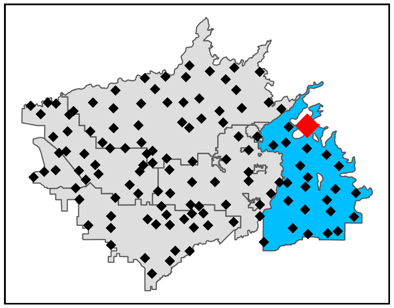


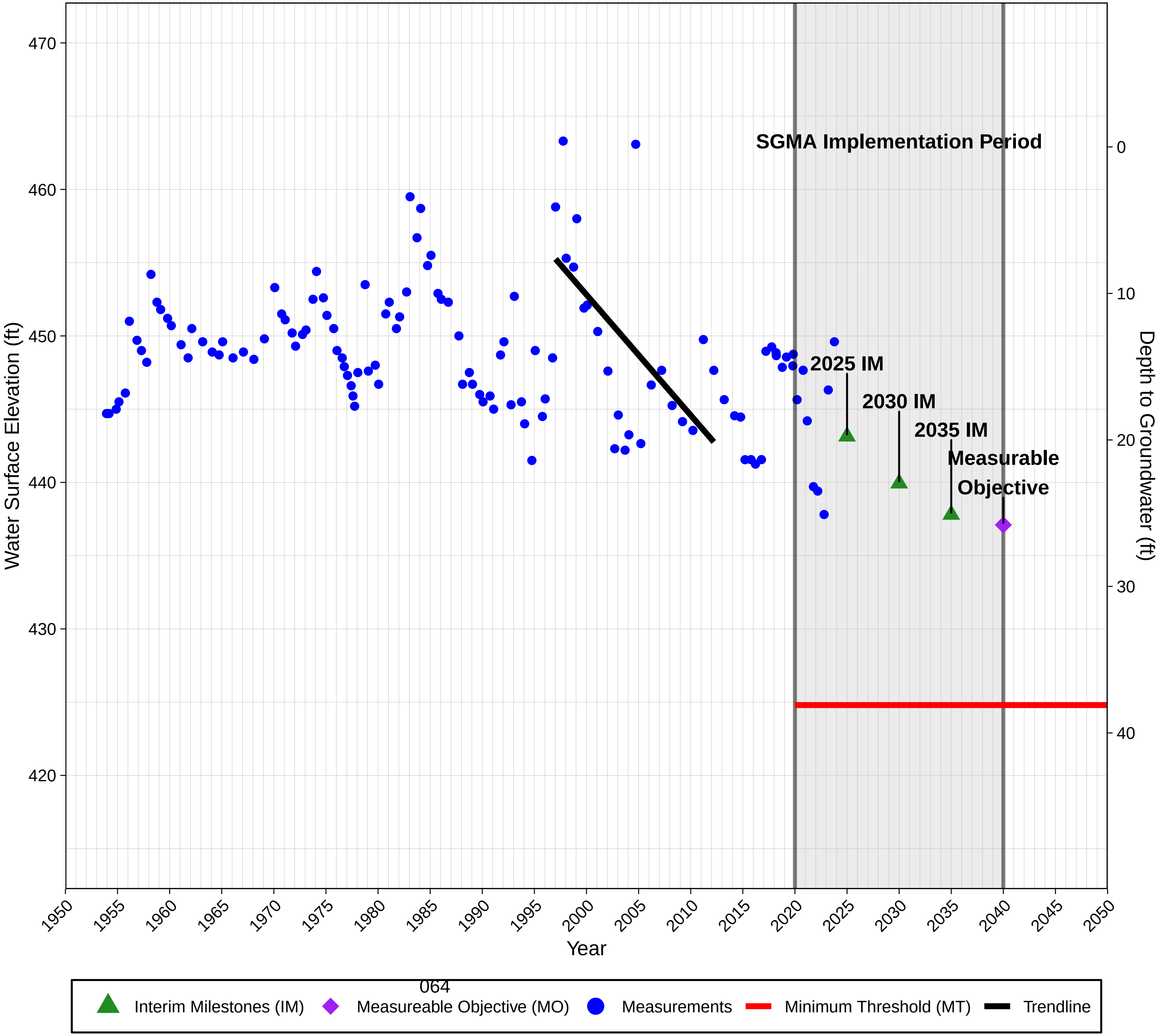
105B
GSE: 340.7
Kings River East Groundwater Sustainability Agency
Historical Well: M105A



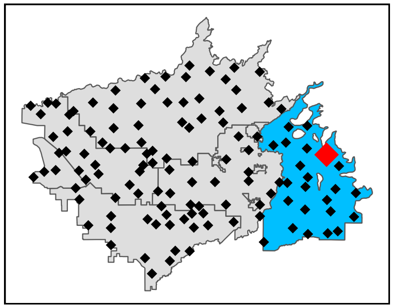


14S24E17C001MX
GSE: 462.9
Kings River East Groundwater Sustainability Agency

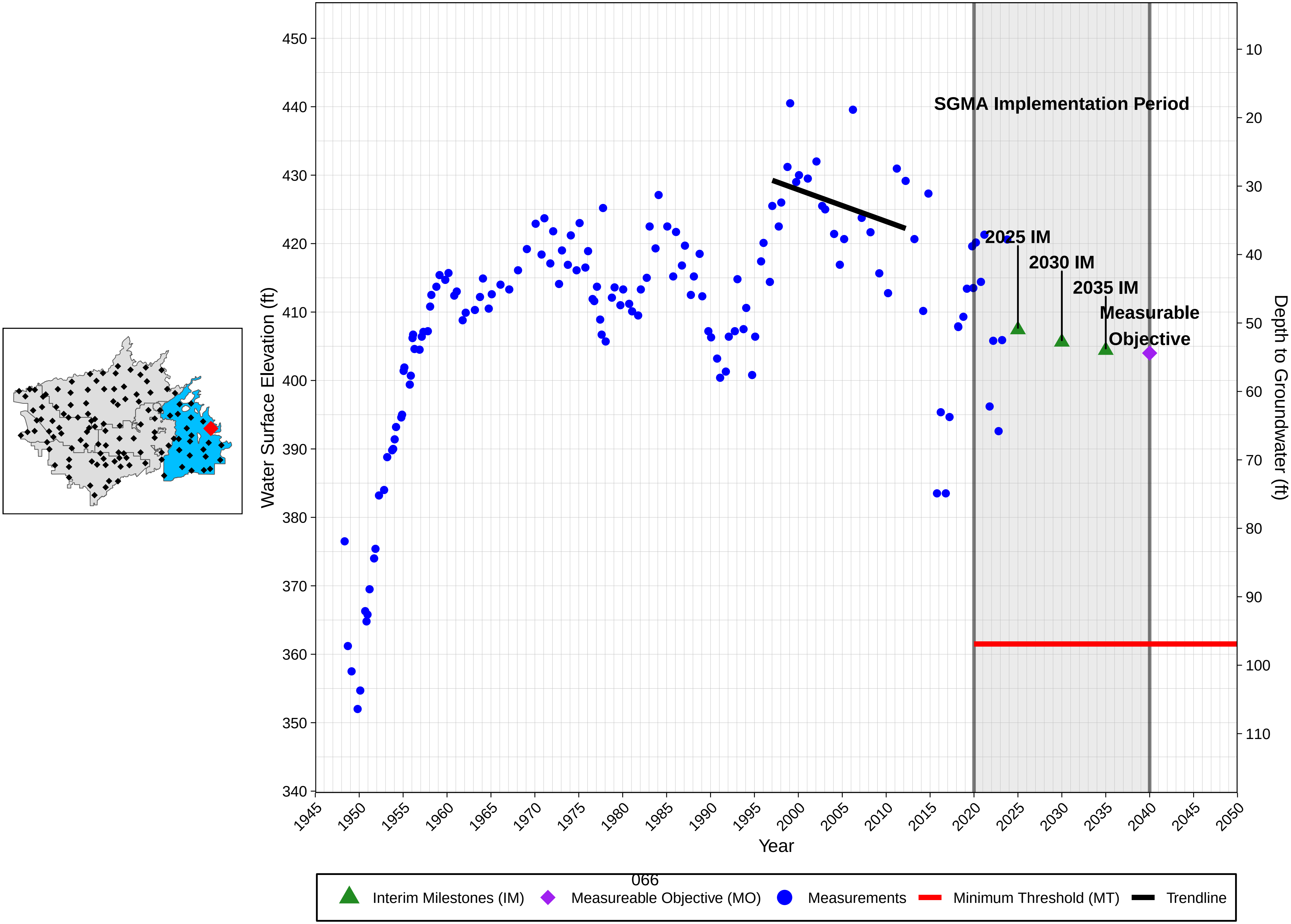




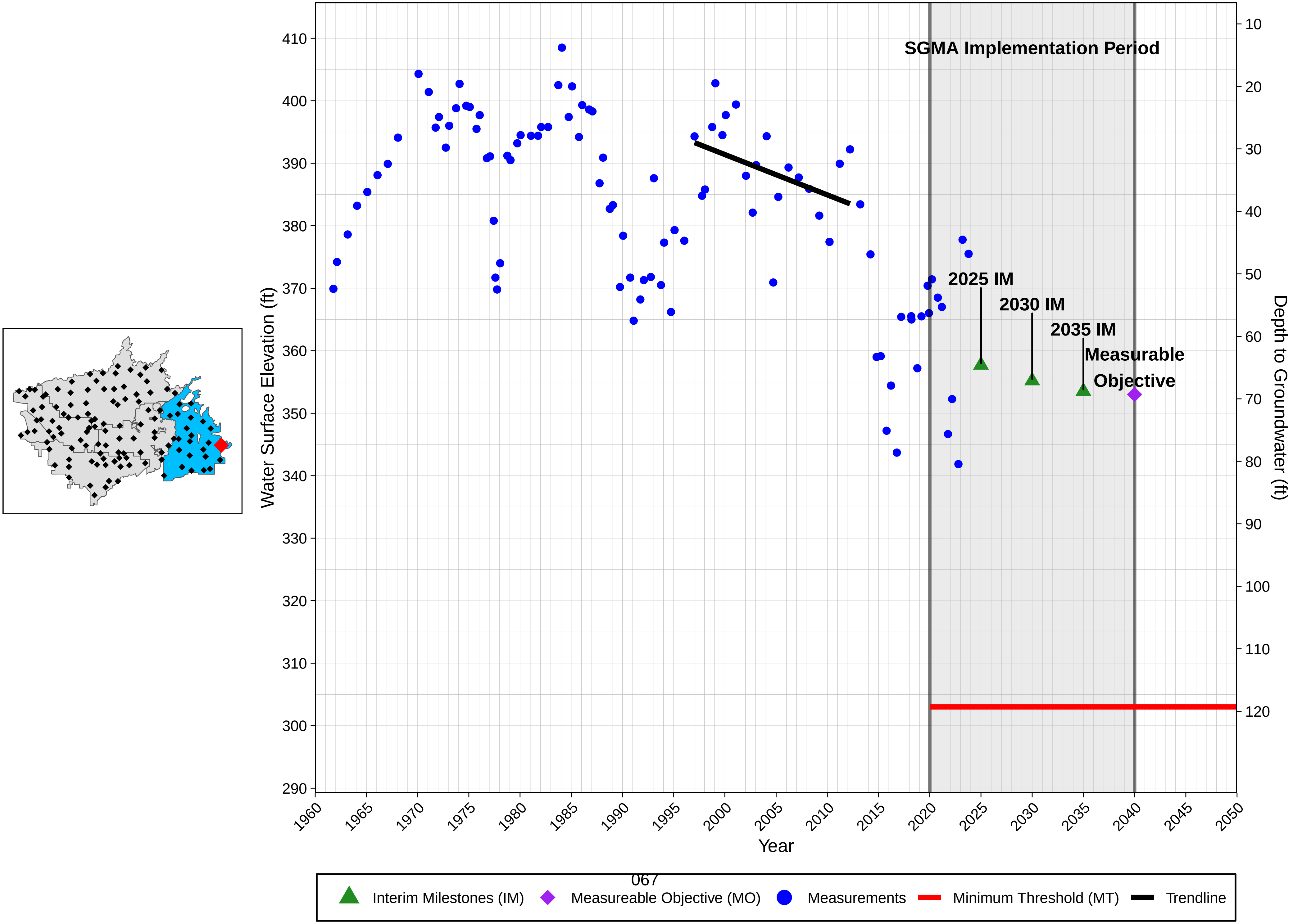
15S24E11A001MX
GSE: 429.9
Kings River East Groundwater Sustainability Agency



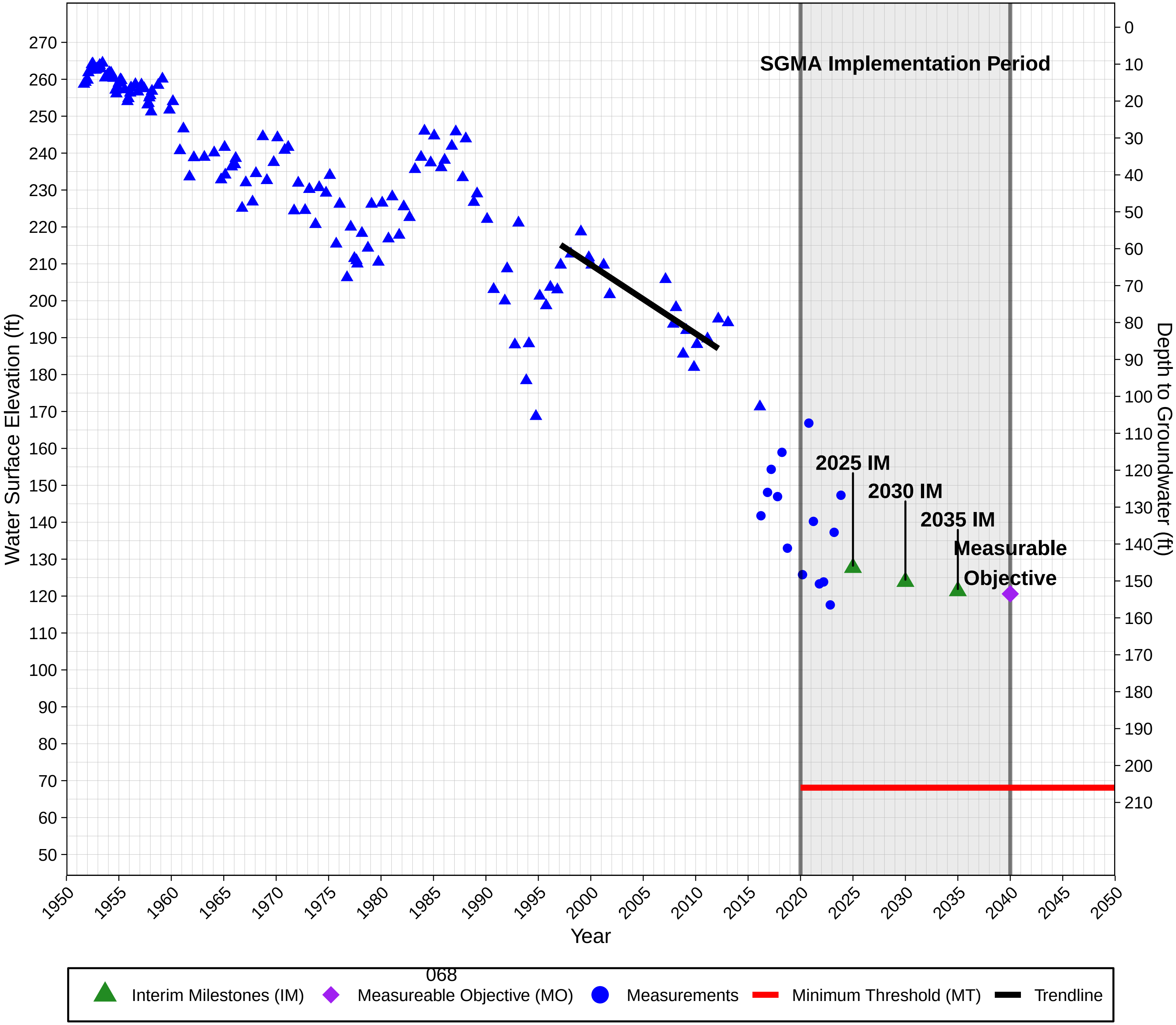
15S25E19A001MX
GSE: 458.4
Kings River East Groundwater Sustainability Agency

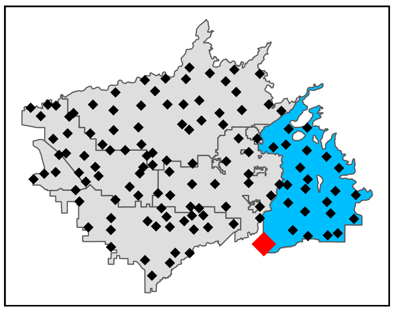


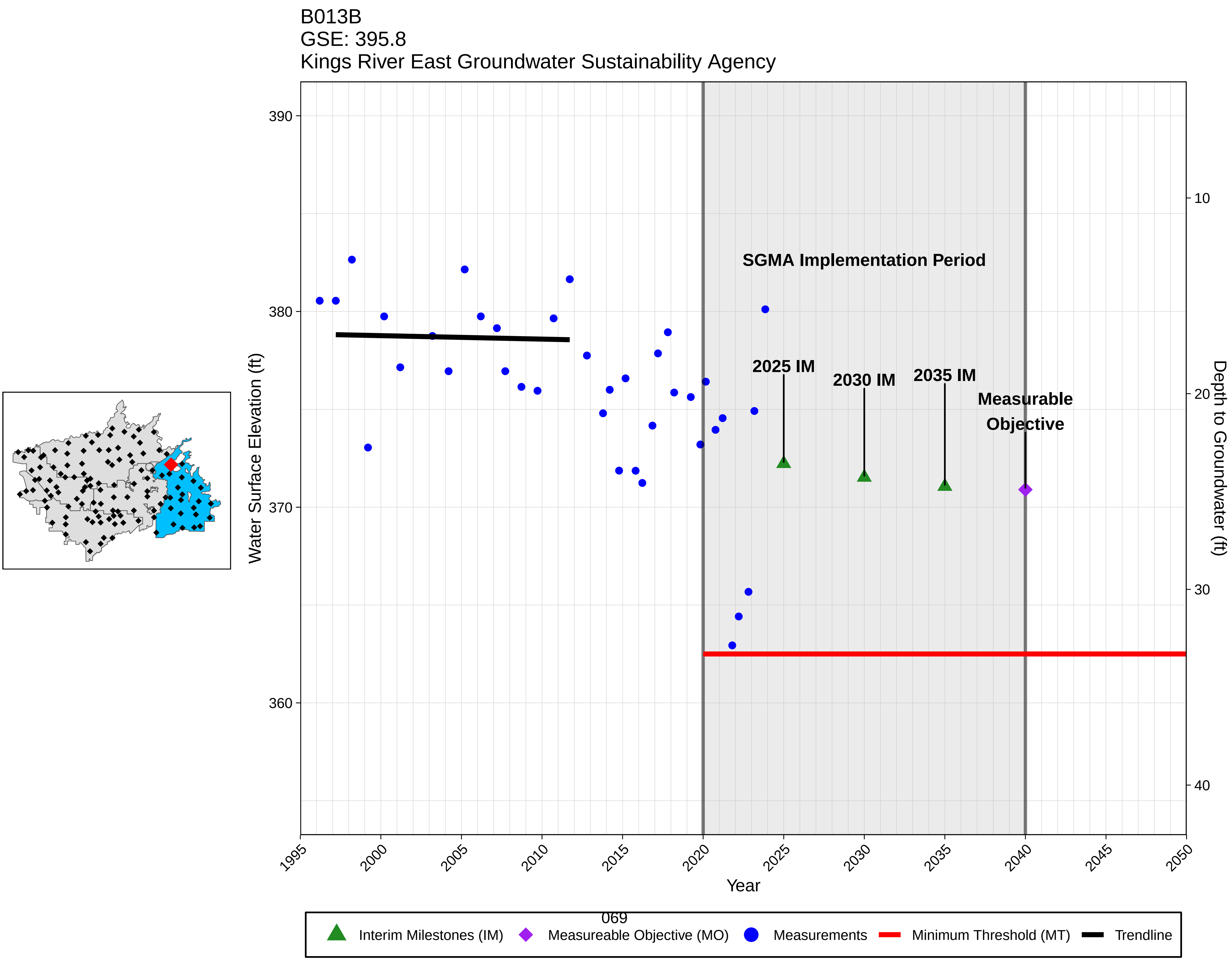
16S25E10J001MX
GSE: 422.3
Kings River East Groundwater Sustainability Agency



193B
GSE: 274.1
Kings River East Groundwater Sustainability Agency
Historical Well: 364303N1195146W001

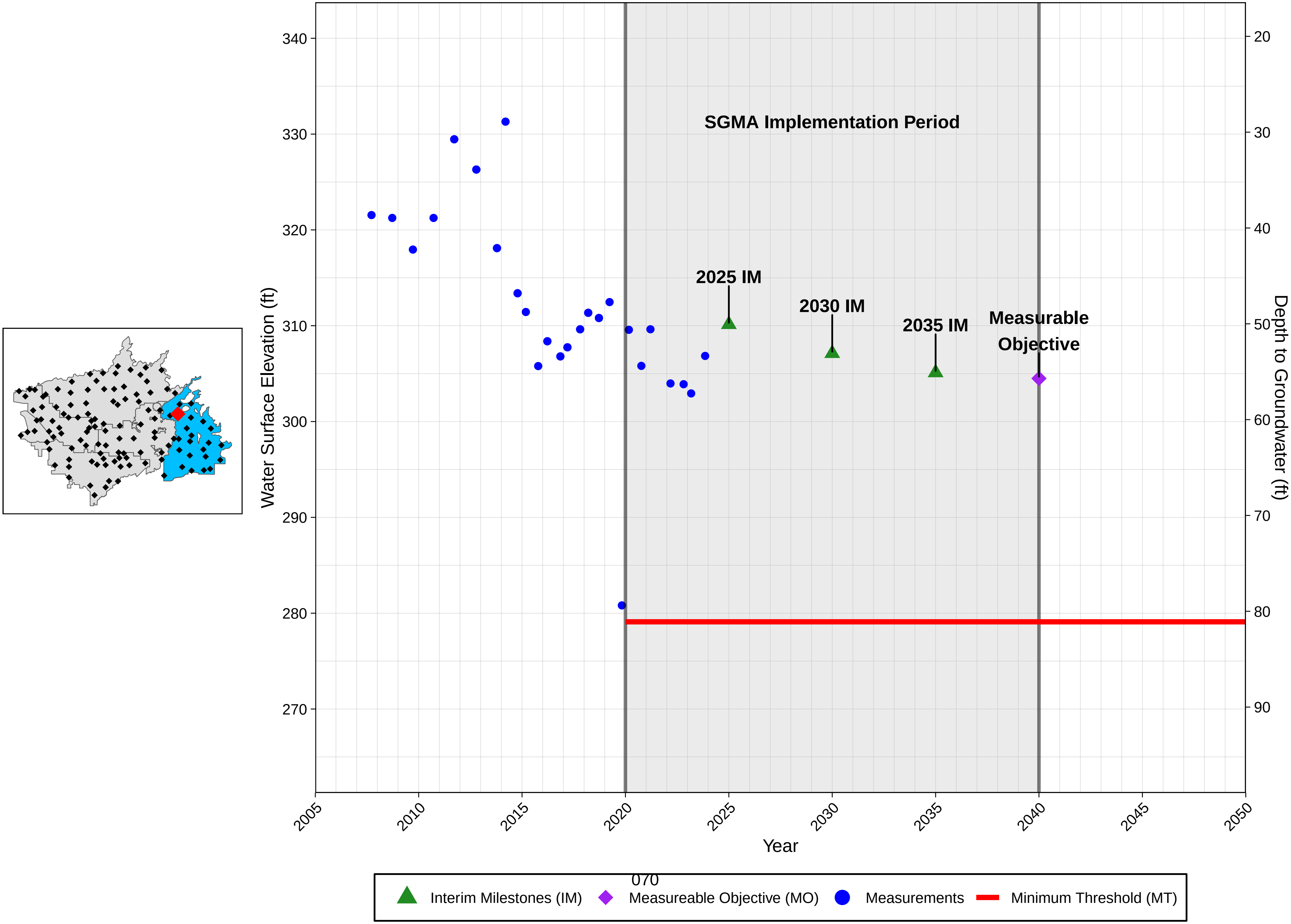




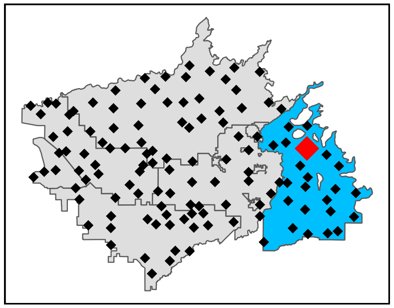


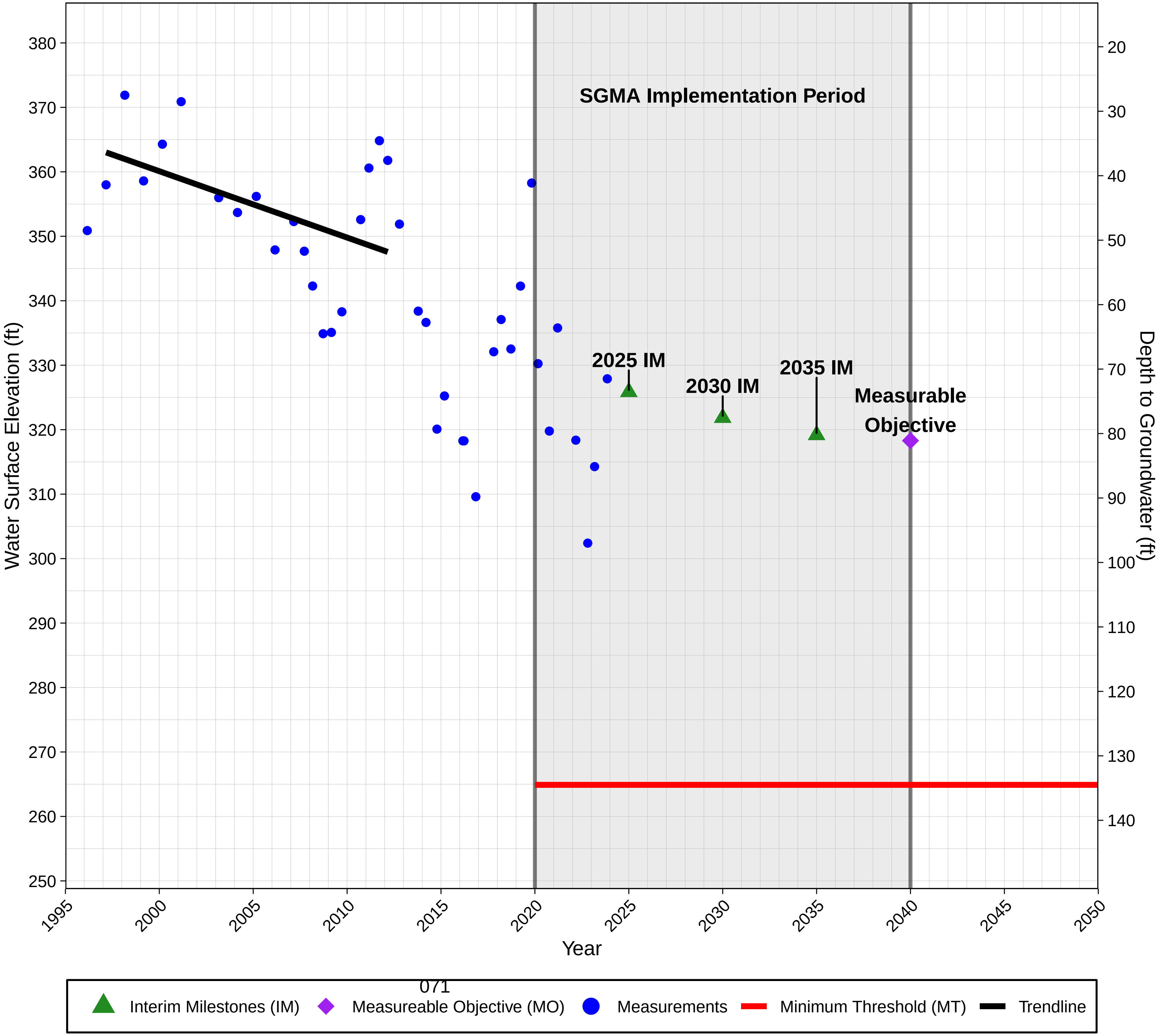
B013B
GSE: 395.8
Kings River East Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
390
380
370
360
10
20
30
40
1995
2000
2005
2010
2015
2020
2025
2030
2035
2040
2045
2050
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

H020A
GSE: 360.2
Kings River East Groundwater Sustainability Agency

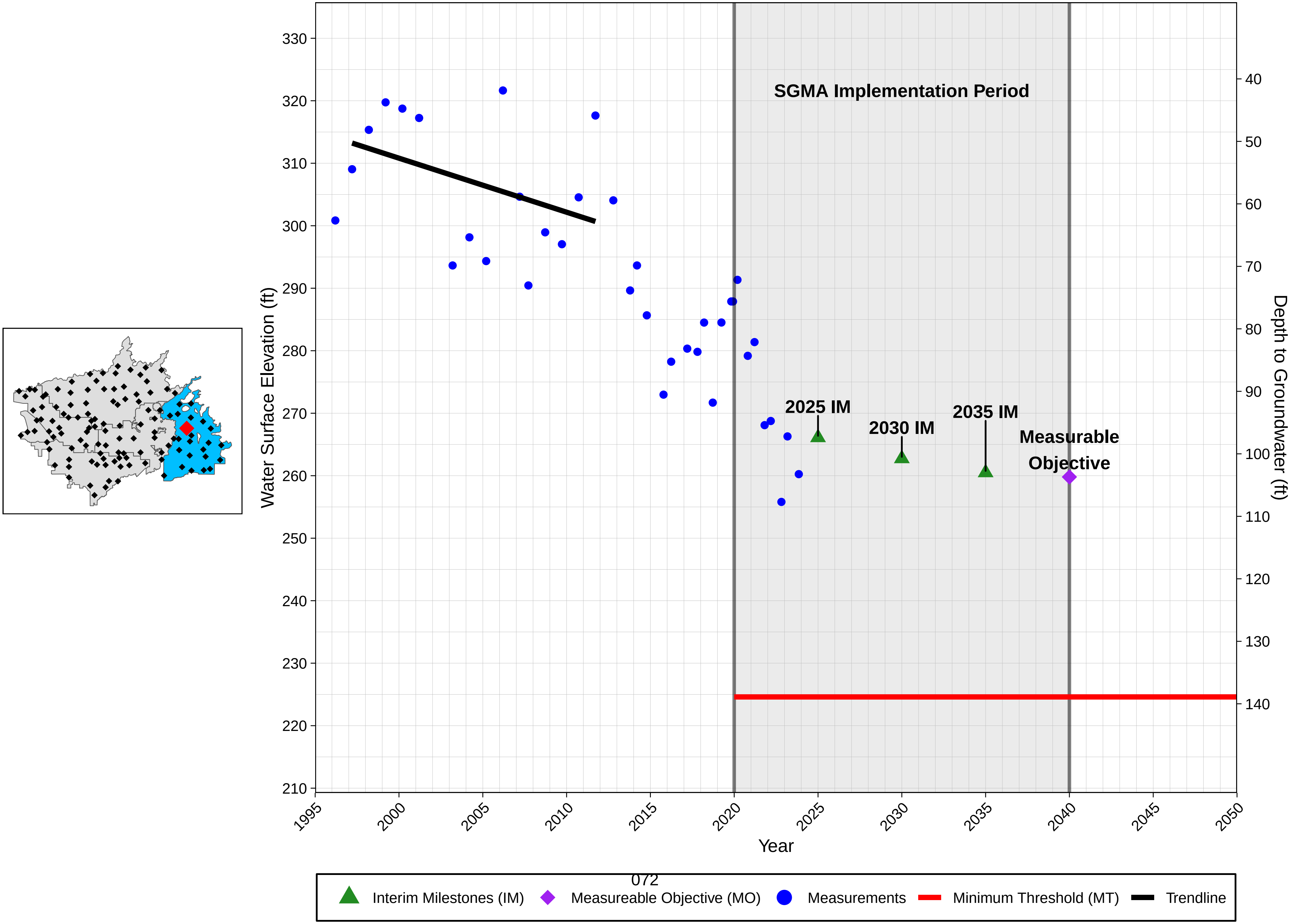


I045A
GSE: 399.4
Kings River East Groundwater Sustainability Agency

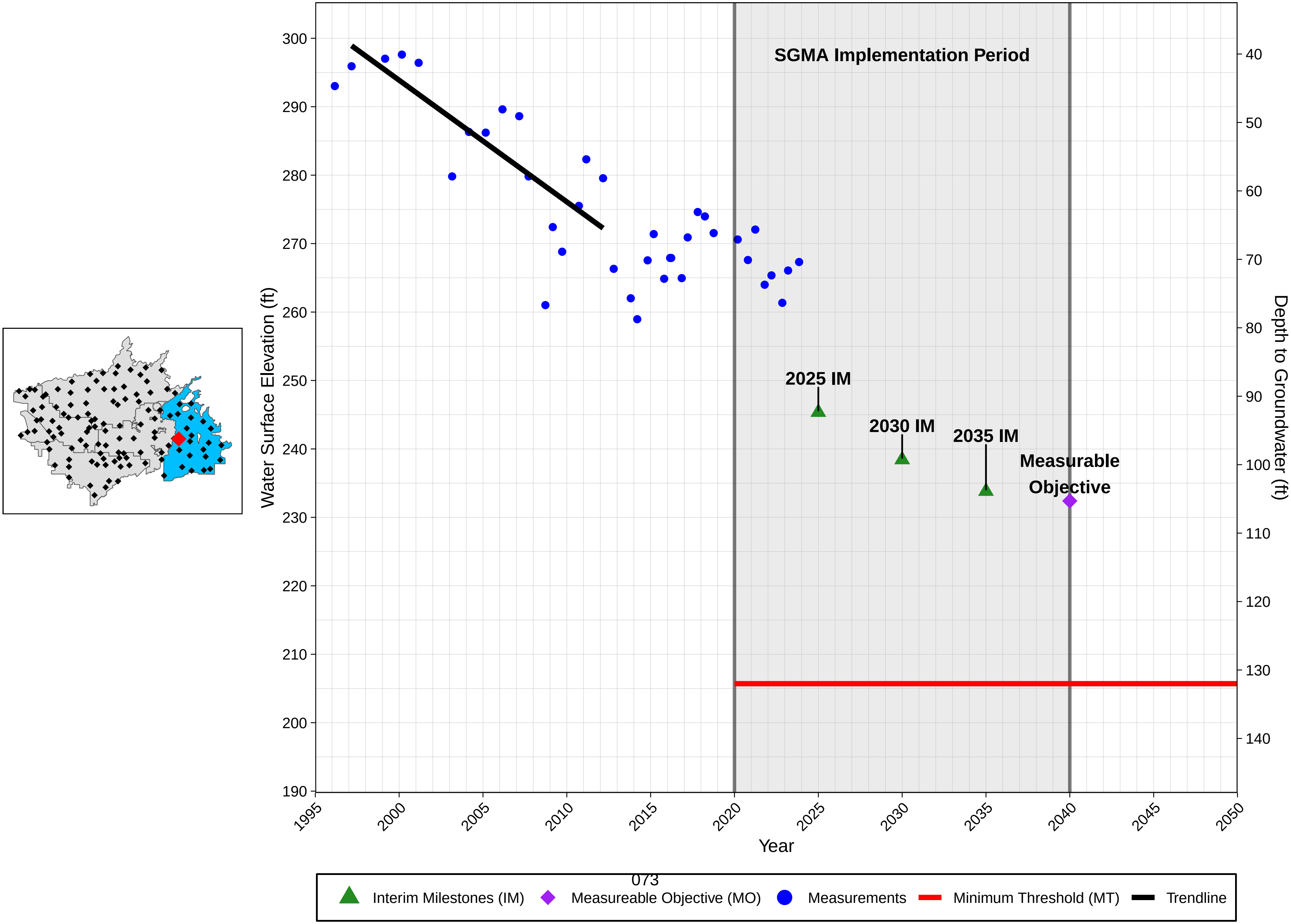




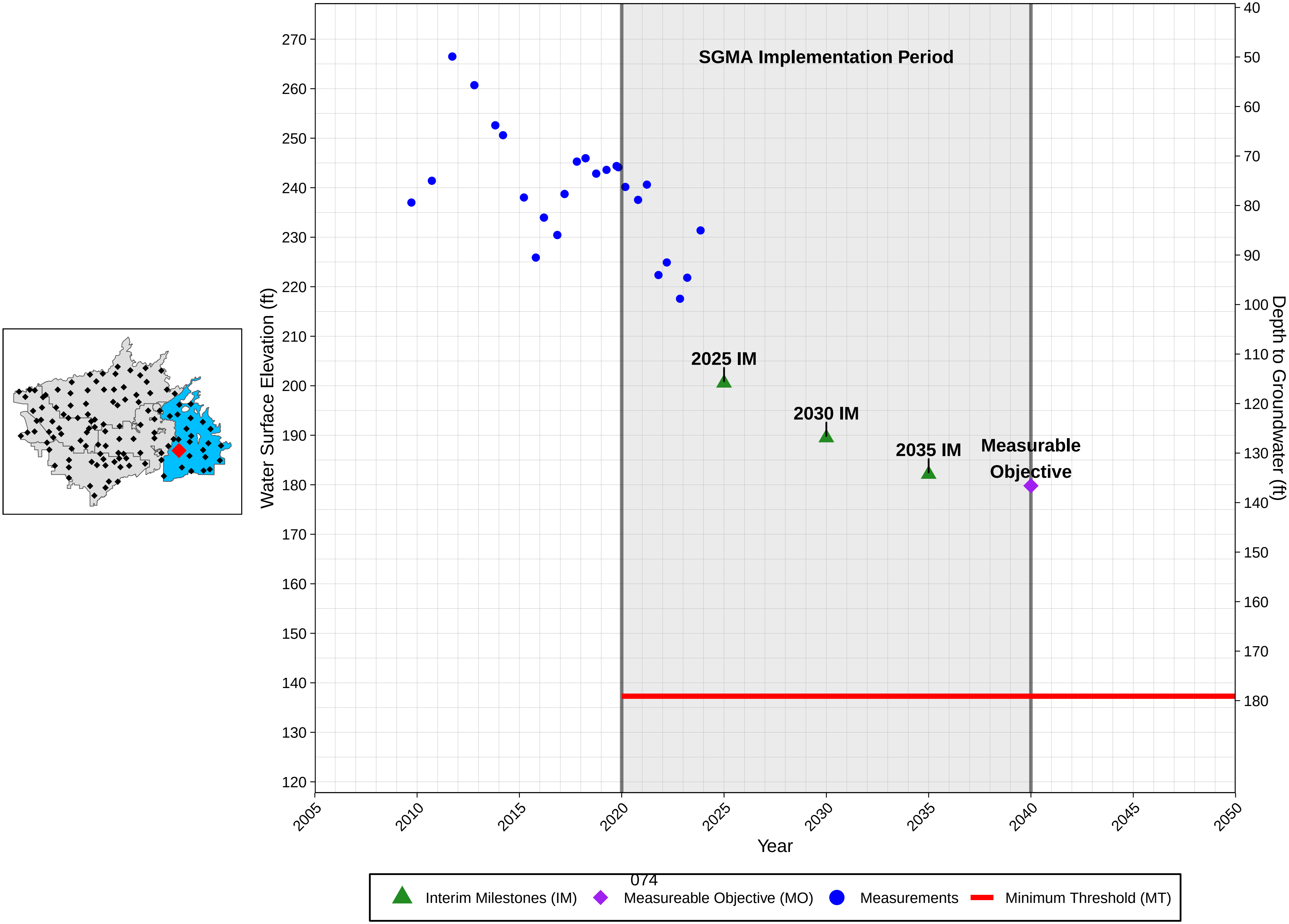
I055A
GSE: 363.5
Kings River East Groundwater Sustainability Agency



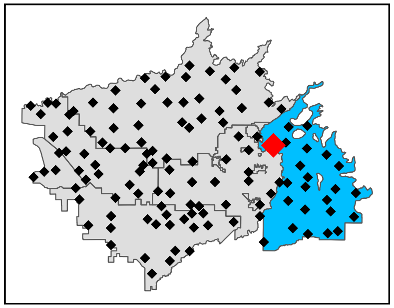
I073A
GSE: 337.7
Kings River East Groundwater Sustainability Agency

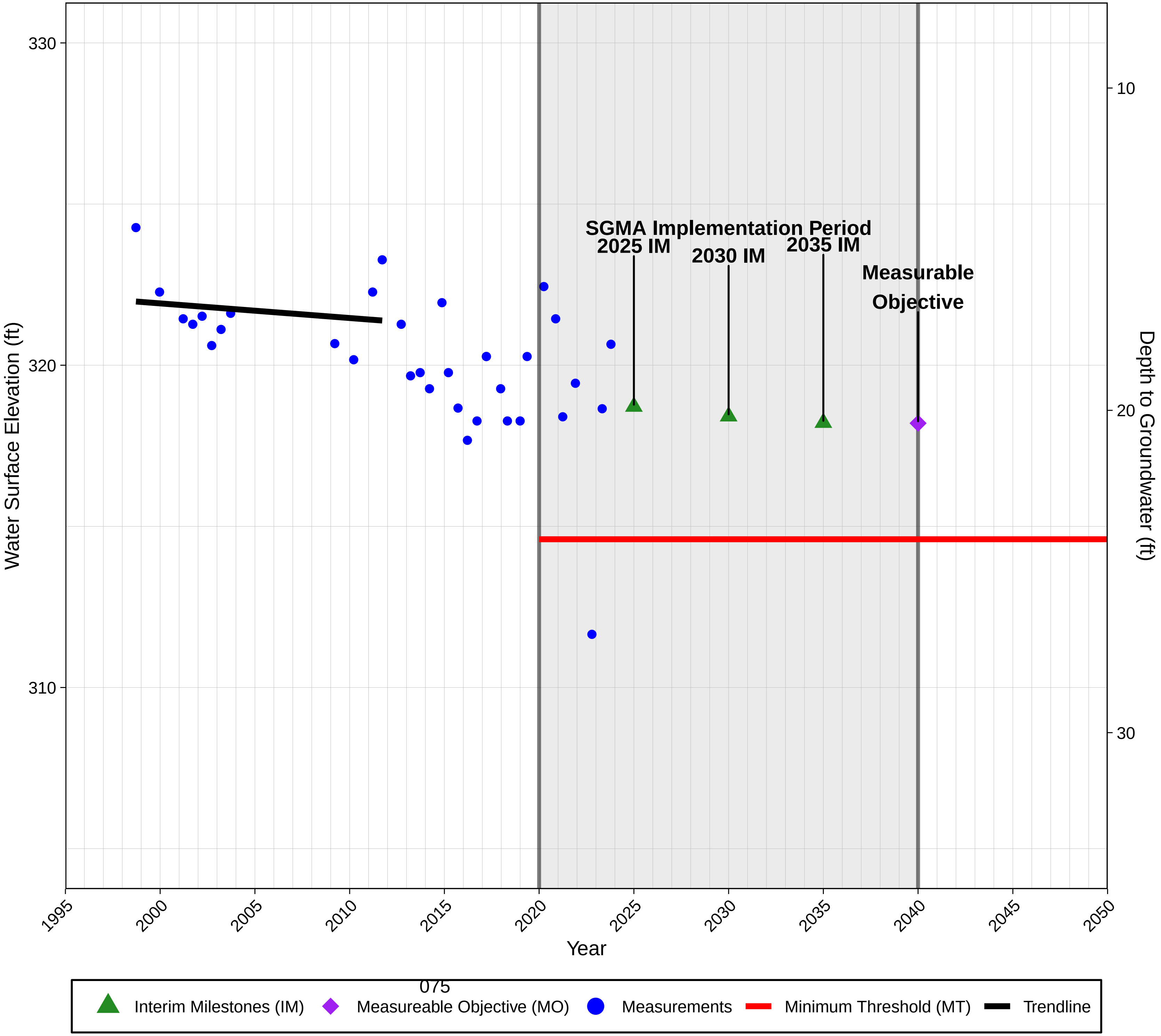


K086B
GSE: 316.4
Kings River East Groundwater Sustainability Agency

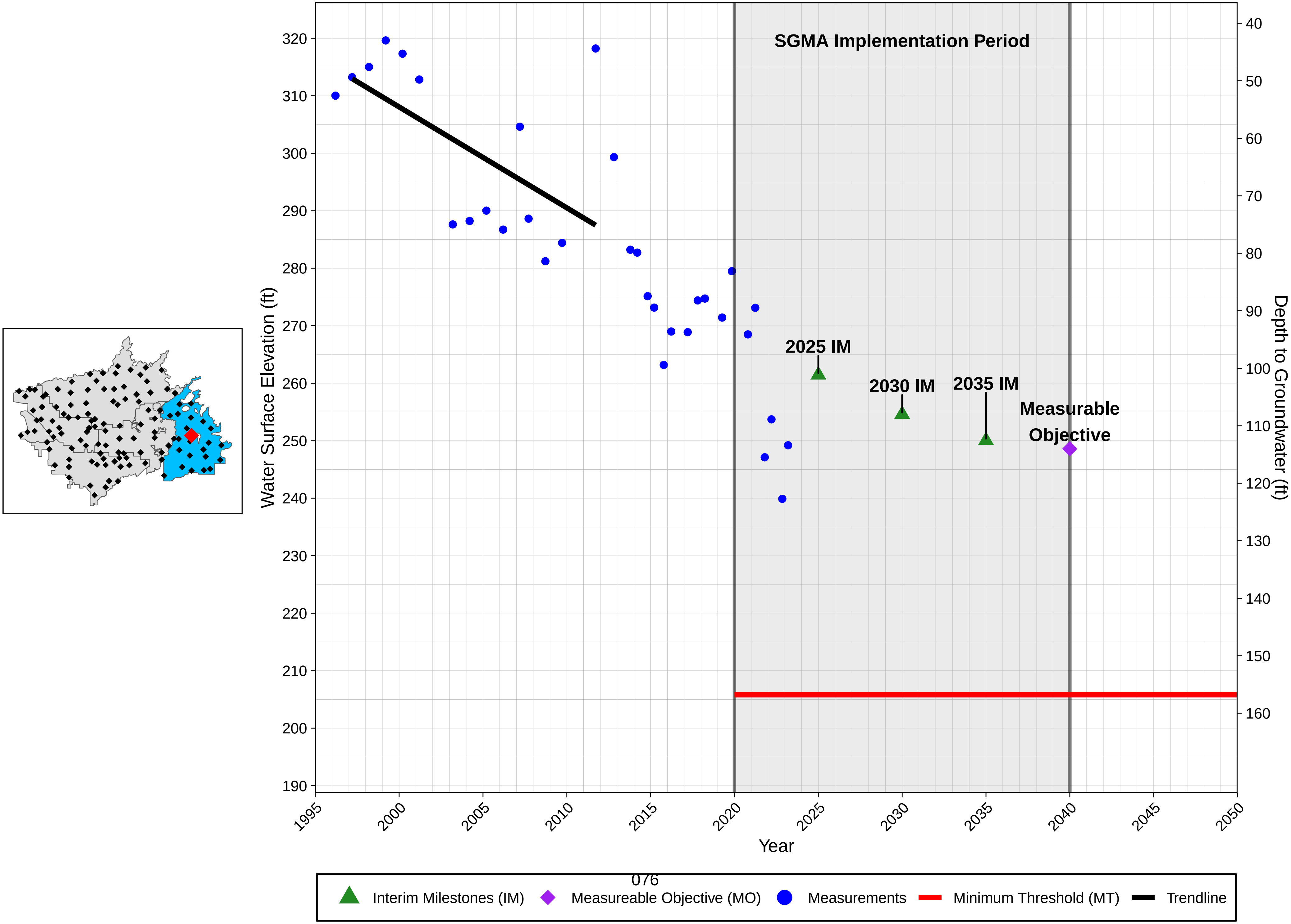


KRWD04
GSE: 338.6
Kings River East Groundwater Sustainability Agency

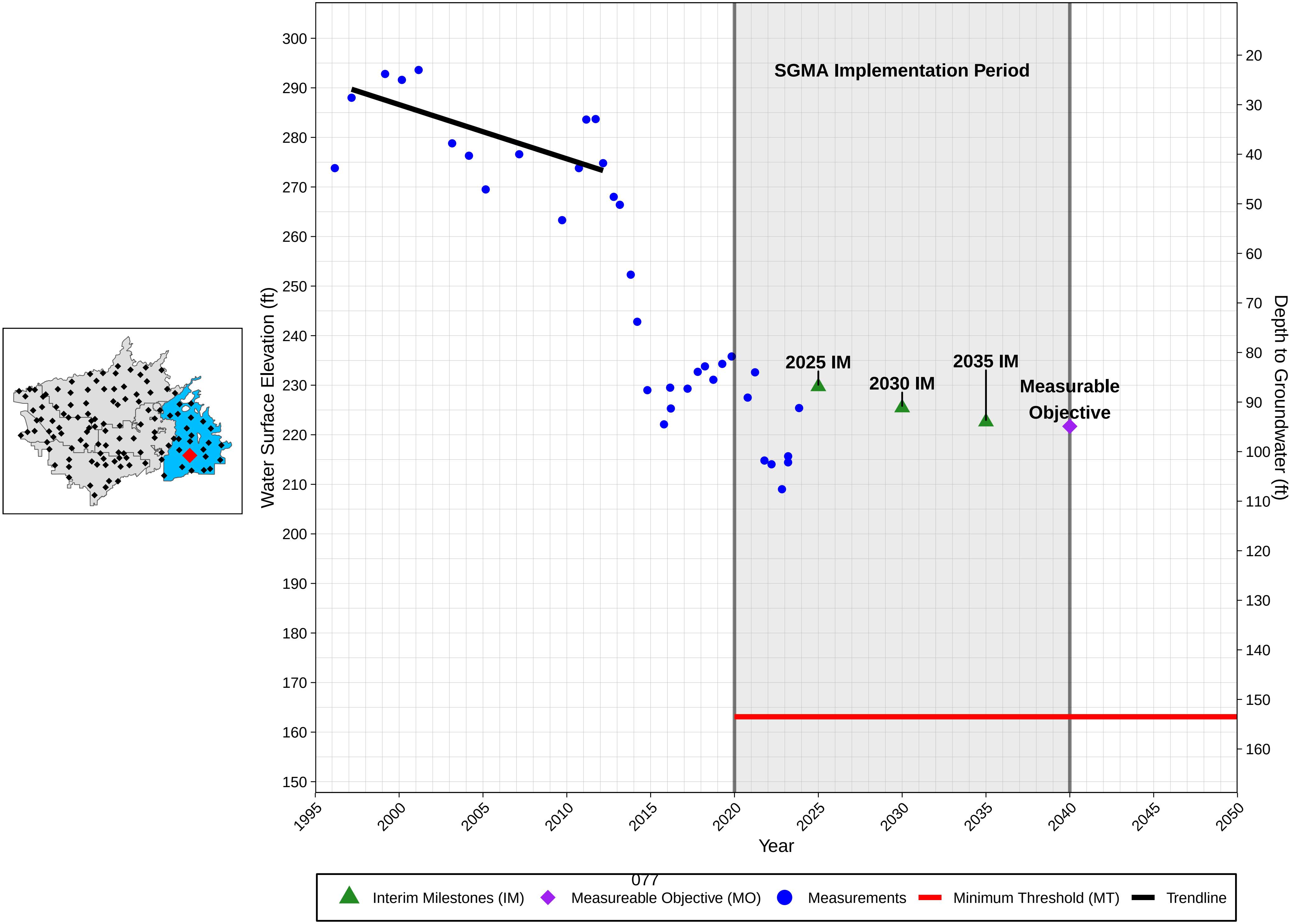




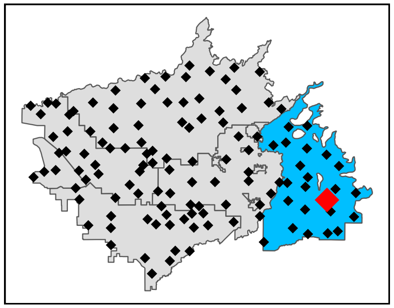
M065A
GSE: 362.6
Kings River East Groundwater Sustainability Agency

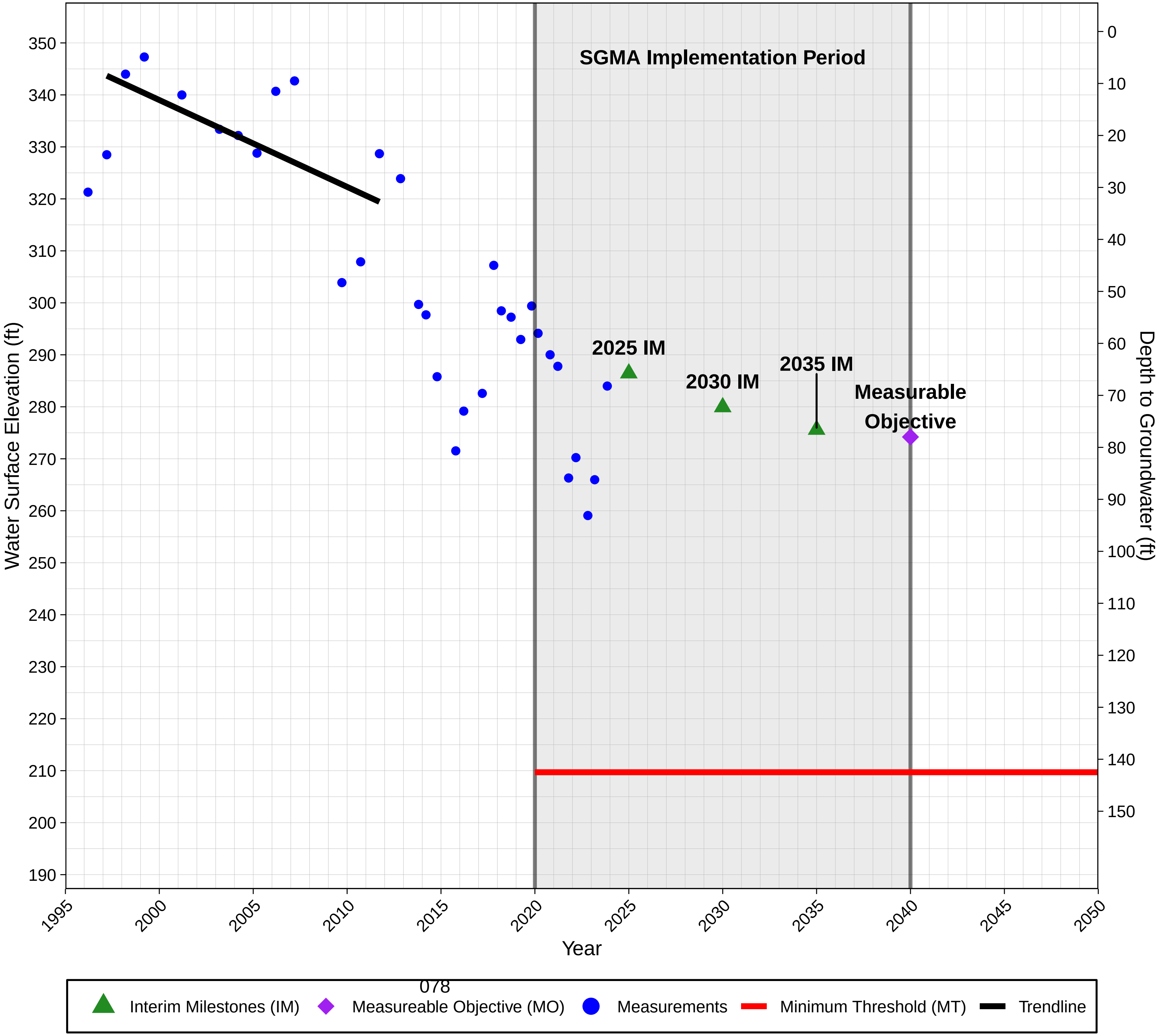


M130B
GSE: 316.6
Kings River East Groundwater Sustainability Agency

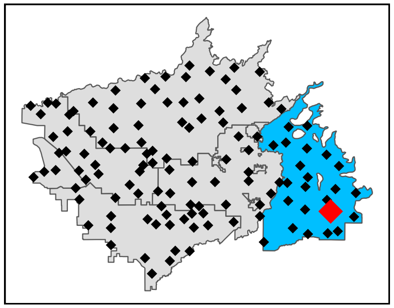


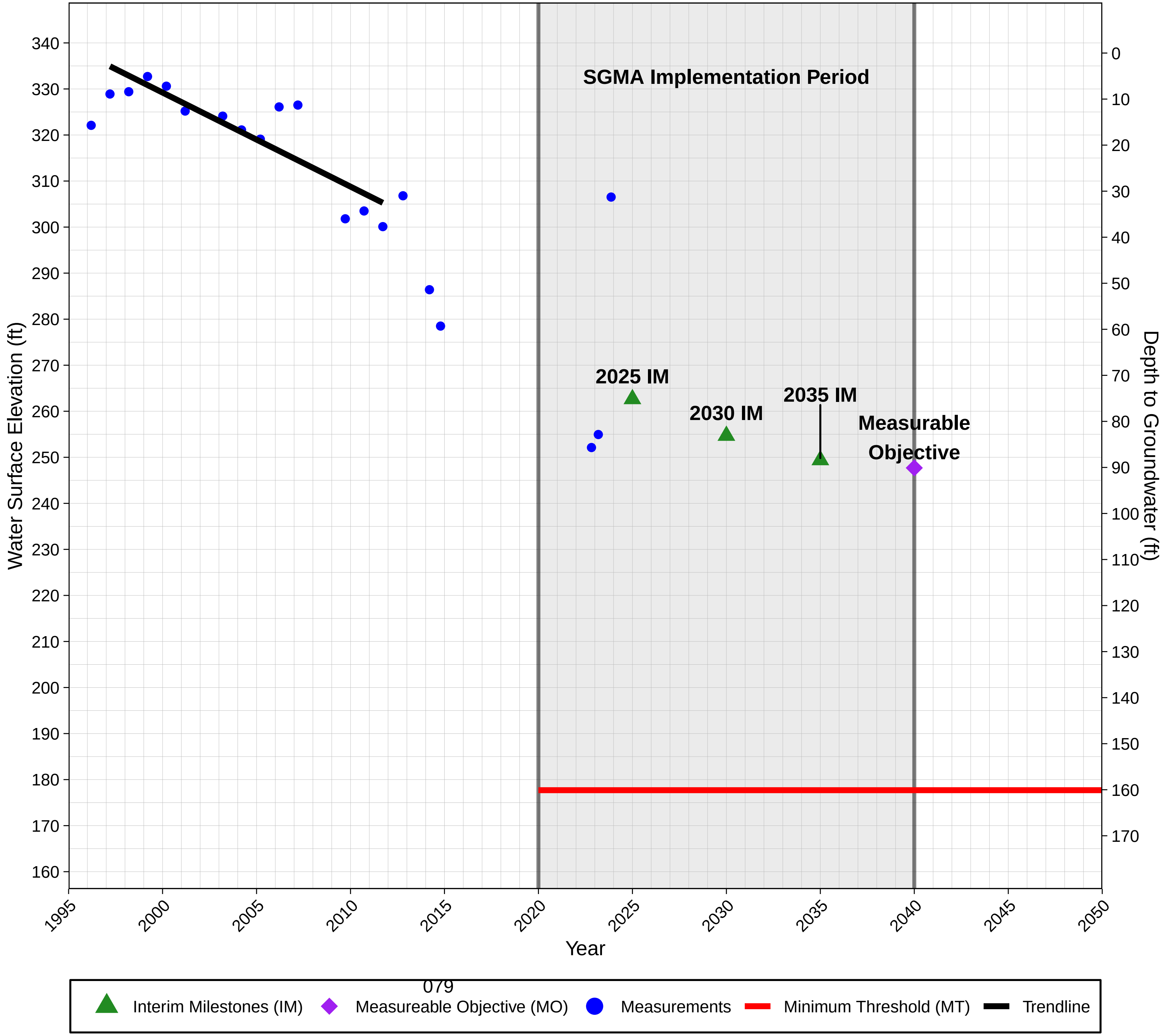
O123A
GSE: 352.2
Kings River East Groundwater Sustainability Agency

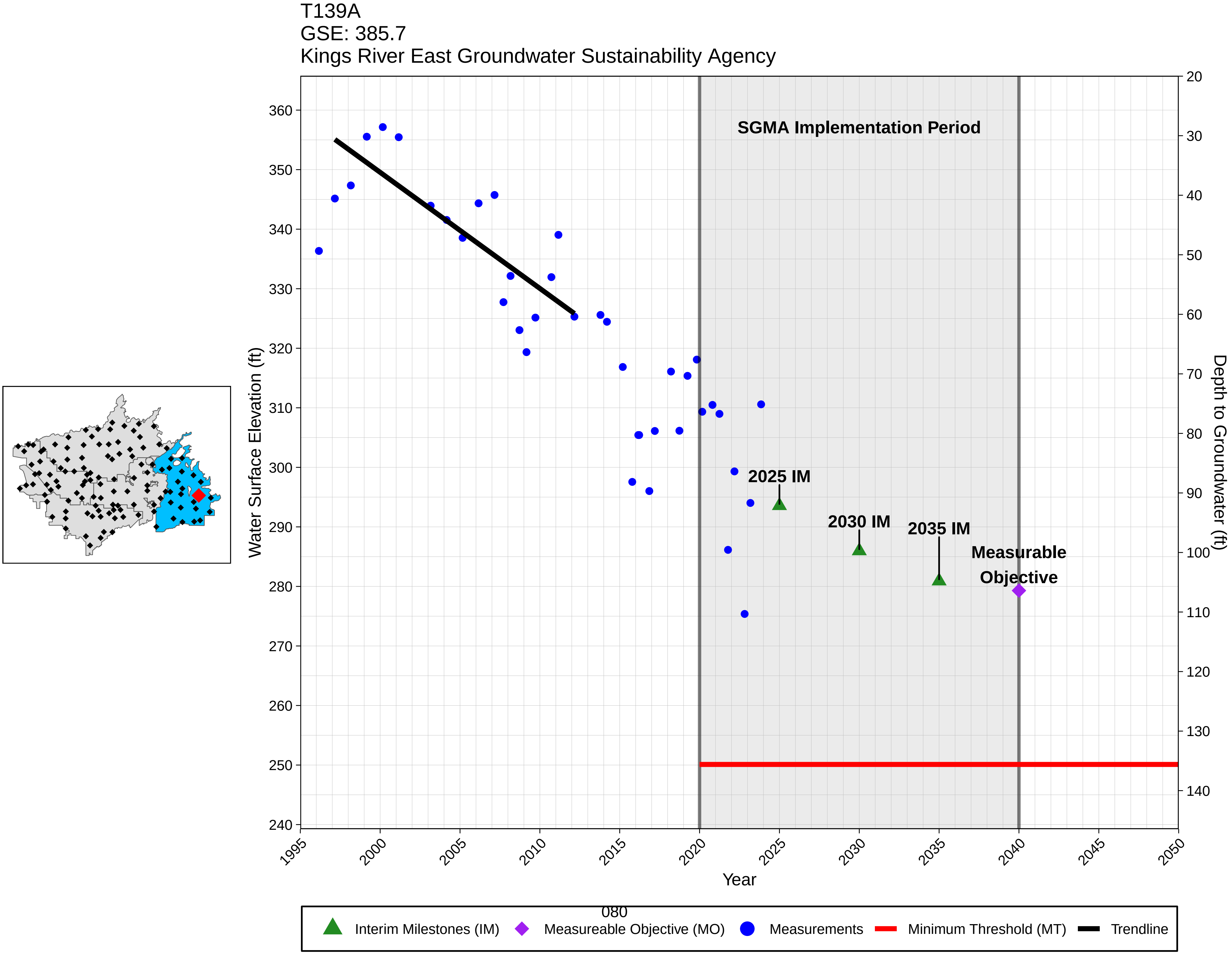




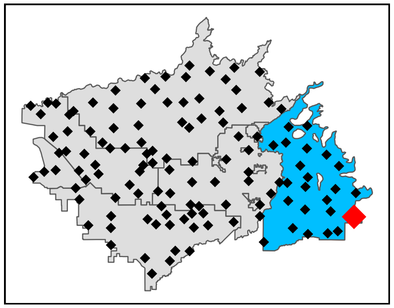
T136A
GSE: 337.8
Kings River East Groundwater Sustainability Agency

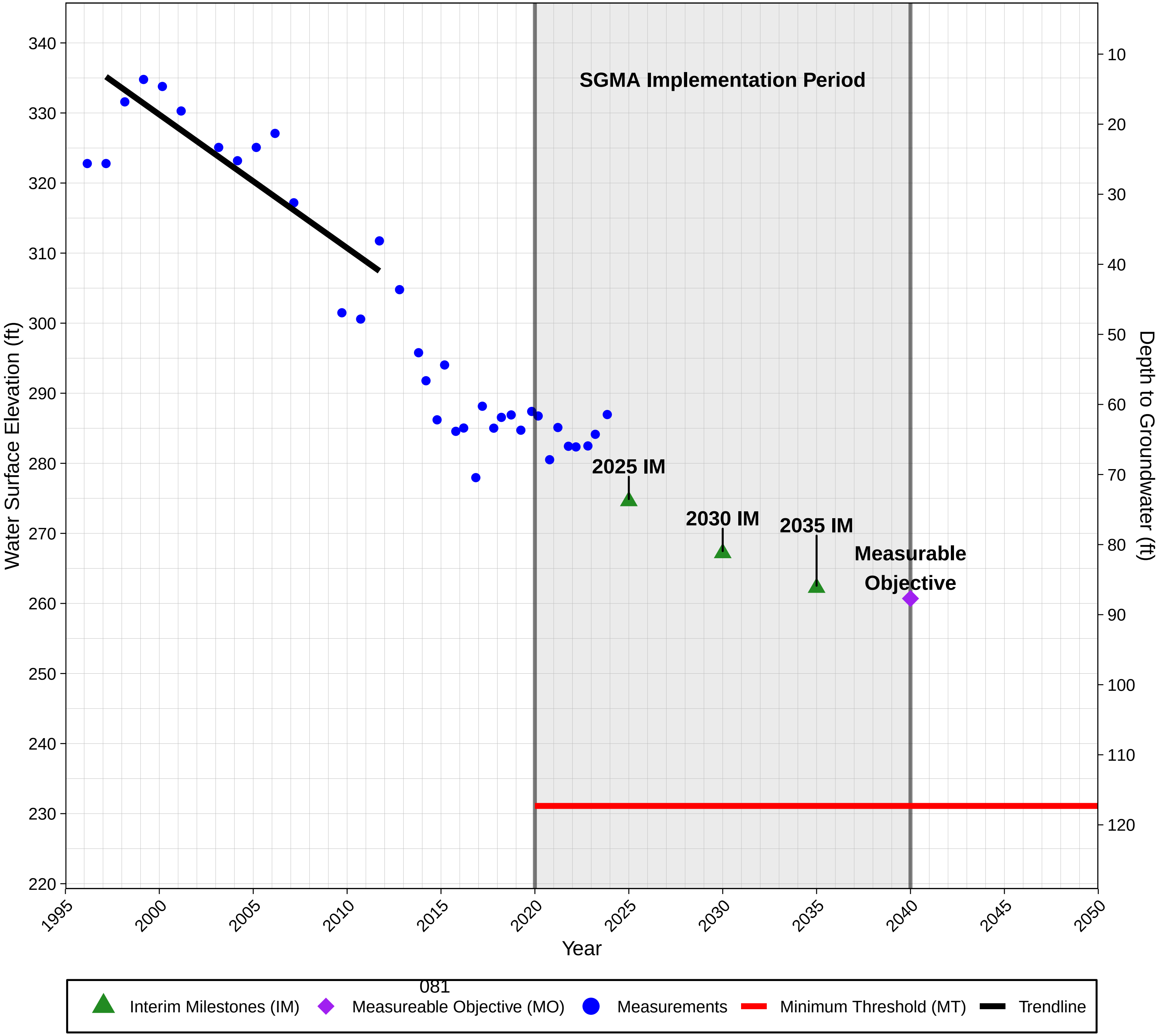




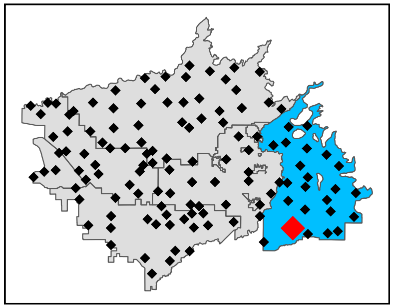

T139A
GSE: 385.7
Kings River East Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

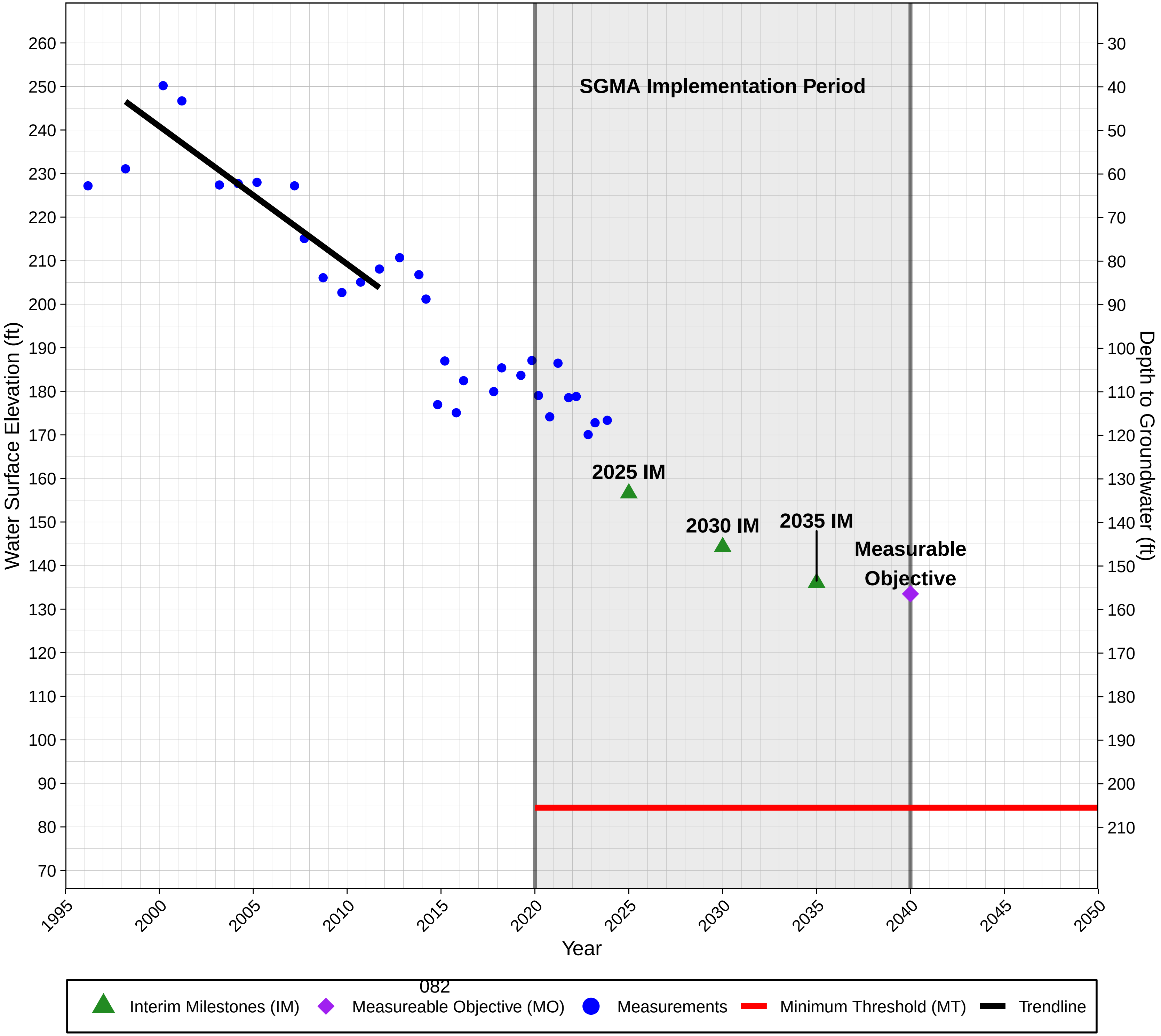
X156A
GSE: 348.4
Kings River East Groundwater Sustainability Agency



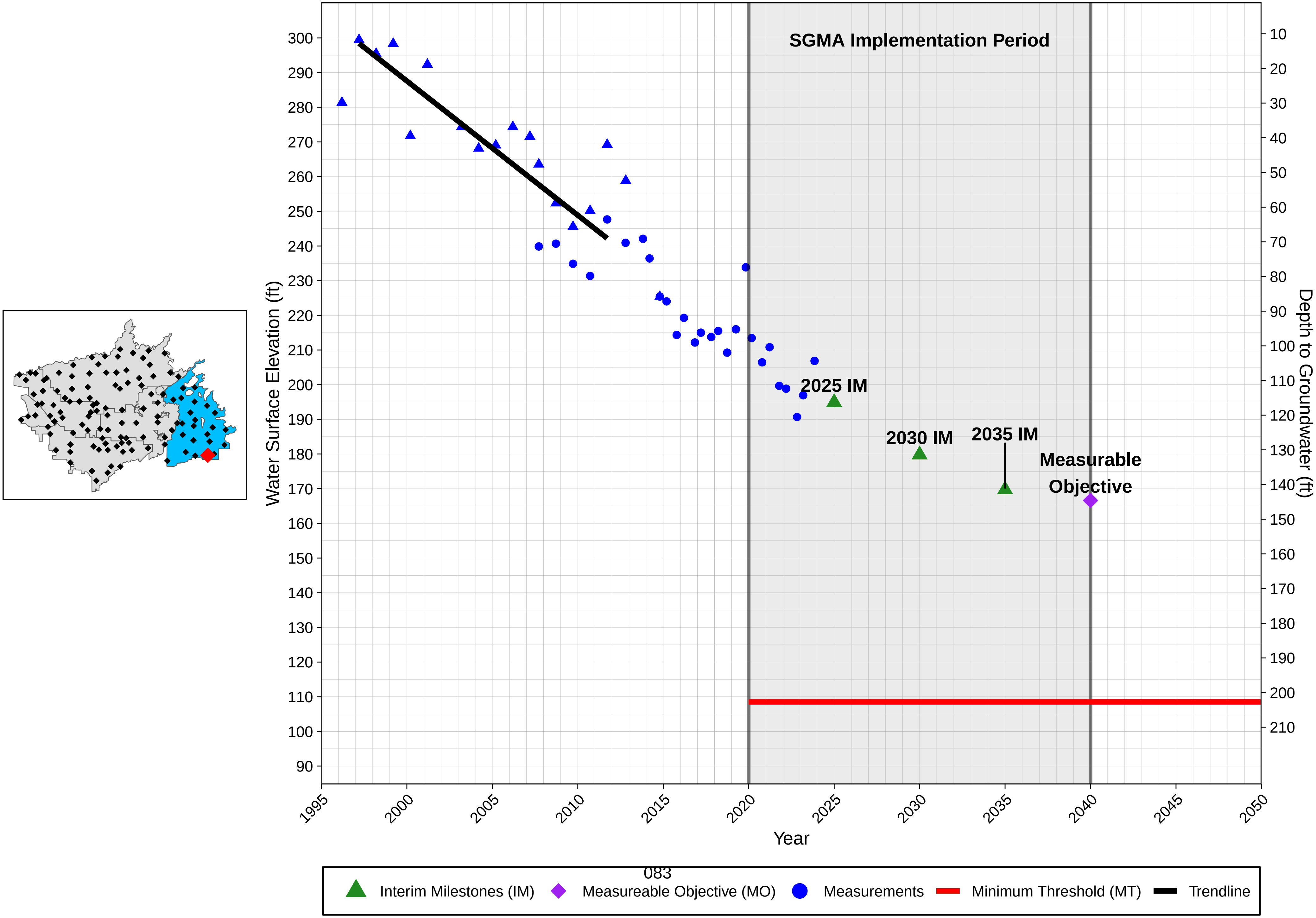


X176A
GSE: 289.9
Kings River East Groundwater Sustainability Agency

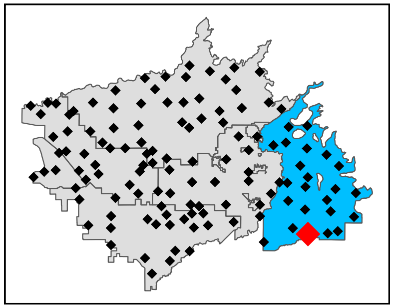


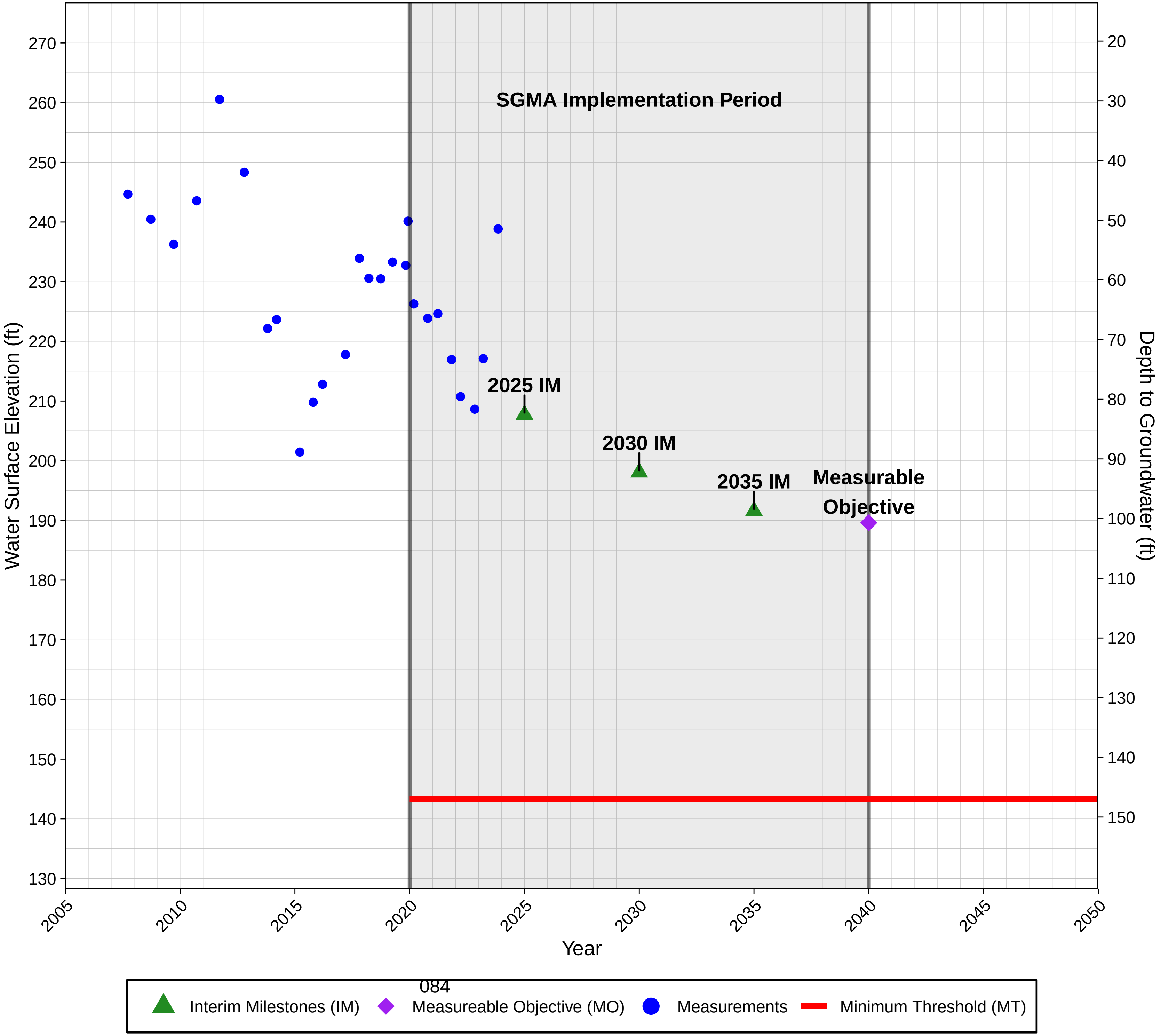


X211A
GSE: 311.2
Kings River East Groundwater Sustainability Agency
Historical Well: X213A

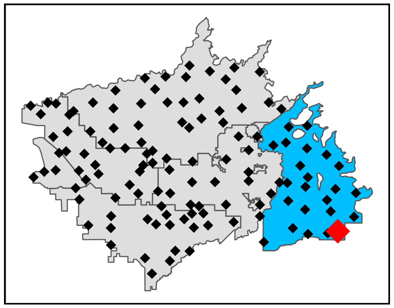


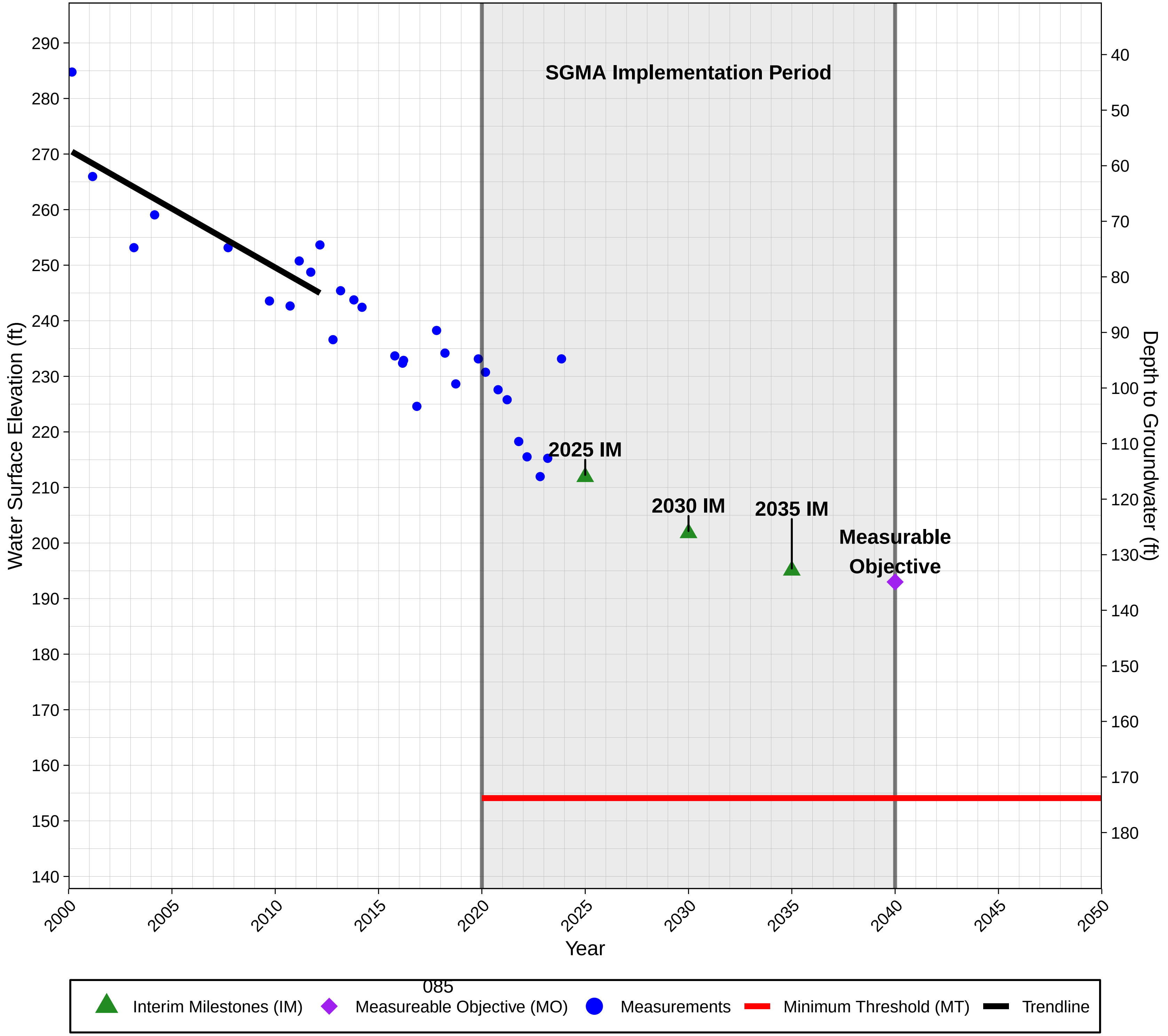
X218B
GSE: 290.3
Kings River East Groundwater Sustainability Agency



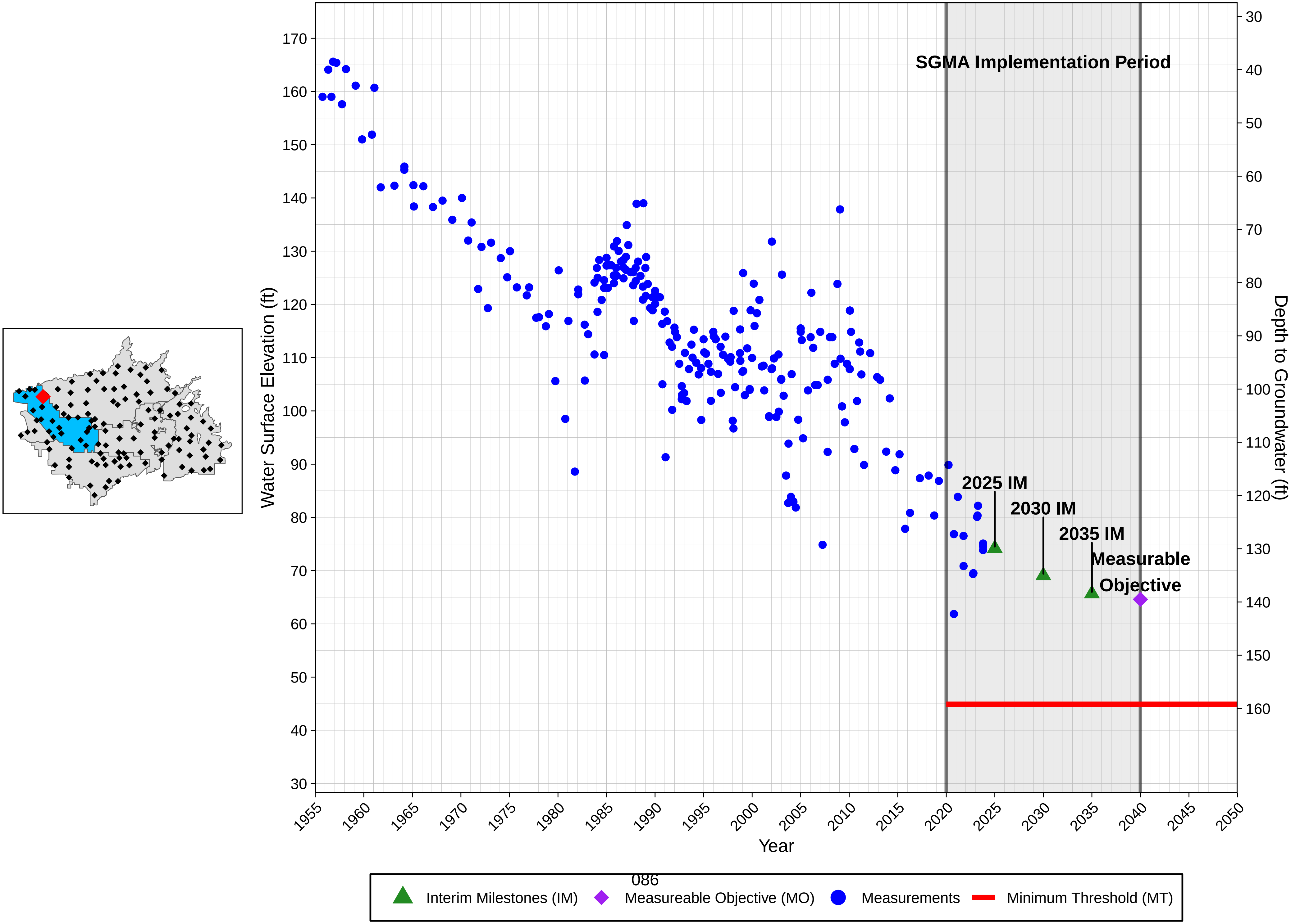


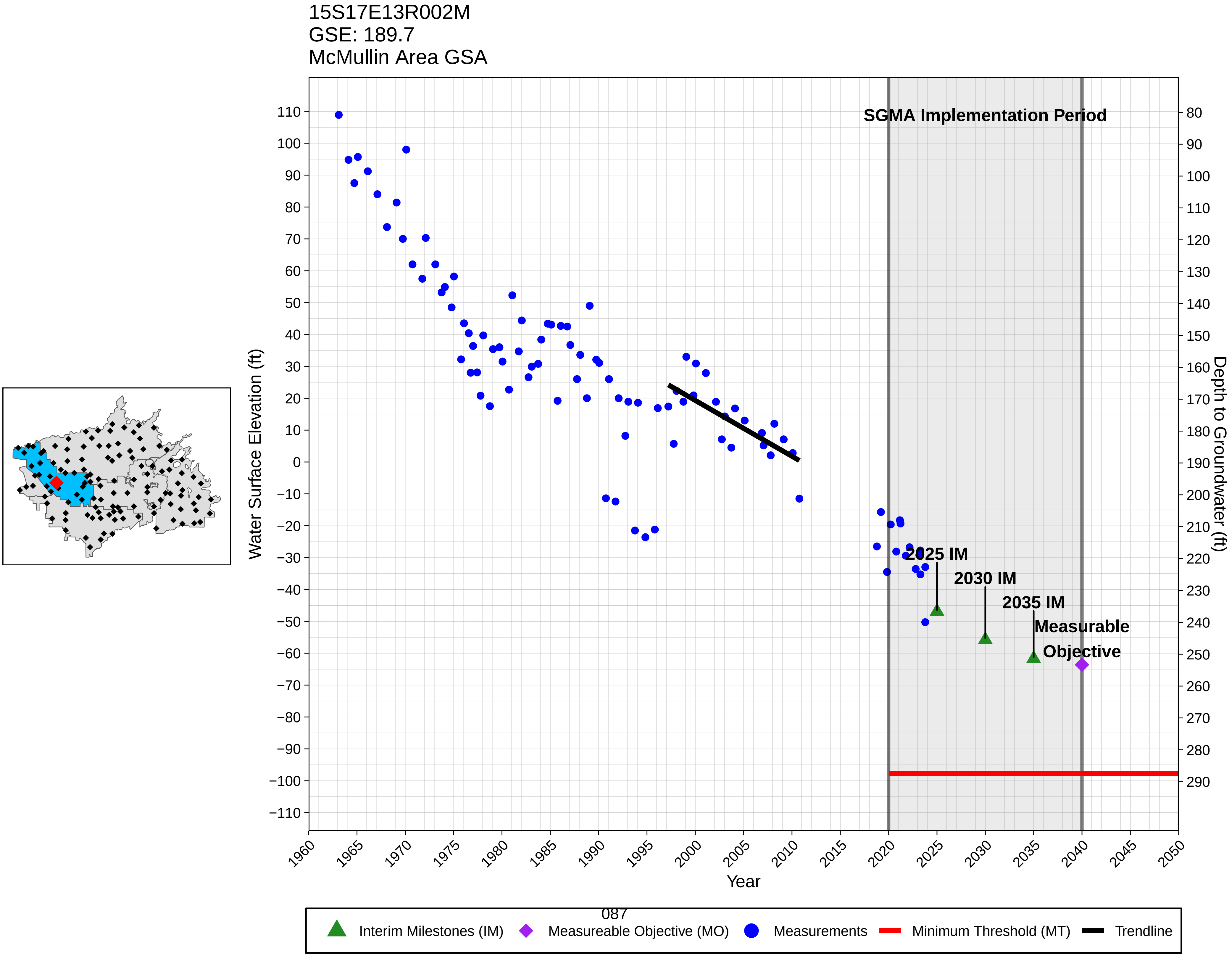
X234B
GSE: 327.9
Kings River East Groundwater Sustainability Agency

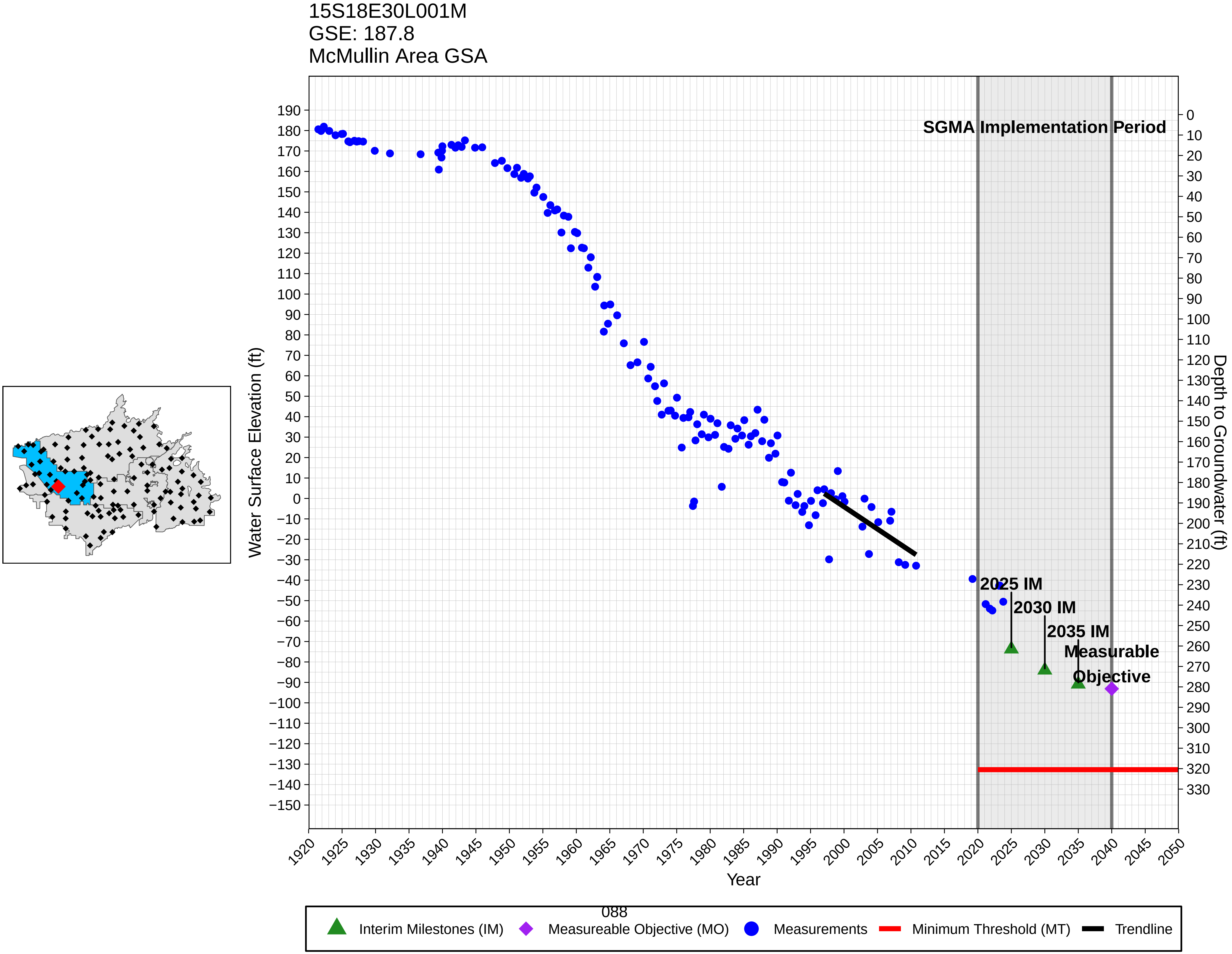




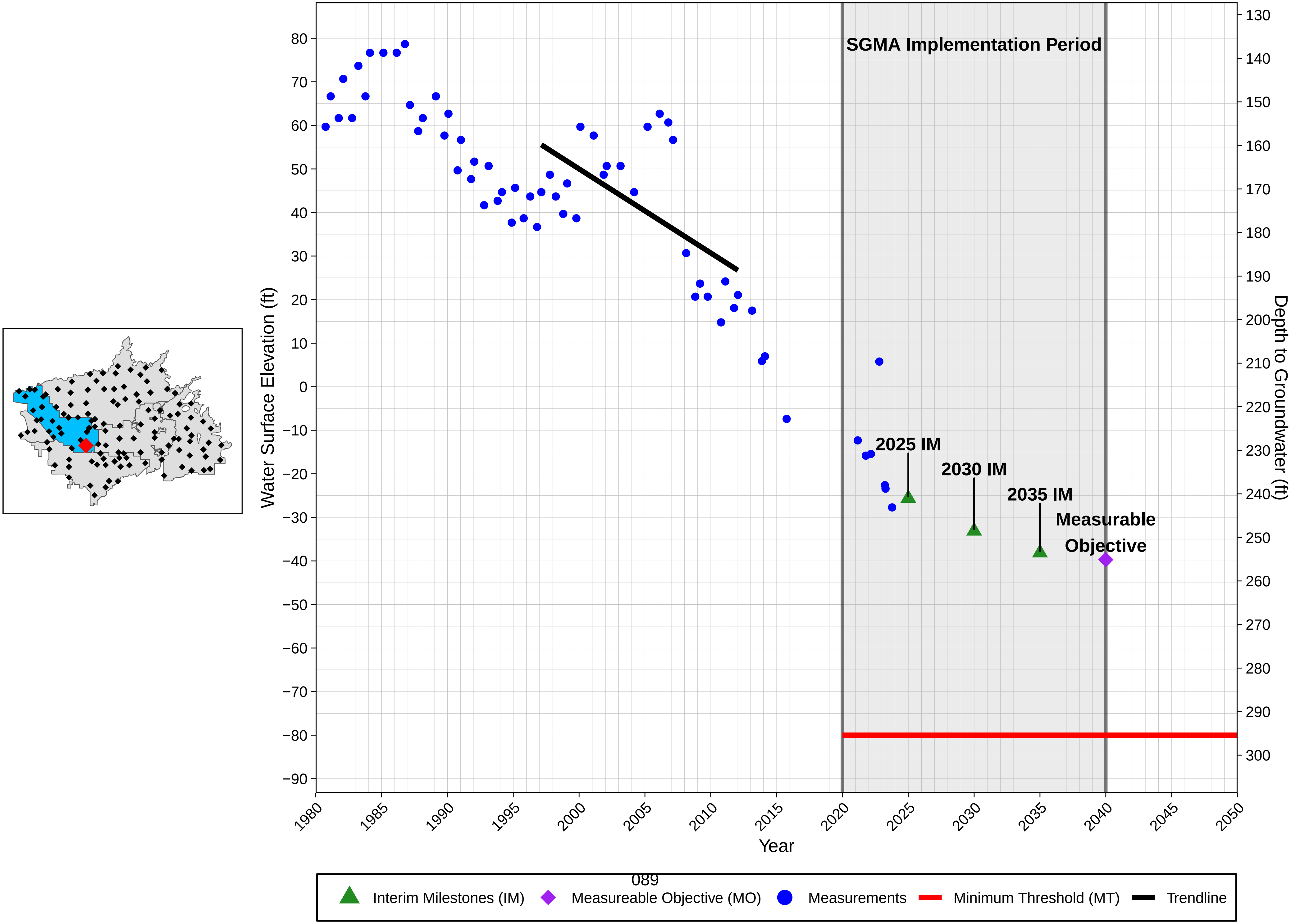
14S17E05C001MX
GSE: 204.1
McMullin Area GSA



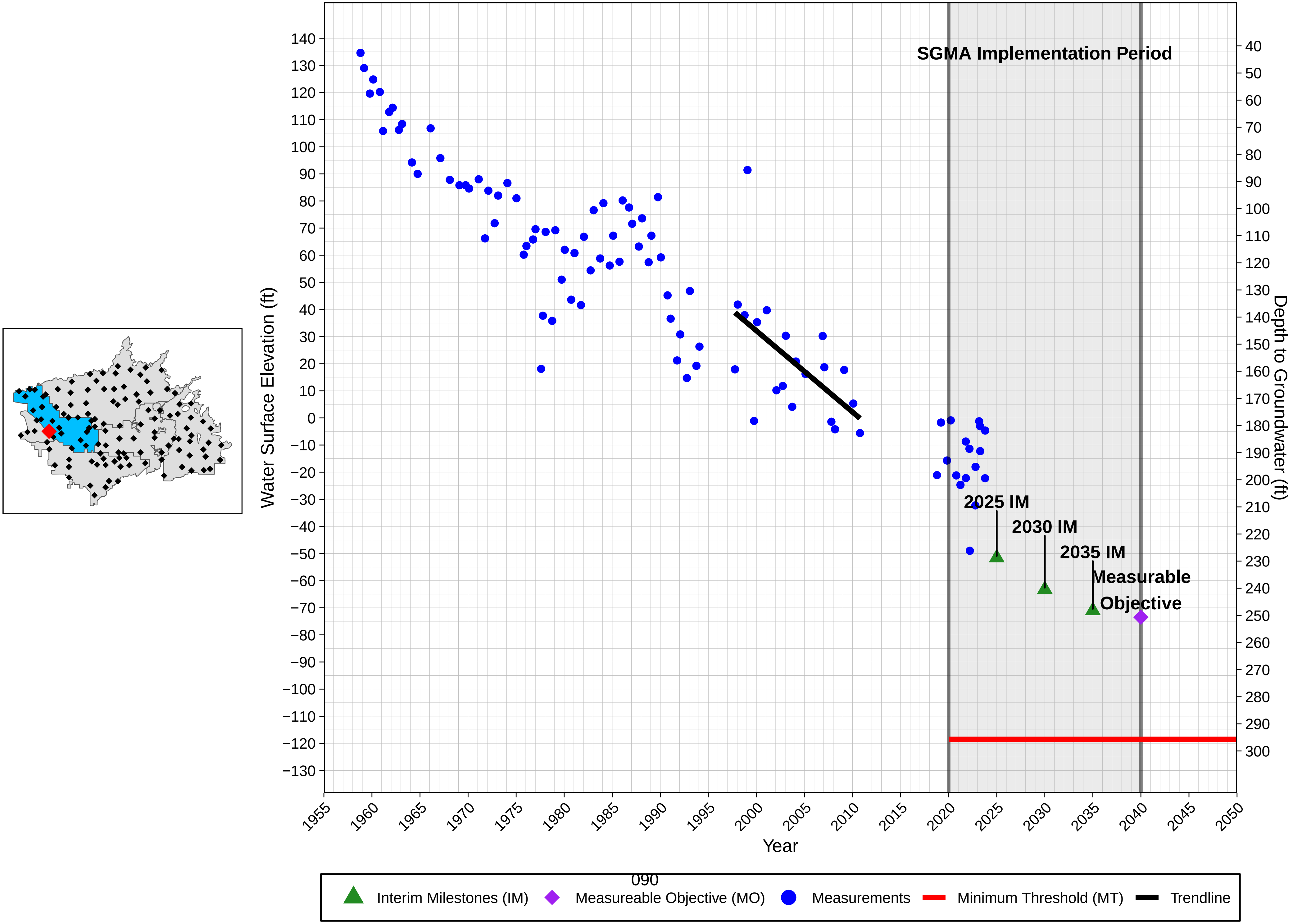

15S17E13R002M
GSE: 189.7
McMullin Area GSA
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

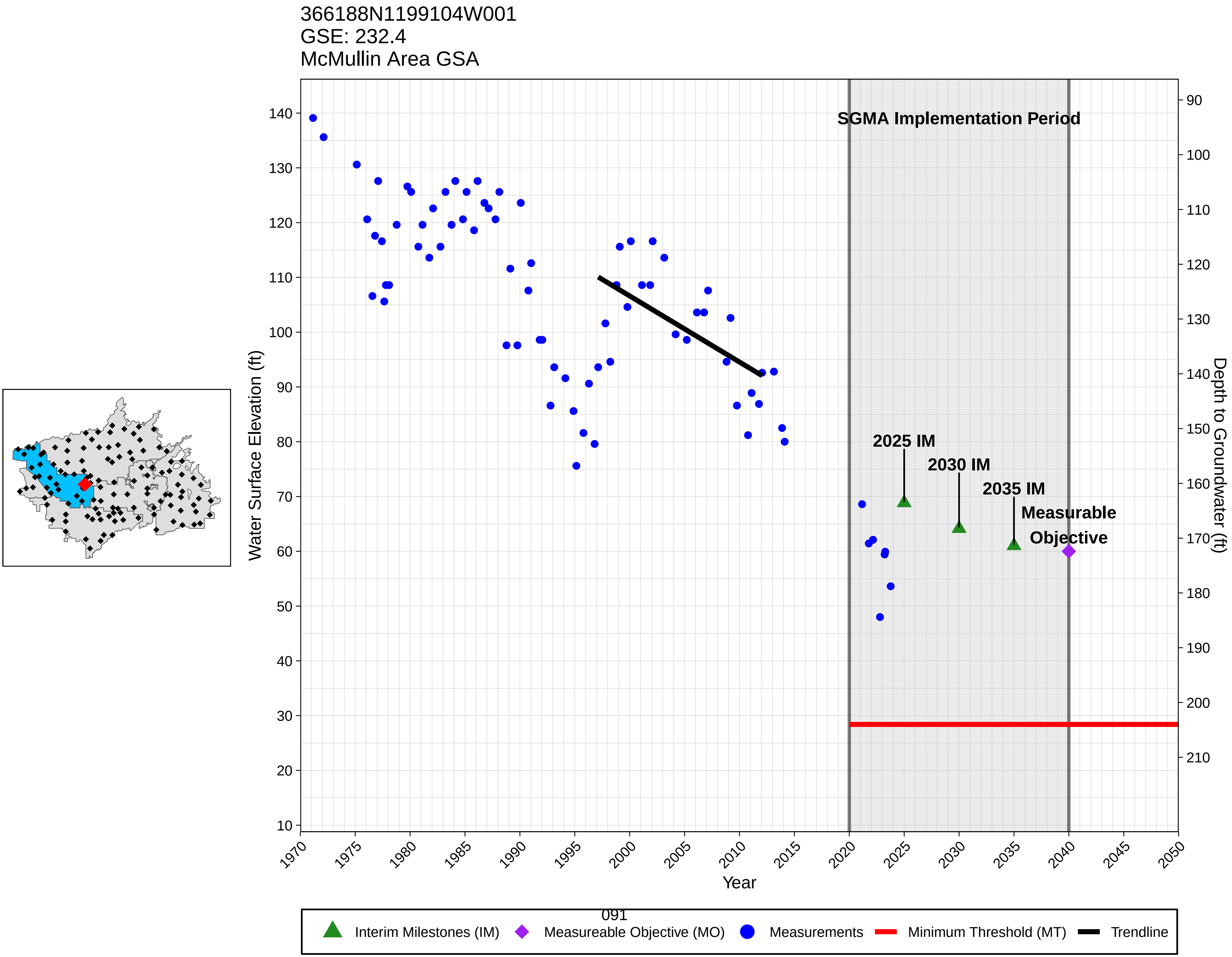

15S18E30L001M
GSE: 187.8
McMullin Area GSA
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

365463N1199268W001
GSE: 215.4
McMullin Area GSA

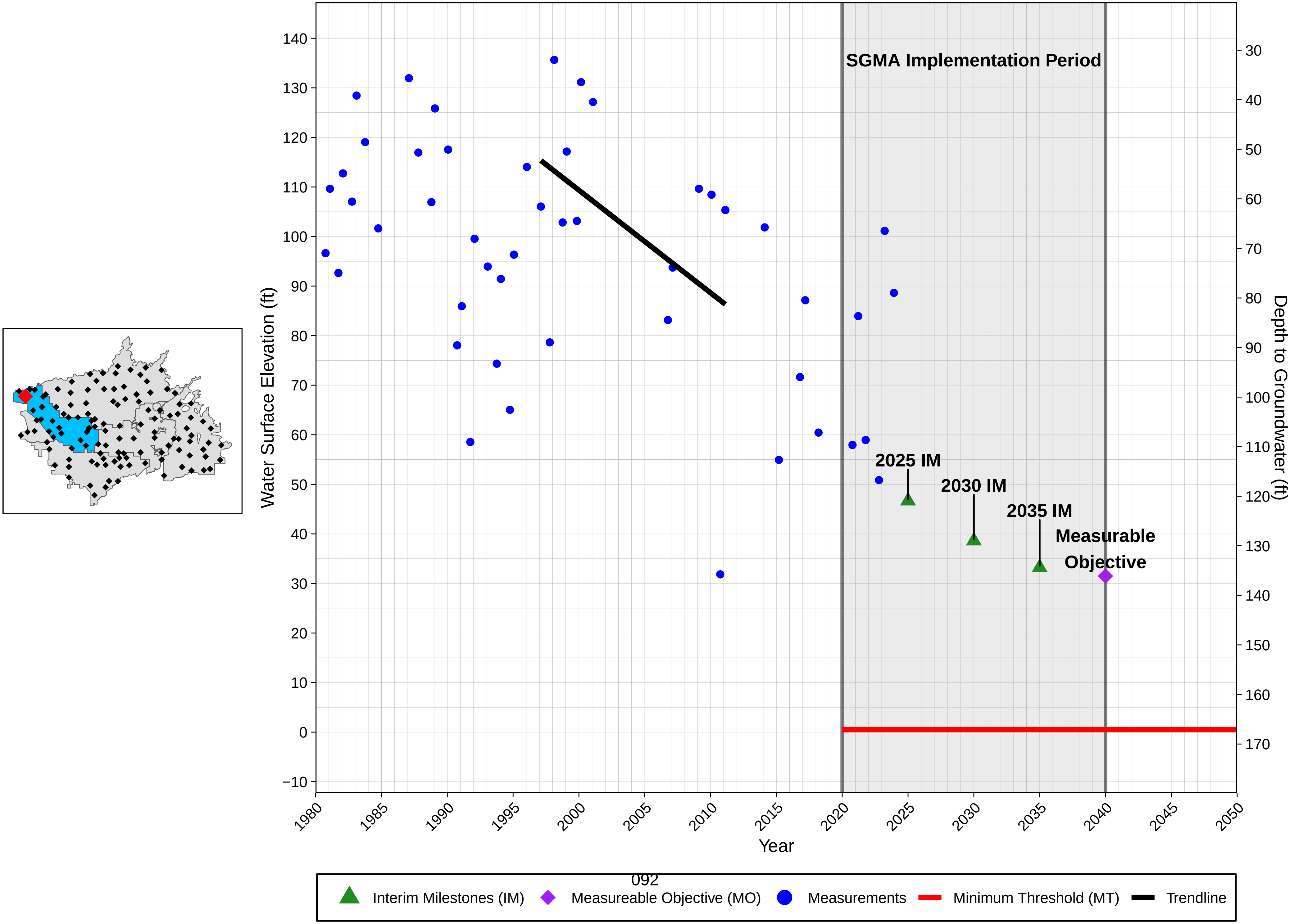


366082N1201199W001
GSE: 177.2
McMullin Area GSA

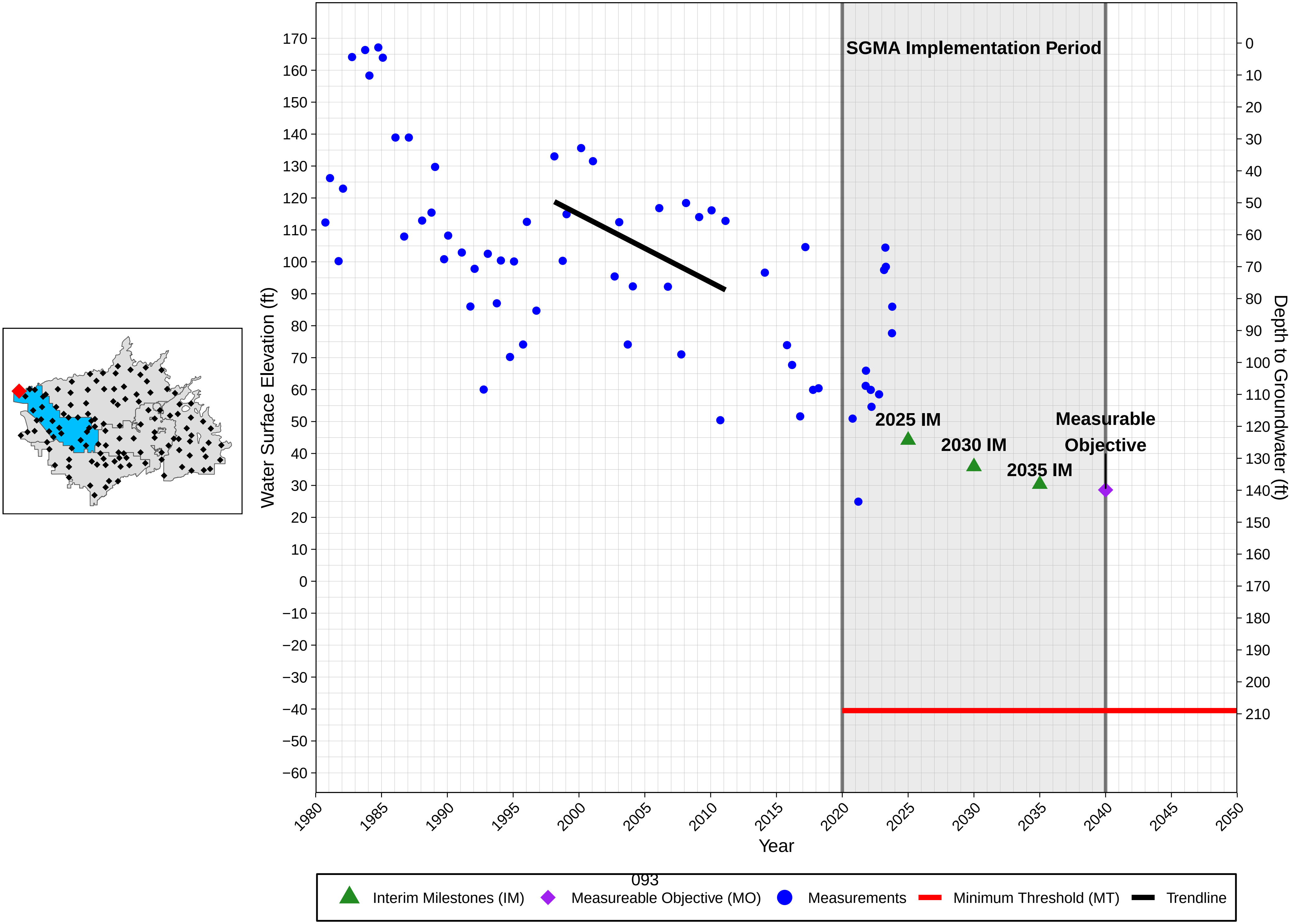



366188N1199104W001
GSE: 232.4
McMullin Area GSA
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

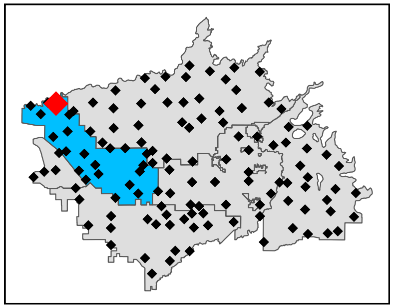
367488N1202374W001
GSE: 167.6
McMullin Area GSA

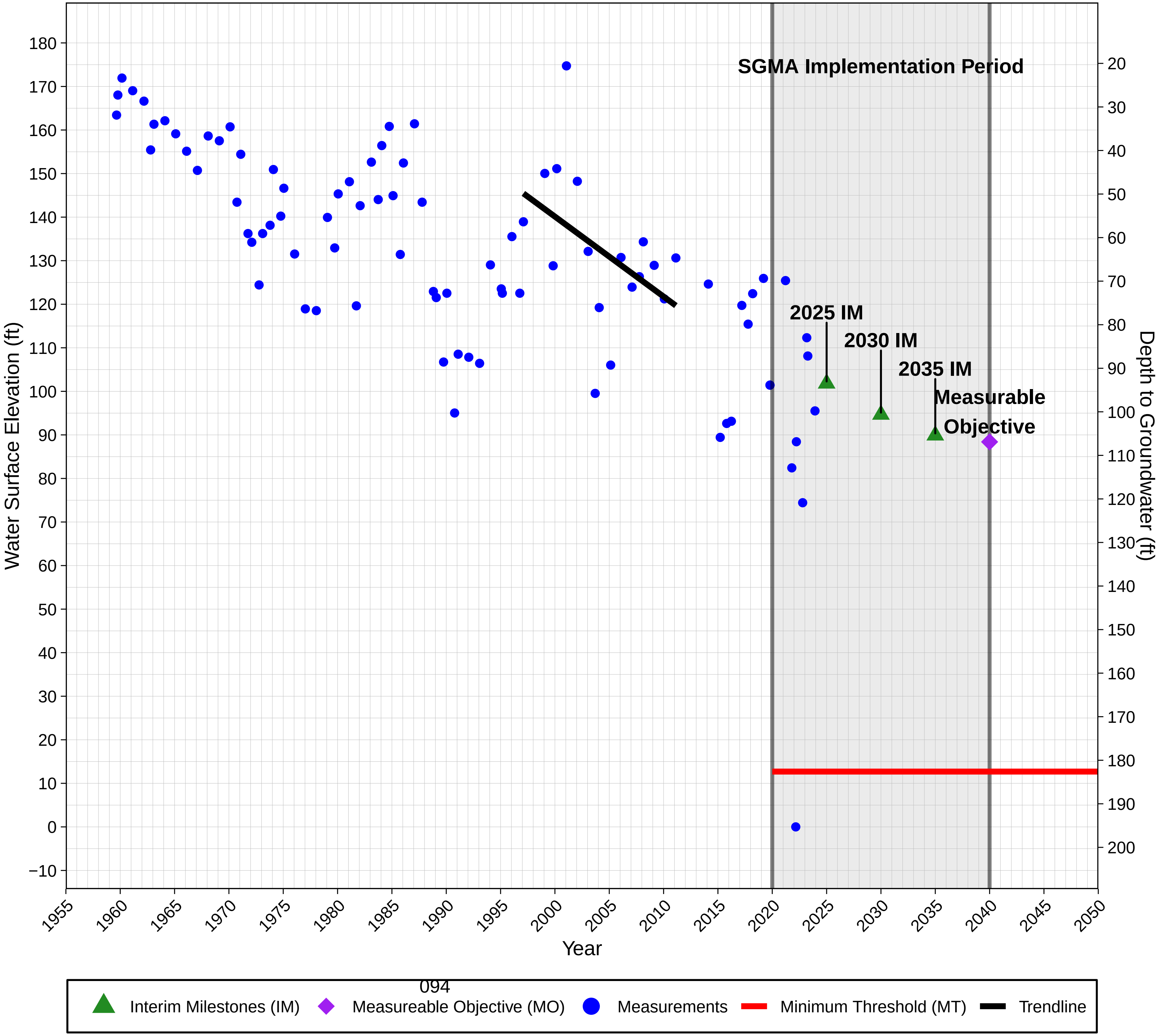


367705N1202691W001
GSE: 168.5
McMullin Area GSA

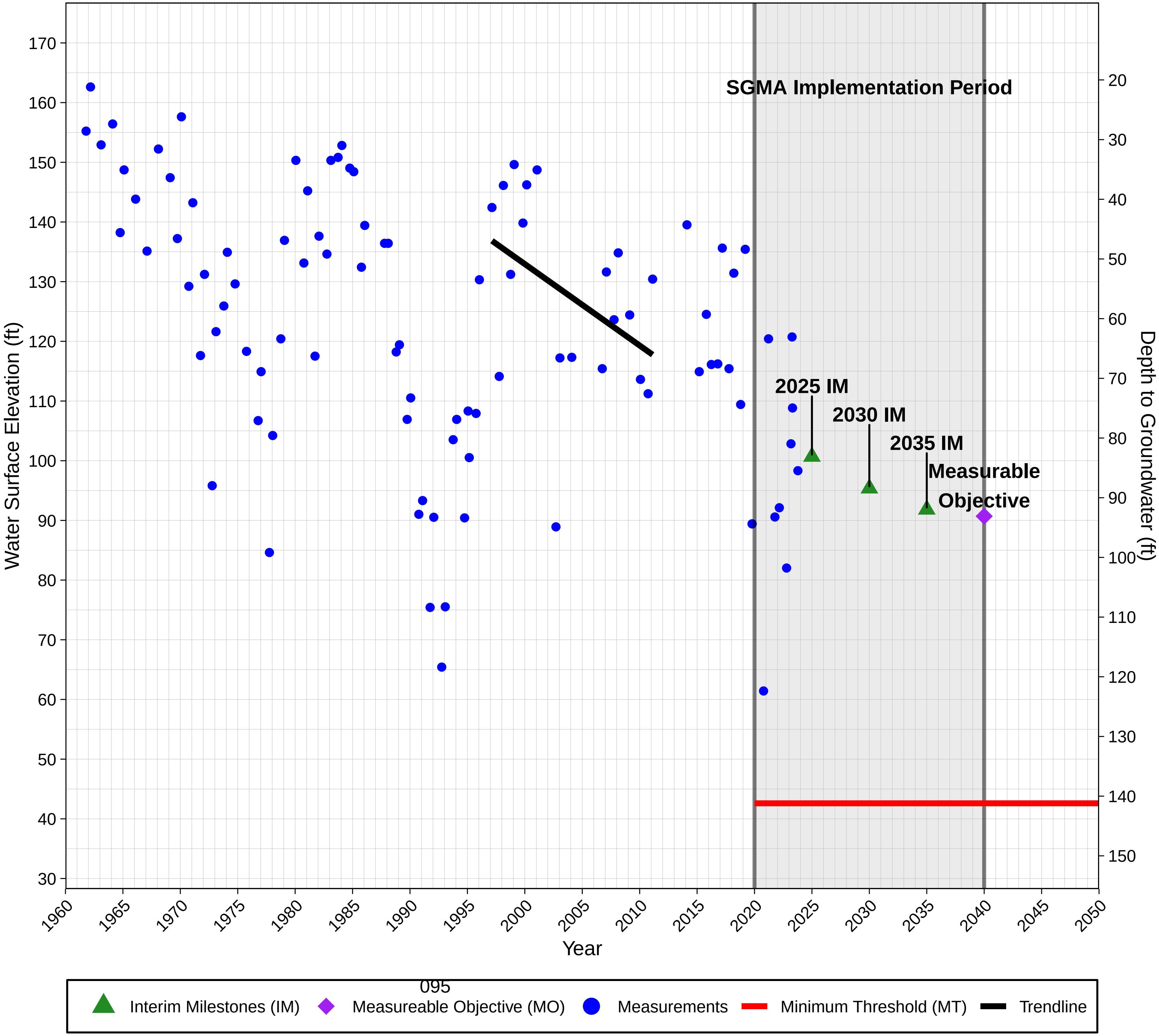


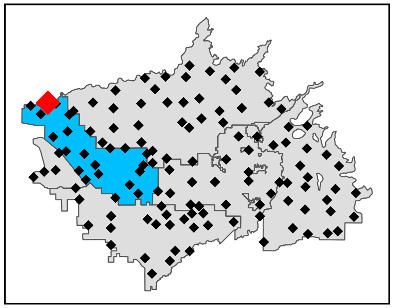
367757N1201874W001
GSE: 195.3
McMullin Area GSA



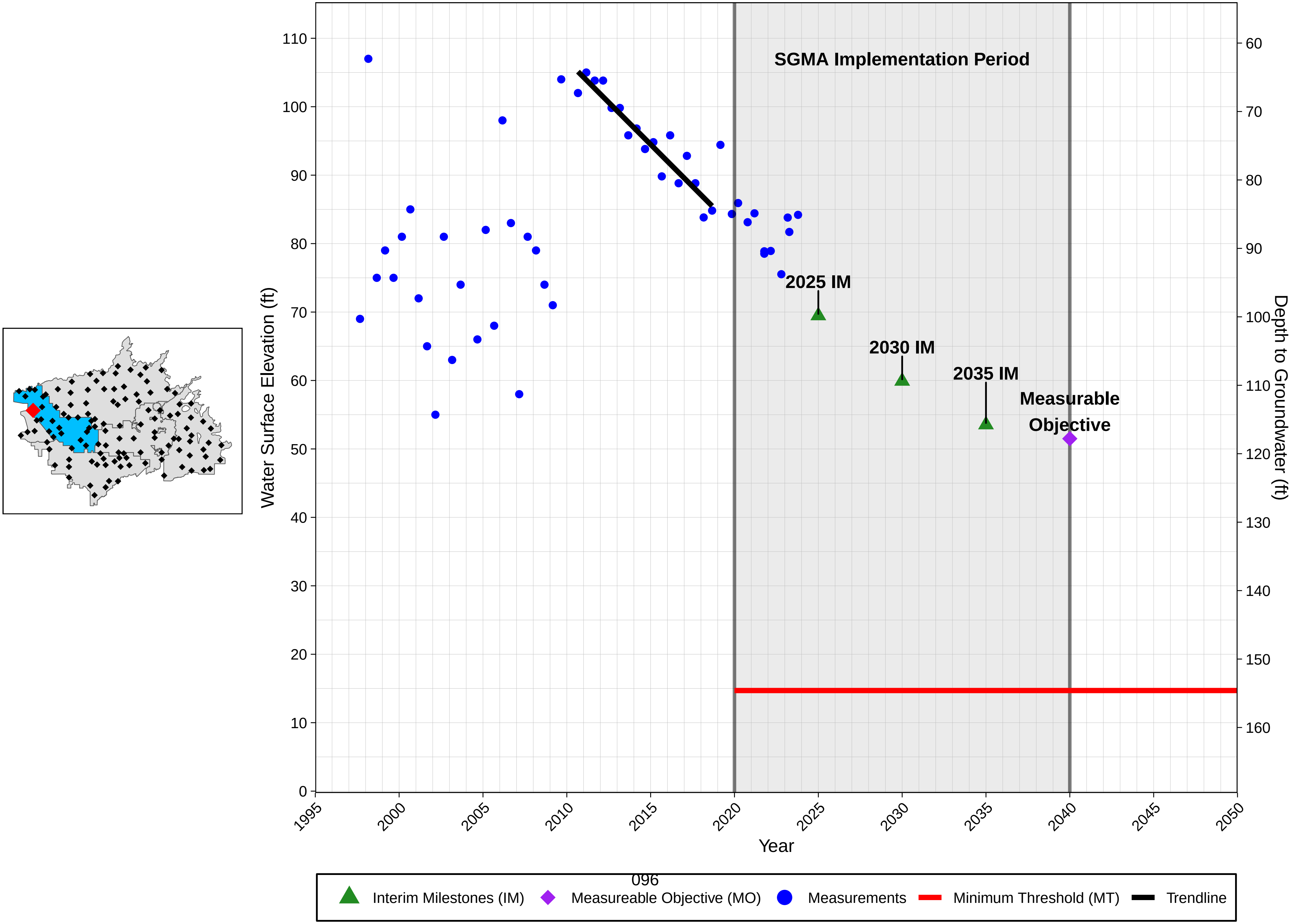


367782N1202141W001
GSE: 183.8
McMullin Area GSA

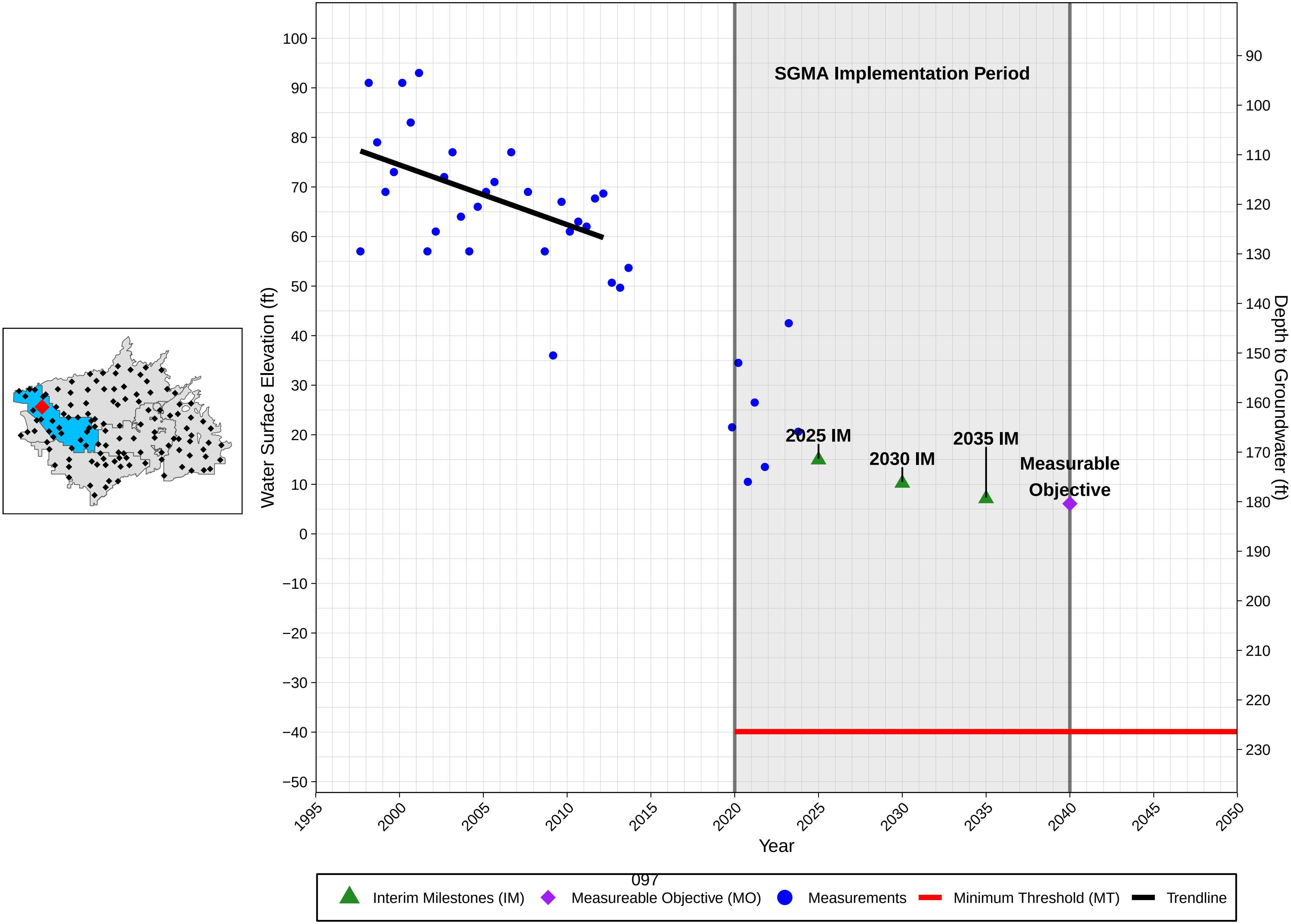




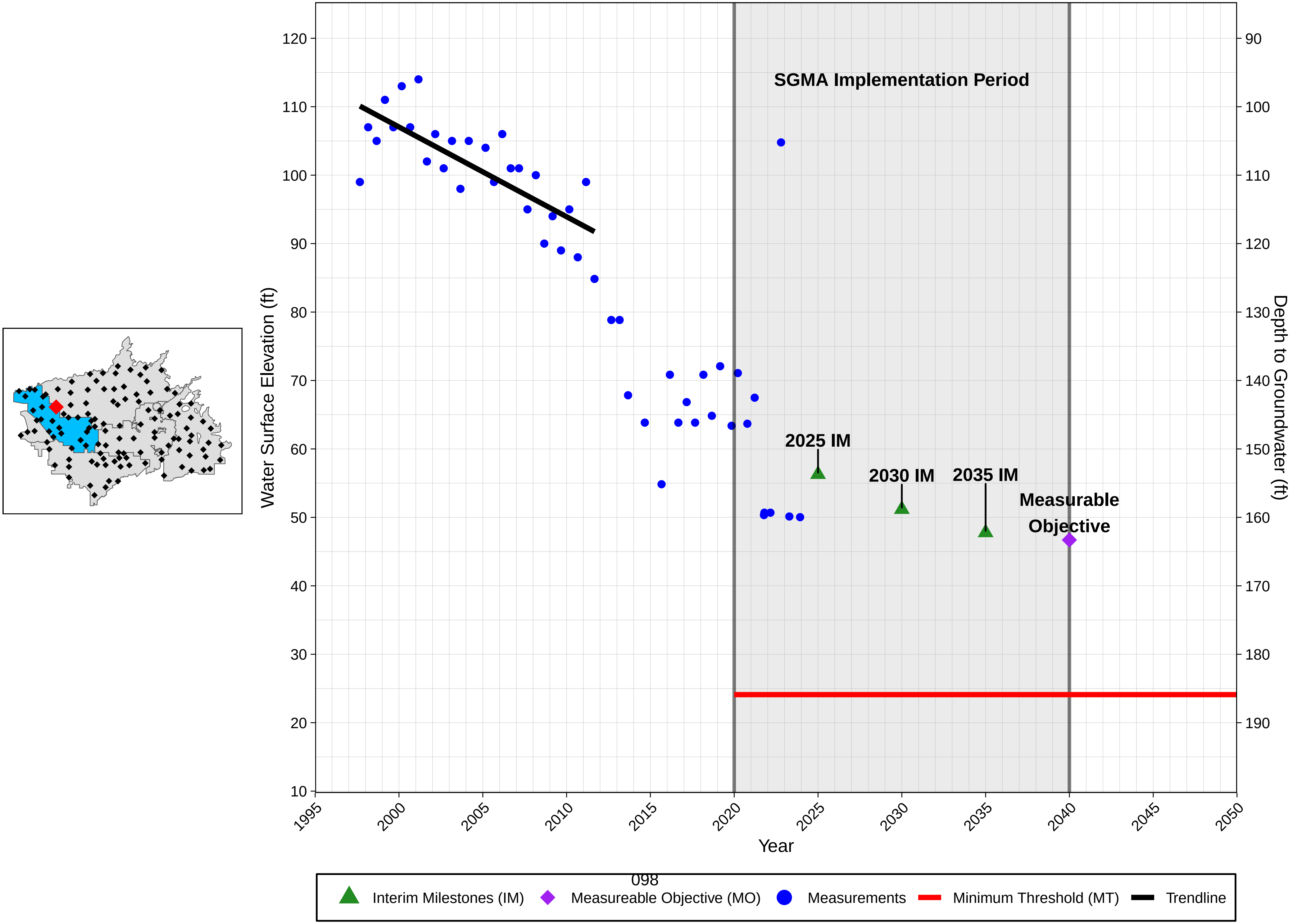
A07
GSE: 169.3
McMullin Area GSA



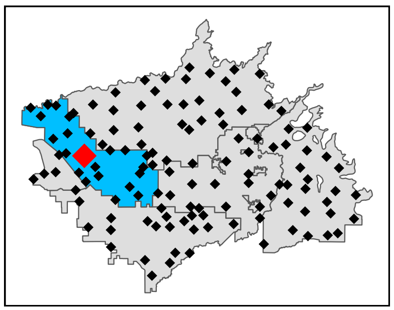
A15
GSE: 186.5
McMullin Area GSA

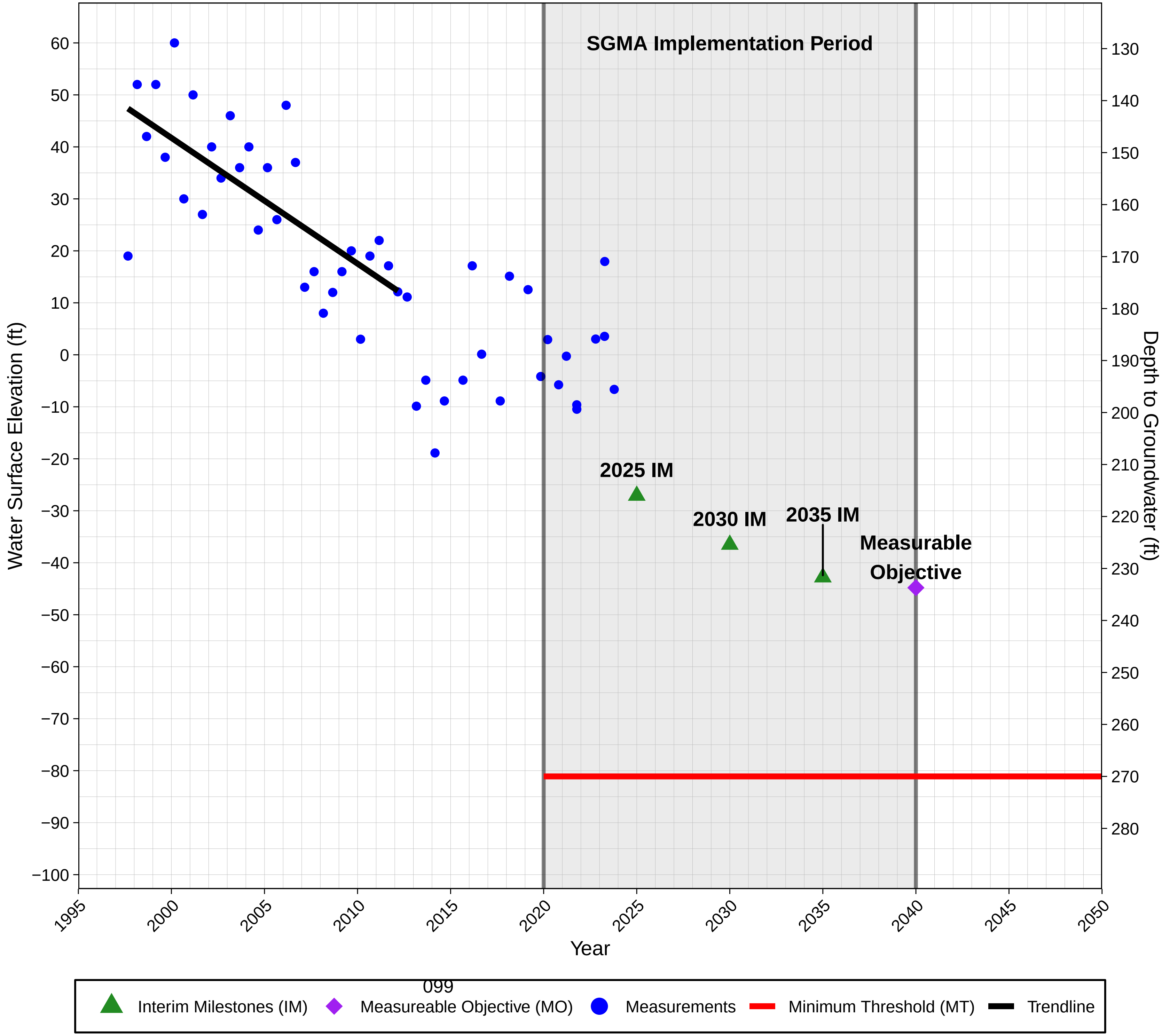


A17
GSE: 210
McMullin Area GSA

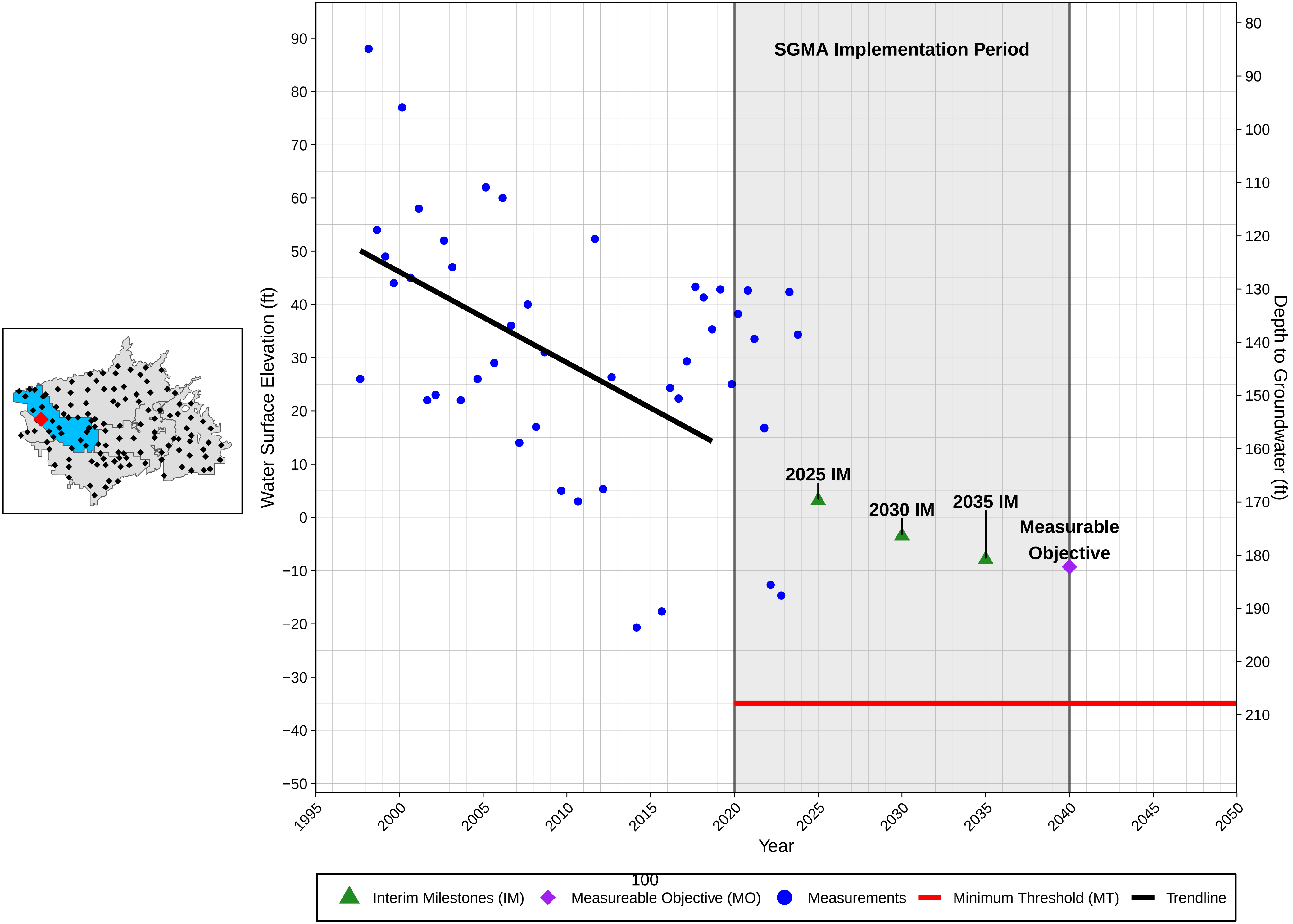


A23
GSE: 188.9
McMullin Area GSA

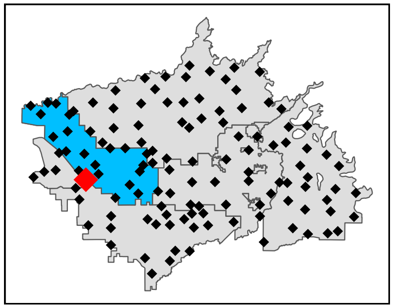


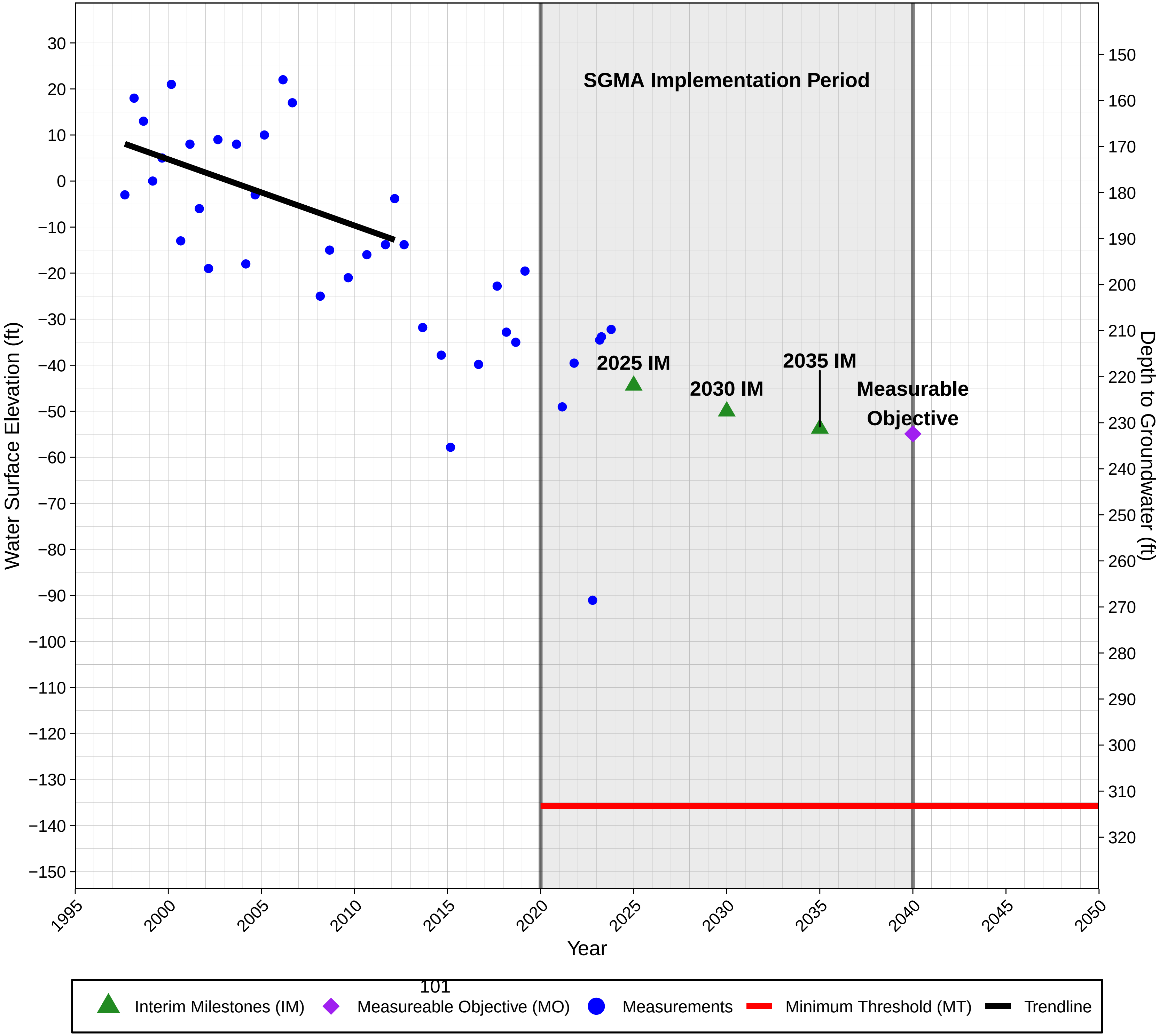


A24
GSE: 172.9
McMullin Area GSA

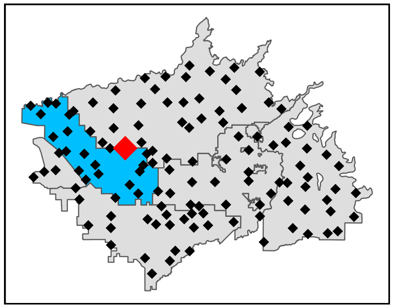


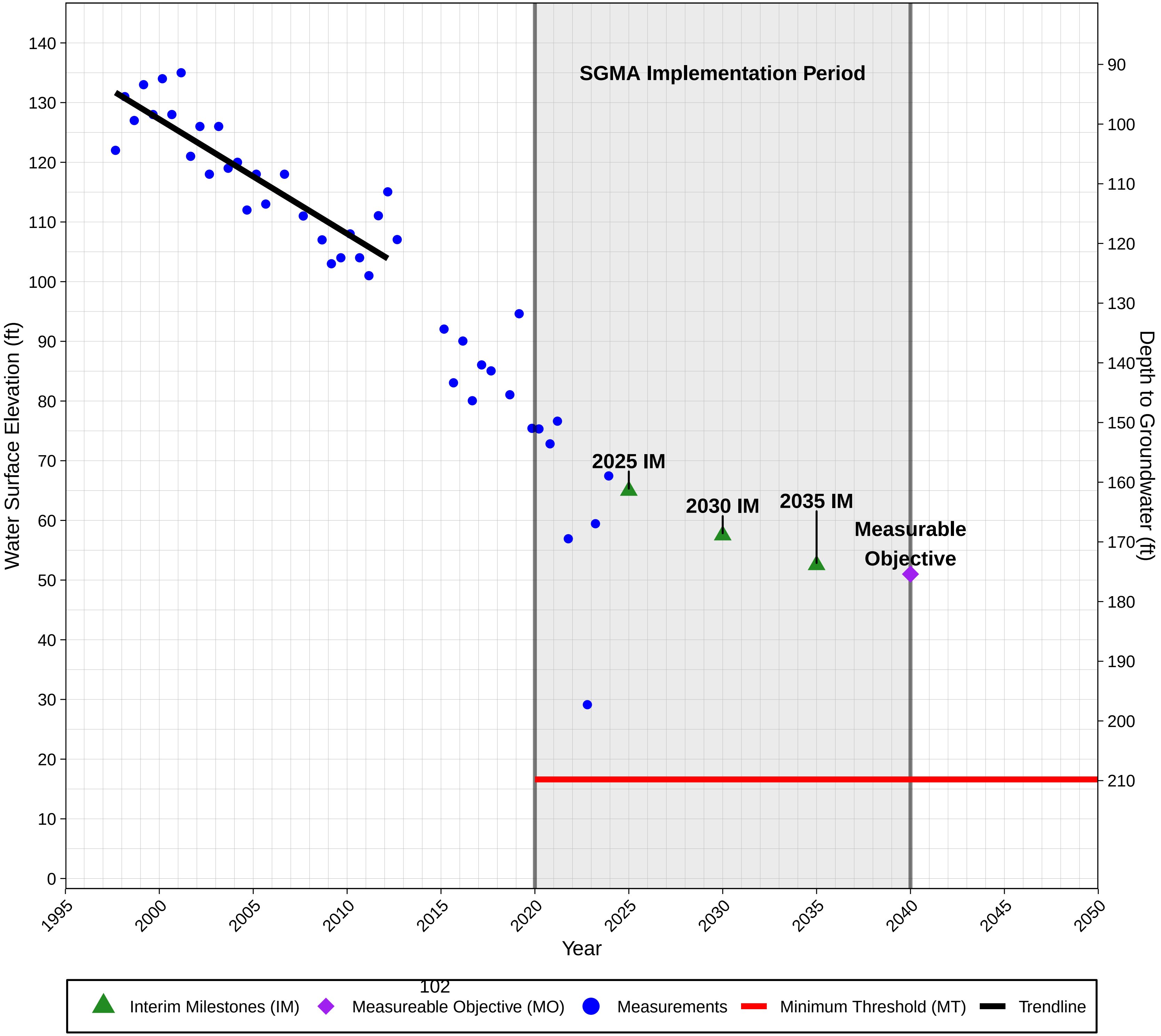
A30
GSE: 177.5
McMullin Area GSA



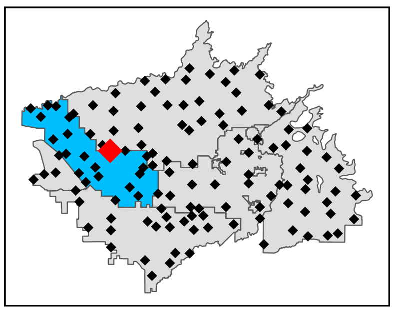


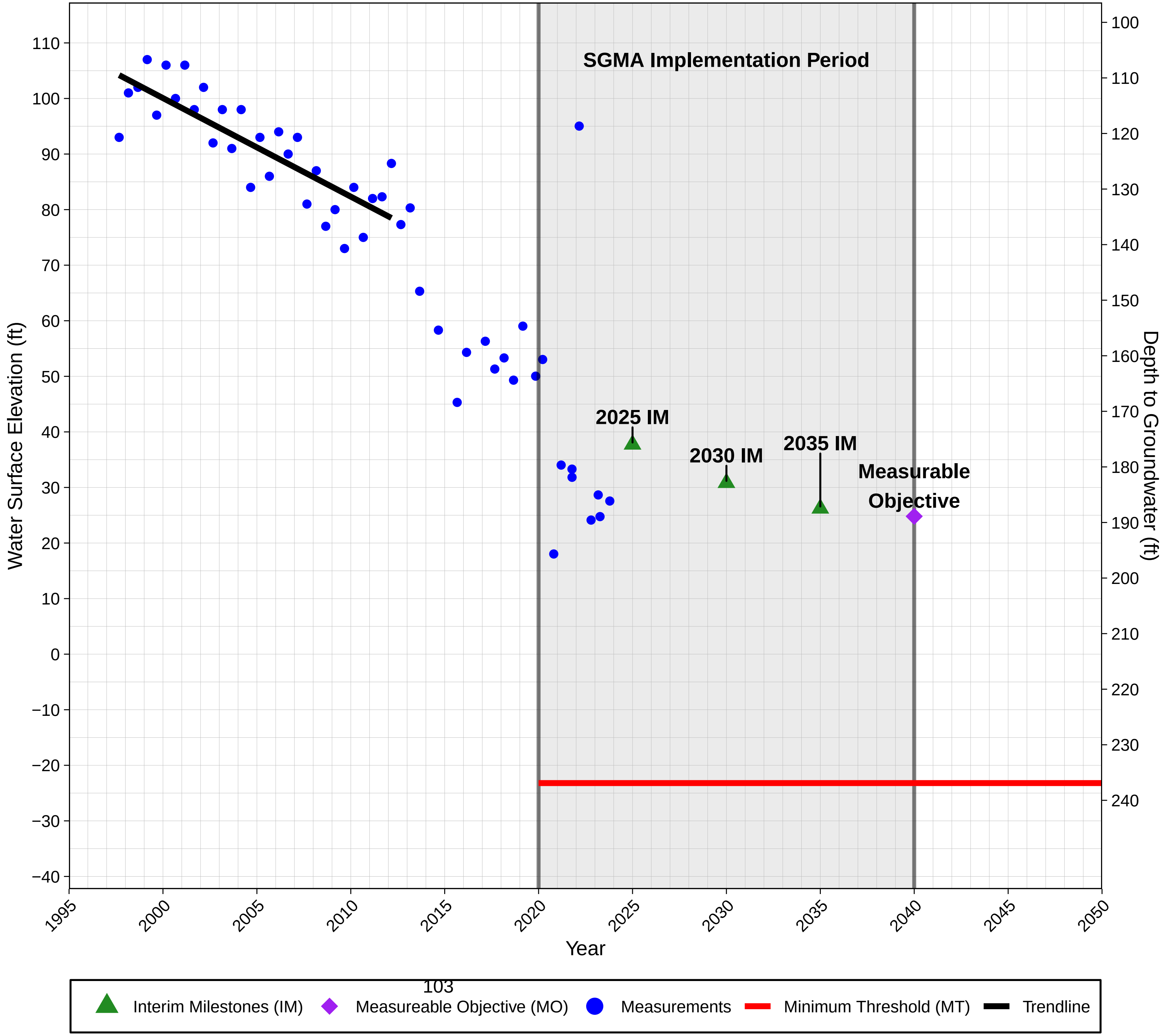
A32
GSE: 226.4
McMullin Area GSA

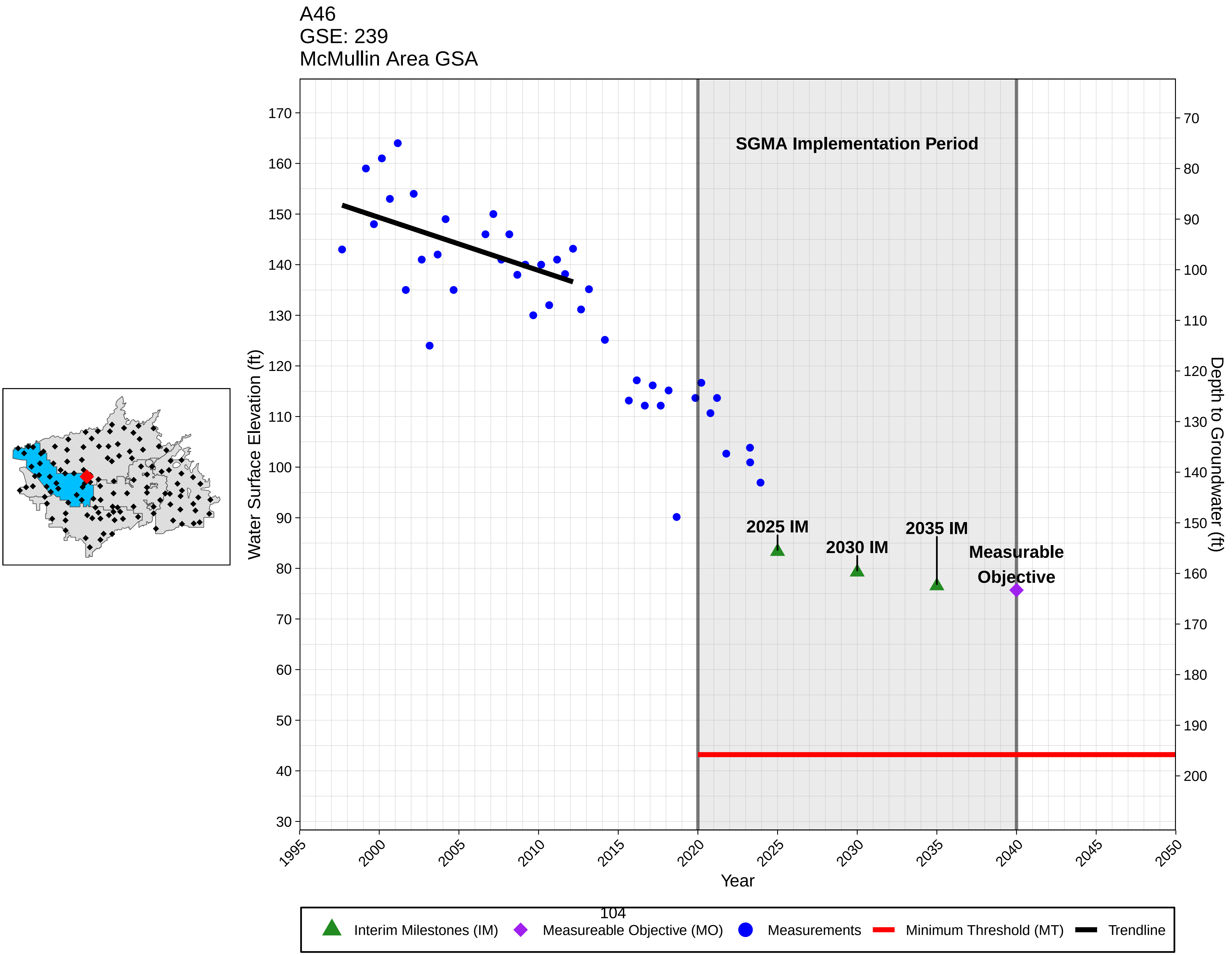




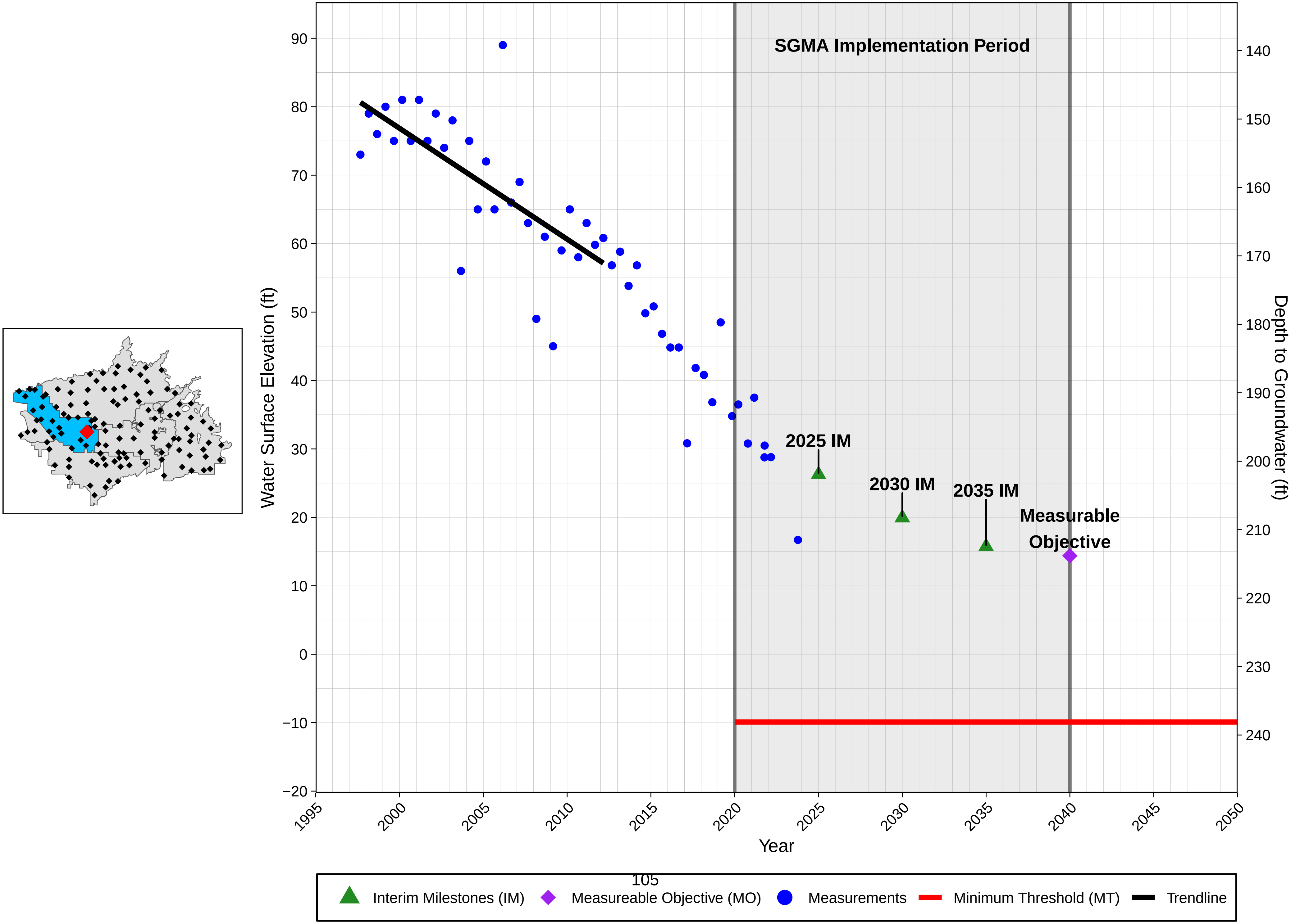
A34
GSE: 213.7
McMullin Area GSA



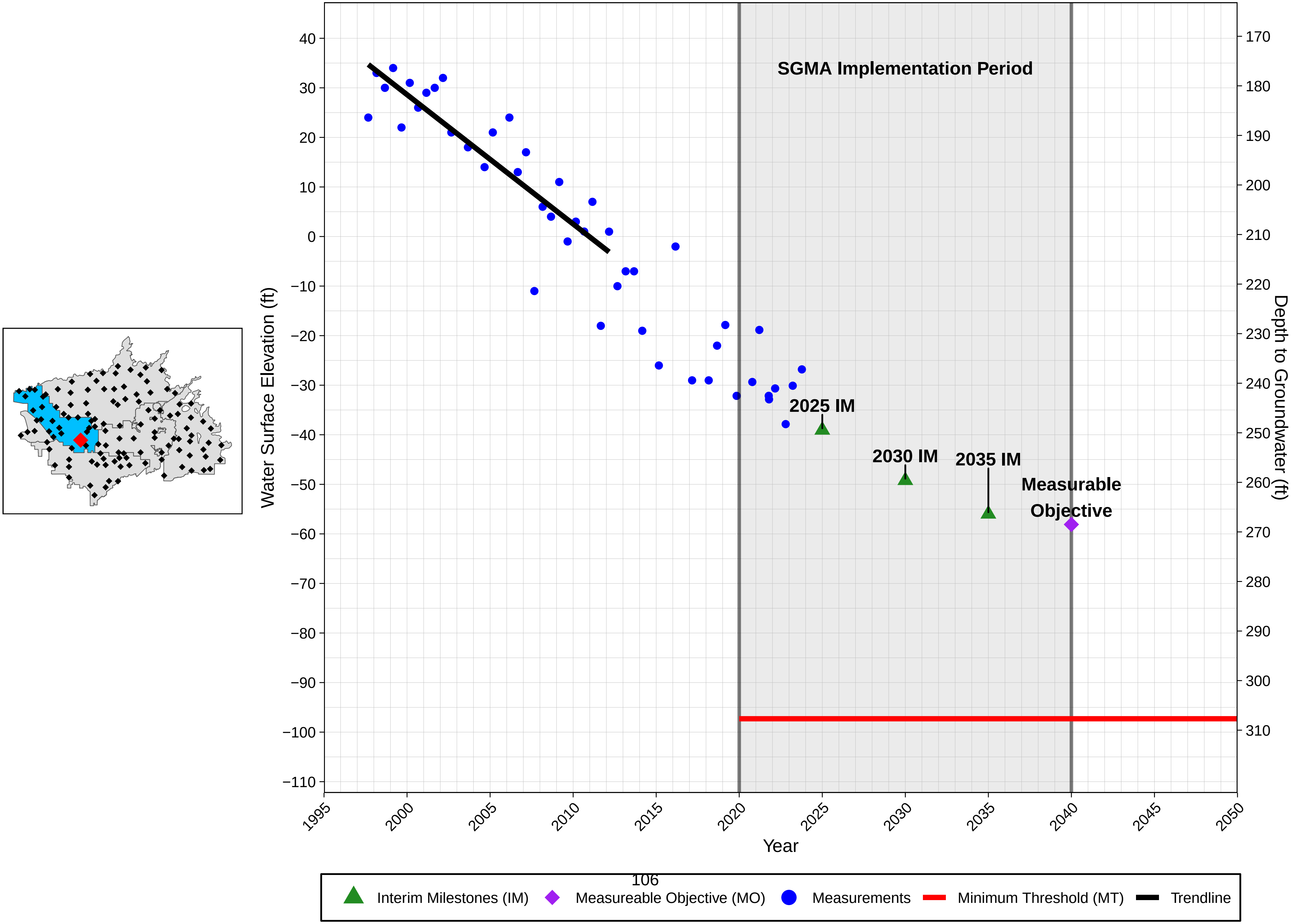



A46
GSE: 239
McMullin Area GSA
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

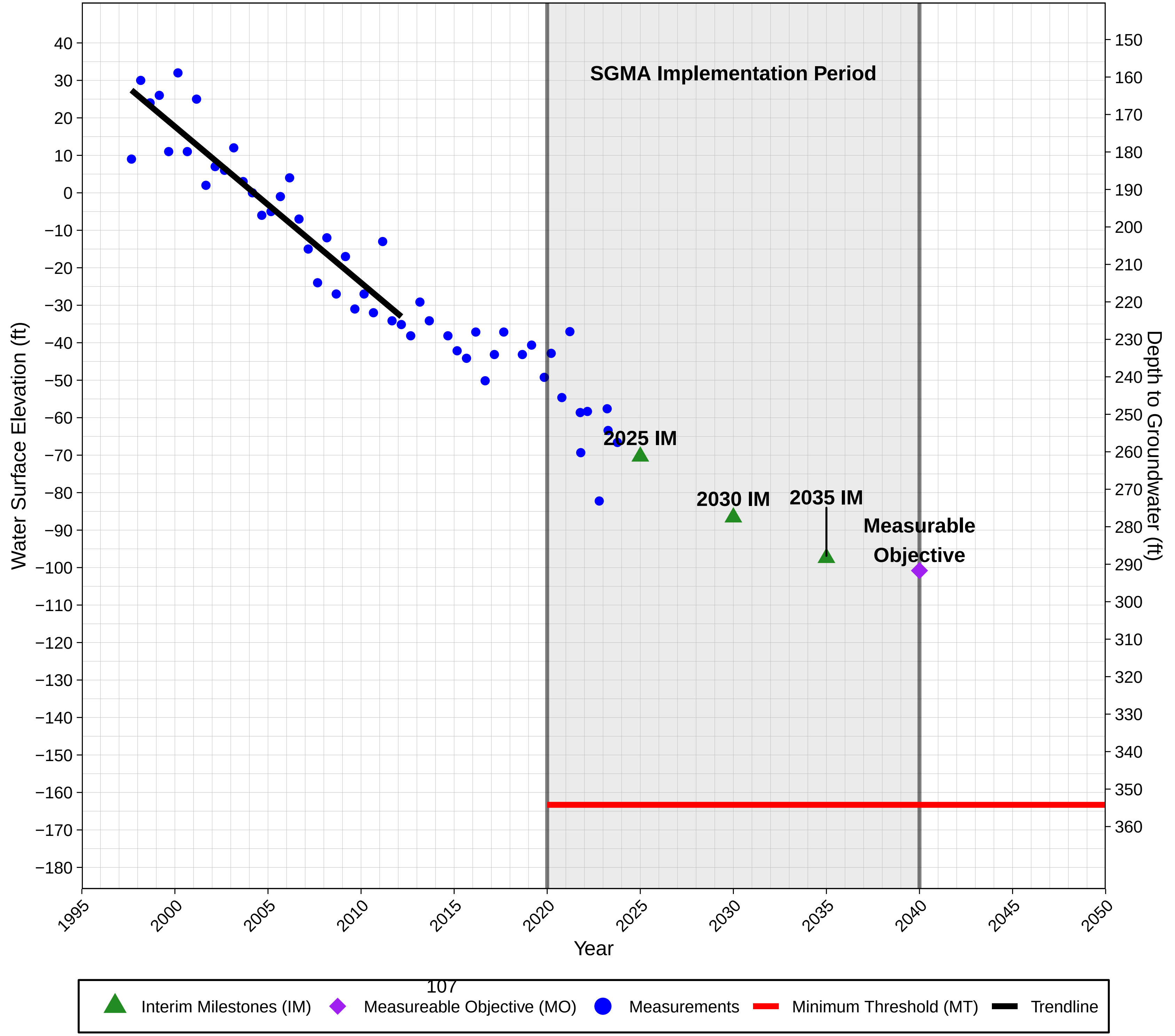
A51
GSE: 228.2
McMullin Area GSA

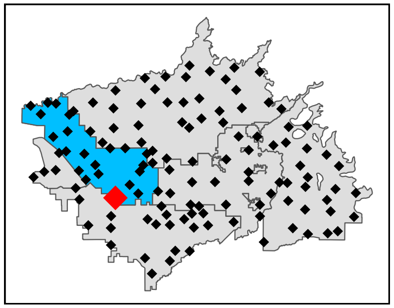


A53
GSE: 210.4
McMullin Area GSA

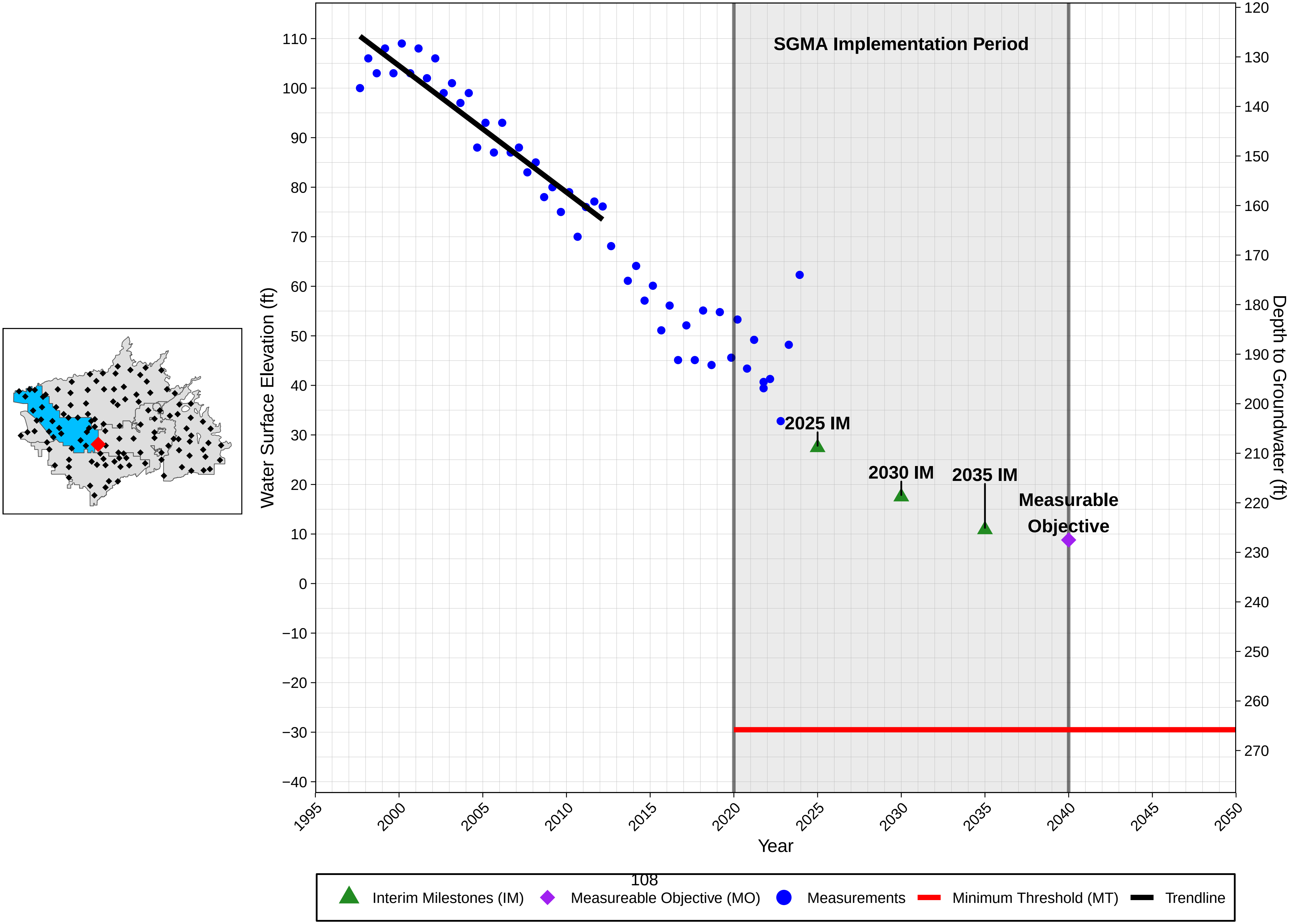


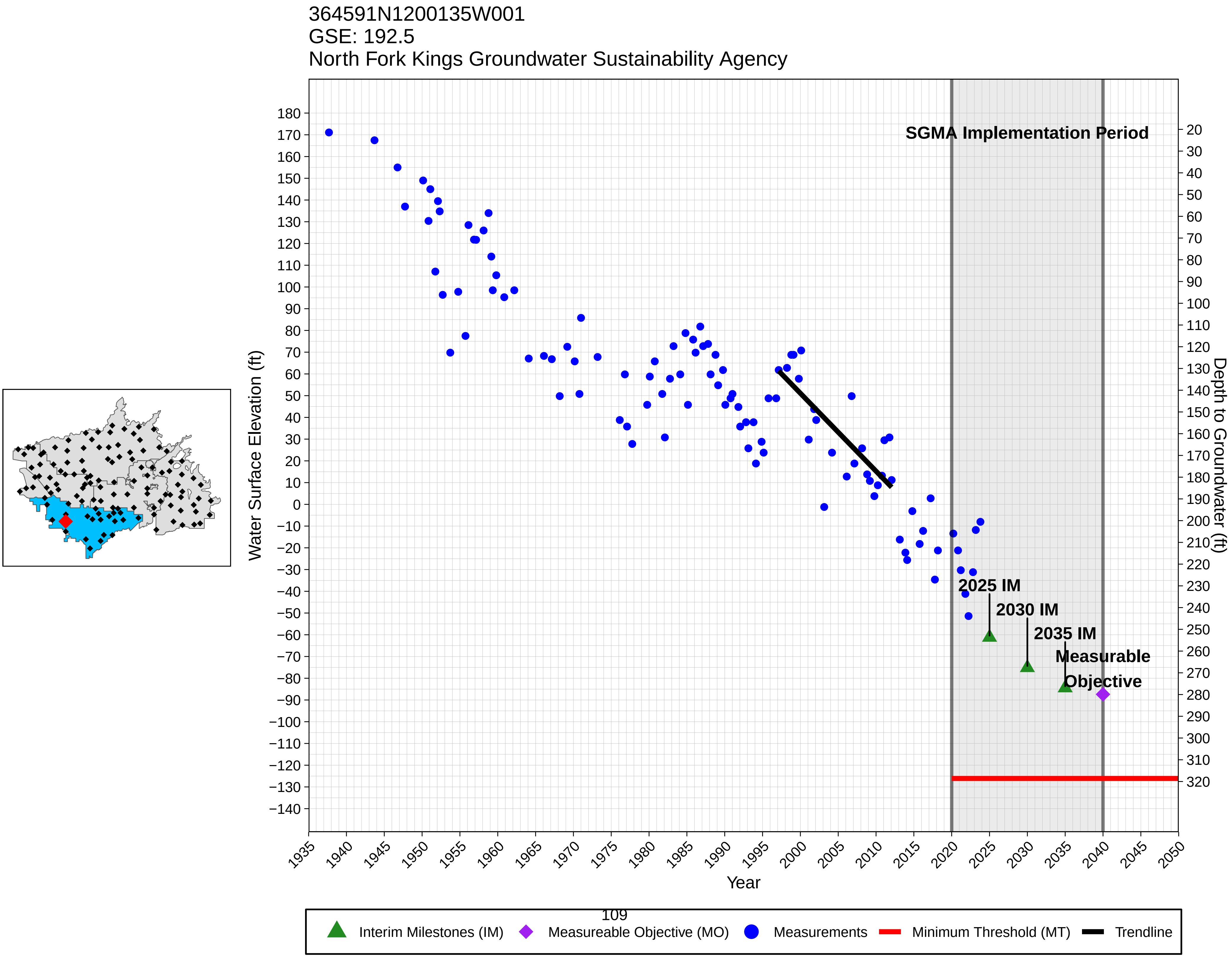
A58
GSE: 190.9
McMullin Area GSA

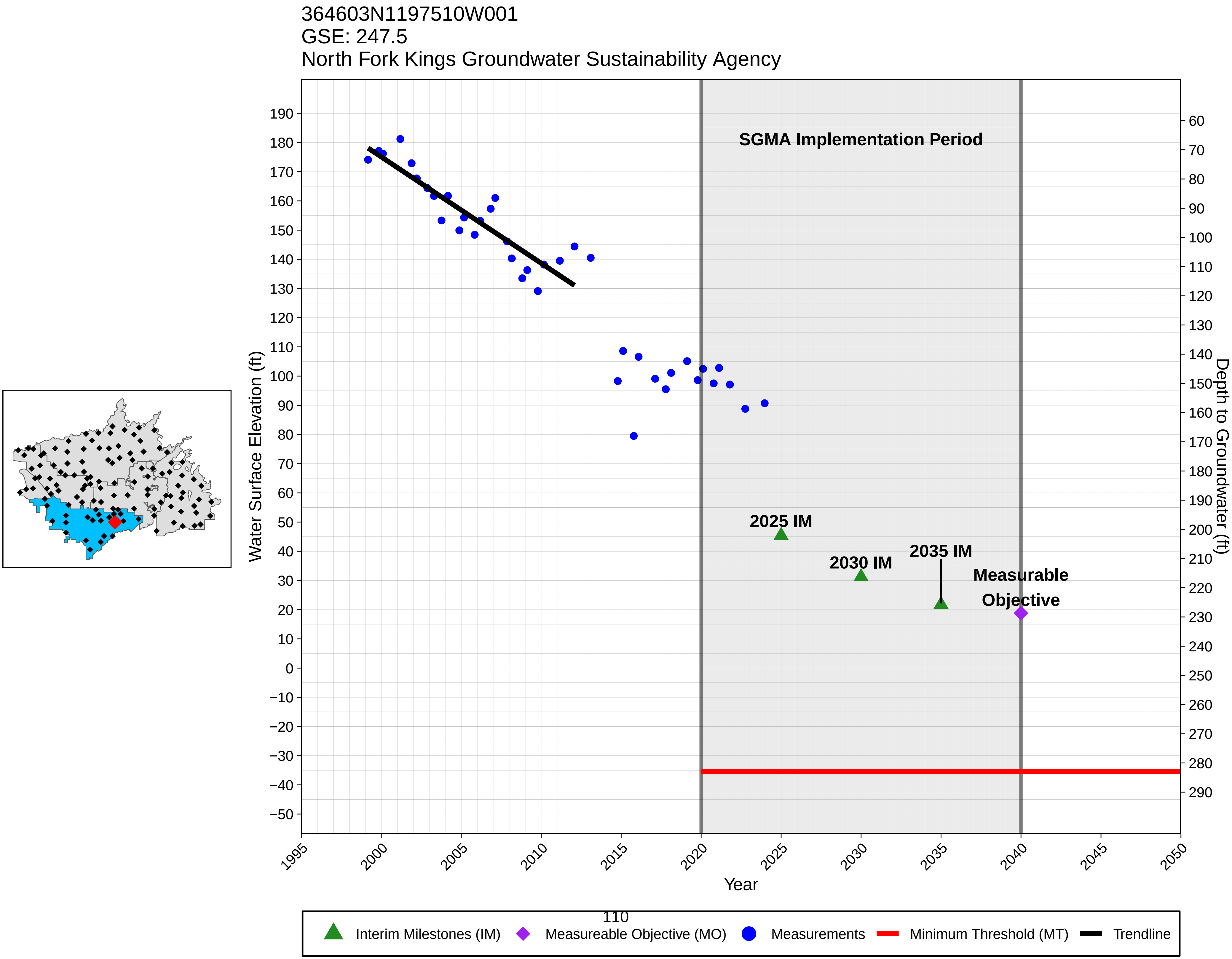




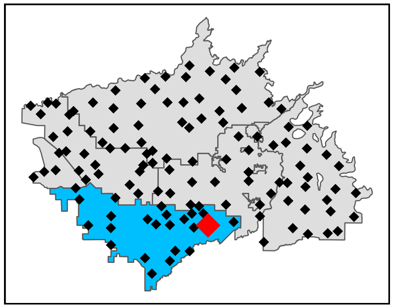
A62
GSE: 236.3
McMullin Area GSA

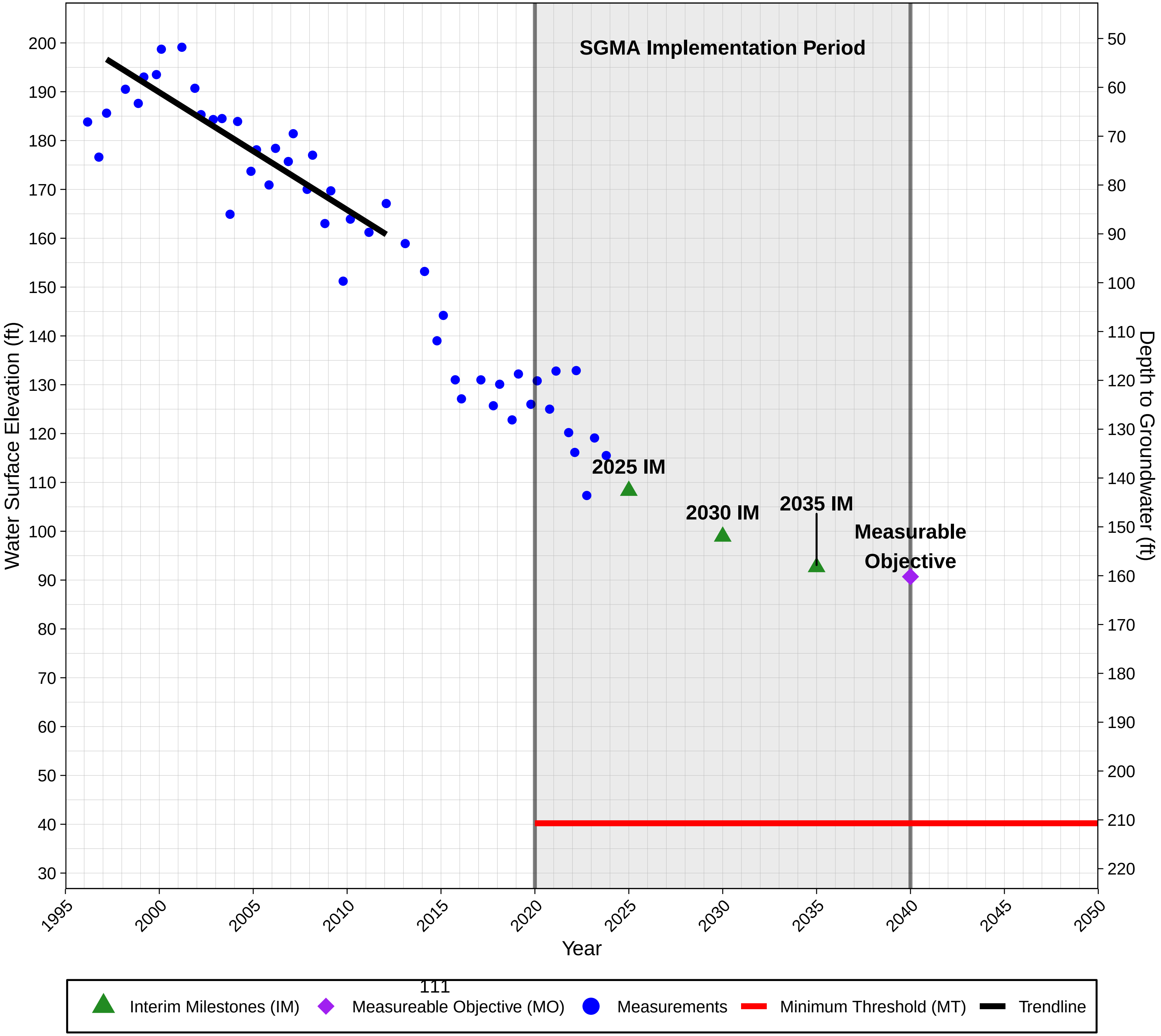



364591N1200135W001
GSE: 192.5
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

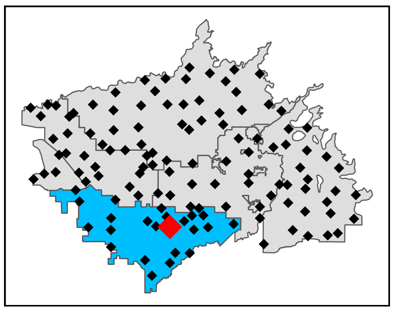

364603N1197510W001
GSE: 247.5
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

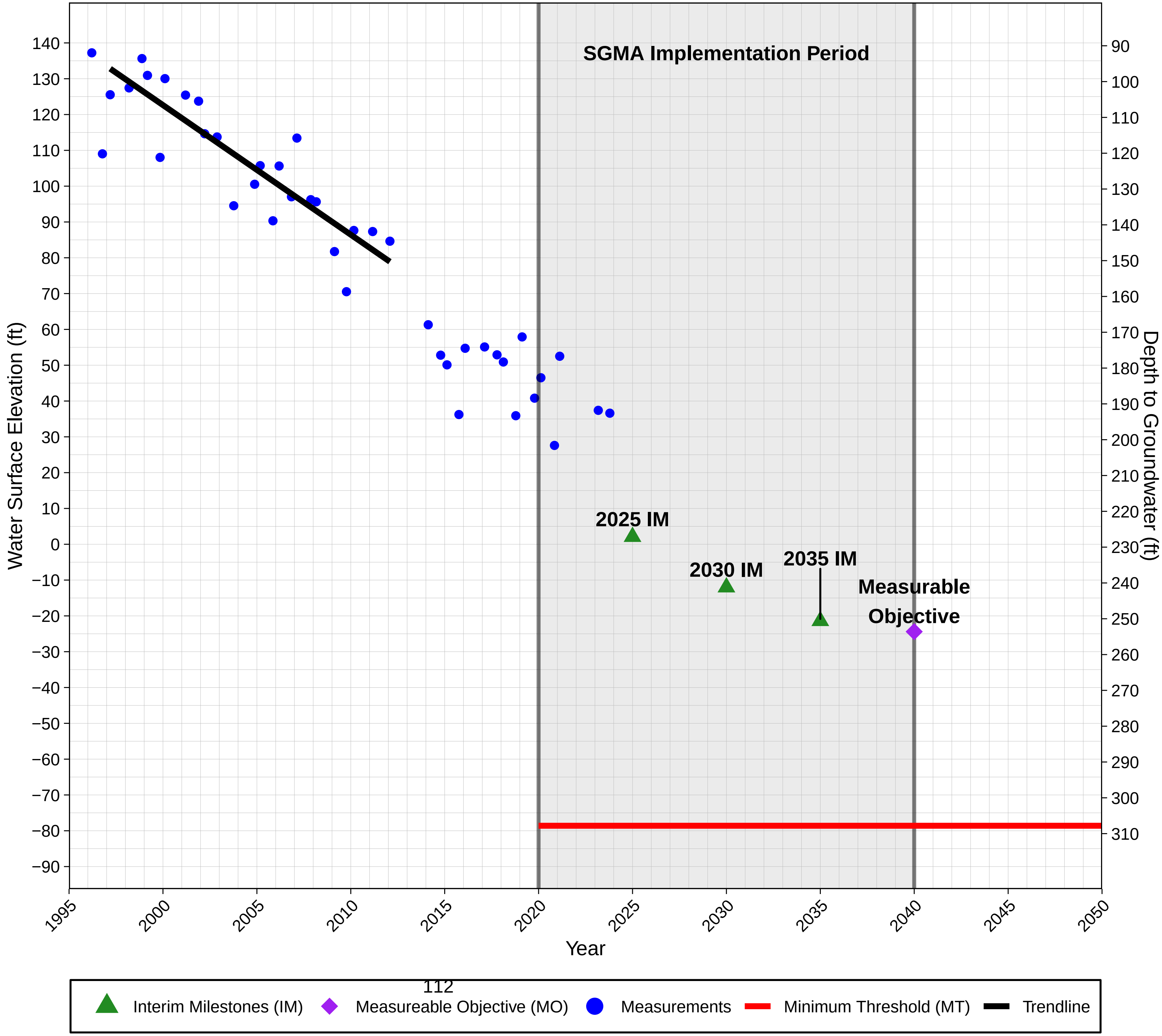
364667N1197041W001
GSE: 250.9
North Fork Kings Groundwater Sustainability Agency



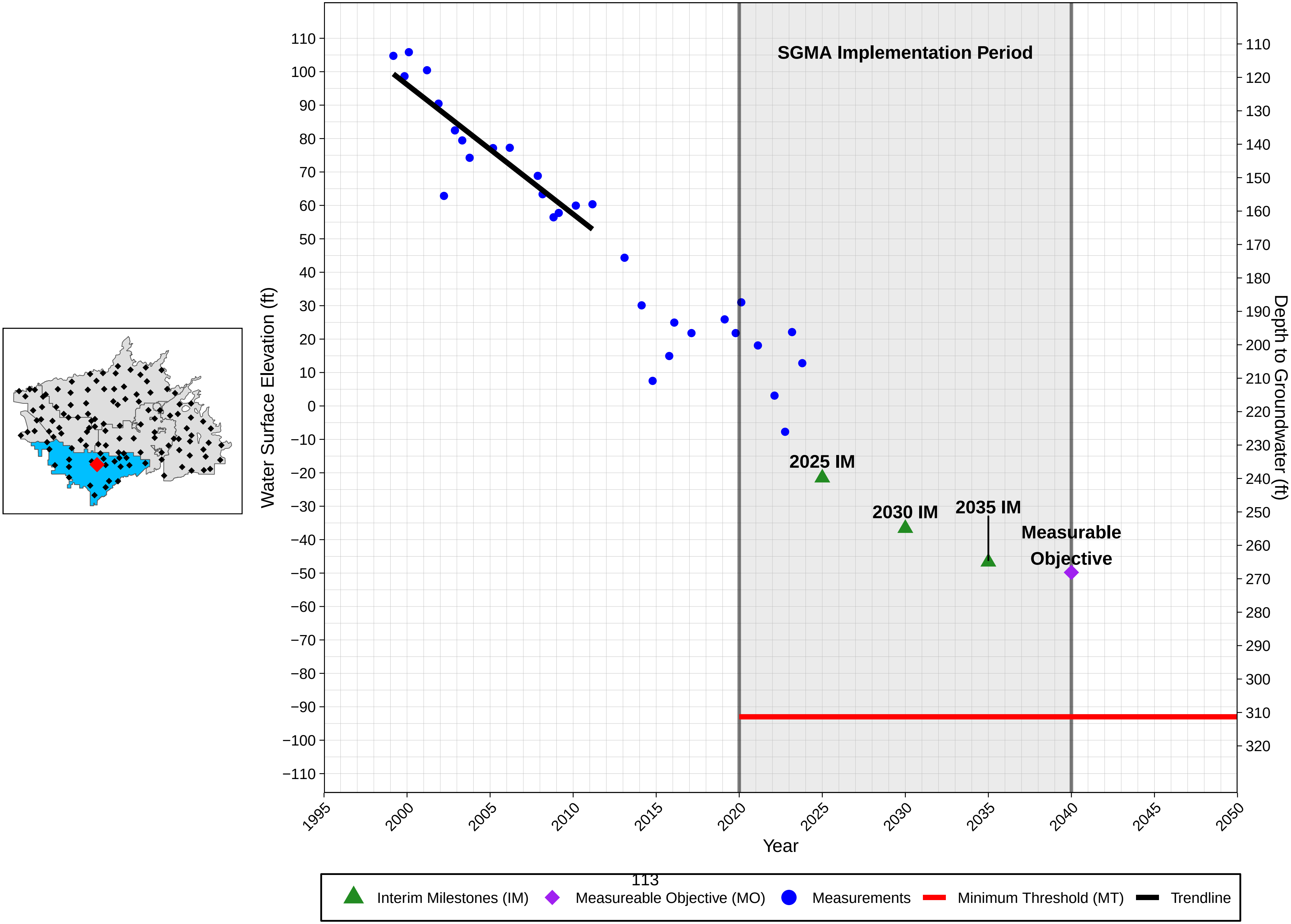


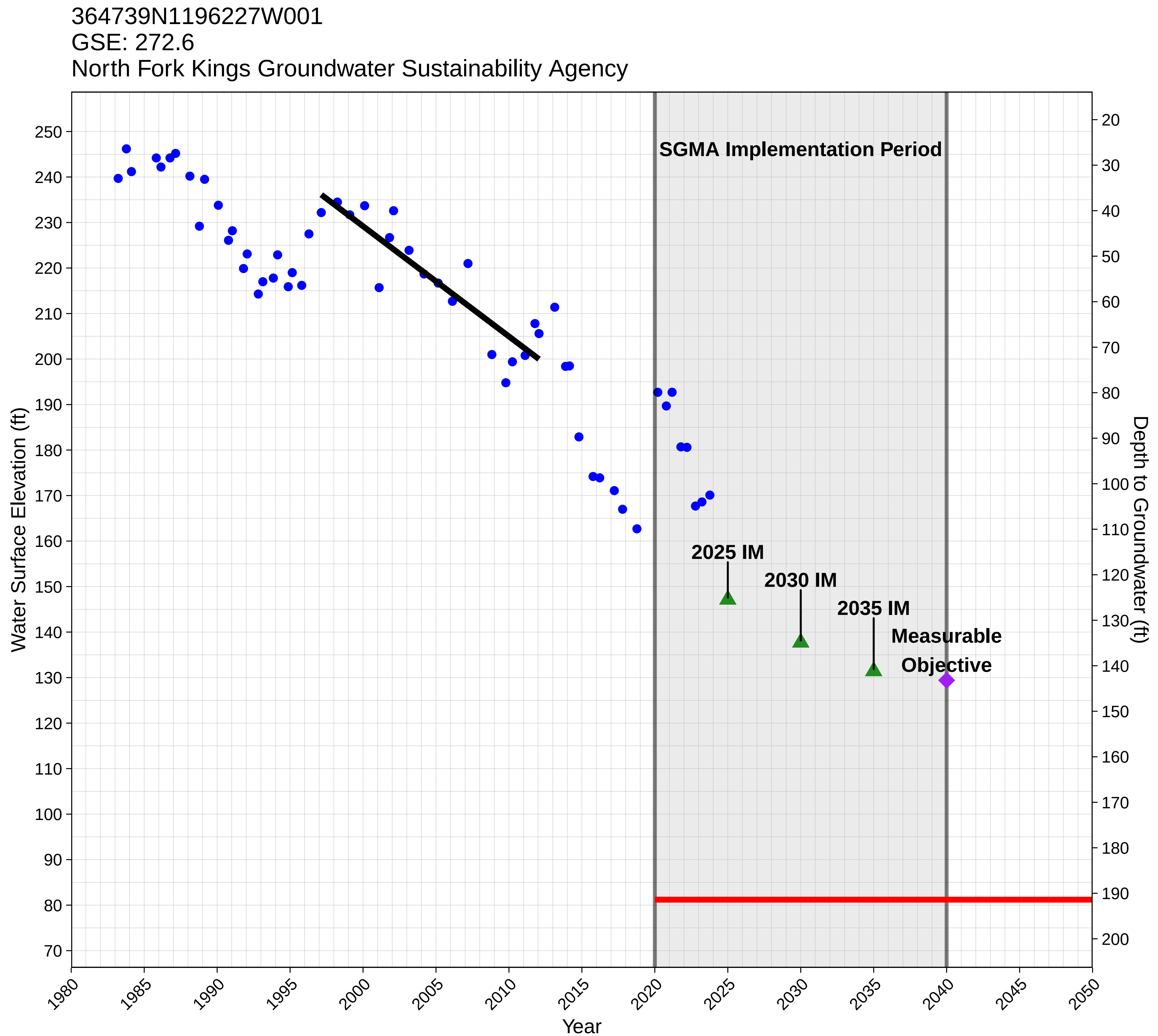
364668N1198257W001
GSE: 229.2
North Fork Kings Groundwater Sustainability Agency

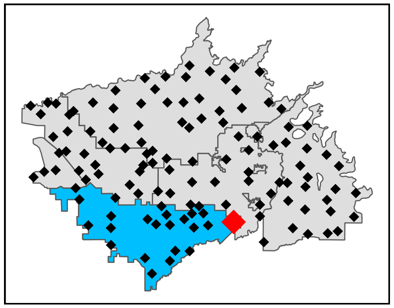


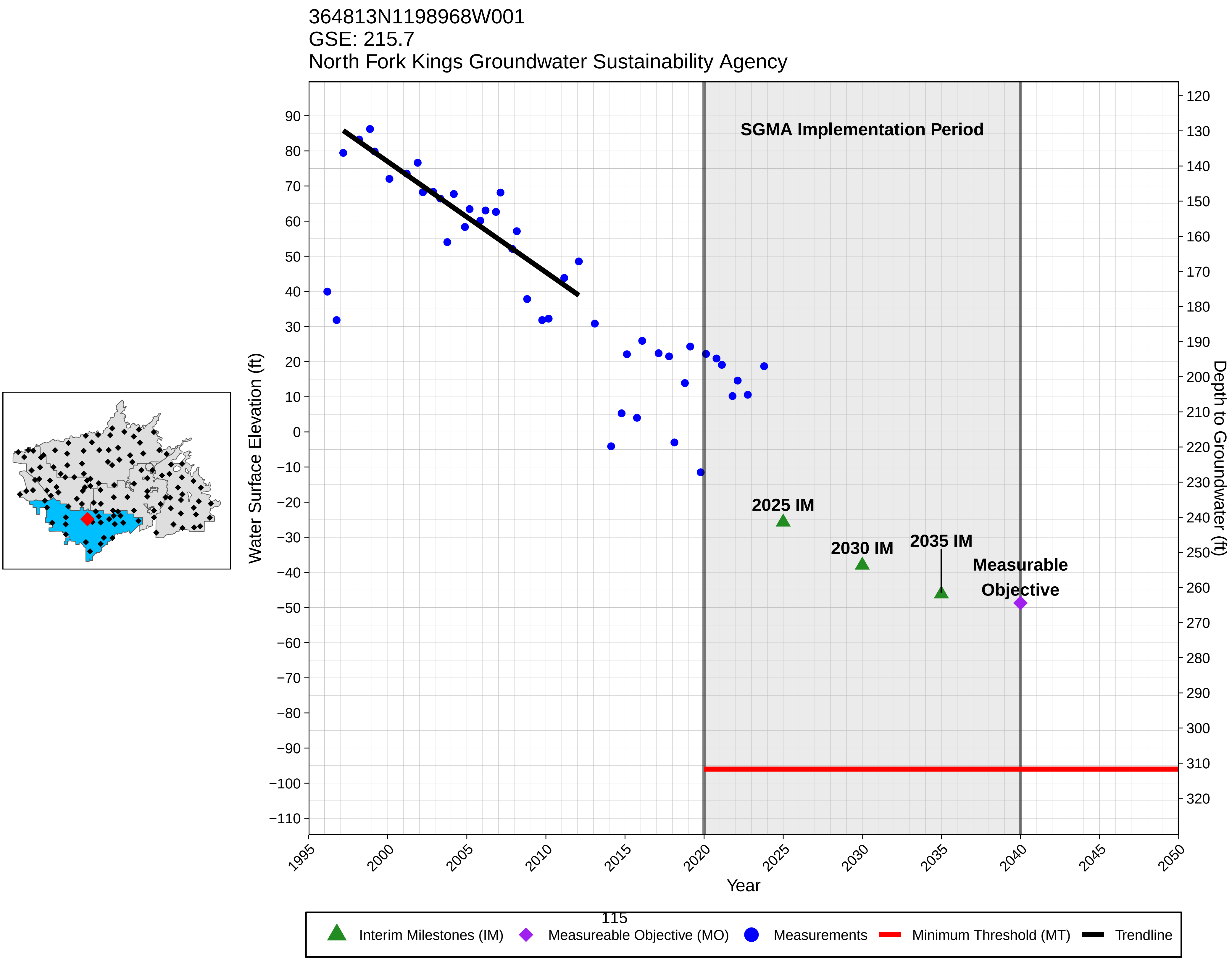


364682N1198732W001
GSE: 218.3
North Fork Kings Groundwater Sustainability Agency

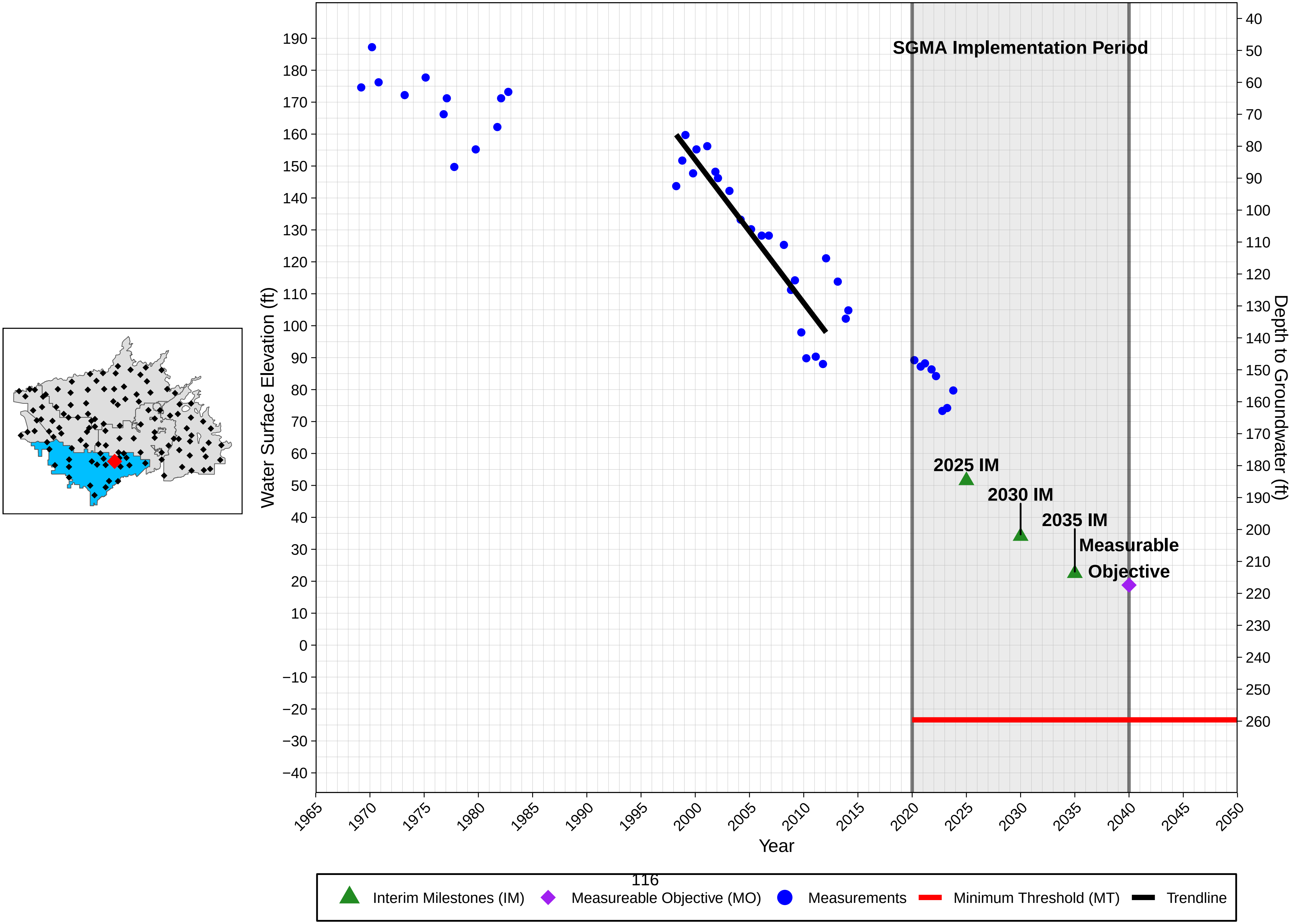



364739N1196227W001
GSE: 272.6
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

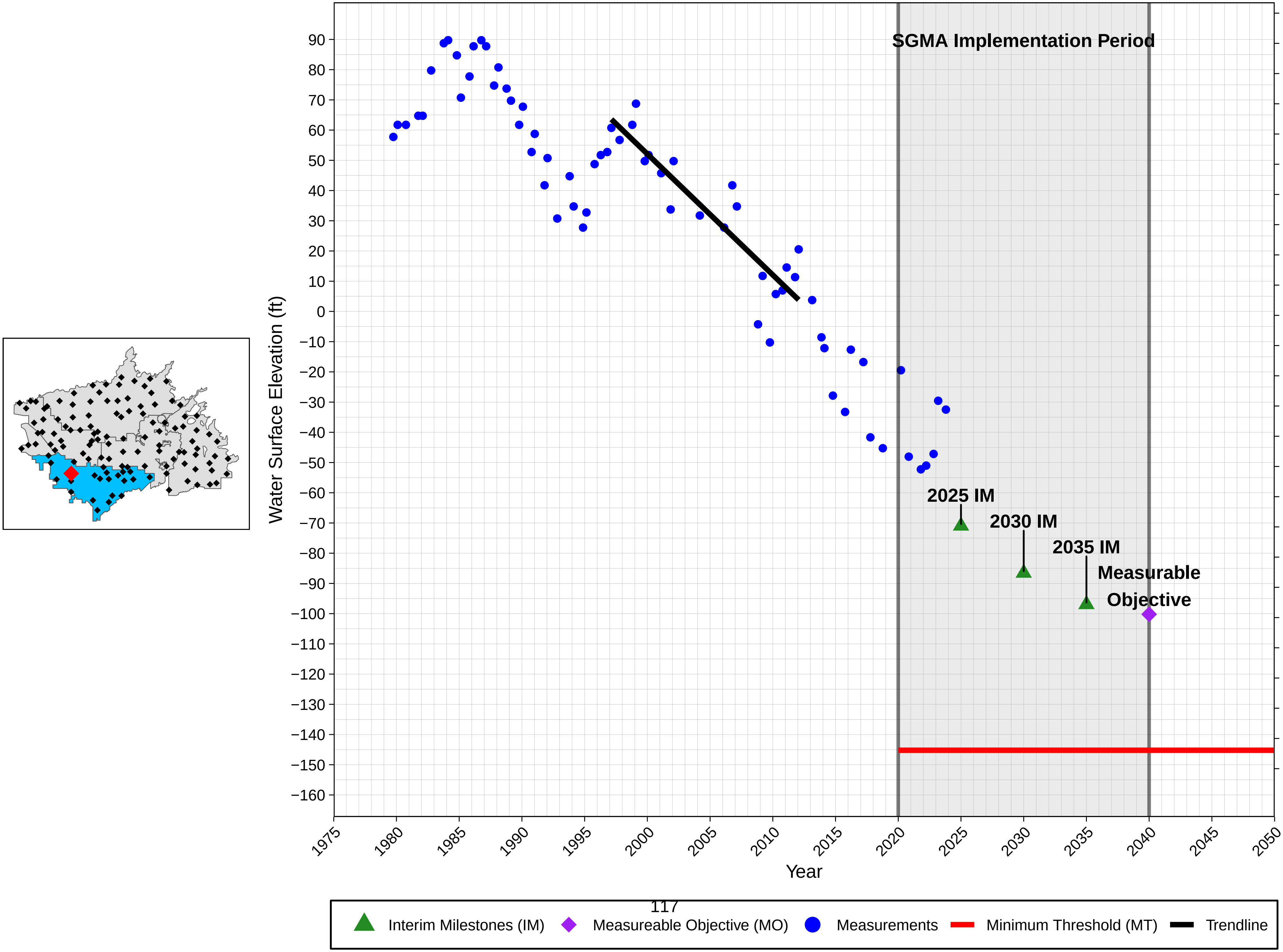



364813N1198968W001
GSE: 215.7
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

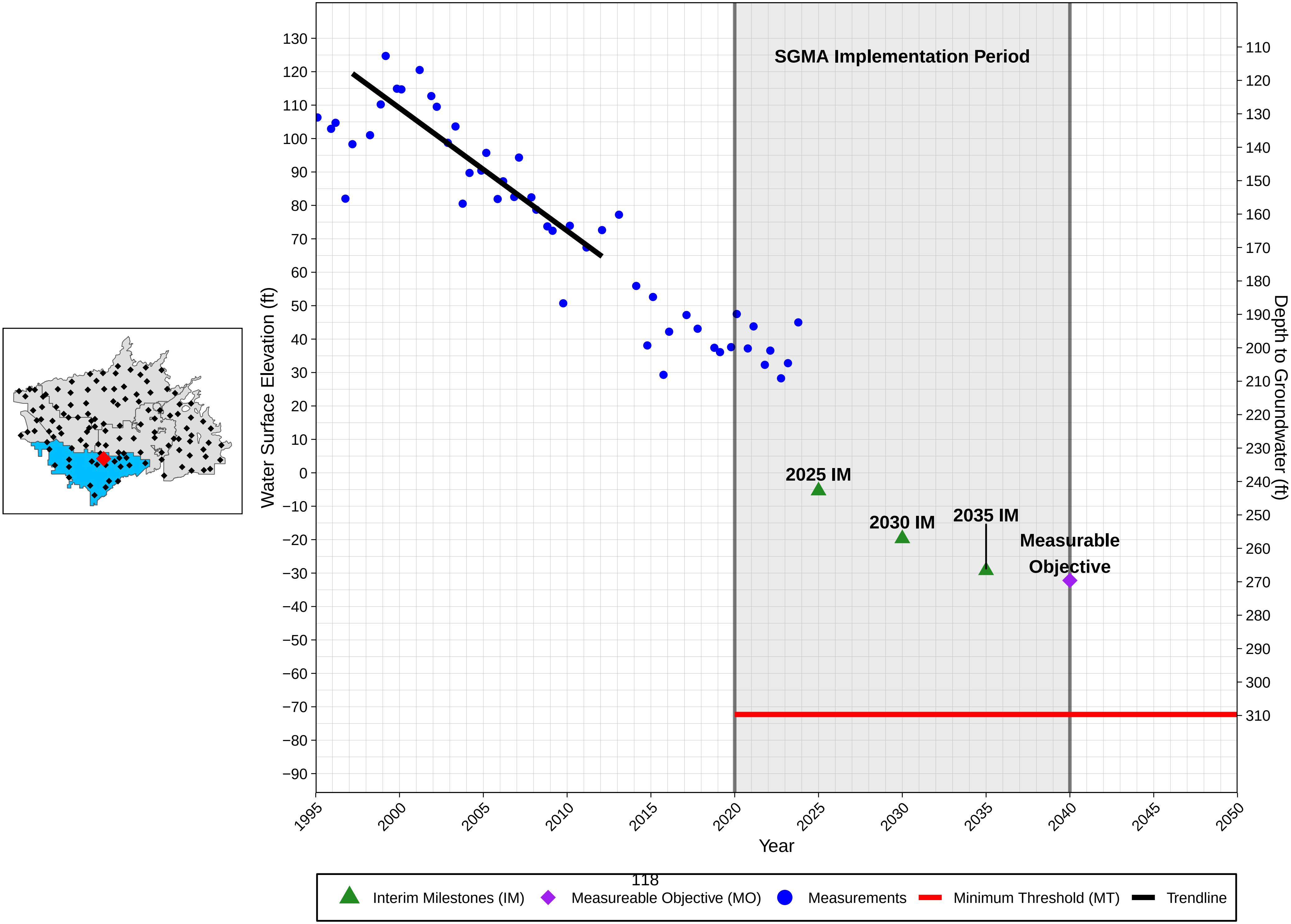
364816N1197785W001
GSE: 236.2
North Fork Kings Groundwater Sustainability Agency

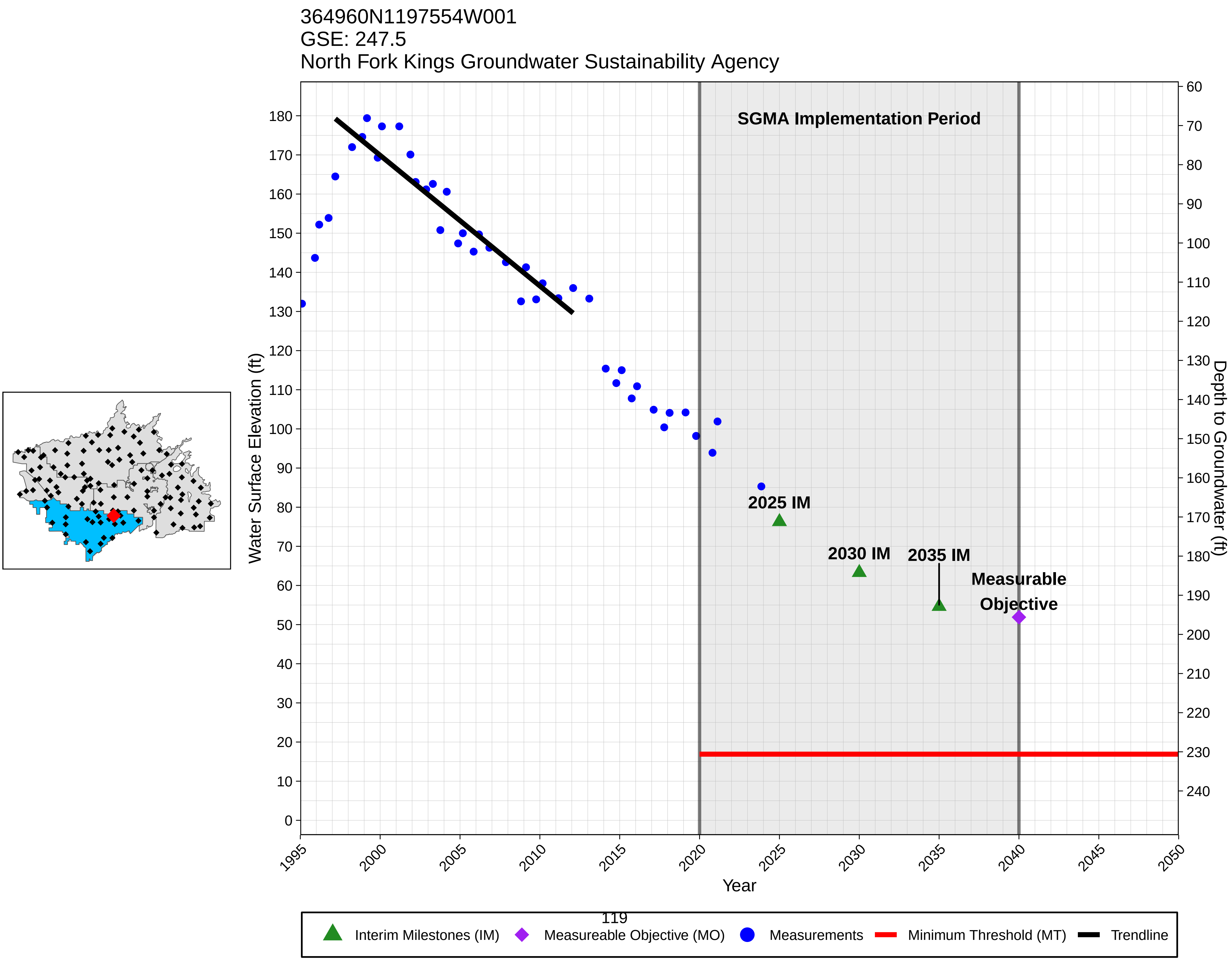


364893N1200127W001
GSE: 198.7
North Fork Kings Groundwater Sustainability Agency

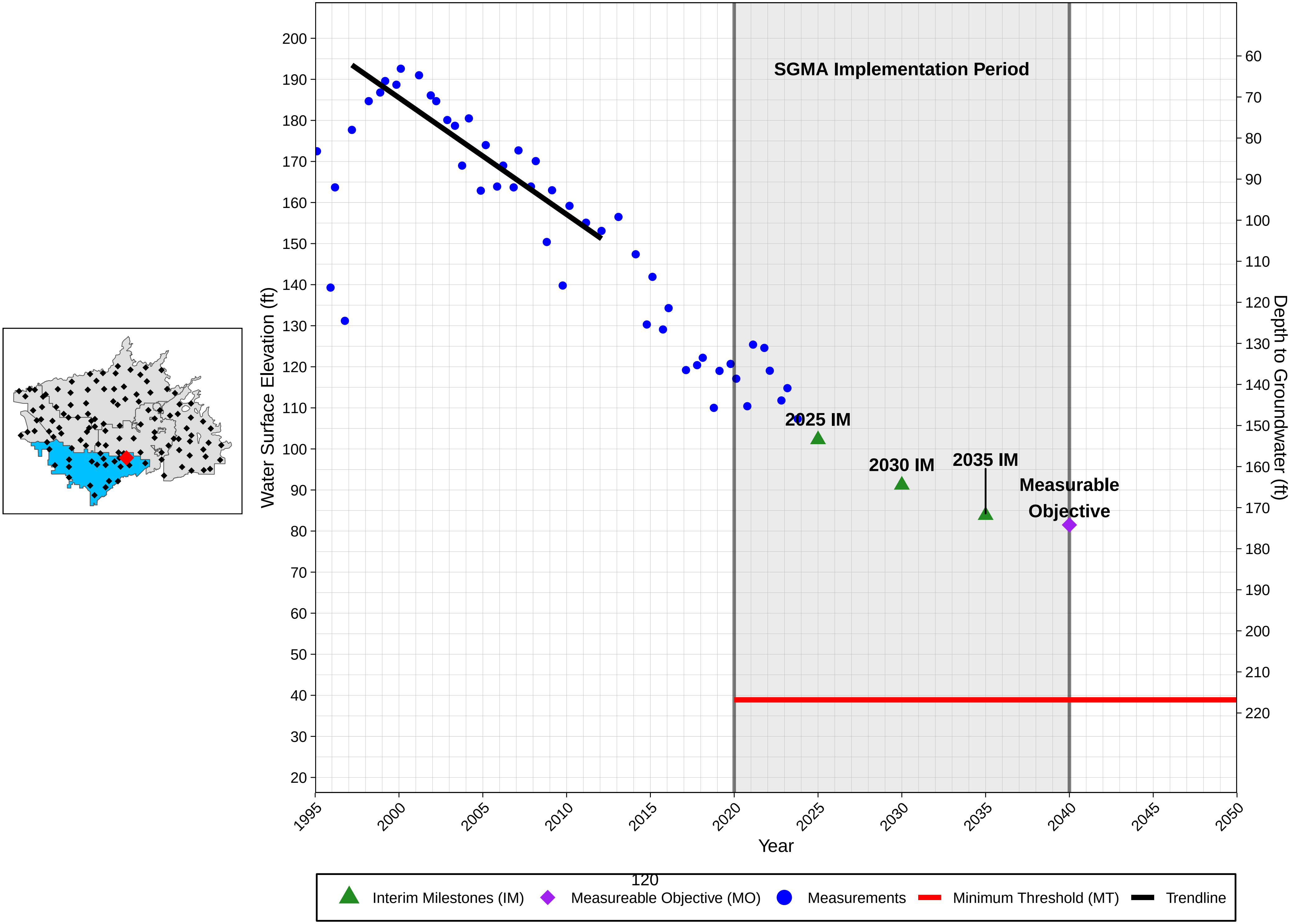


364916N1198366W001
GSE: 237.4
North Fork Kings Groundwater Sustainability Agency

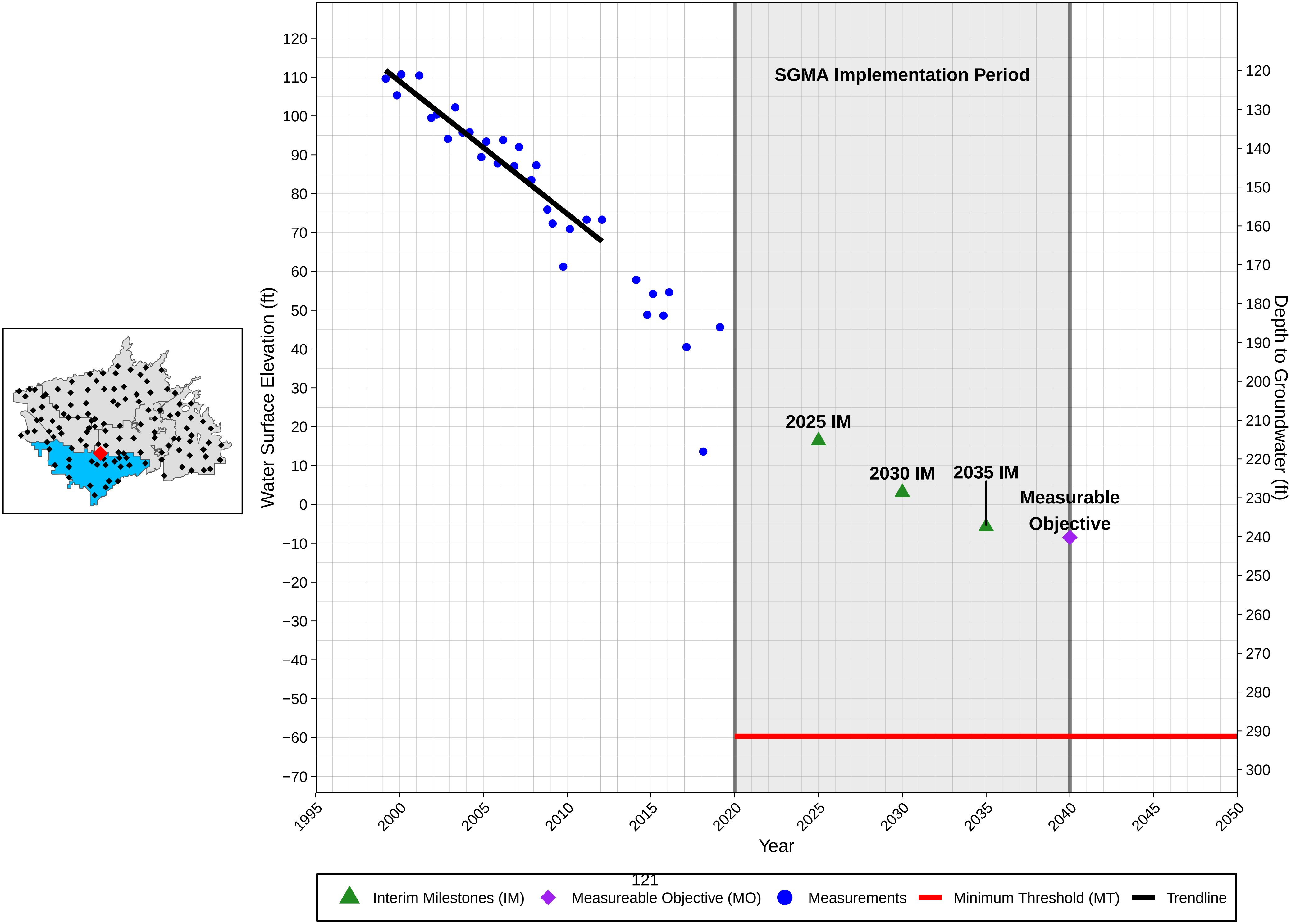



364960N1197554W001
GSE: 247.5
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

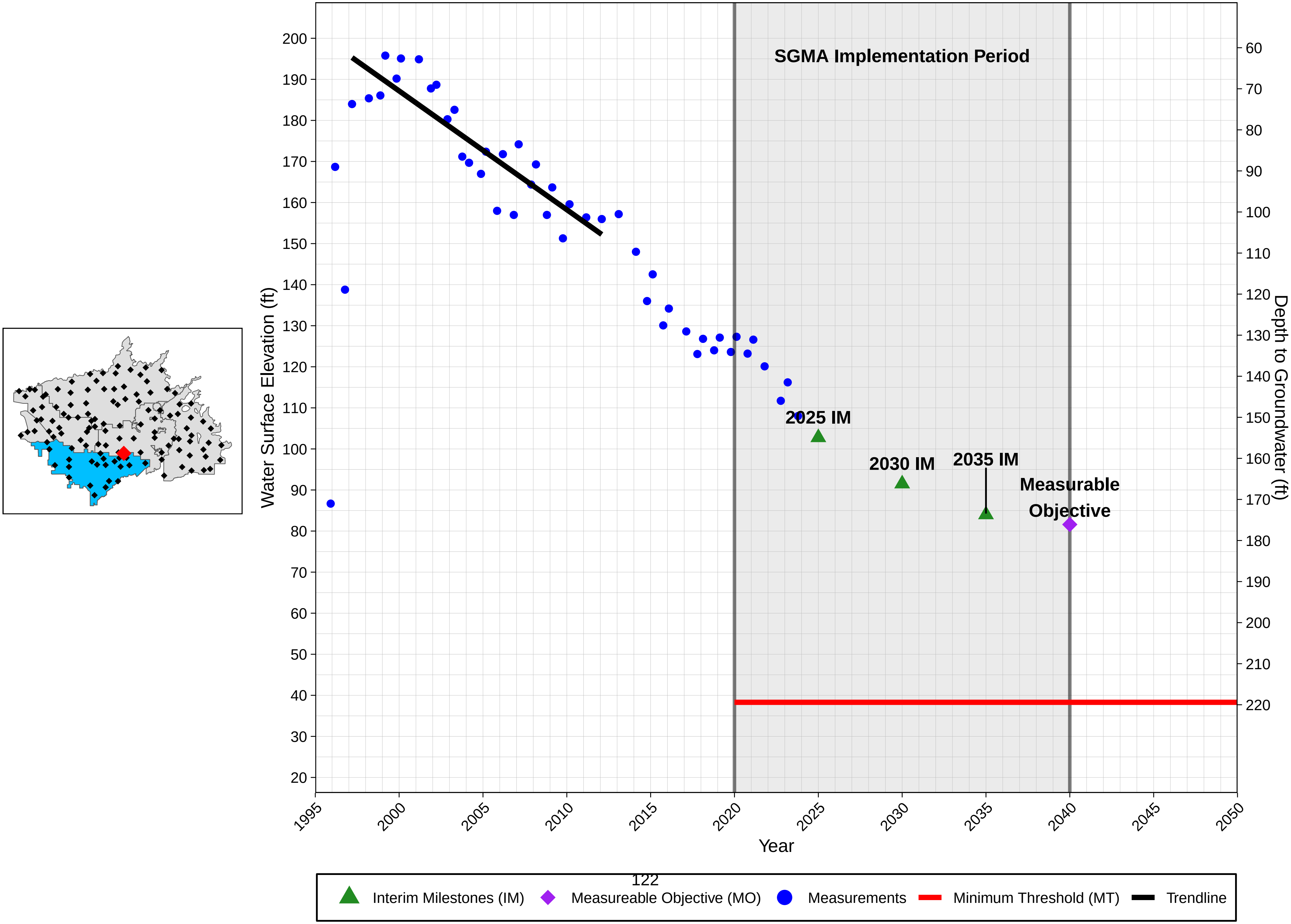
364967N1197193W001
GSE: 255.7
North Fork Kings Groundwater Sustainability Agency



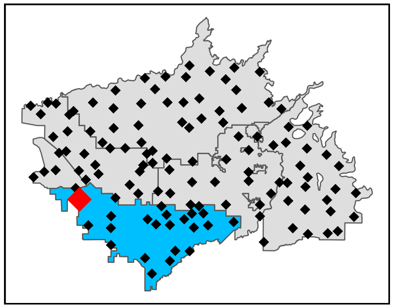
365143N1198529W001
GSE: 231.7
North Fork Kings Groundwater Sustainability Agency

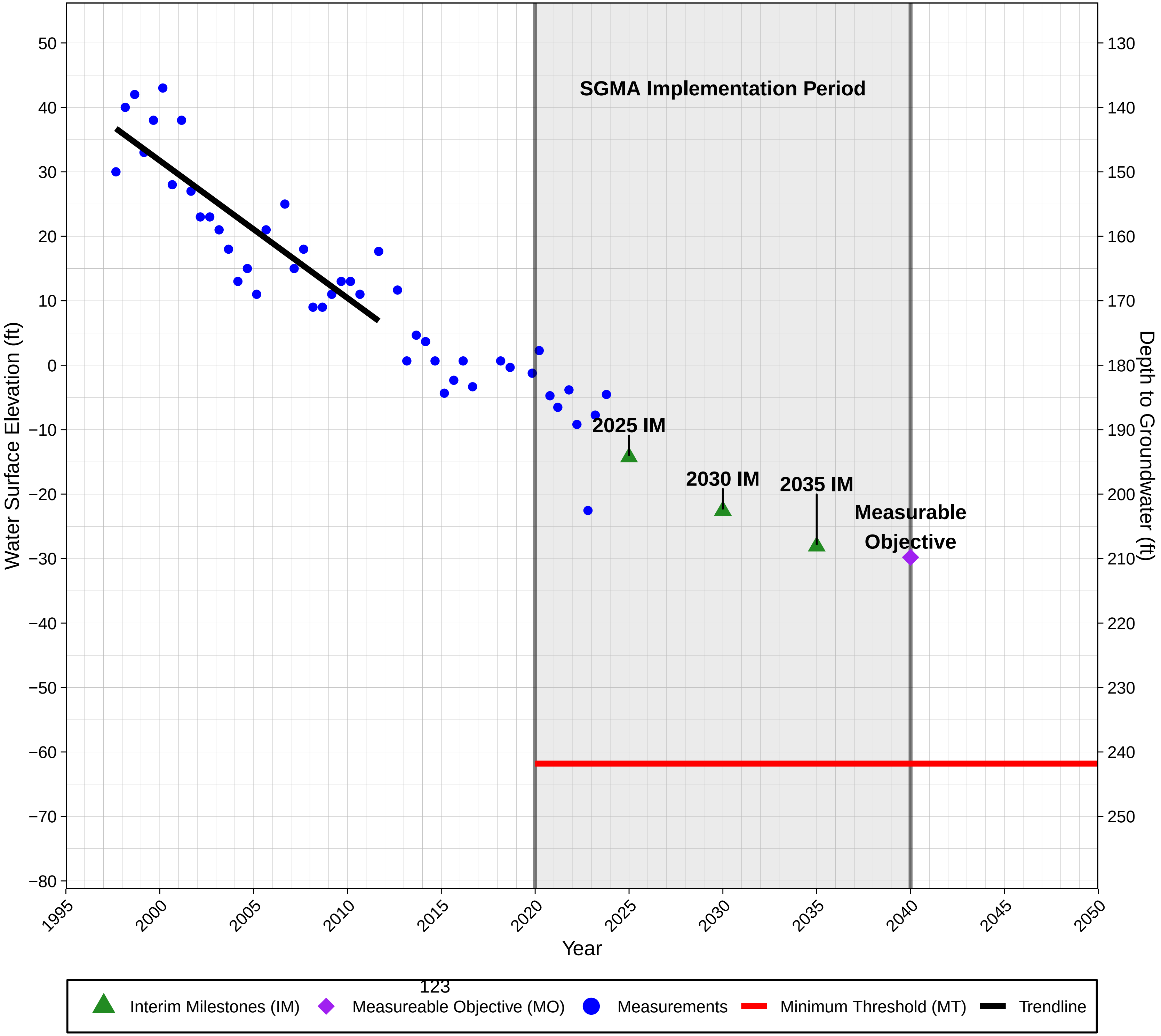


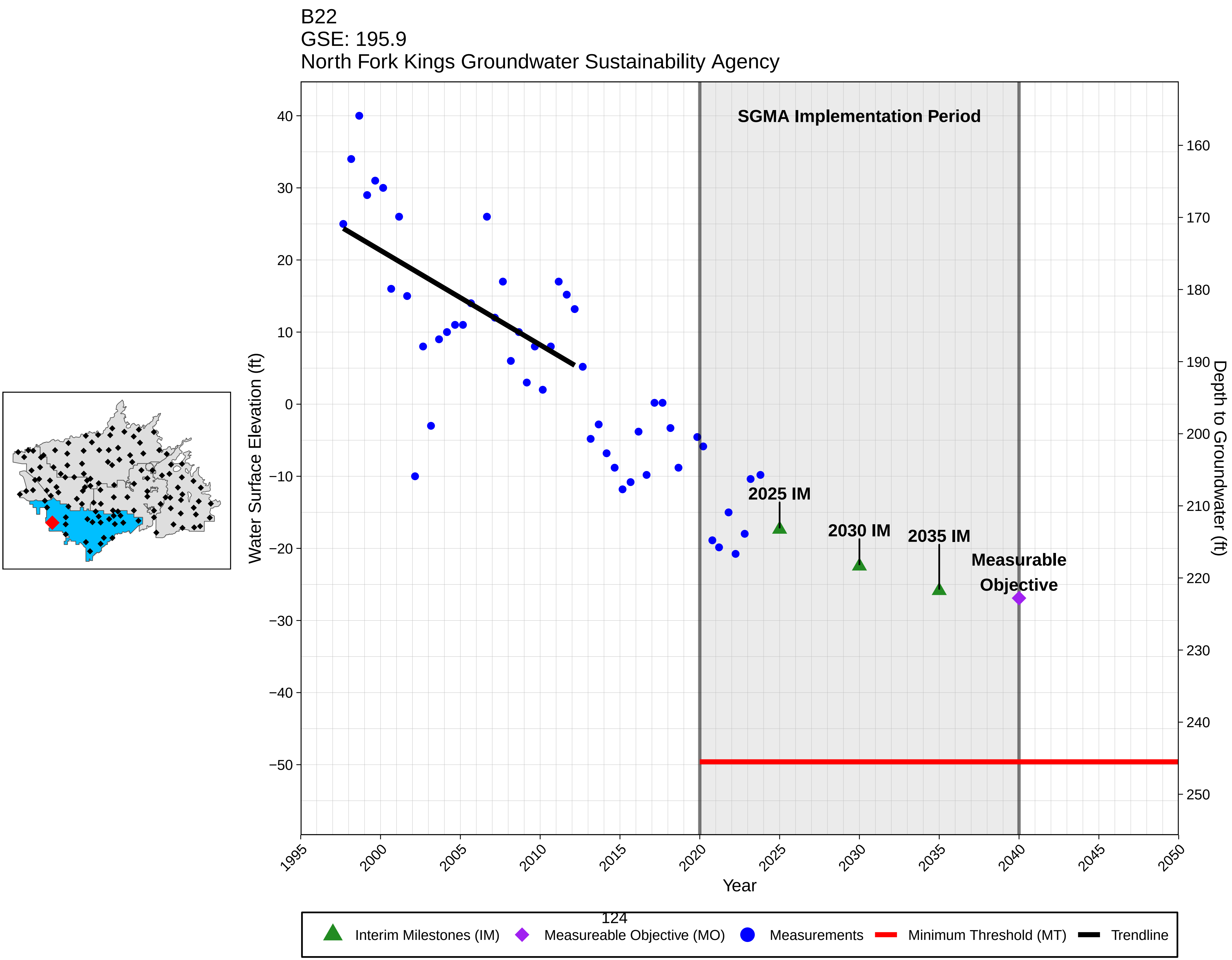
365150N1197327W001
GSE: 257.7
North Fork Kings Groundwater Sustainability Agency



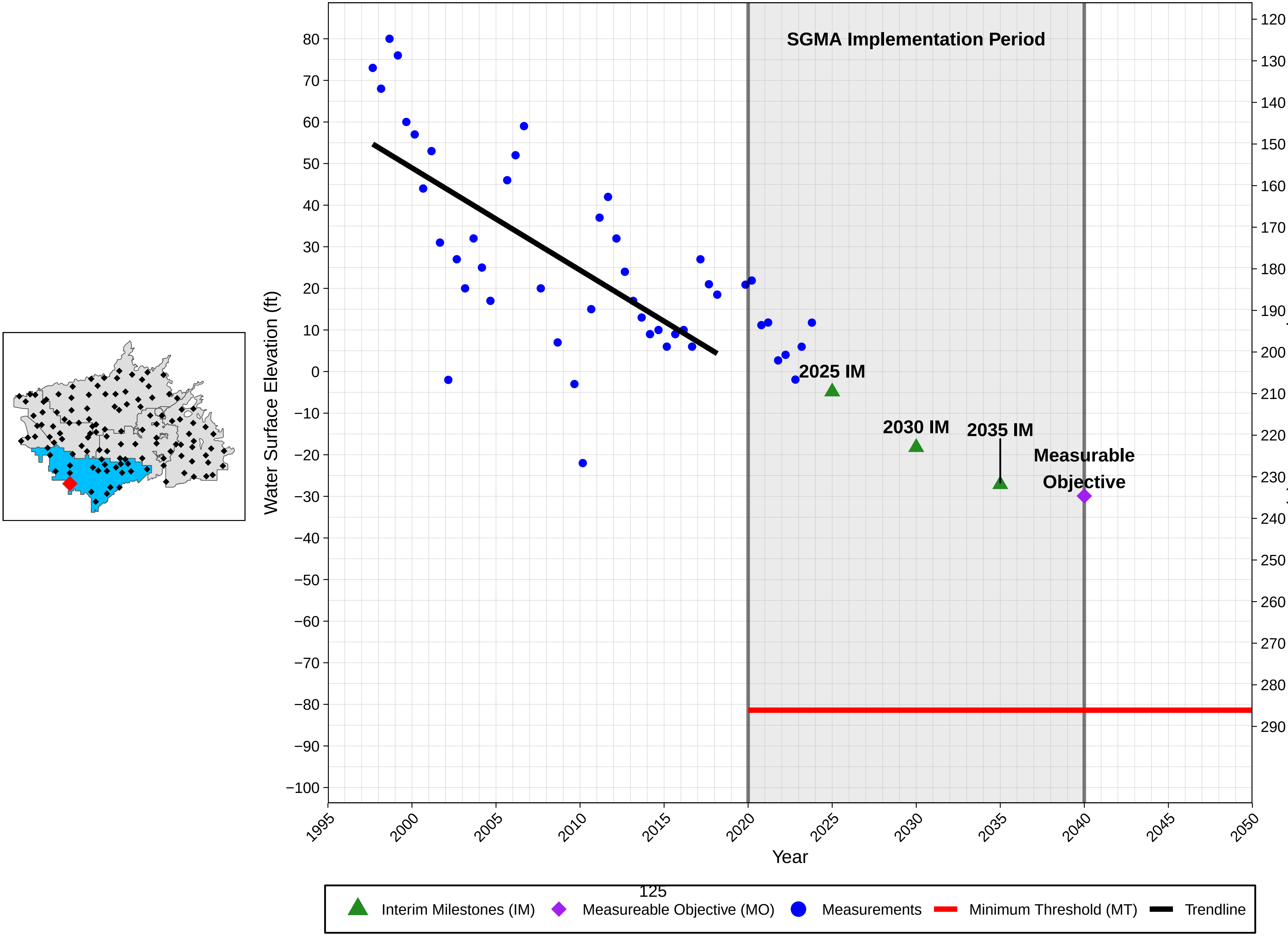
B06
GSE: 180
North Fork Kings Groundwater Sustainability Agency



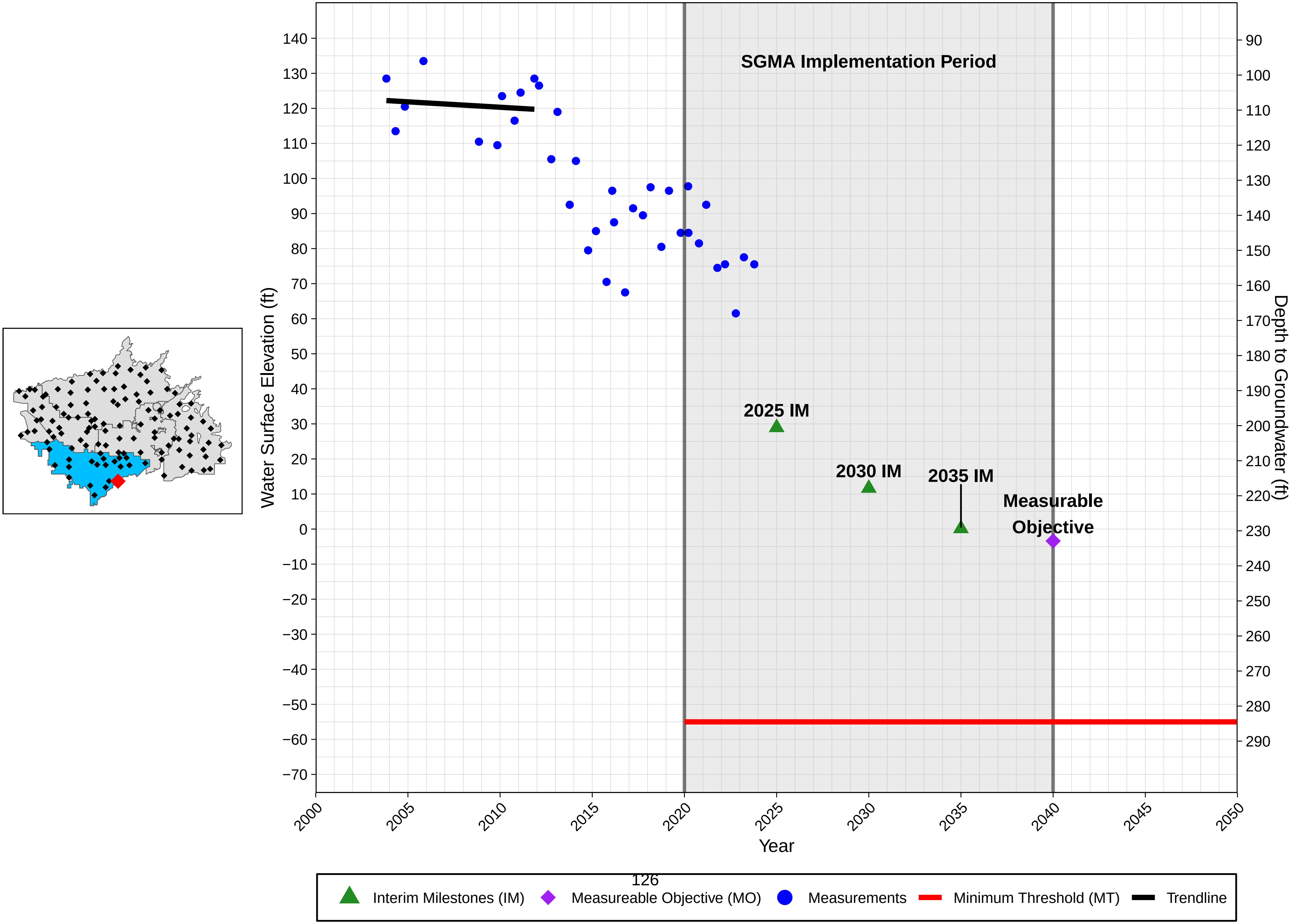



B22
GSE: 195.9
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

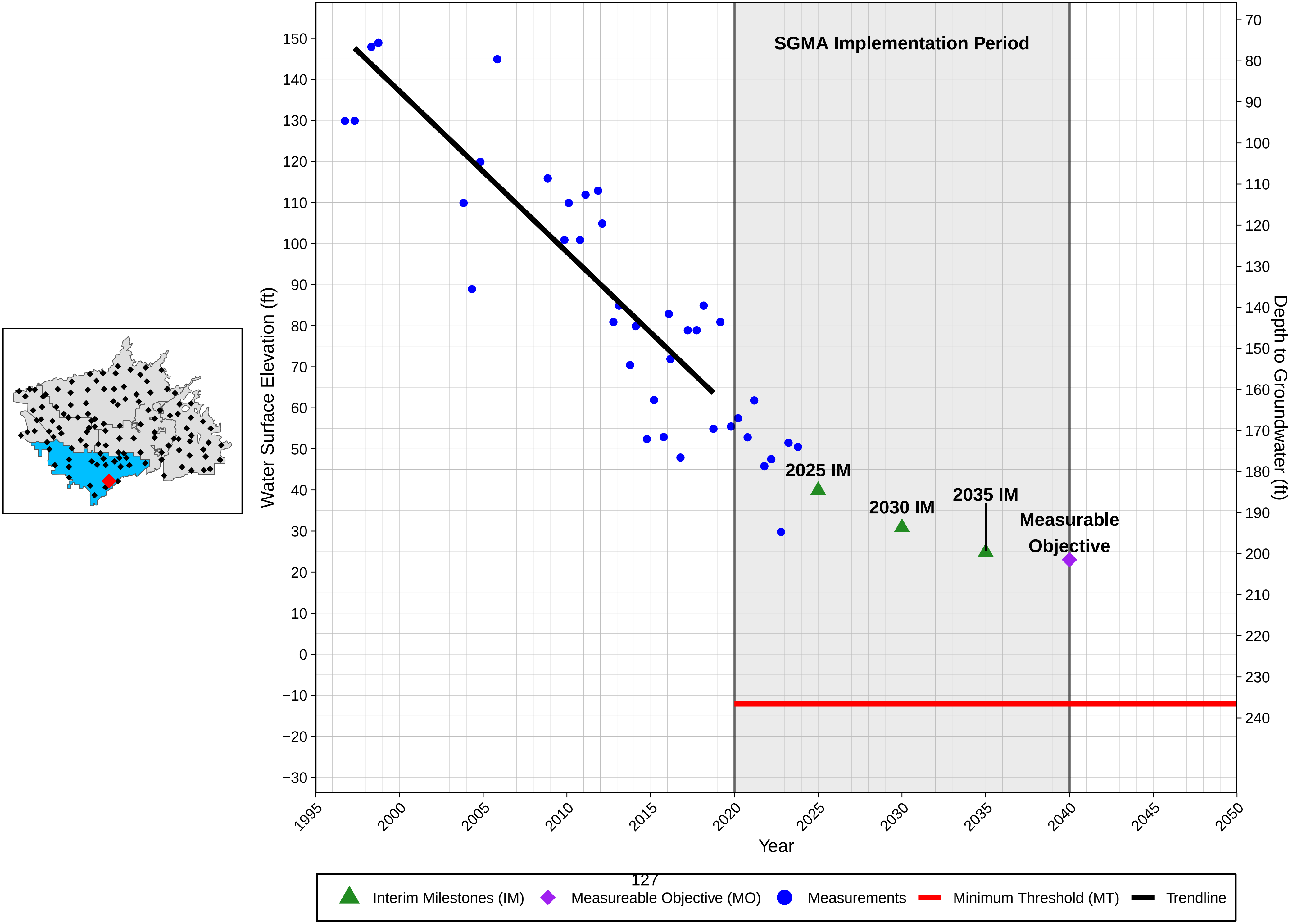
B31
GSE: 204.7
North Fork Kings Groundwater Sustainability Agency



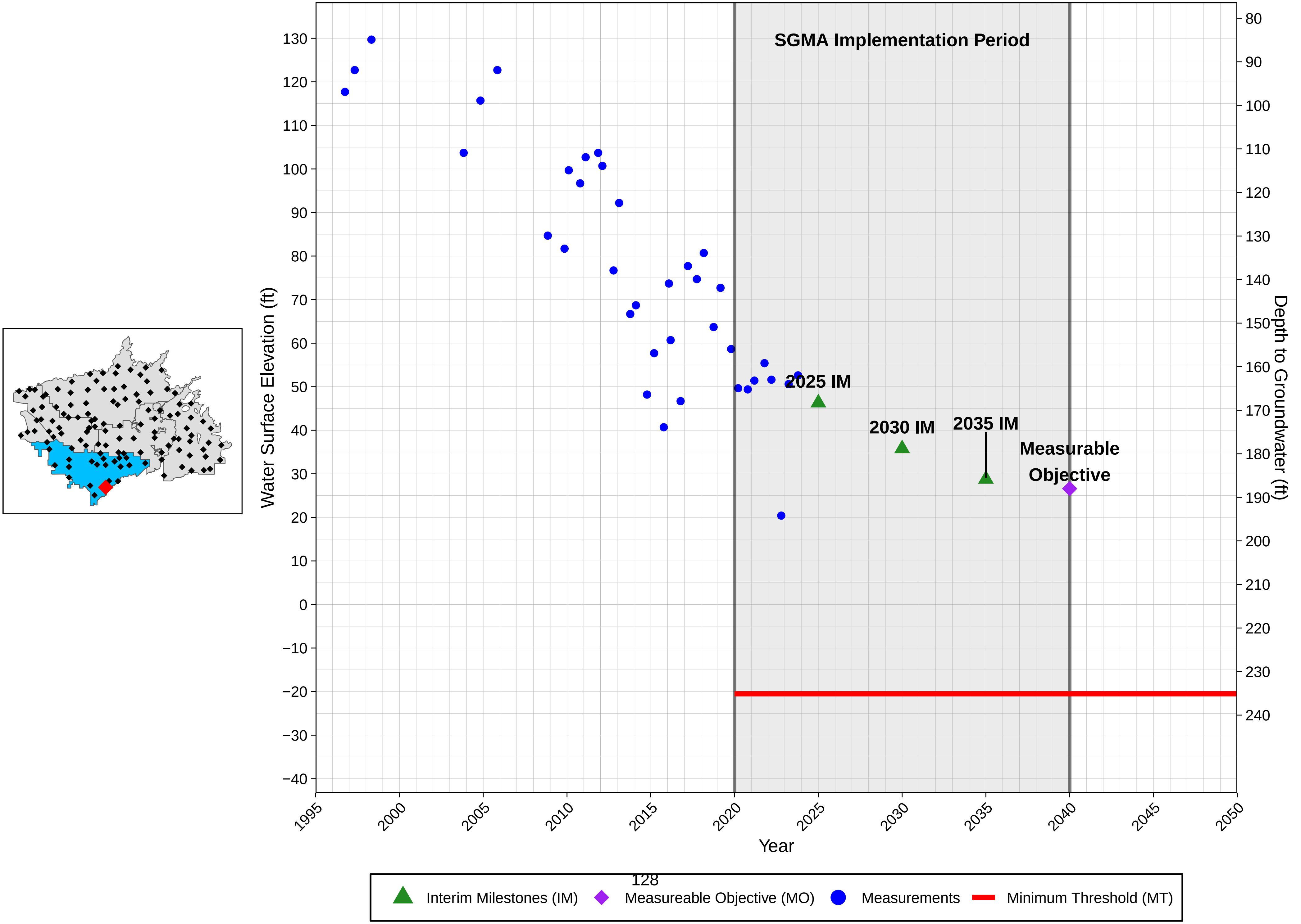
LID07
GSE: 229.5
North Fork Kings Groundwater Sustainability Agency

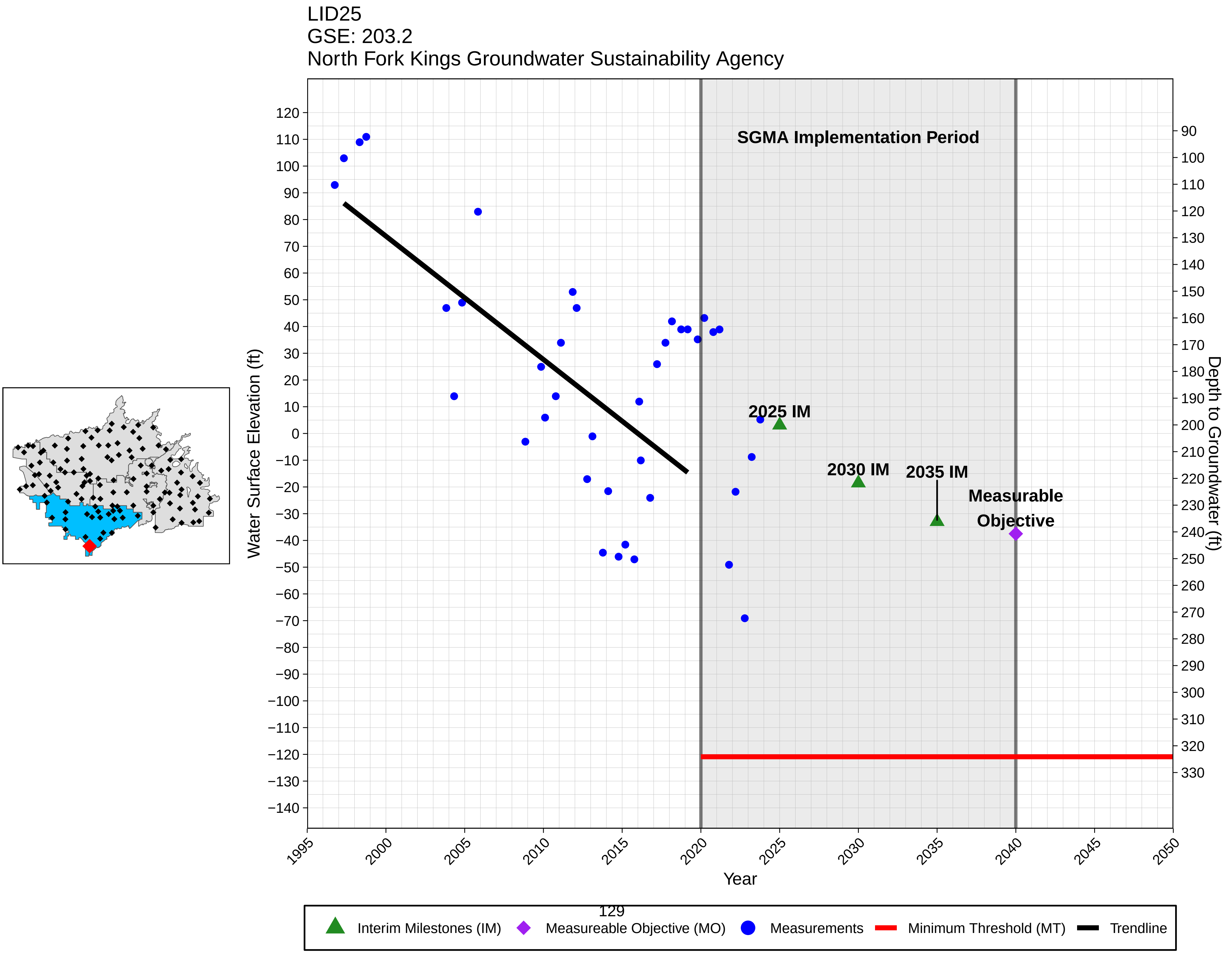


LID14
GSE: 224.5
North Fork Kings Groundwater Sustainability Agency



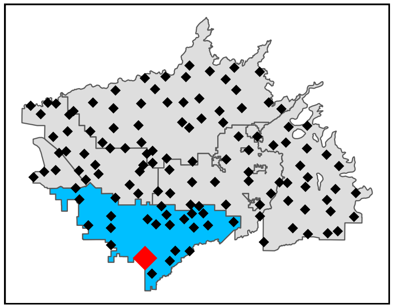
LID21
GSE: 214.6
North Fork Kings Groundwater Sustainability Agency

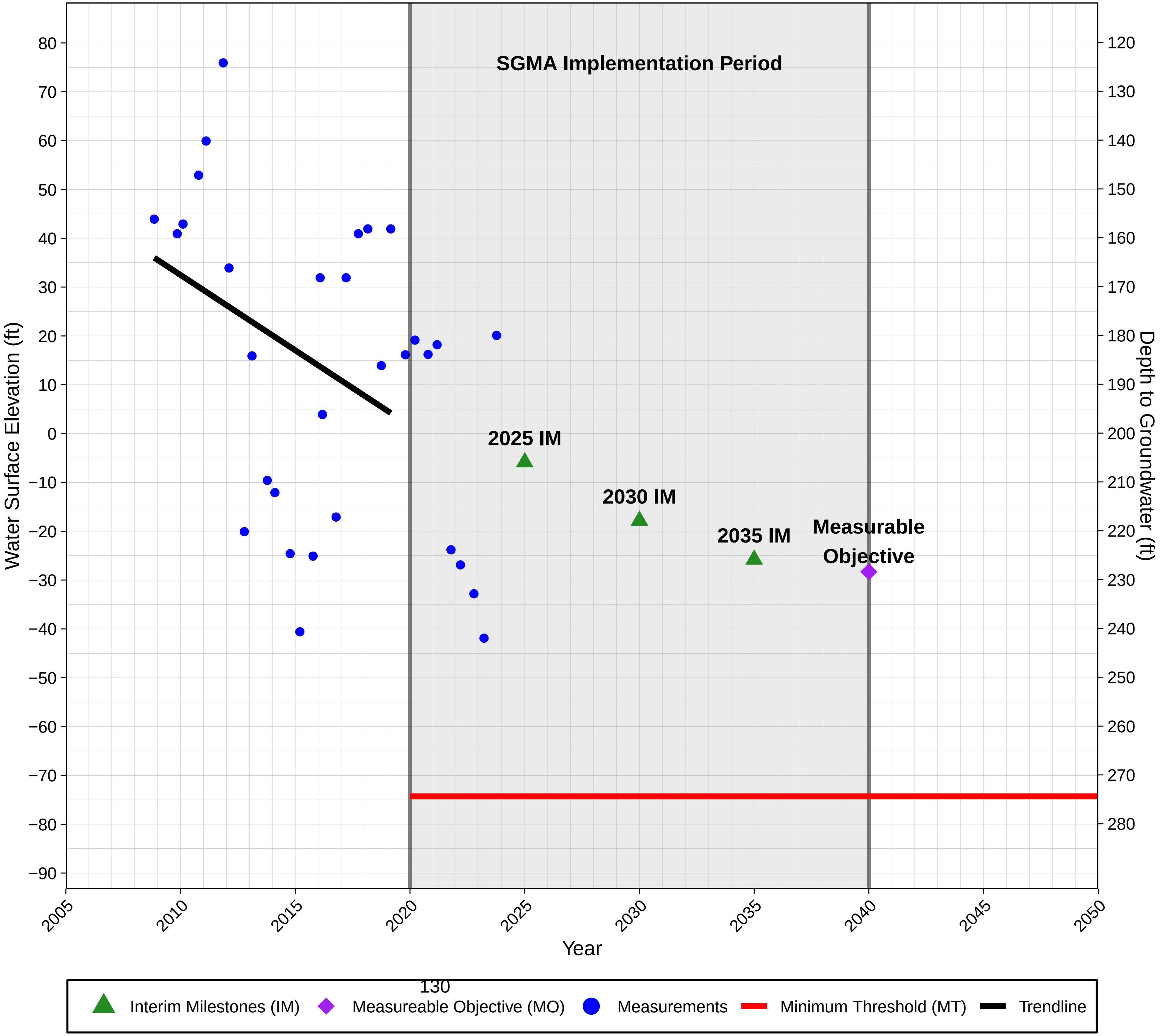




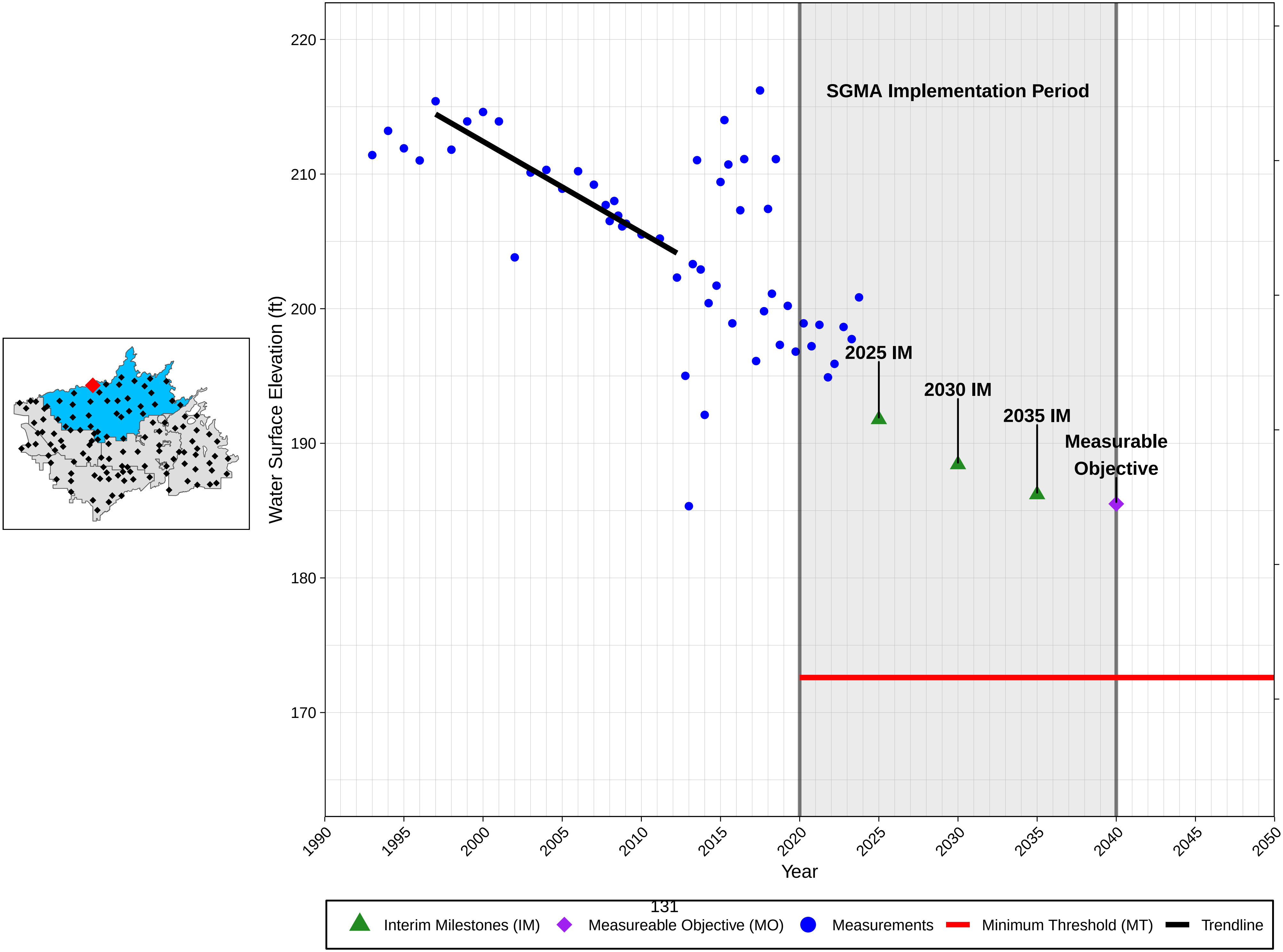
LID25
GSE: 203.2
North Fork Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

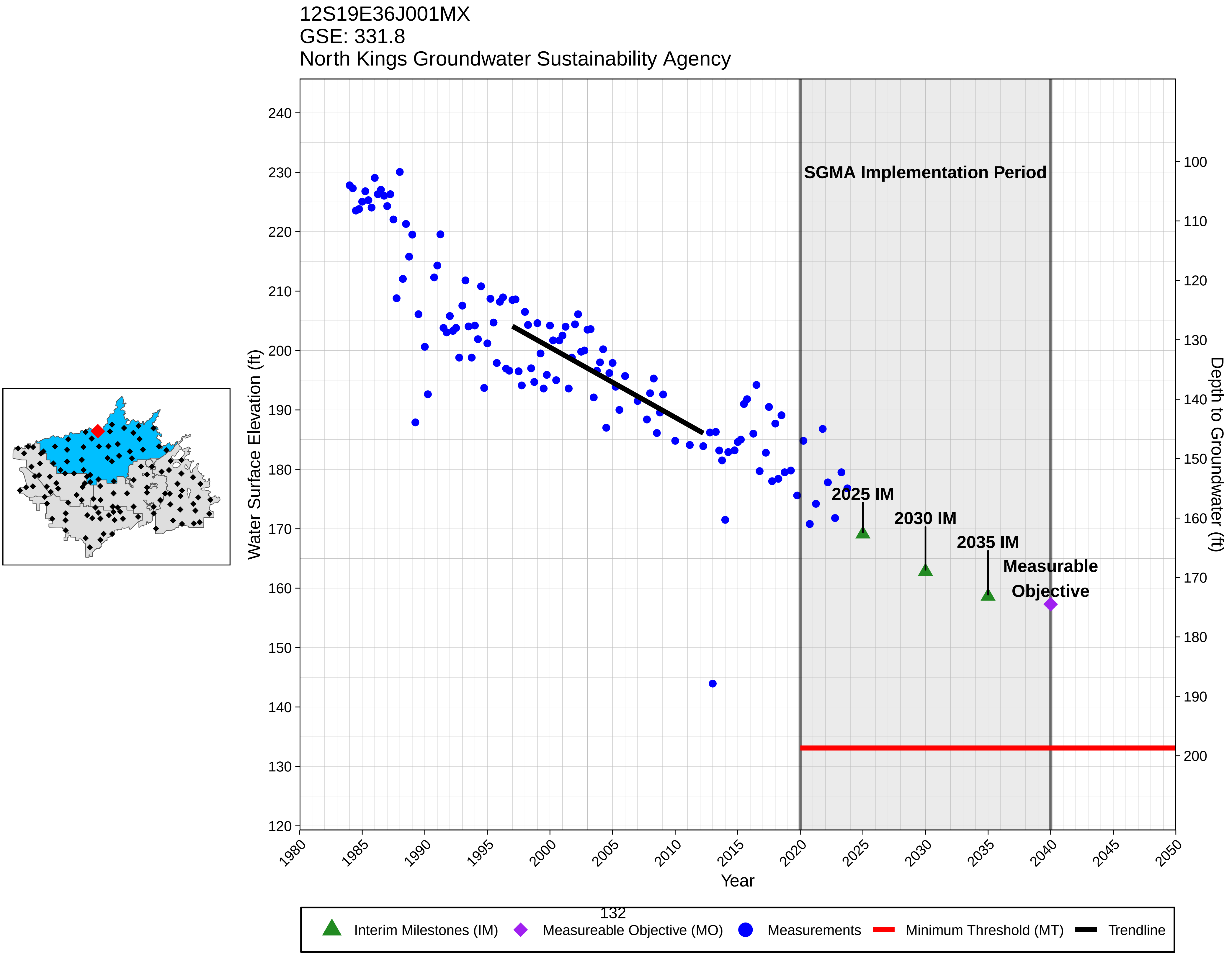
LID26
GSE: 200.1
North Fork Kings Groundwater Sustainability Agency





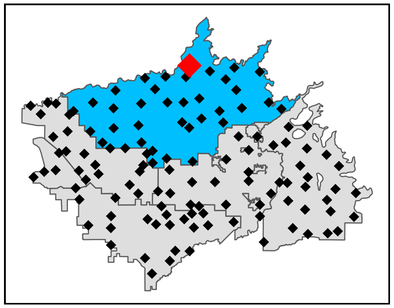
12S19E33P001MX
GSE: 301
North Kings Groundwater Sustainability Agency

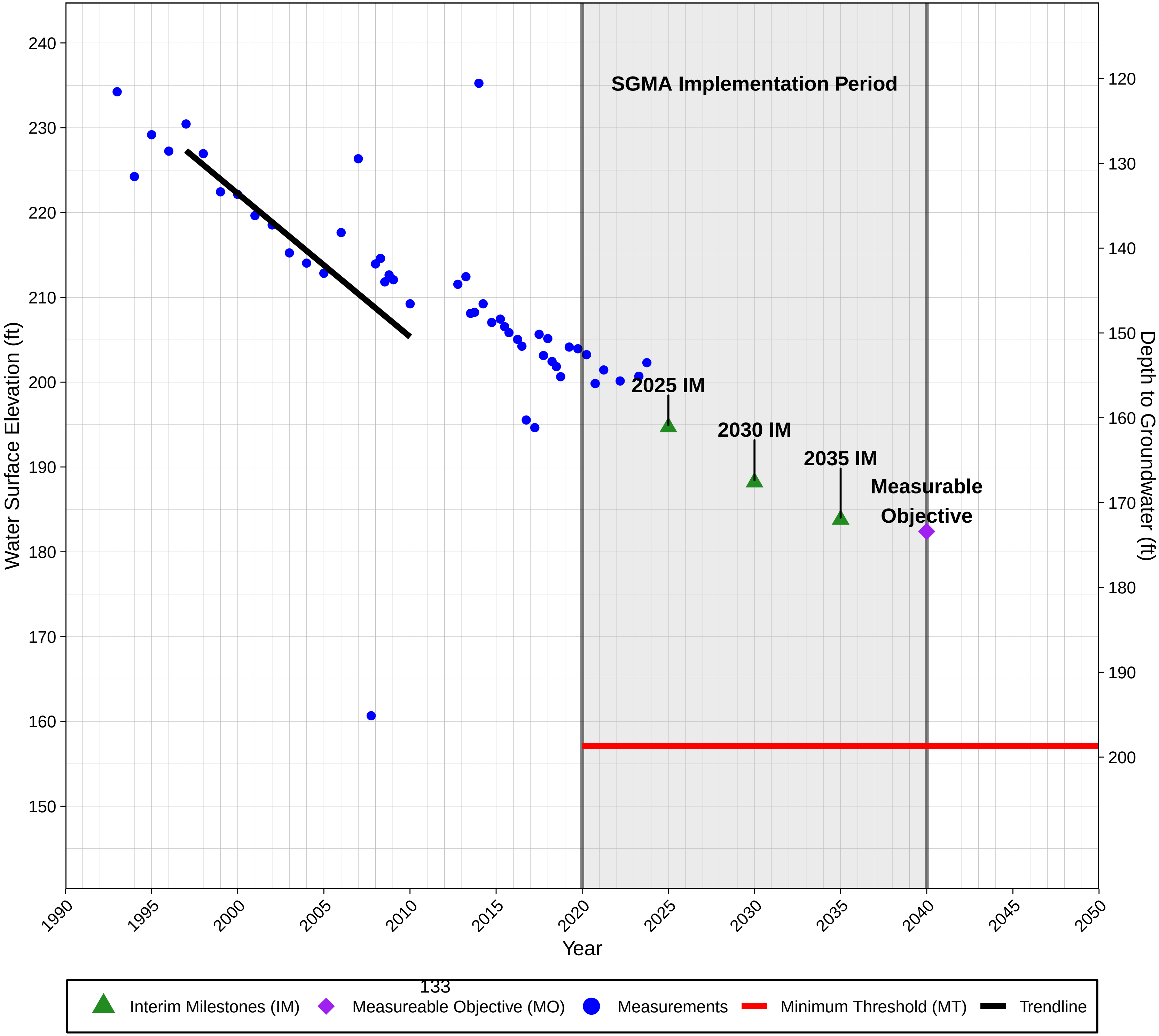




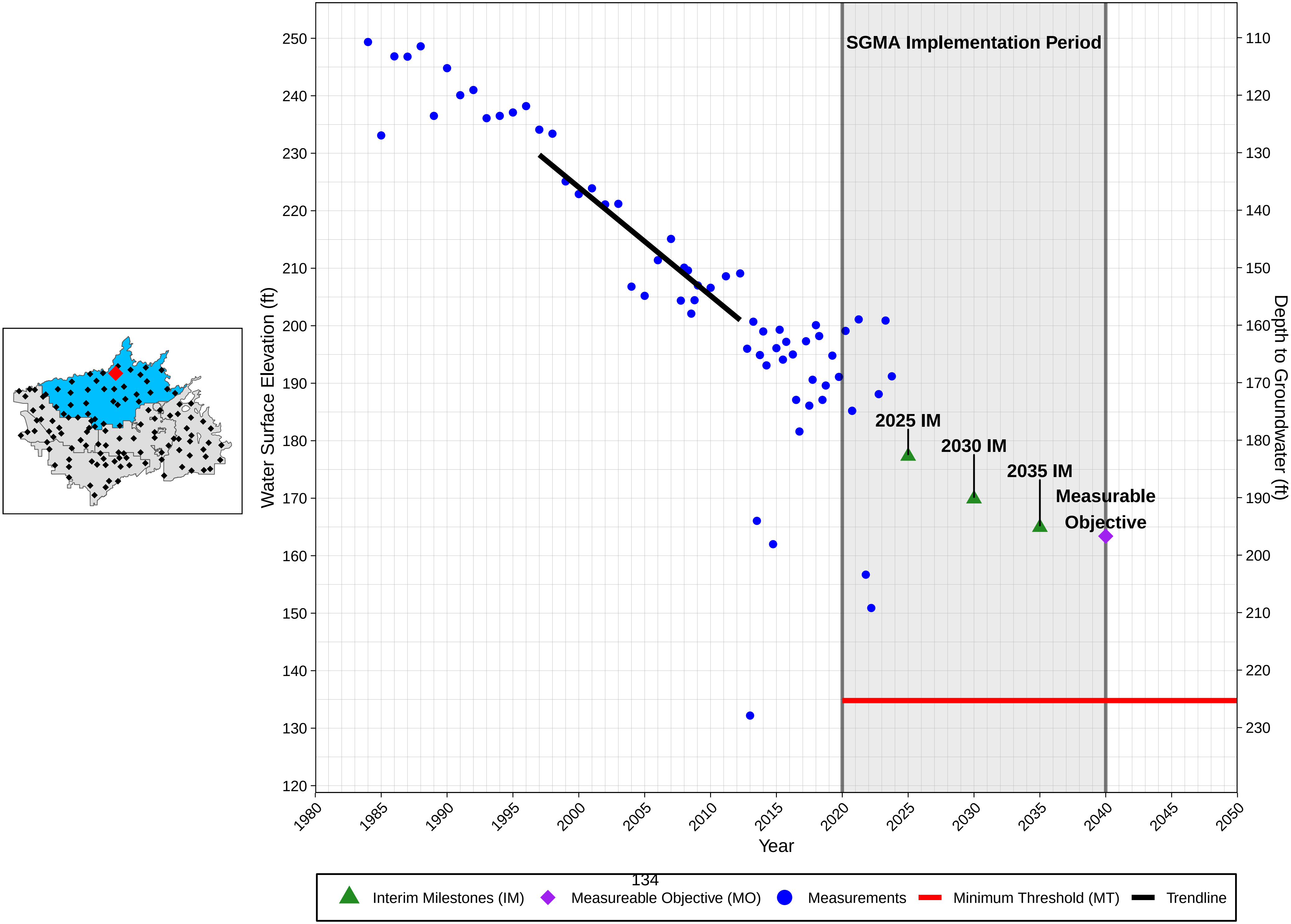
12S19E36J001MX
GSE: 331.8
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

12S20E23M001MX
GSE: 355.8
North Kings Groundwater Sustainability Agency

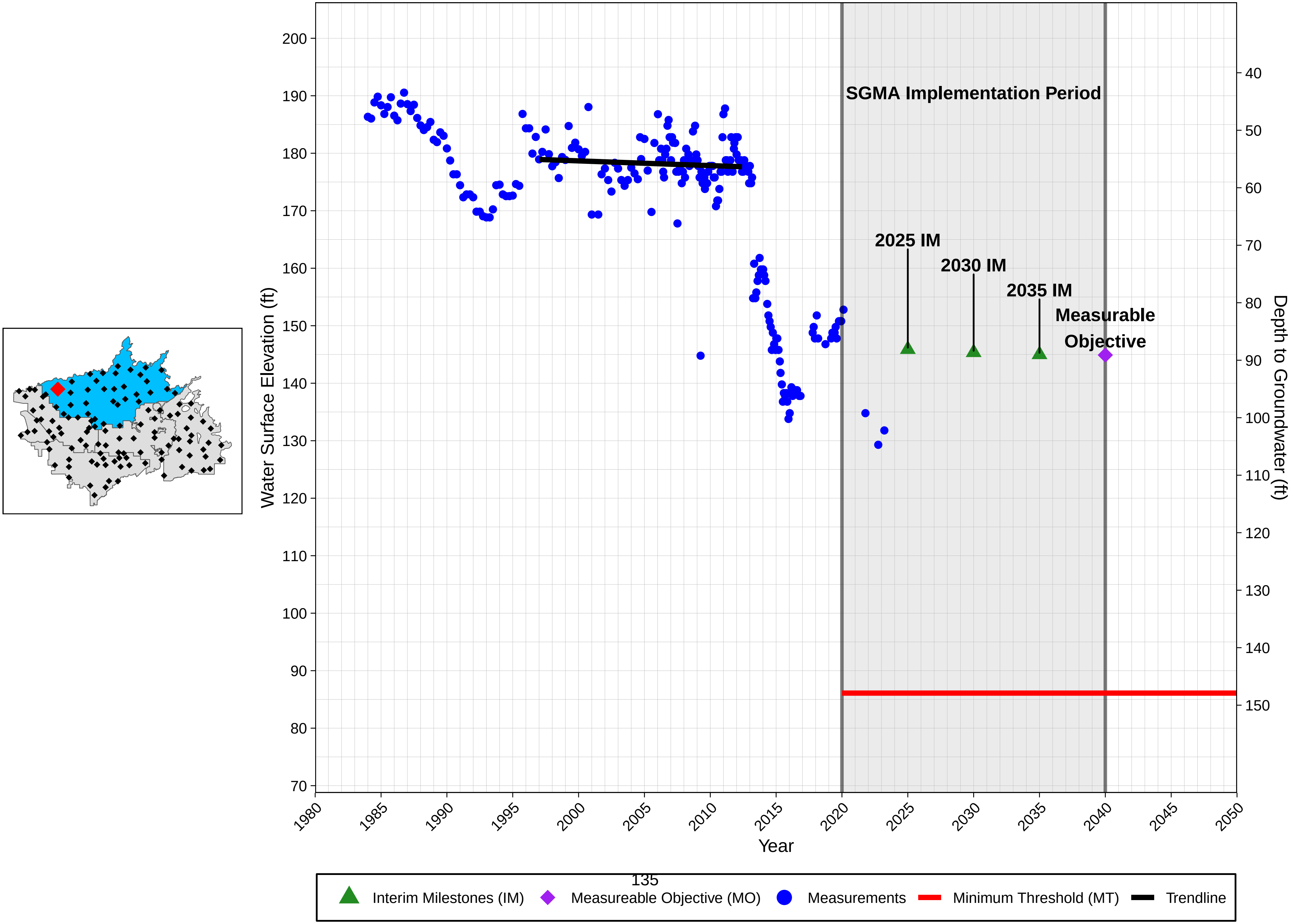




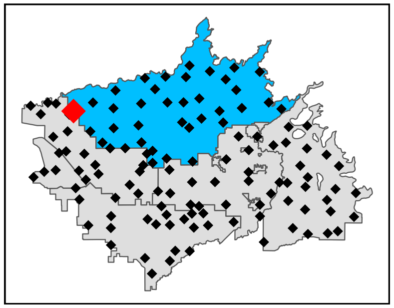
12S20E34K001MX
GSE: 360.1
North Kings Groundwater Sustainability Agency

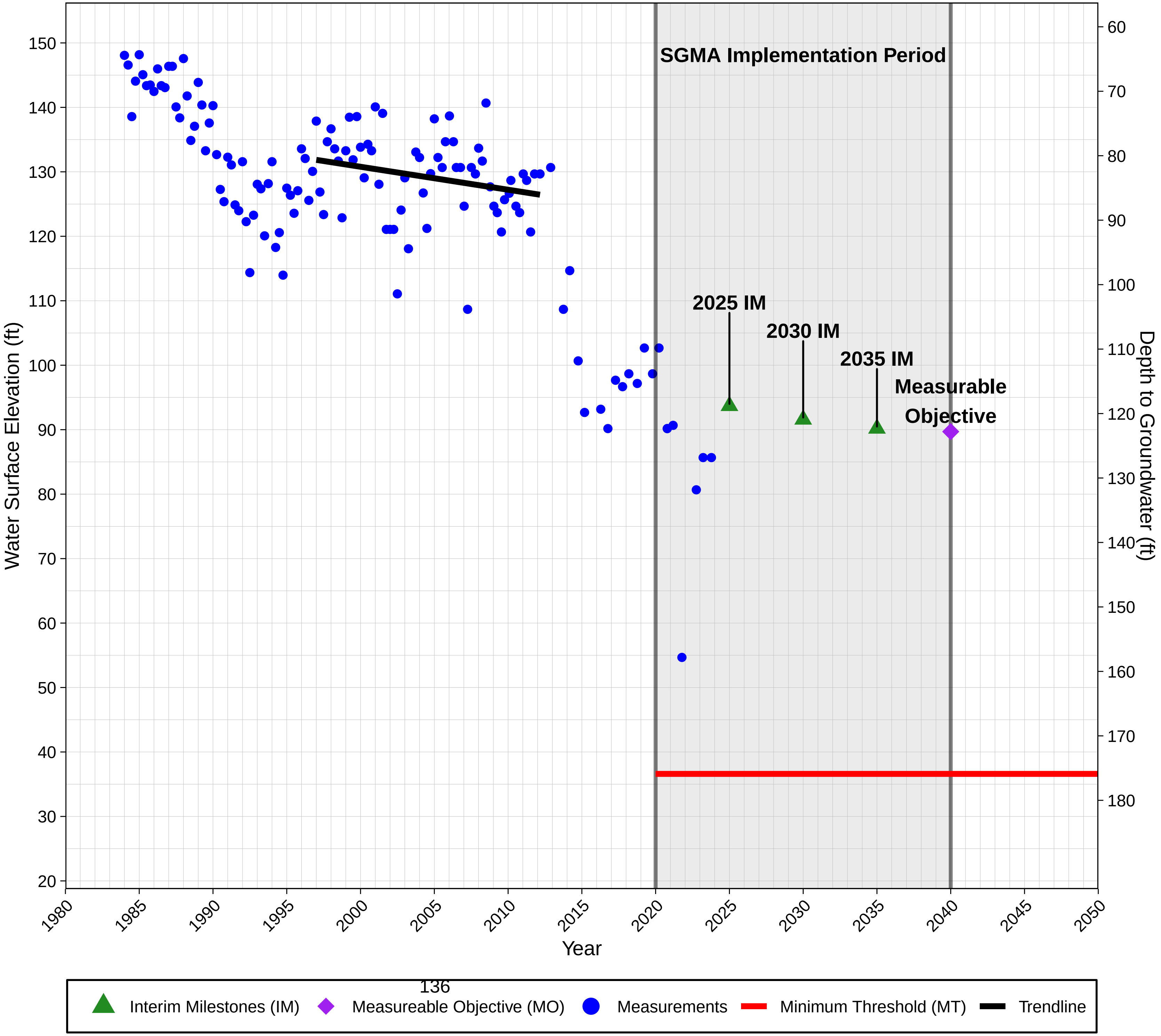


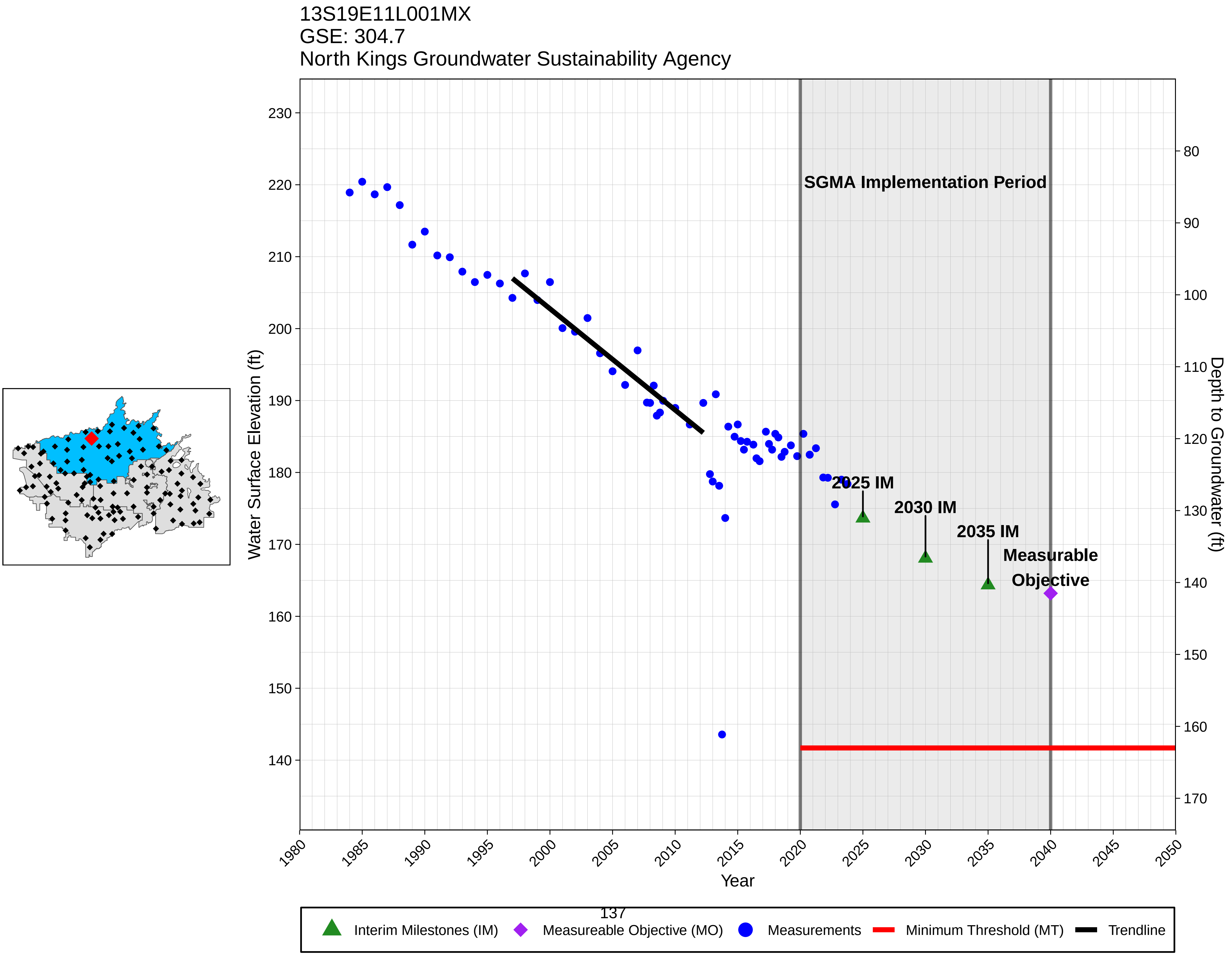
13S17E25C001MX
GSE: 234
North Kings Groundwater Sustainability Agency



13S17E33M001MX
GSE: 212.5
North Kings Groundwater Sustainability Agency

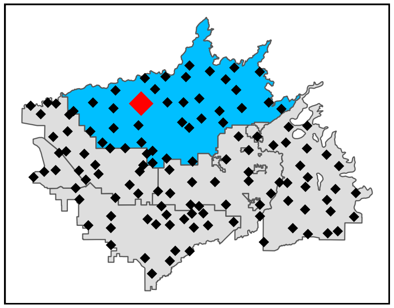


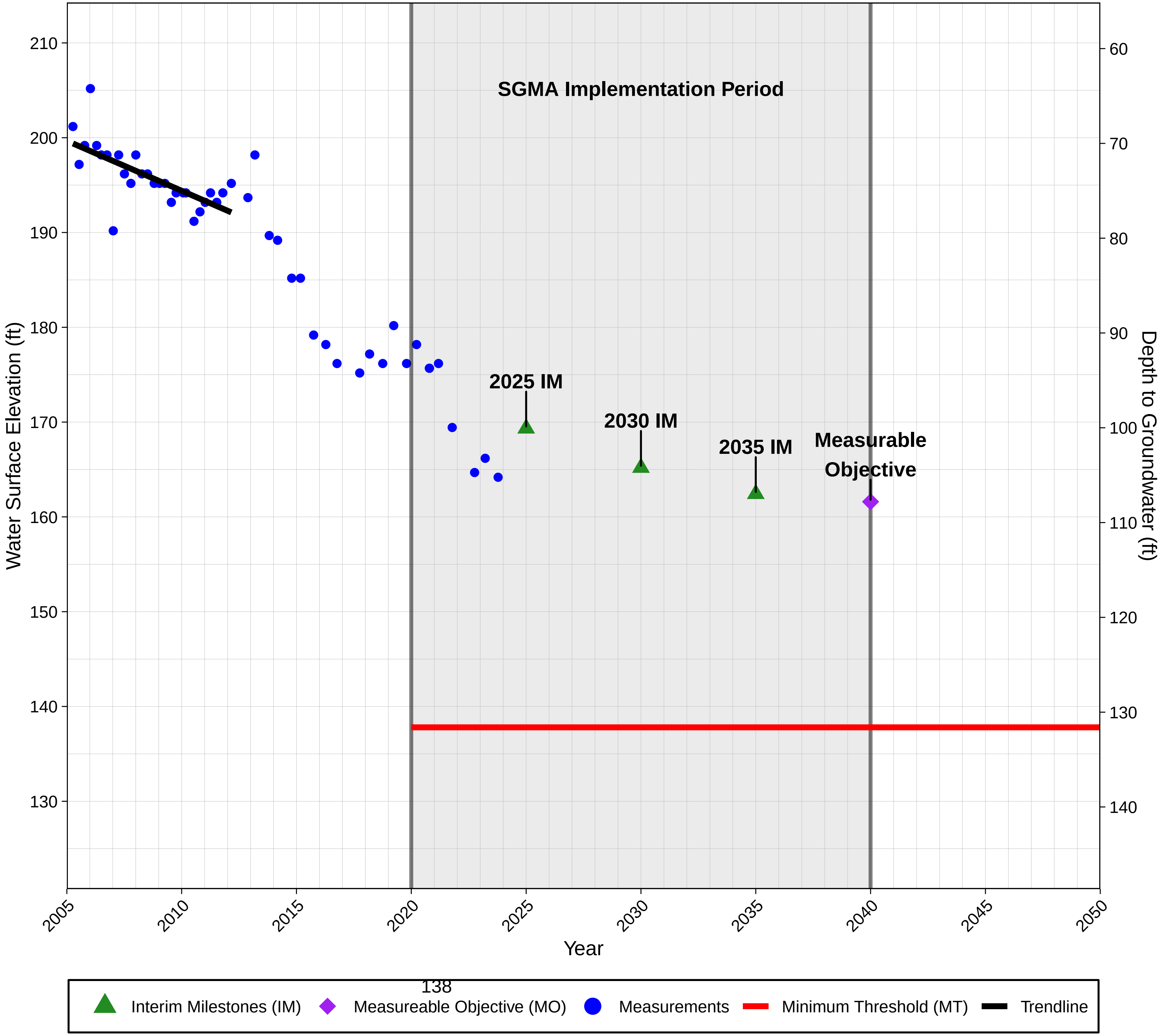




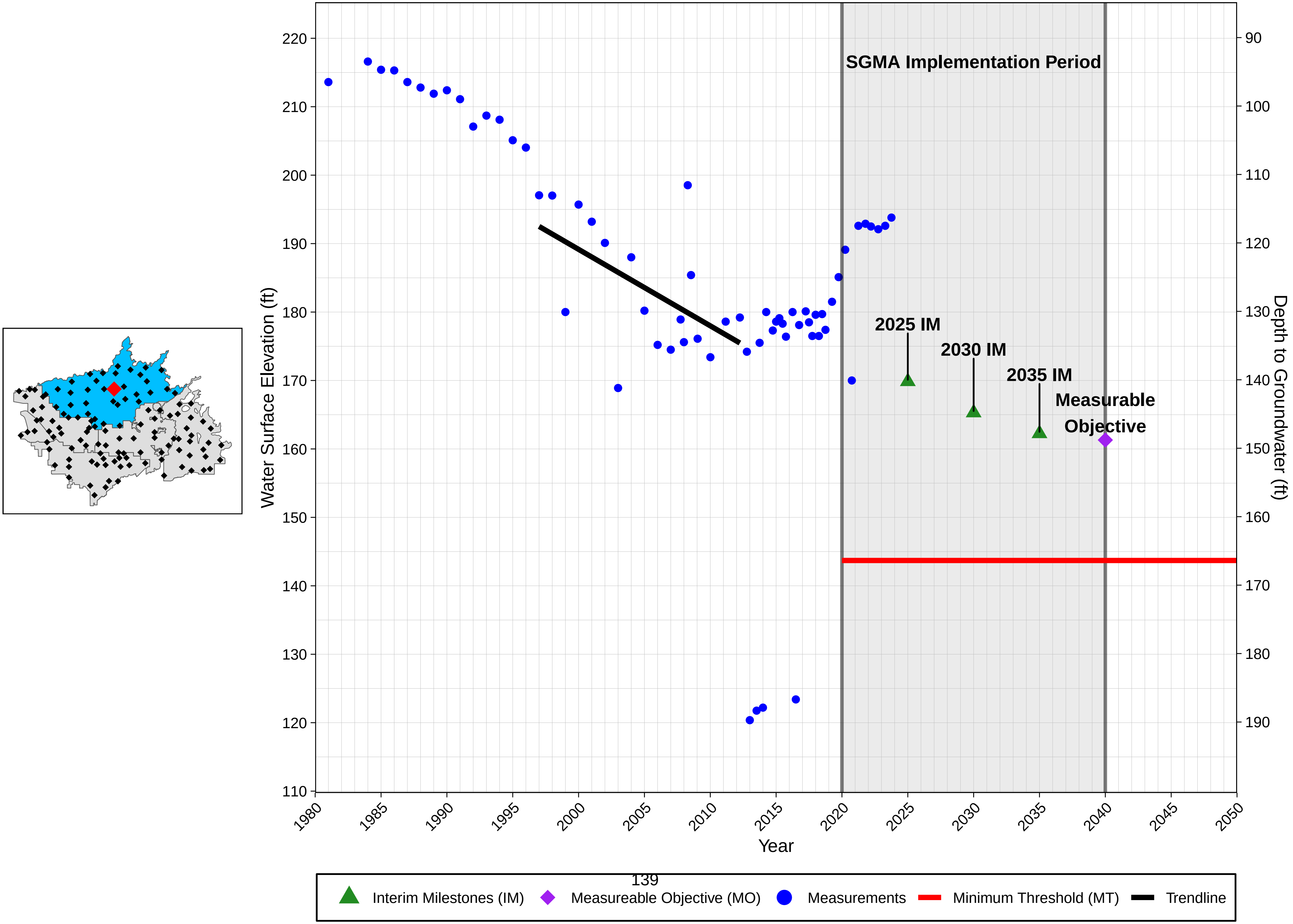
13S19E11L001MX
GSE: 304.7
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

13S19E29A001MX
GSE: 269.4
North Kings Groundwater Sustainability Agency

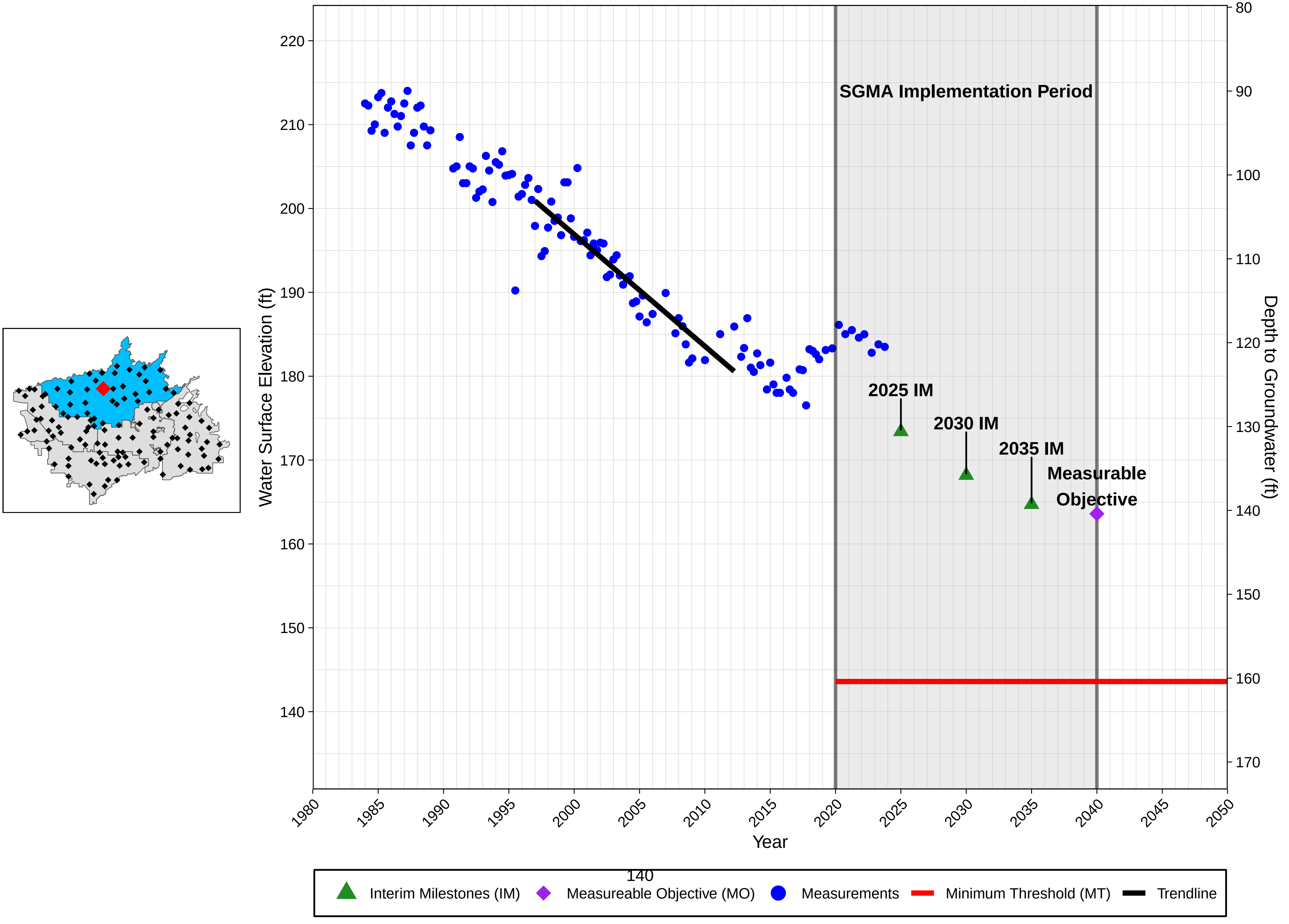




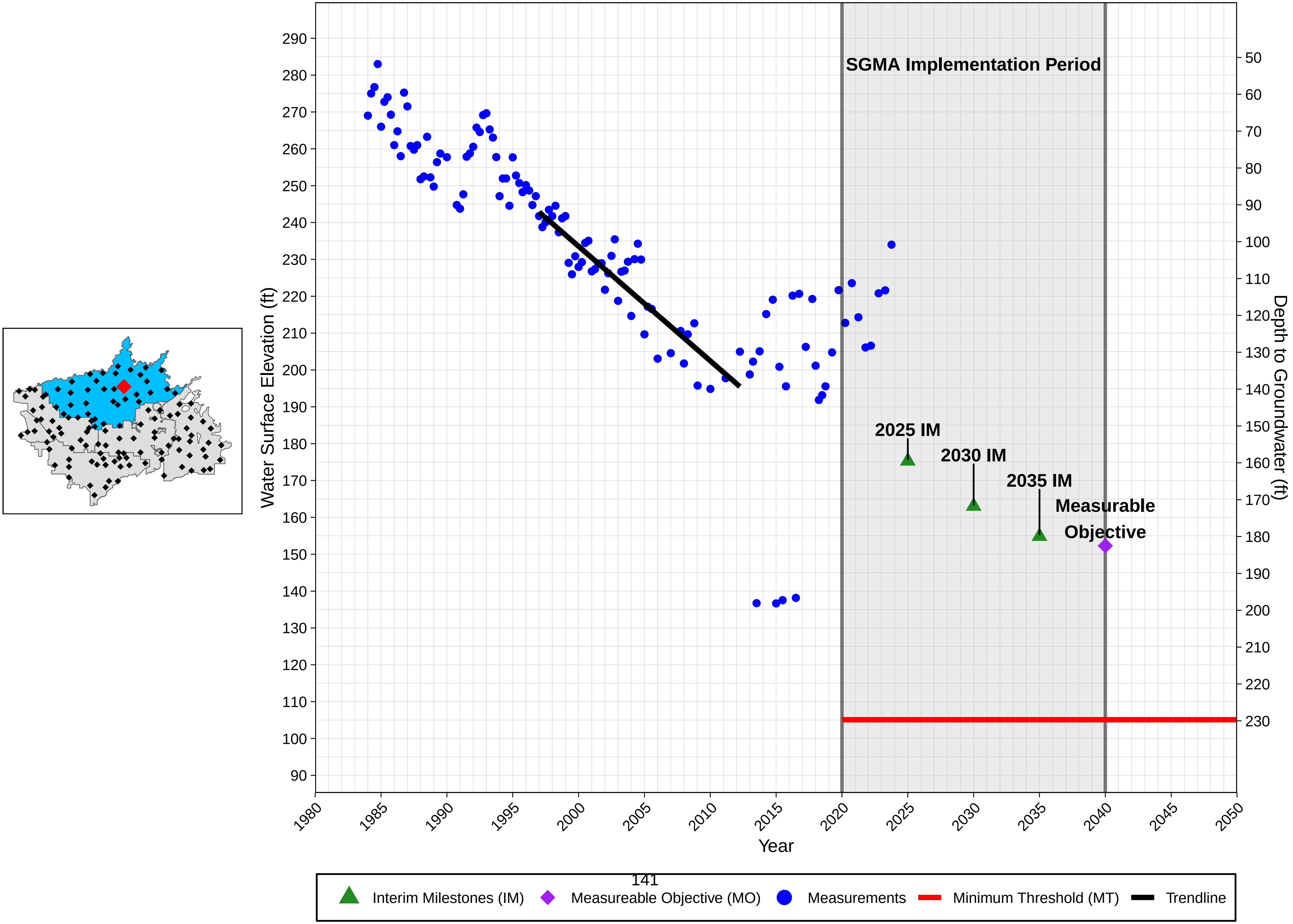
13S20E27C001MX
GSE: 310.1
North Kings Groundwater Sustainability Agency



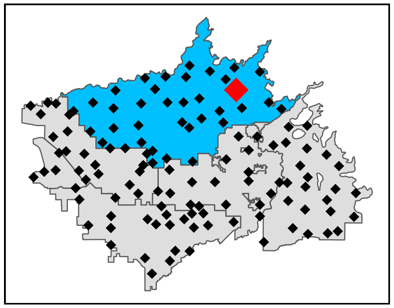
13S20E30B001MX
GSE: 304
North Kings Groundwater Sustainability Agency

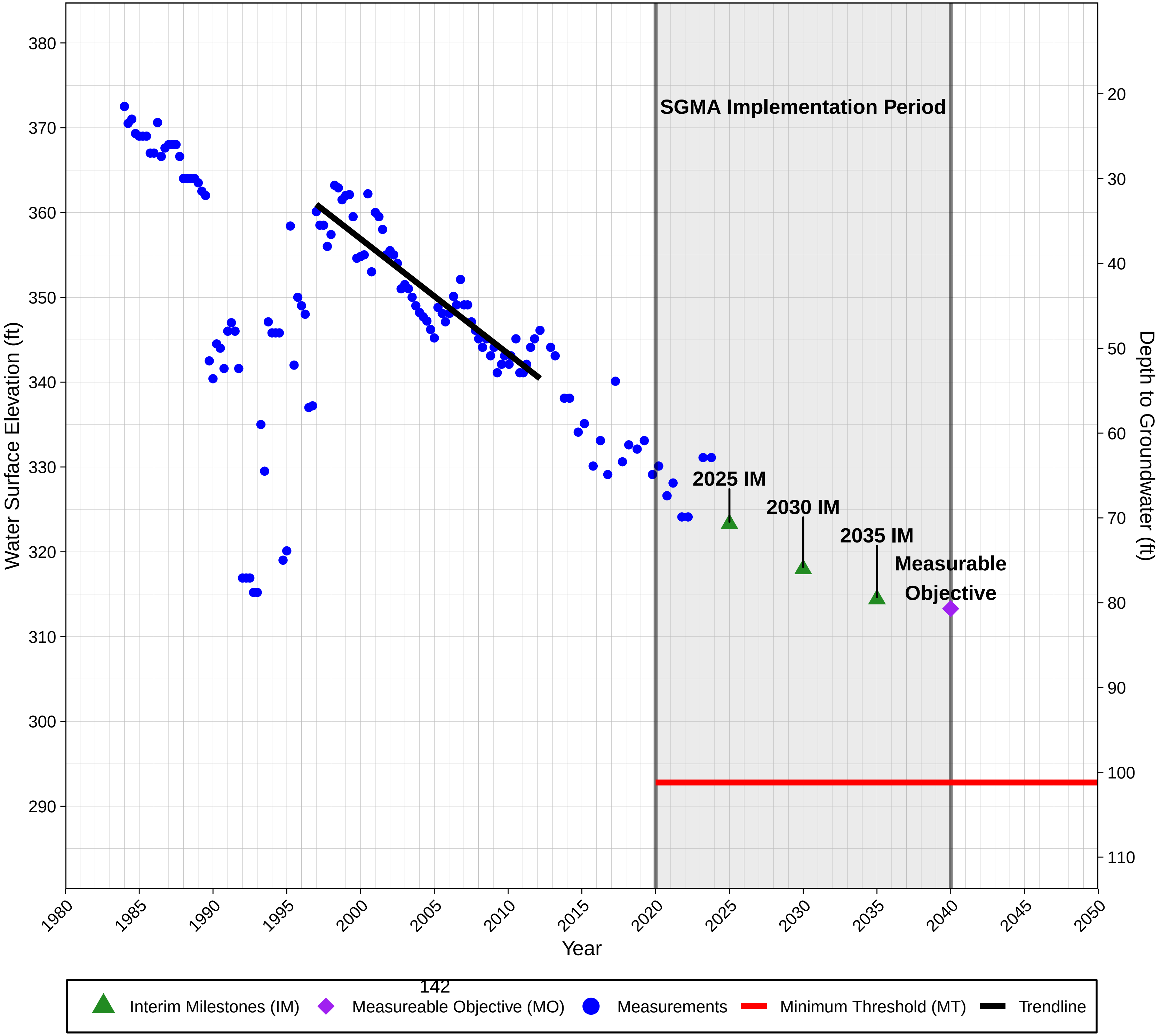


13S21E19E001MX
GSE: 334.8
North Kings Groundwater Sustainability Agency

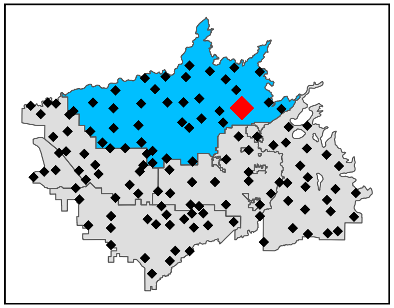


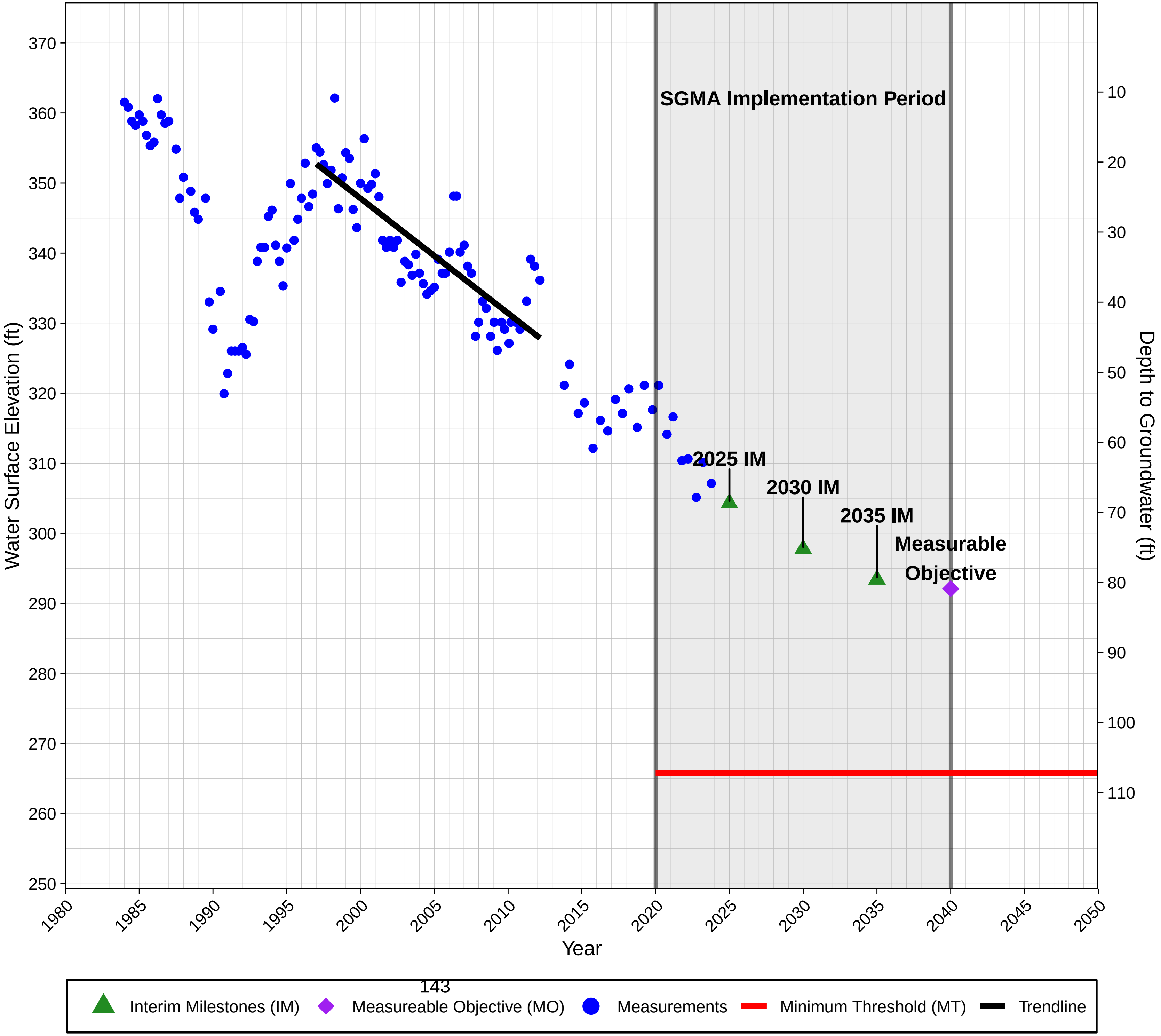
13S22E07R001MX
GSE: 394
North Kings Groundwater Sustainability Agency



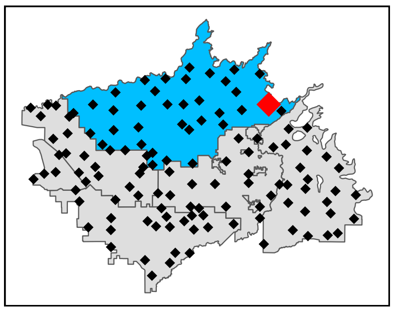


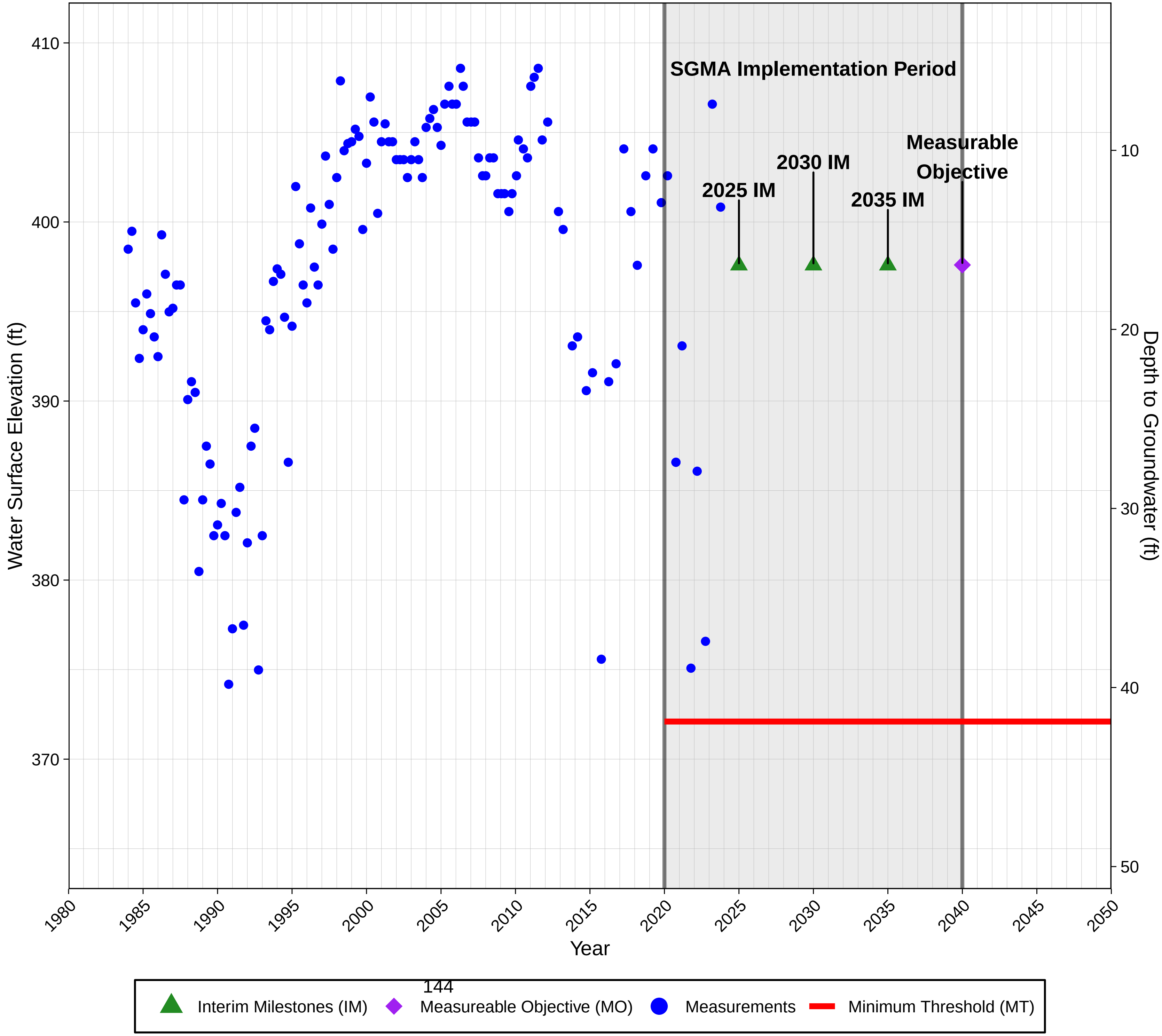
13S22E32A001MX
GSE: 373
North Kings Groundwater Sustainability Agency



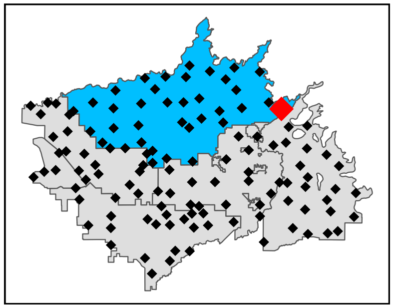


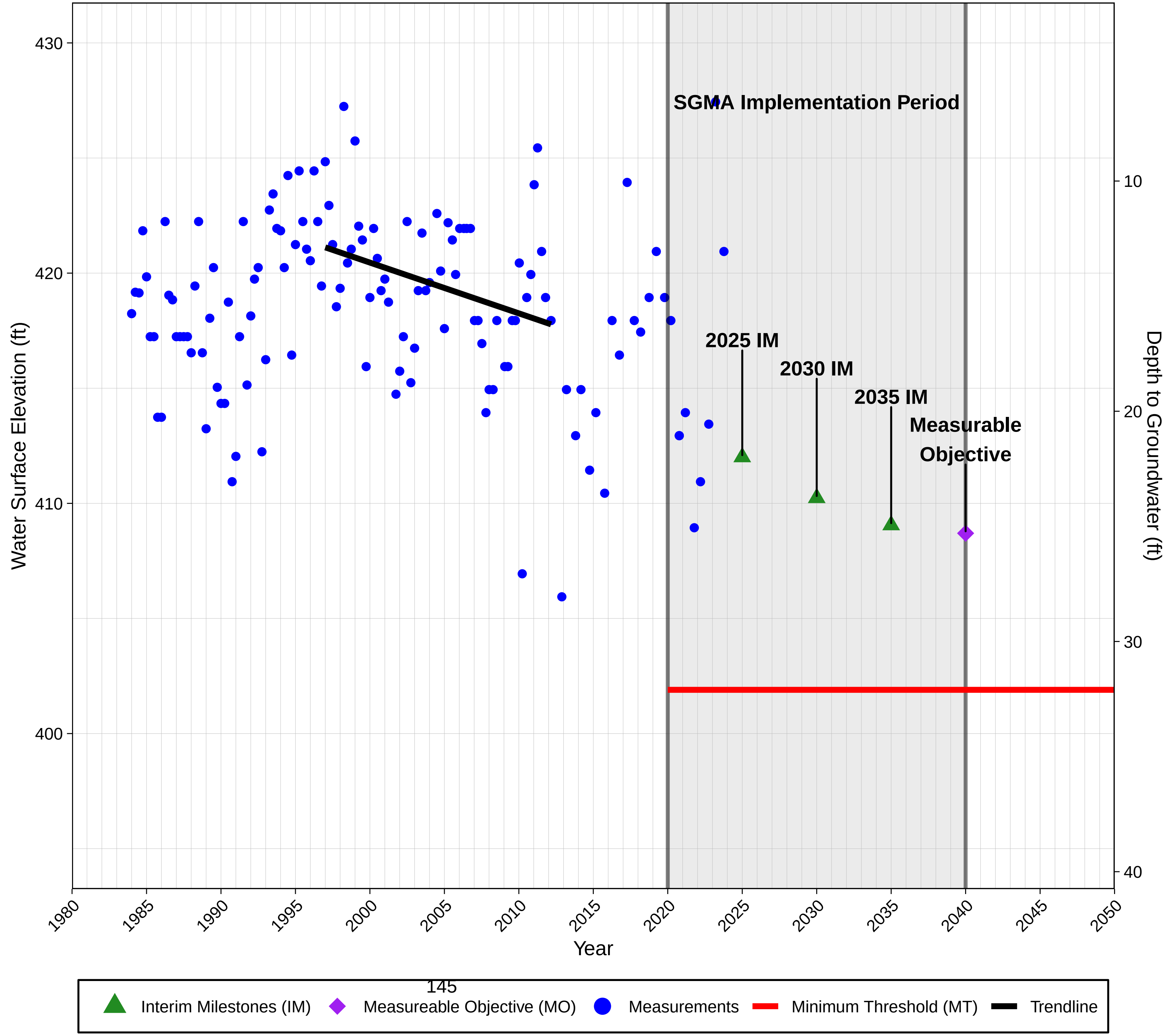
13S23E30C001MX
GSE: 414
North Kings Groundwater Sustainability Agency

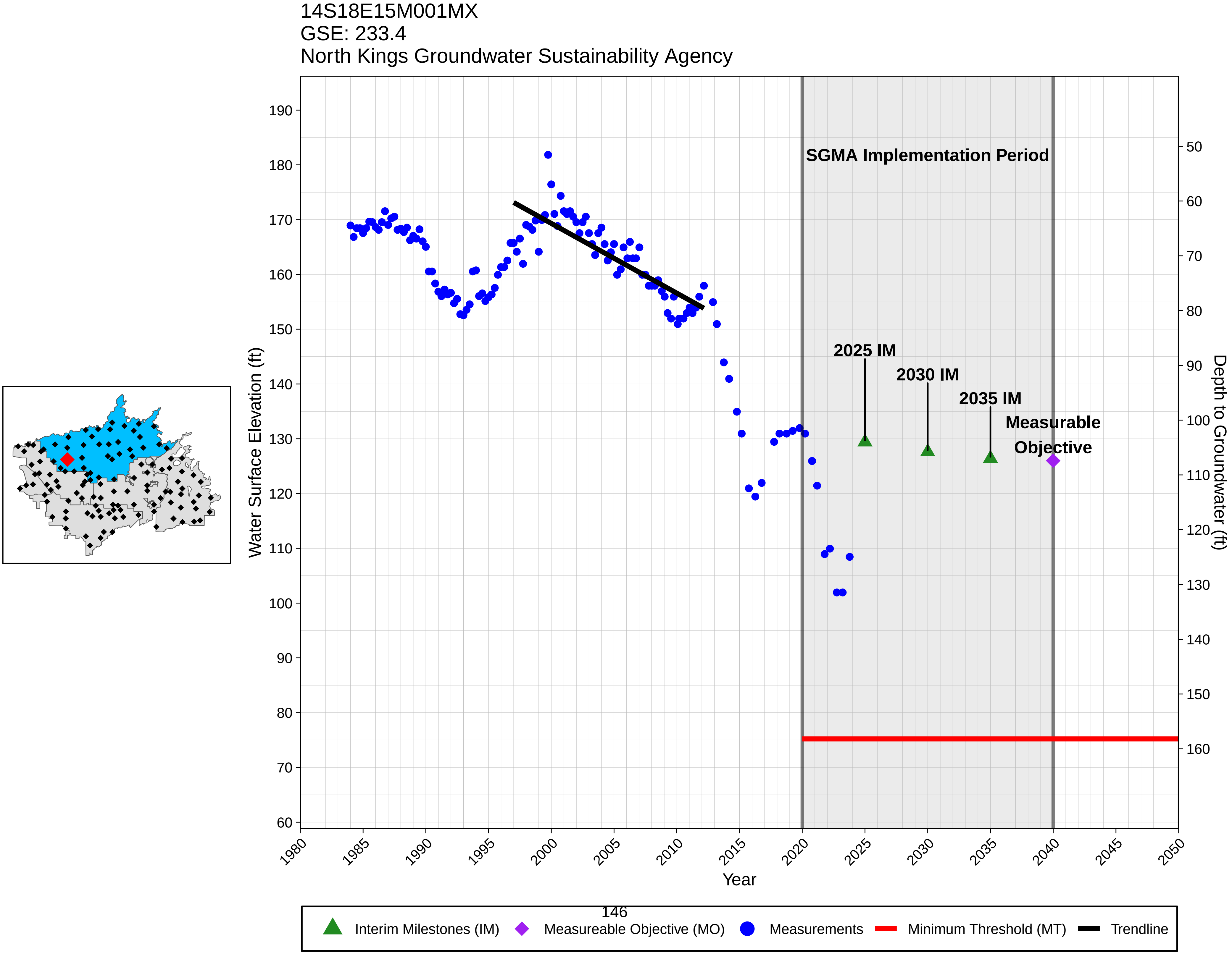




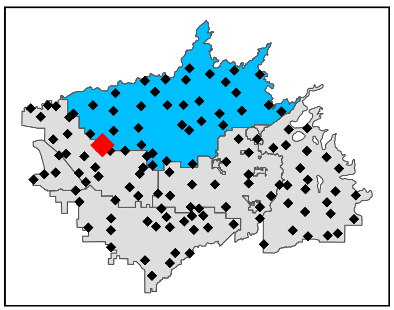
13S23E33B001MX
GSE: 434
North Kings Groundwater Sustainability Agency

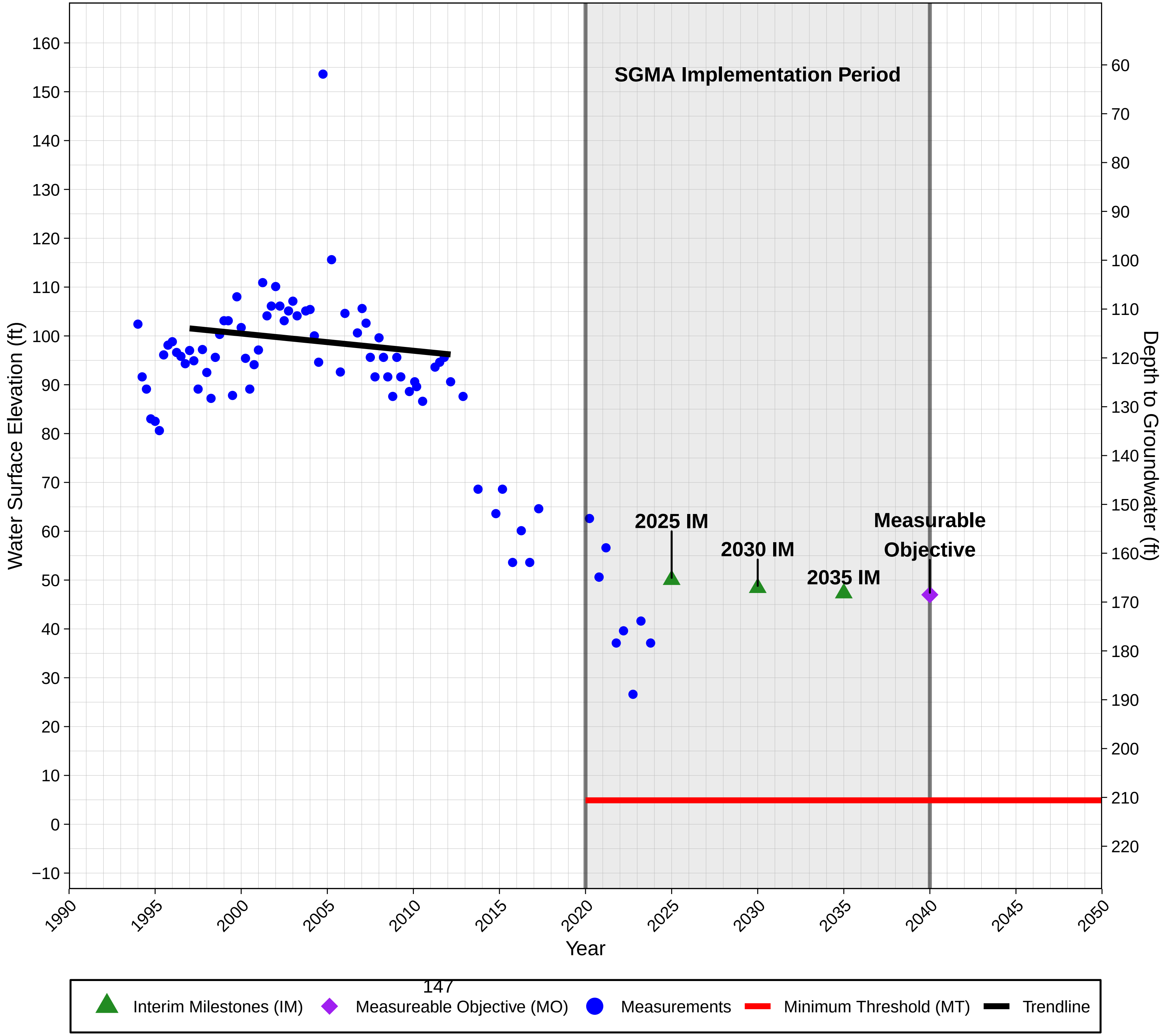


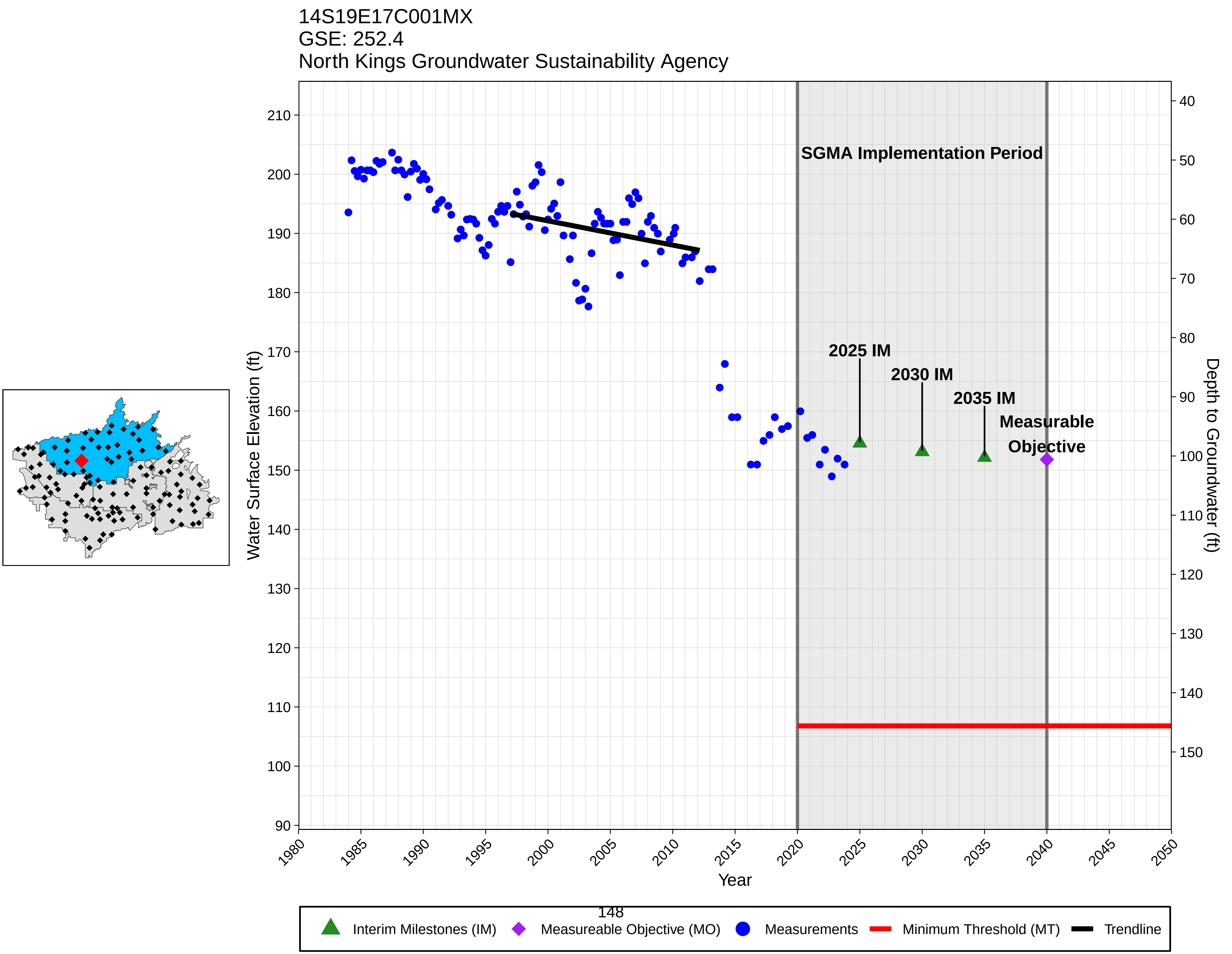



14S18E15M001MX
GSE: 233.4
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

14S18E32D001MX
GSE: 215.5
North Kings Groundwater Sustainability Agency

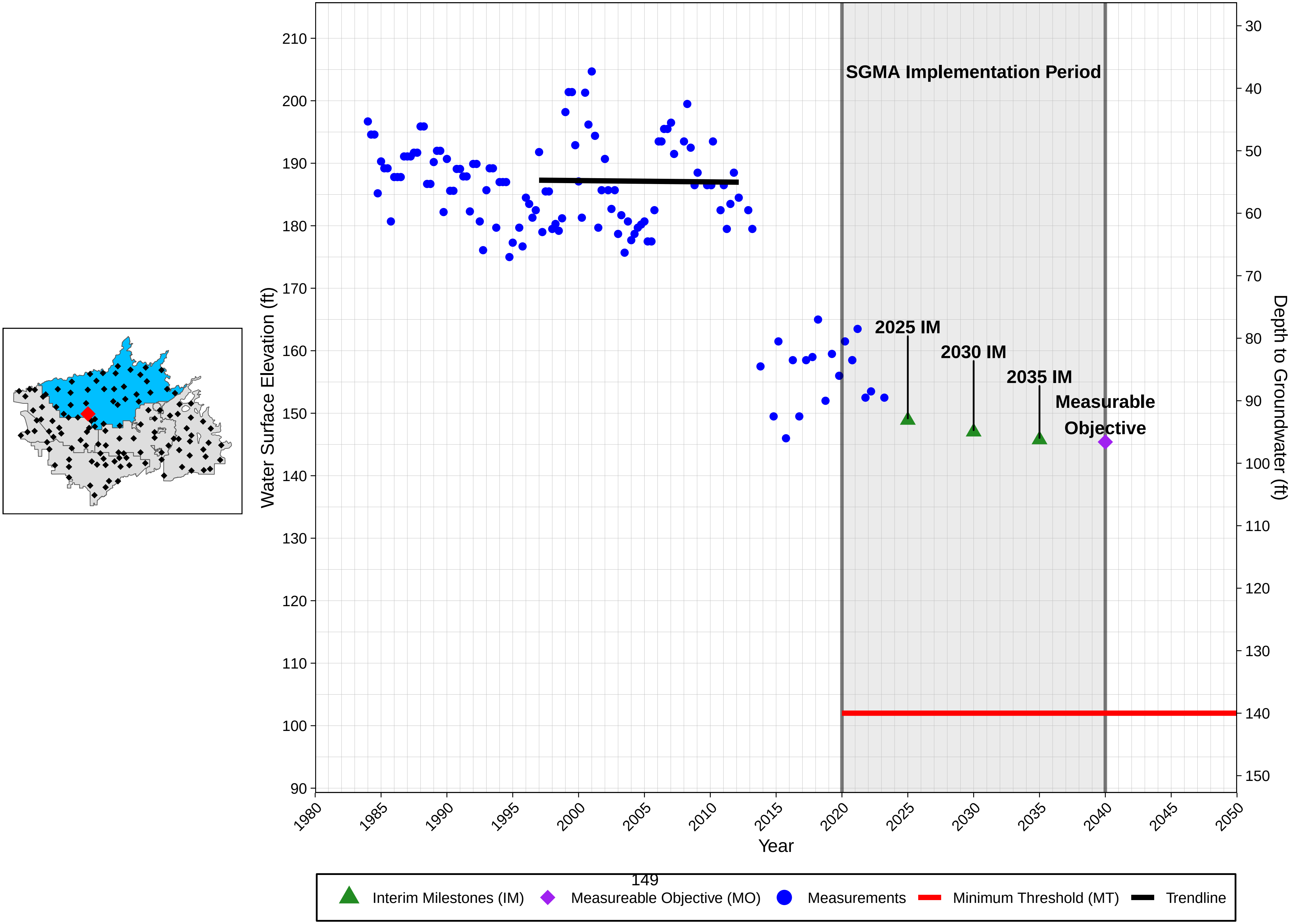


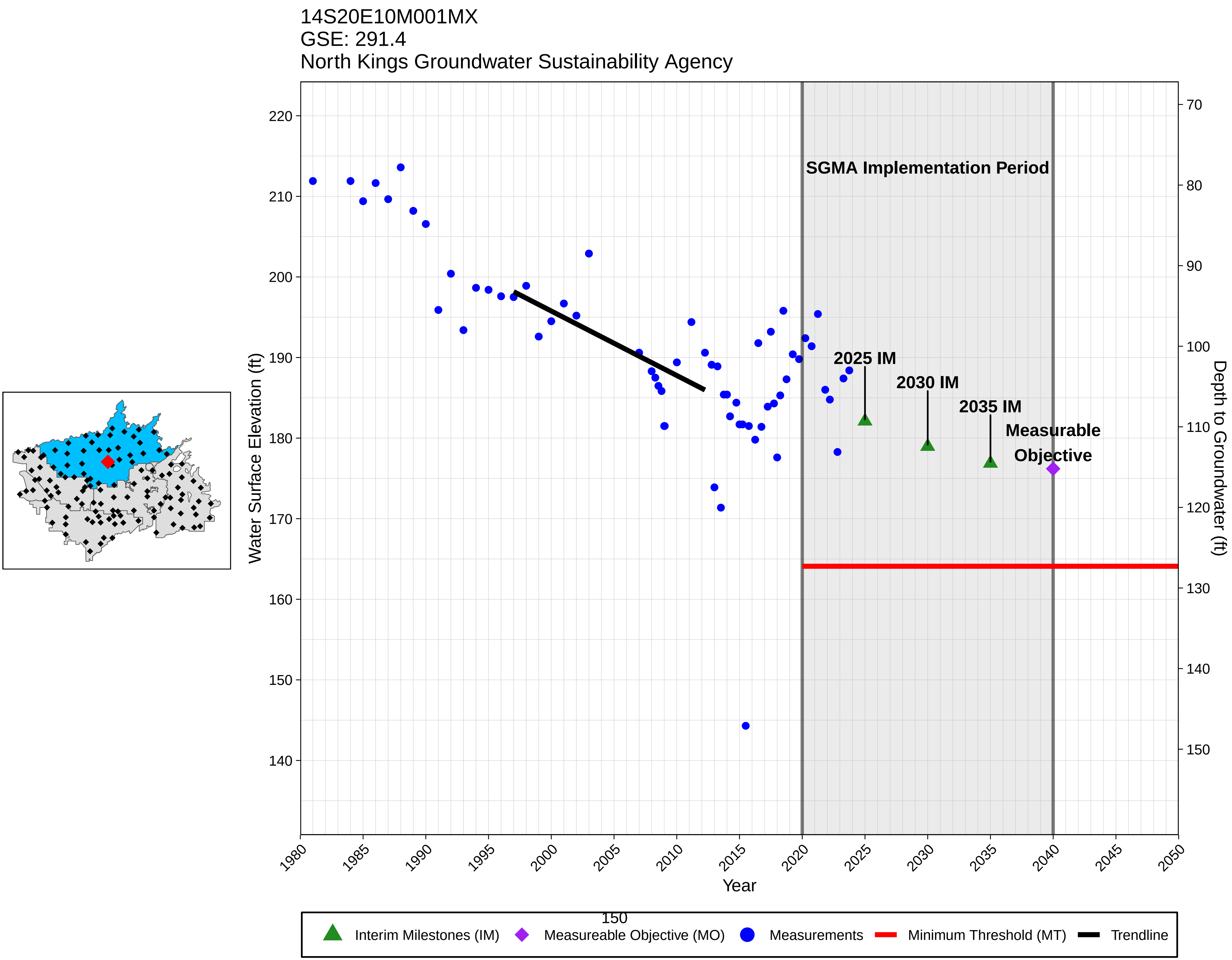


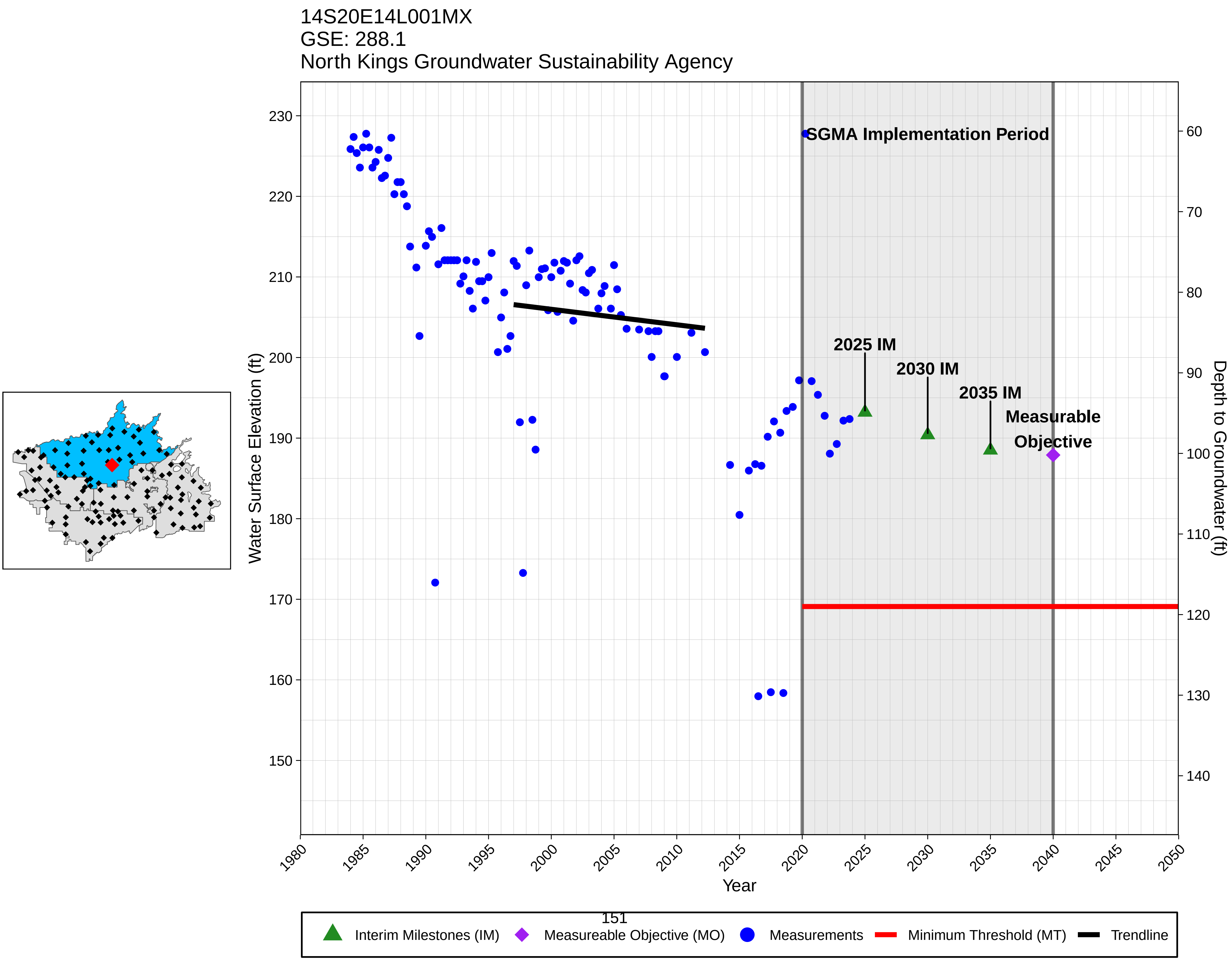


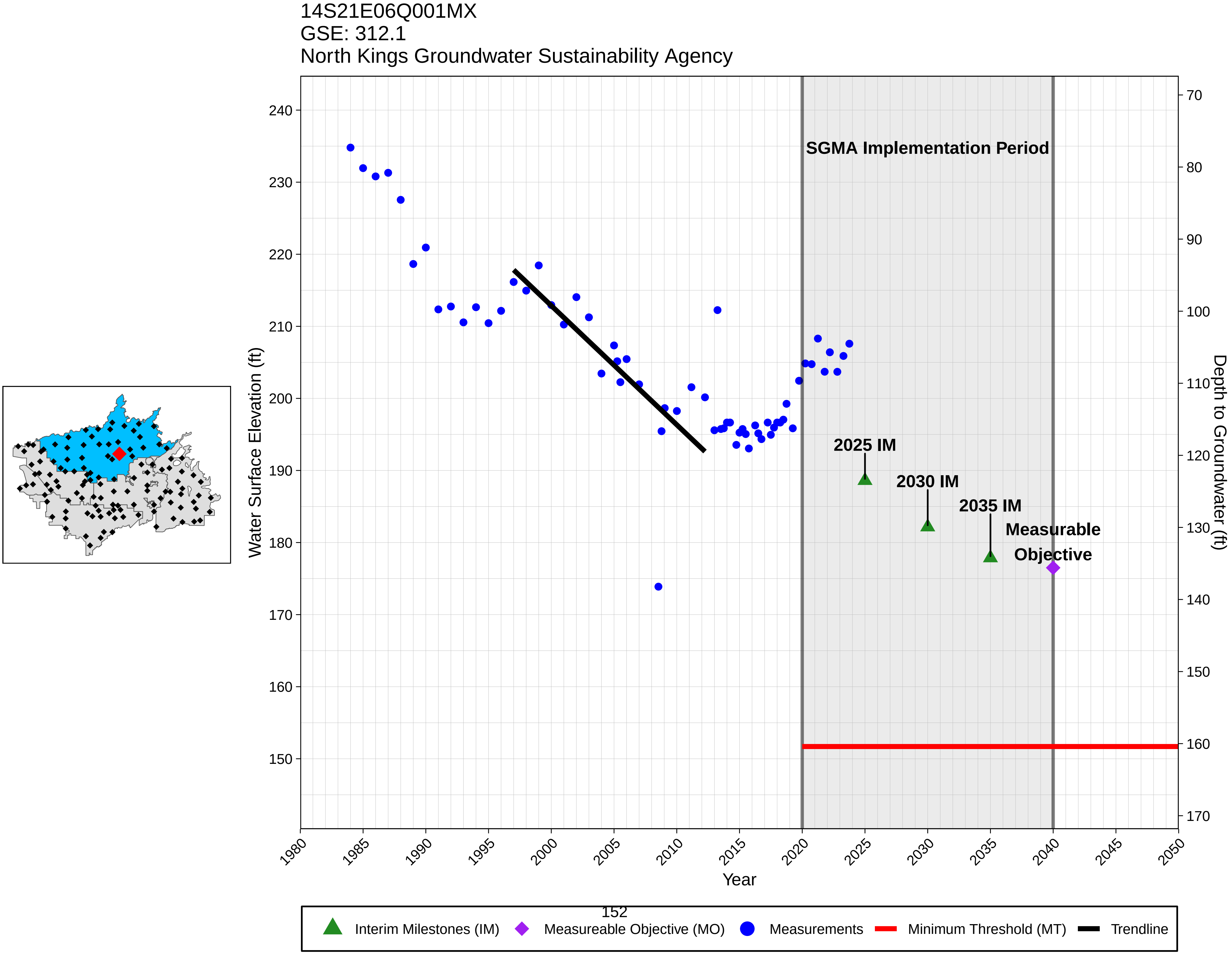
14S19E17C001MX
GSE: 252.4
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

14S19E33D001MX
GSE: 242
North Kings Groundwater Sustainability Agency

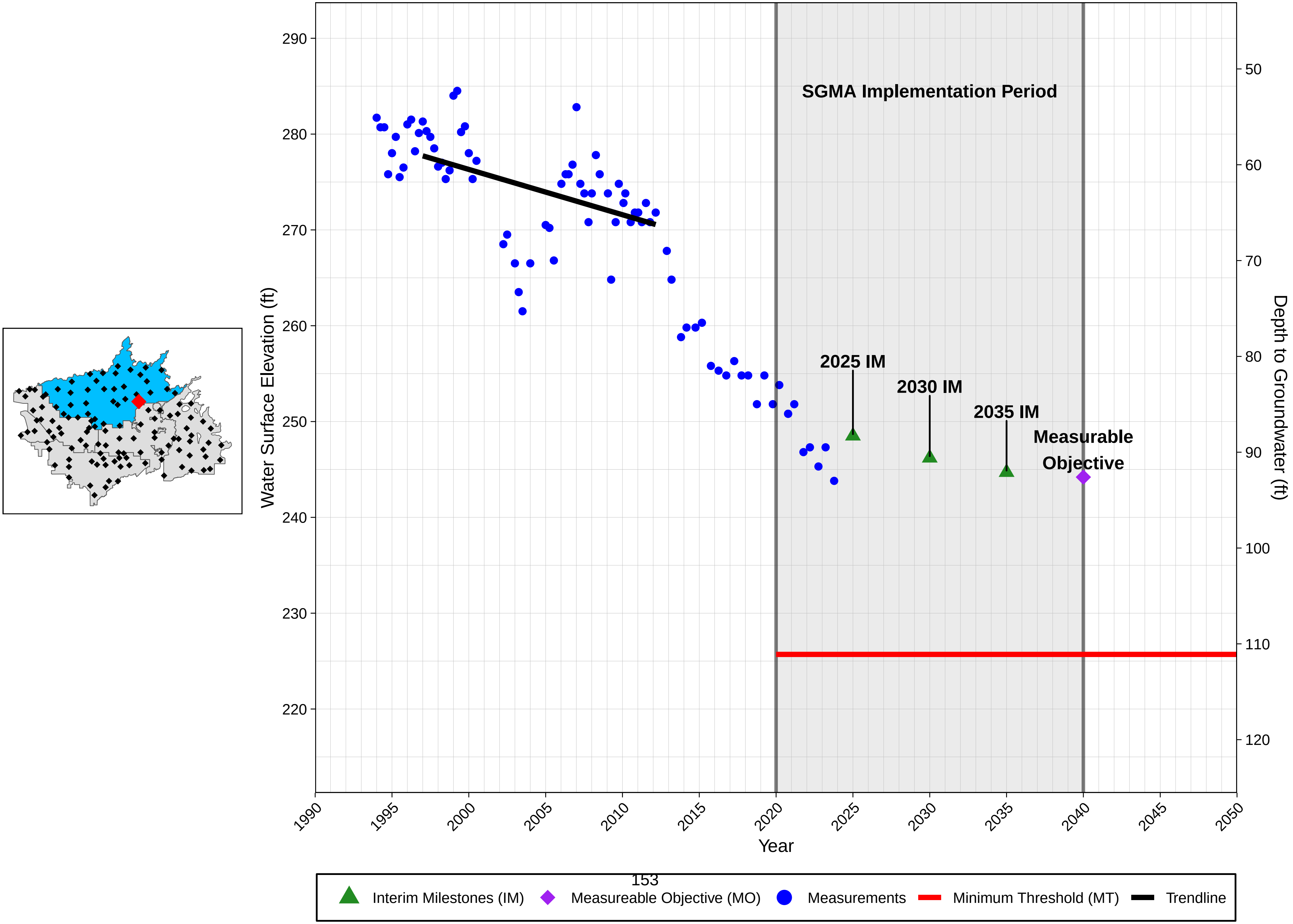



14S20E10M001MX
GSE: 291.4
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

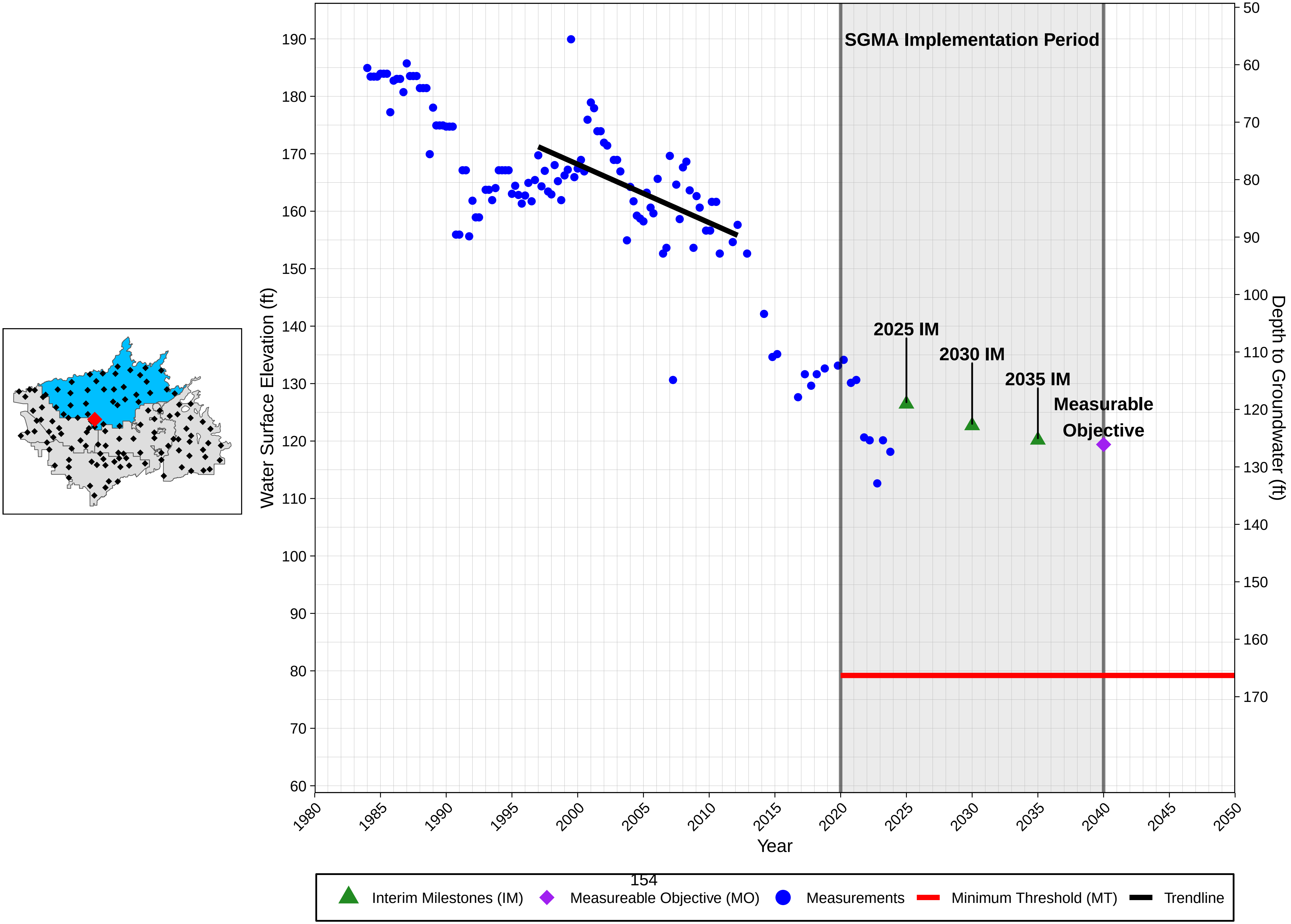

14S20E14L001MX
GSE: 288.1
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline


14S21E06Q001MX
GSE: 312.1
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

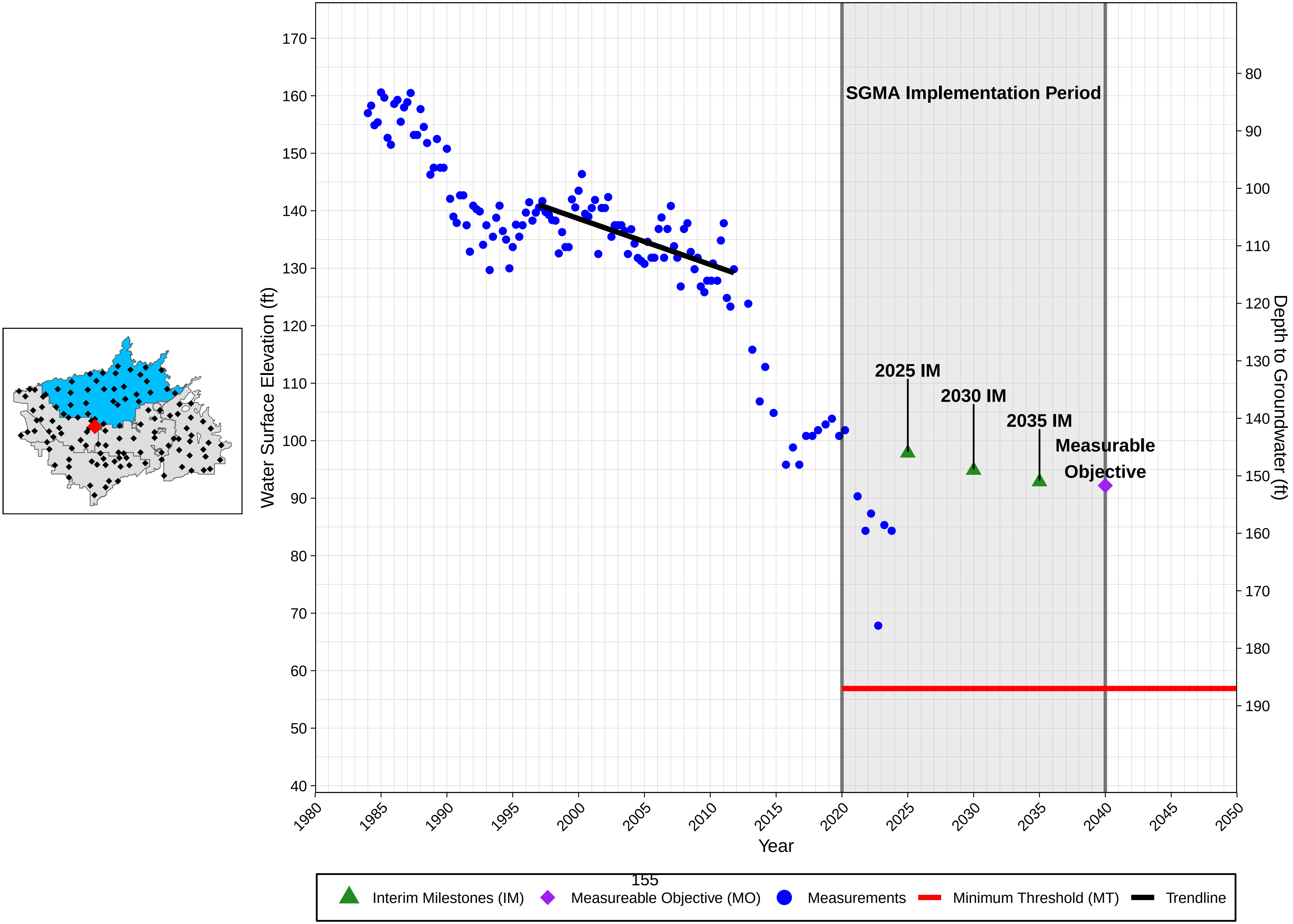
14S21E11L001MX
GSE: 336.8
North Kings Groundwater Sustainability Agency

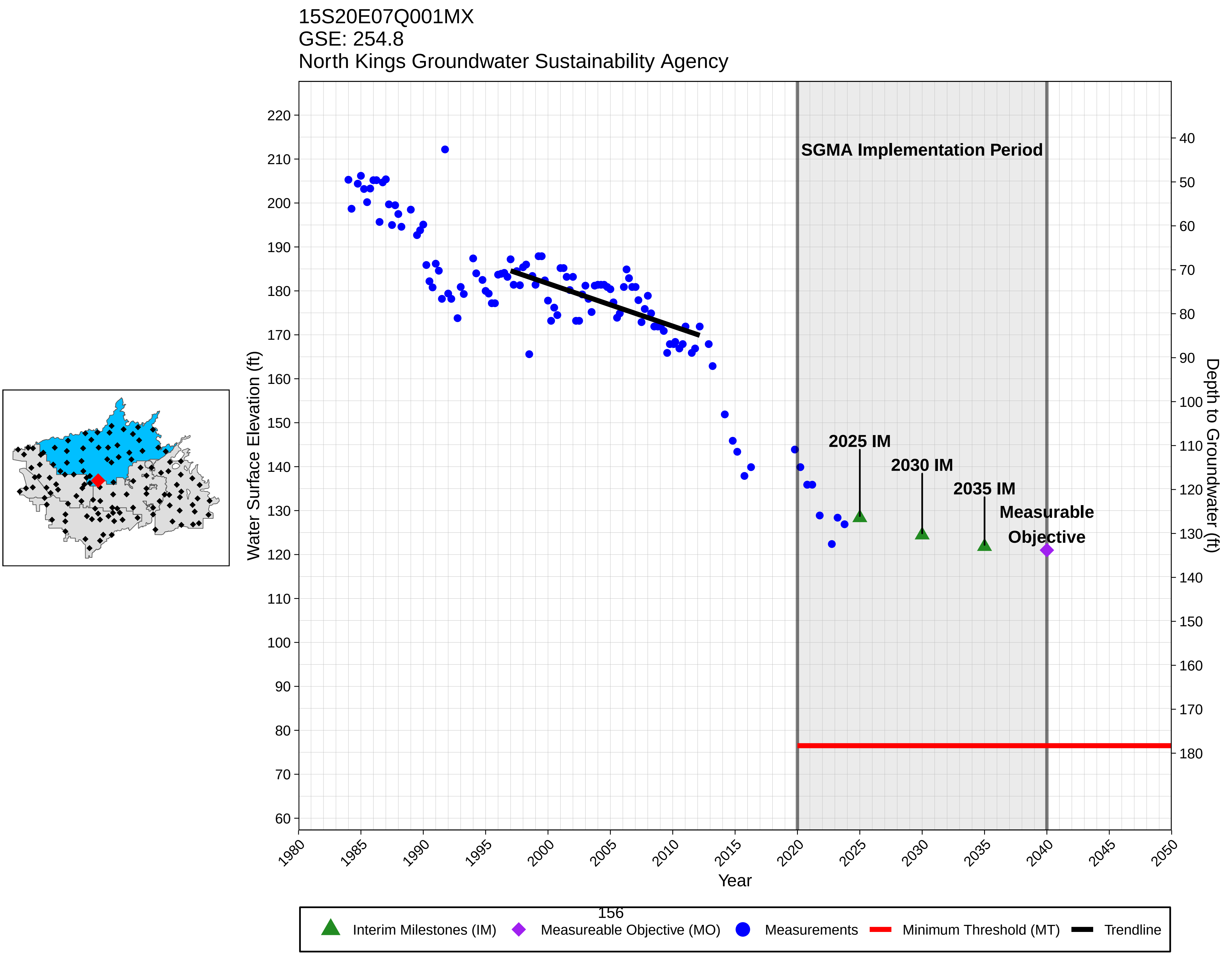


15S19E02M001MX
GSE: 245.5
North Kings Groundwater Sustainability Agency

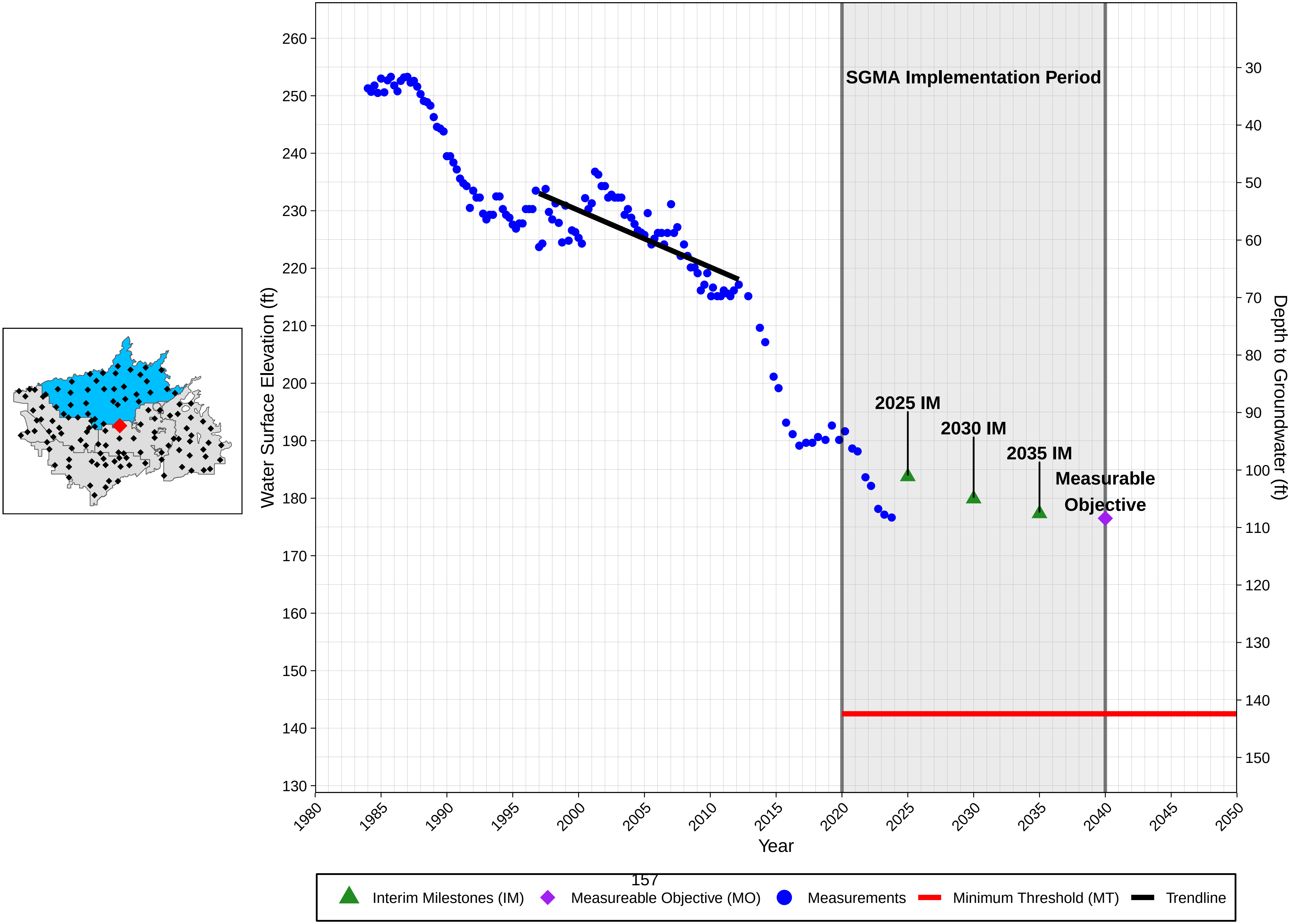


15S19E14M001MX
GSE: 243.9
North Kings Groundwater Sustainability Agency

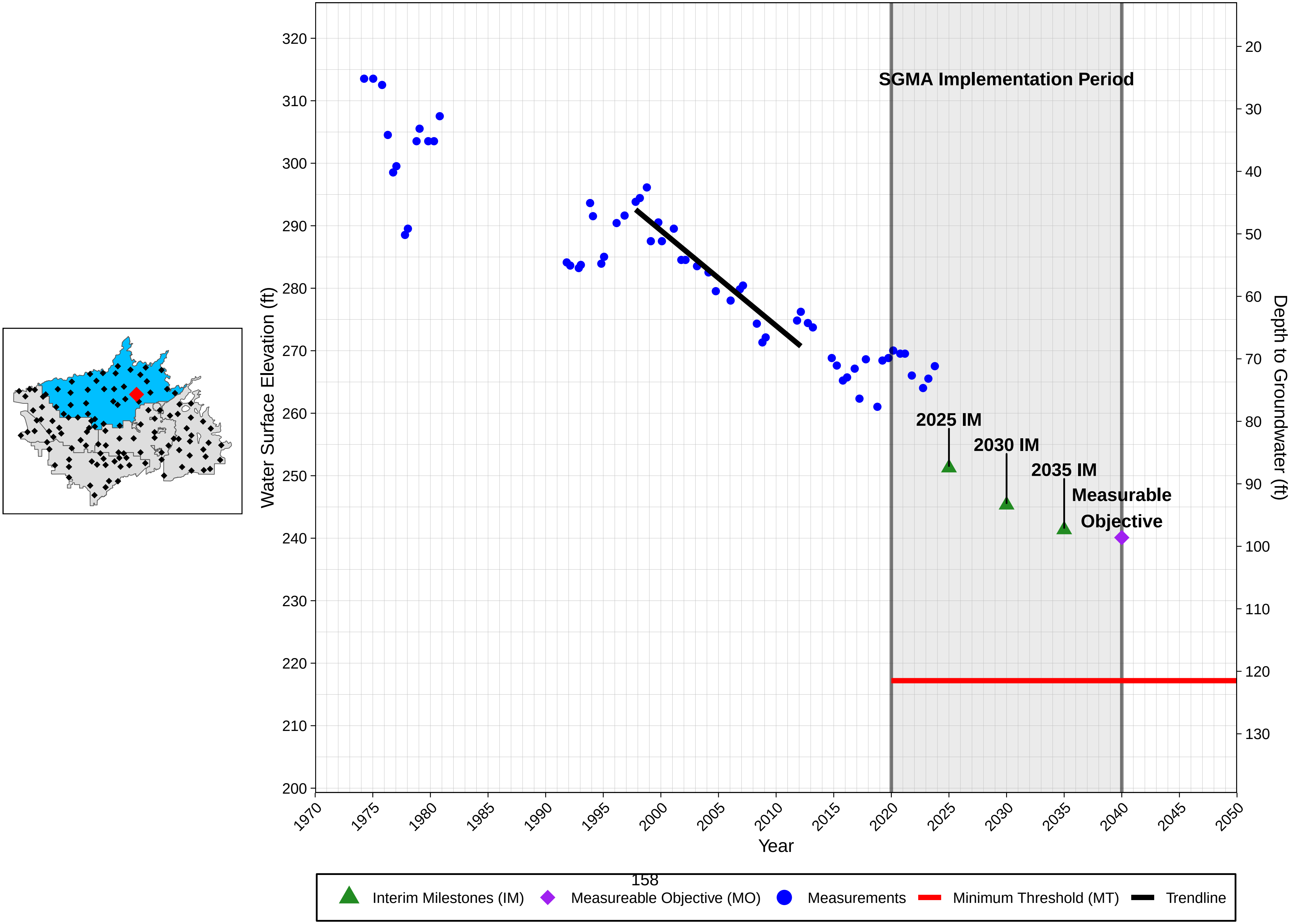



15S20E07Q001MX
GSE: 254.8
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

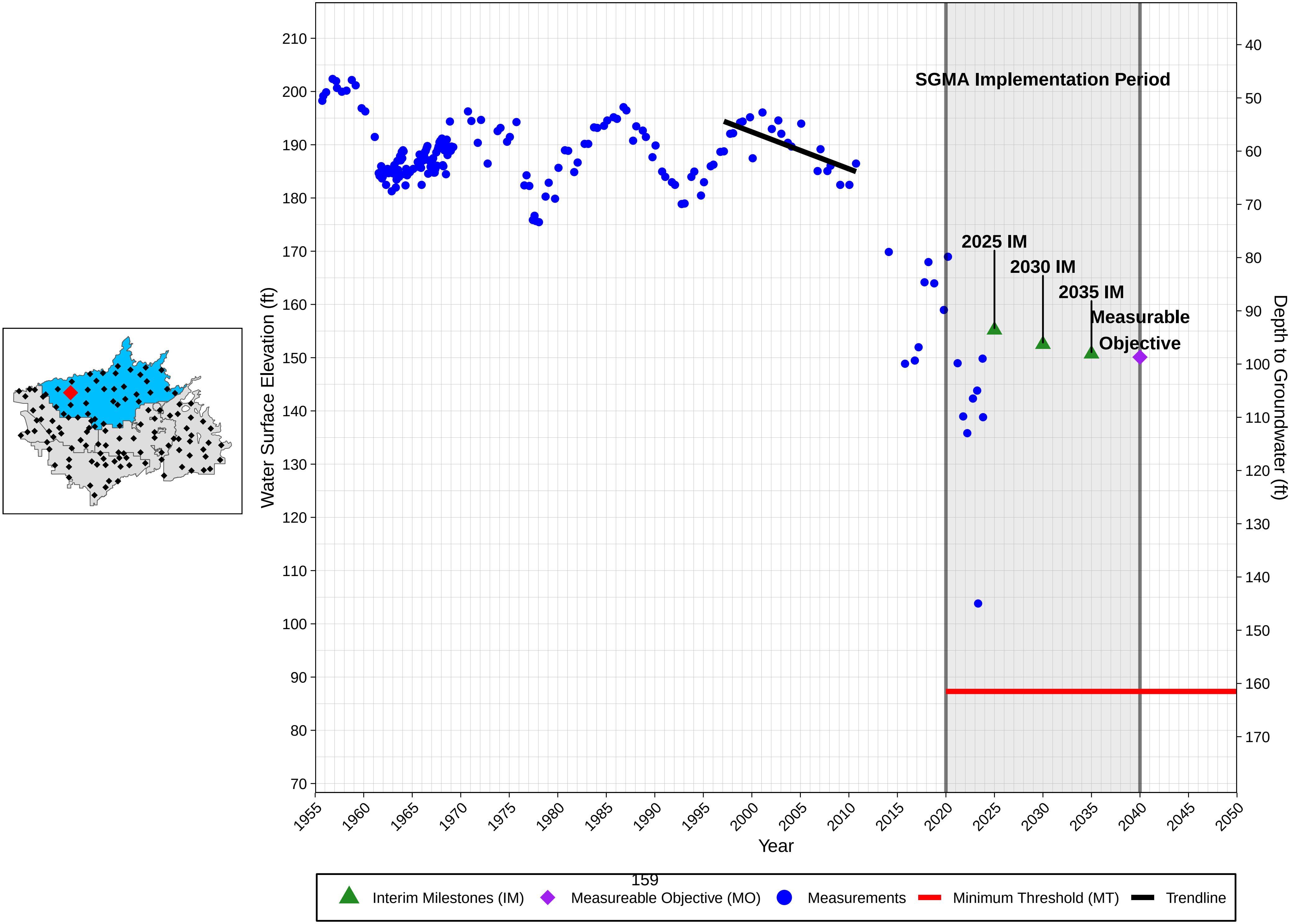
15S20E13E001MX
GSE: 284.9
North Kings Groundwater Sustainability Agency



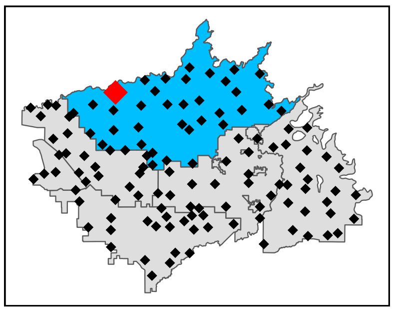
367556N1196666W001
GSE: 338.7
North Kings Groundwater Sustainability Agency

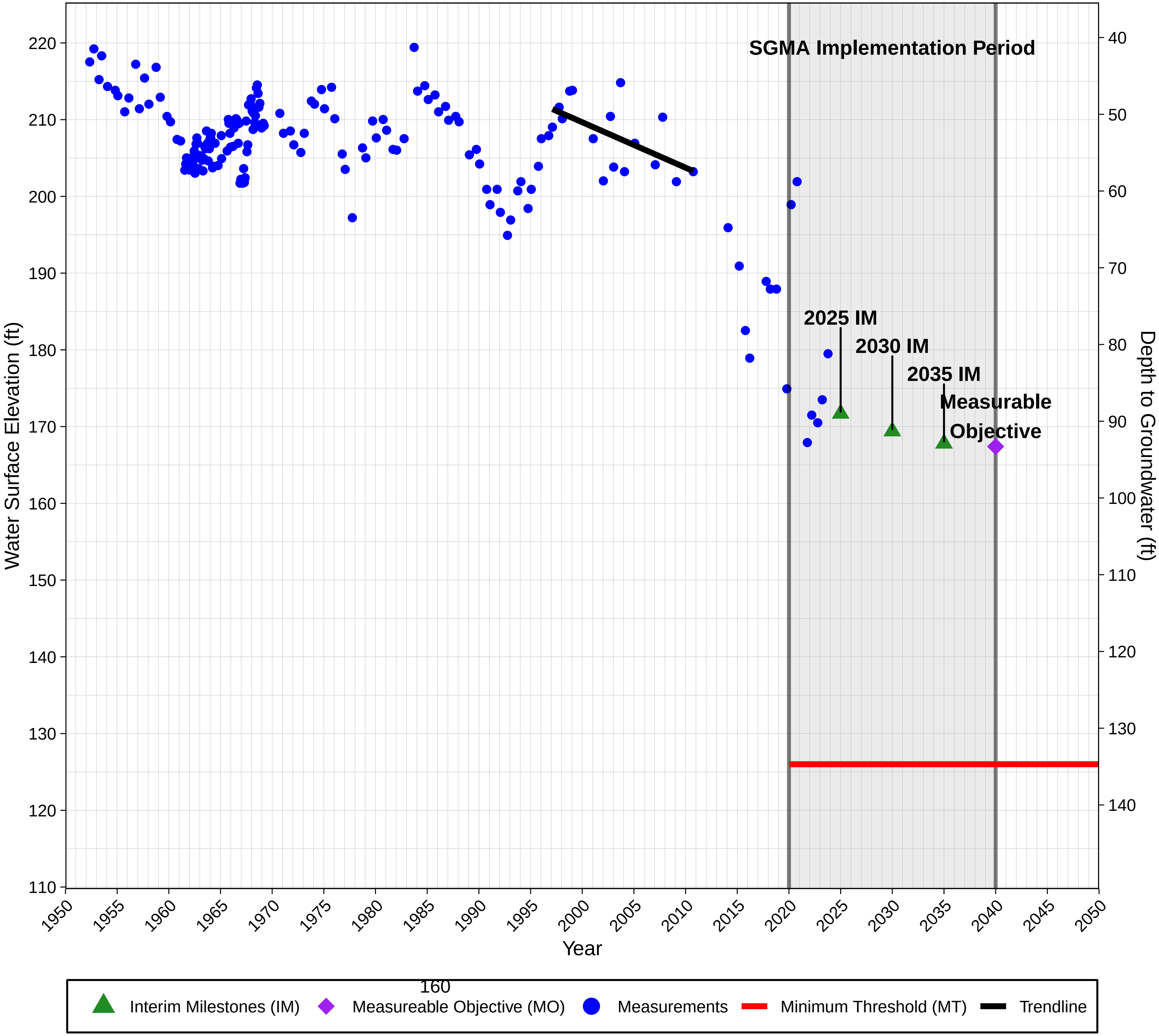


367638N1200057W001
GSE: 248.8
North Kings Groundwater Sustainability Agency

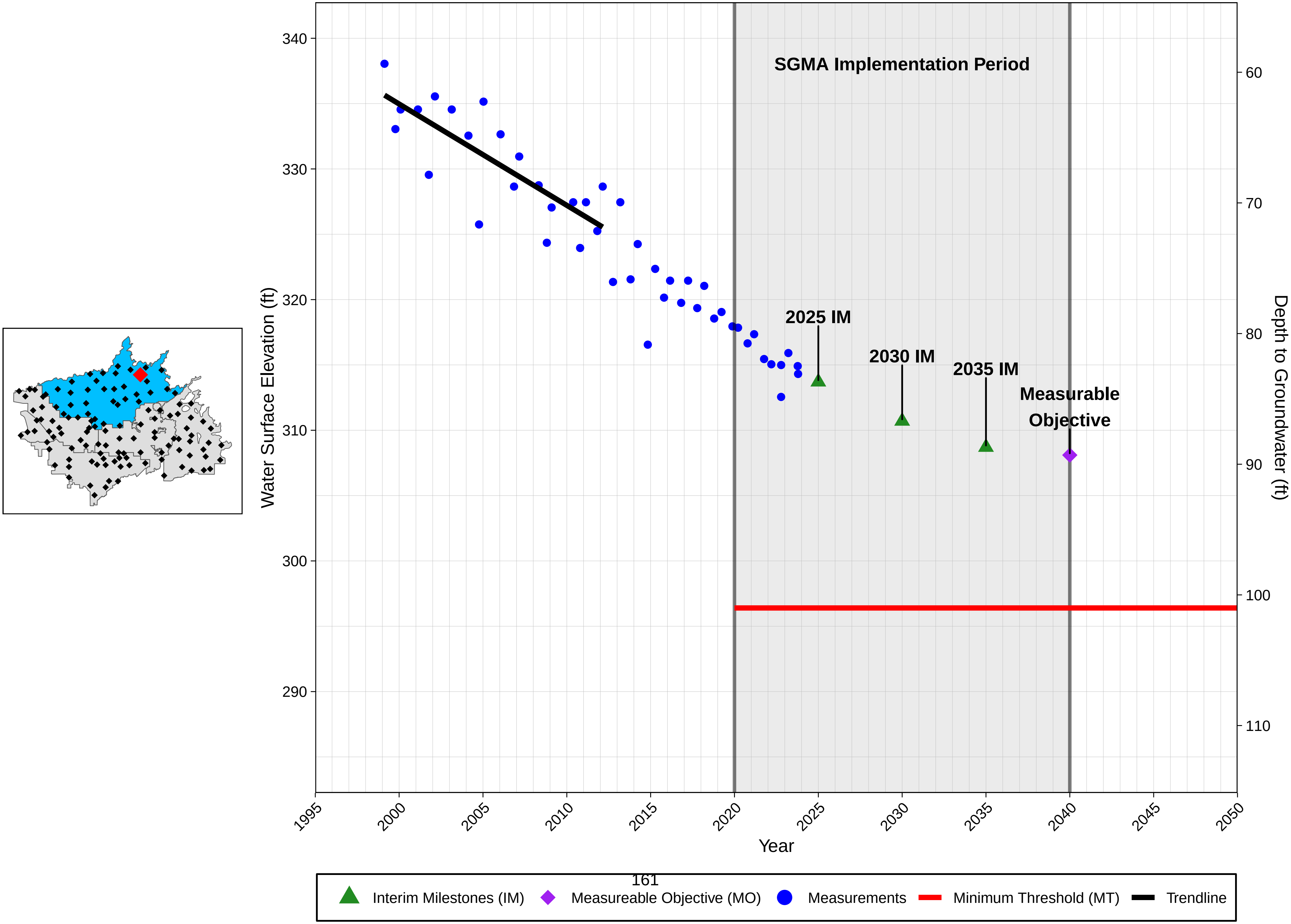


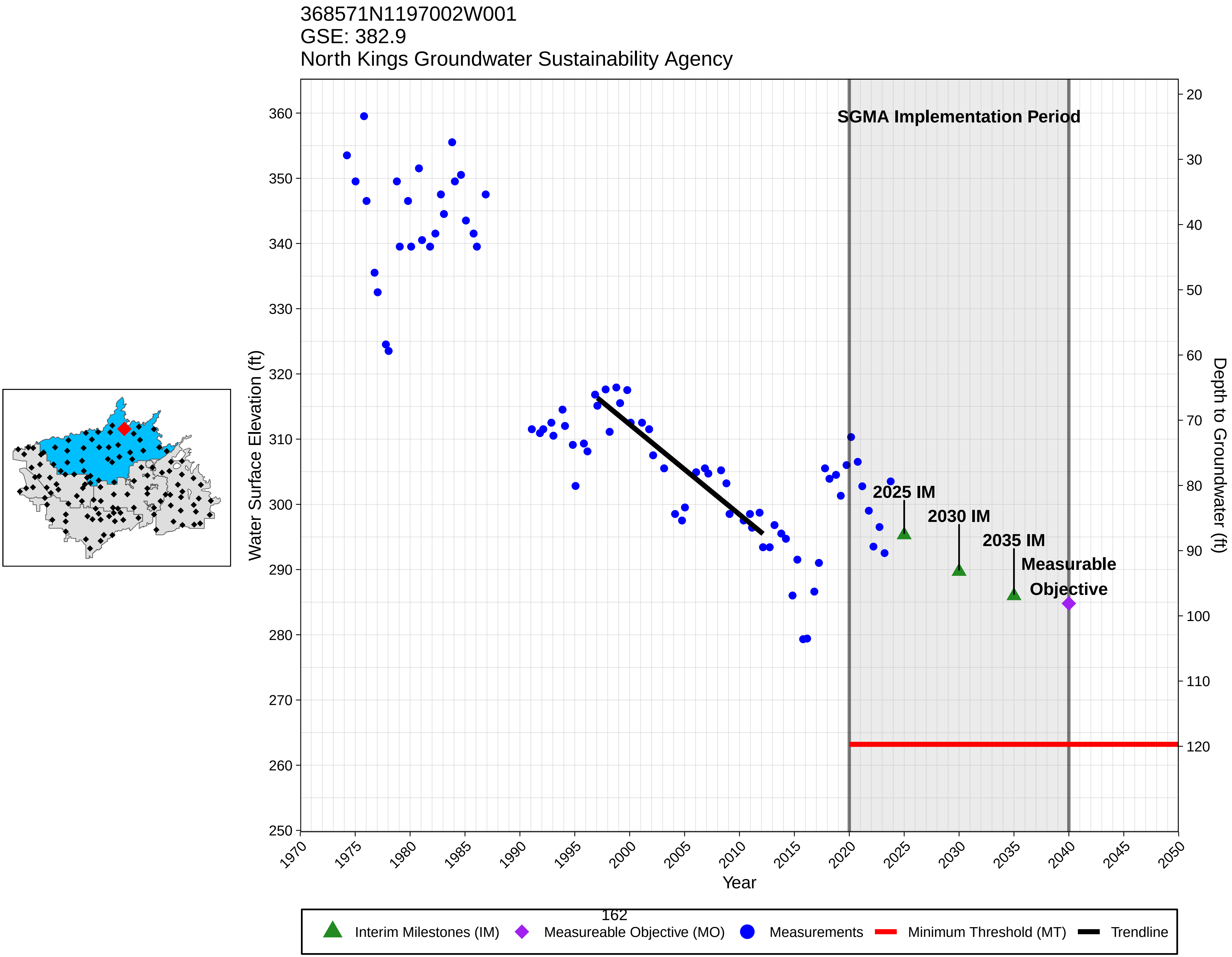
368093N1199988W001
GSE: 260.7
North Kings Groundwater Sustainability Agency



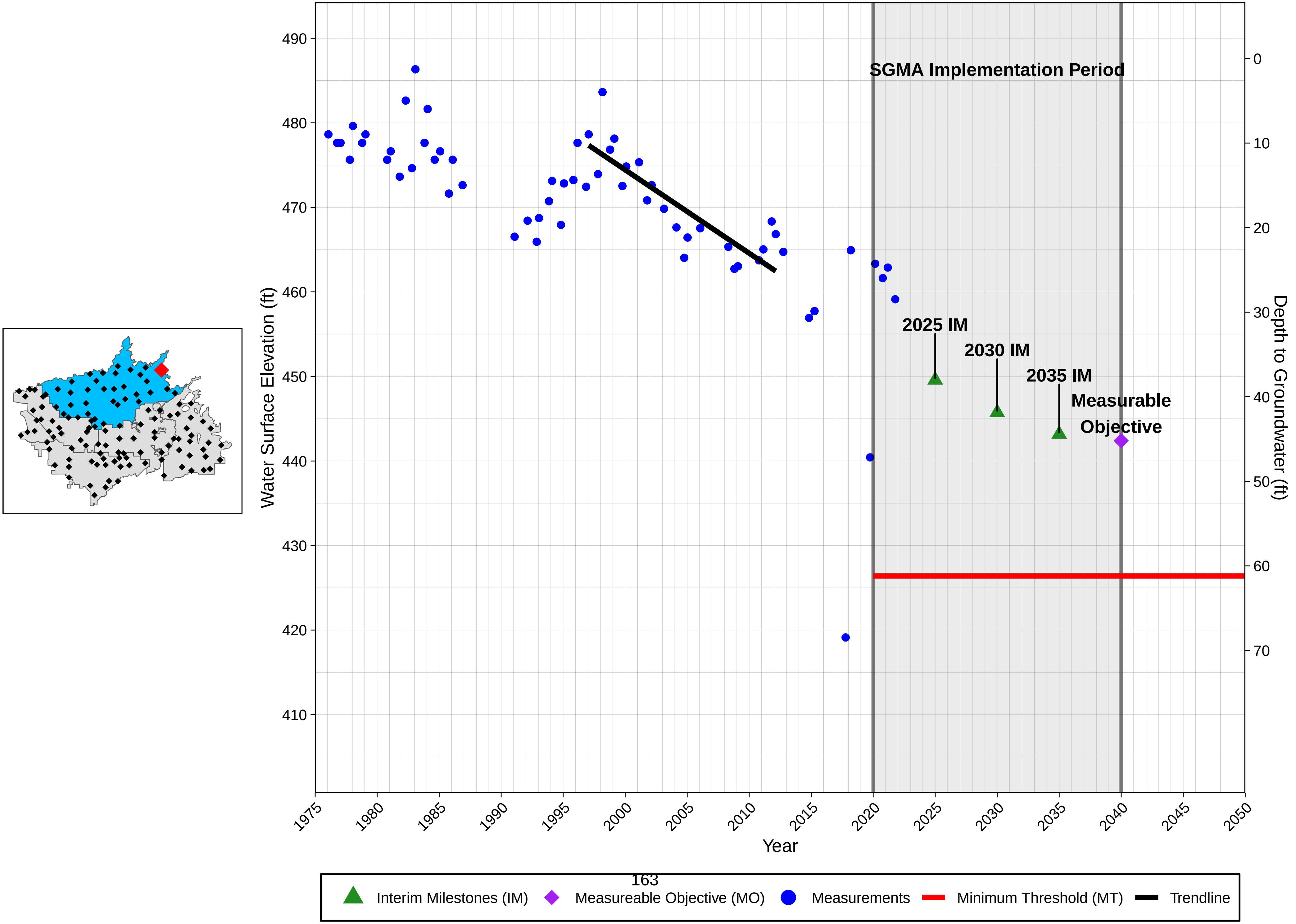


368377N1196479W001
GSE: 397.4
North Kings Groundwater Sustainability Agency

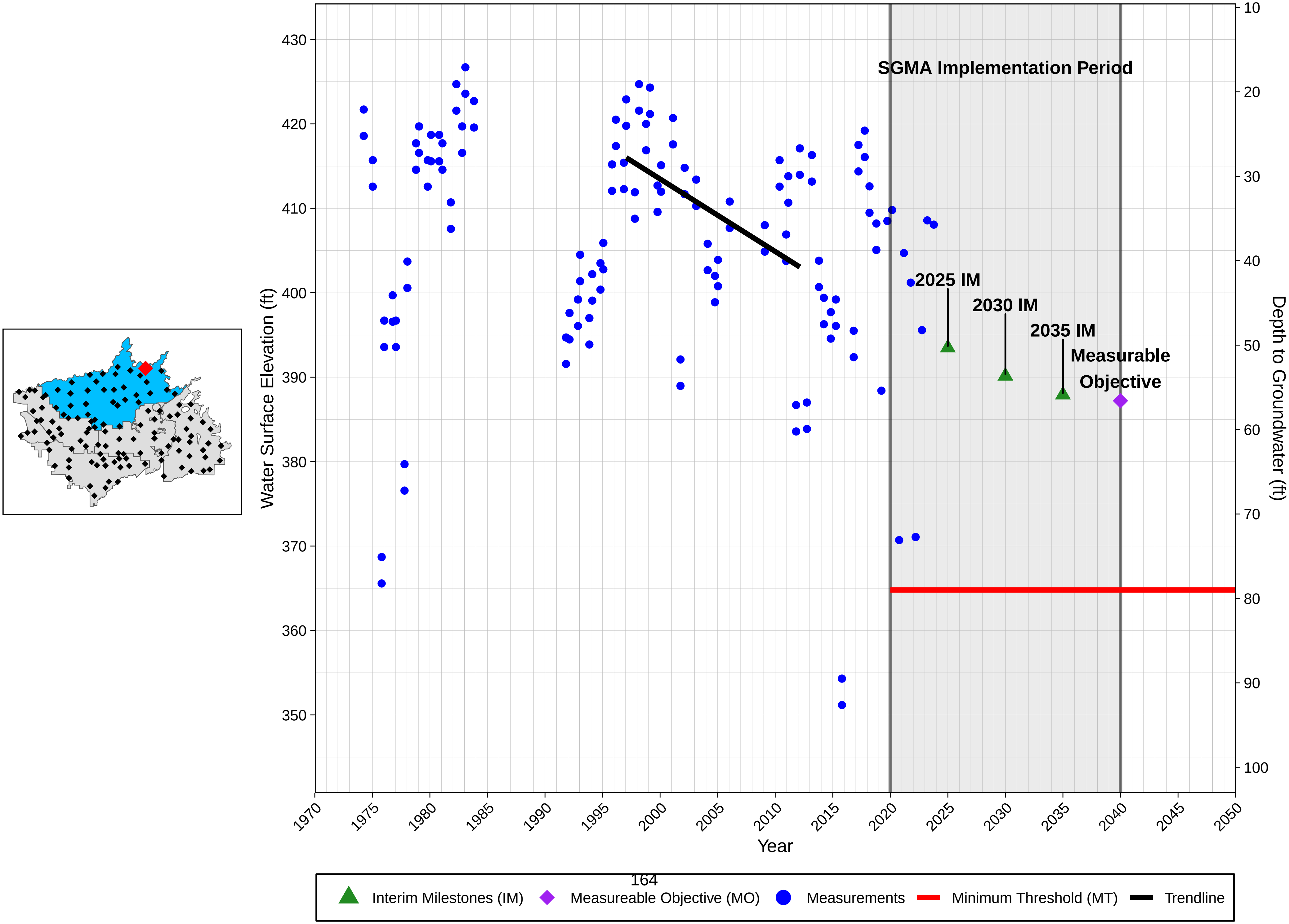


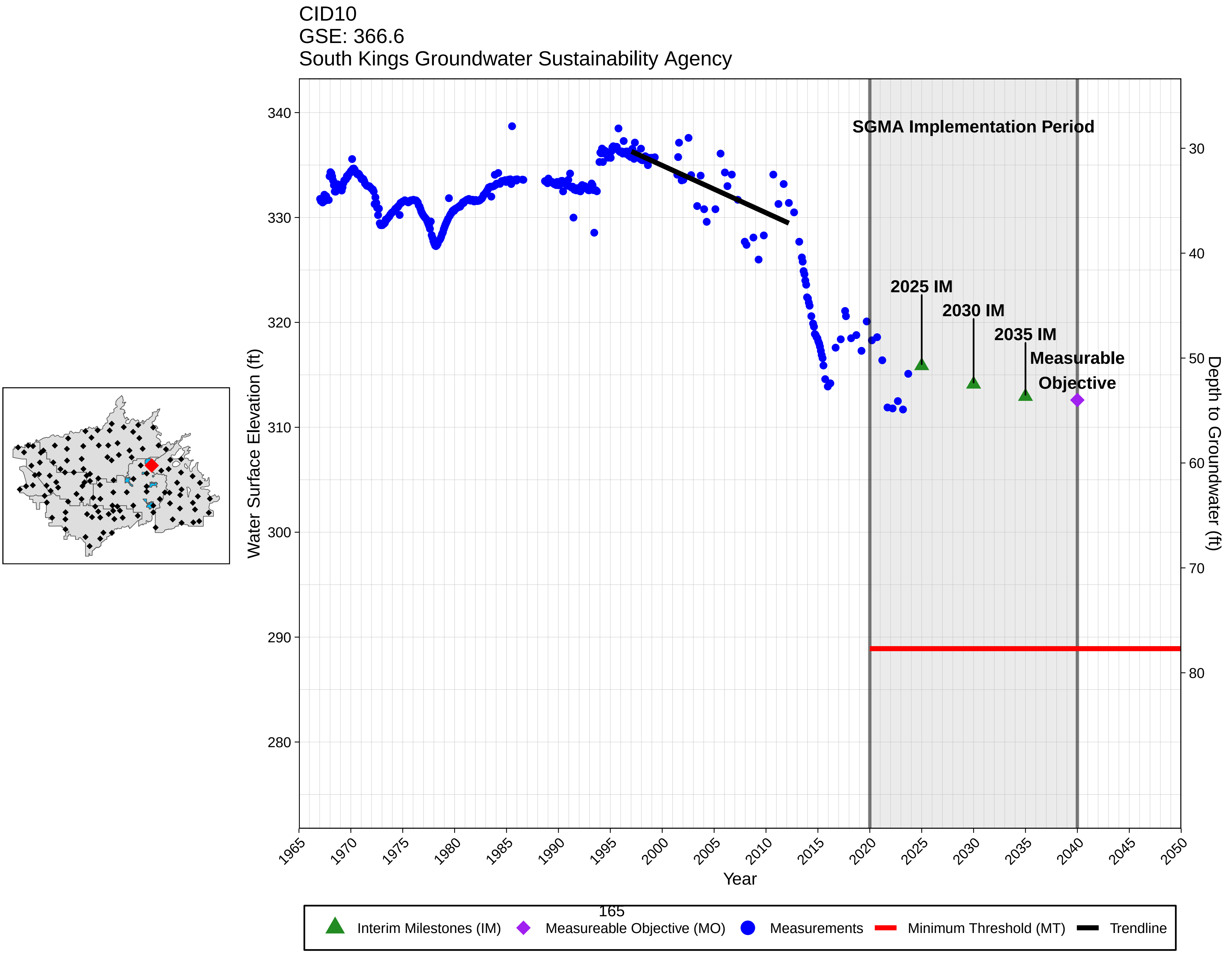

368571N1197002W001
GSE: 382.9
North Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

368572N1195413W001
GSE: 487.6
North Kings Groundwater Sustainability Agency

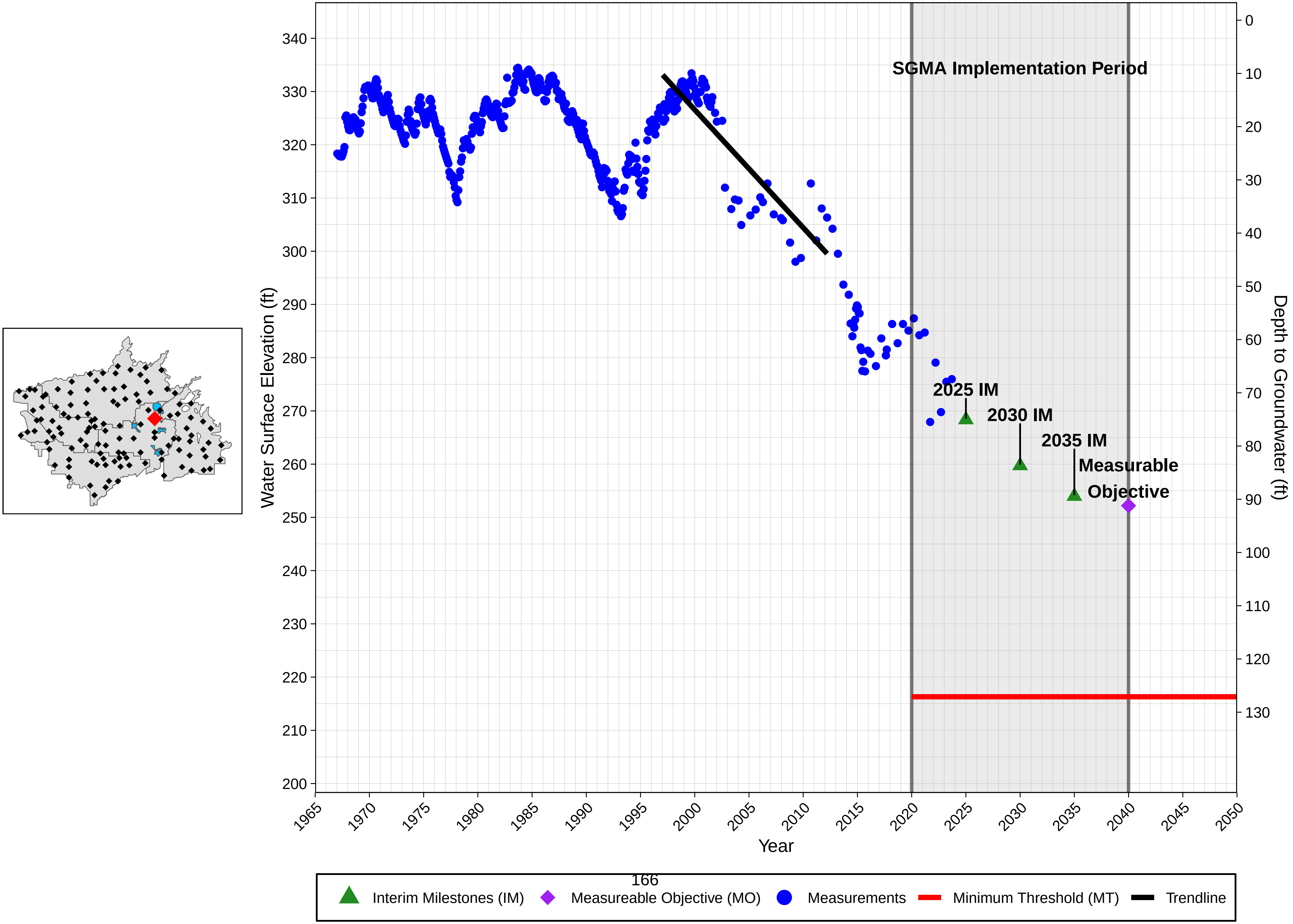


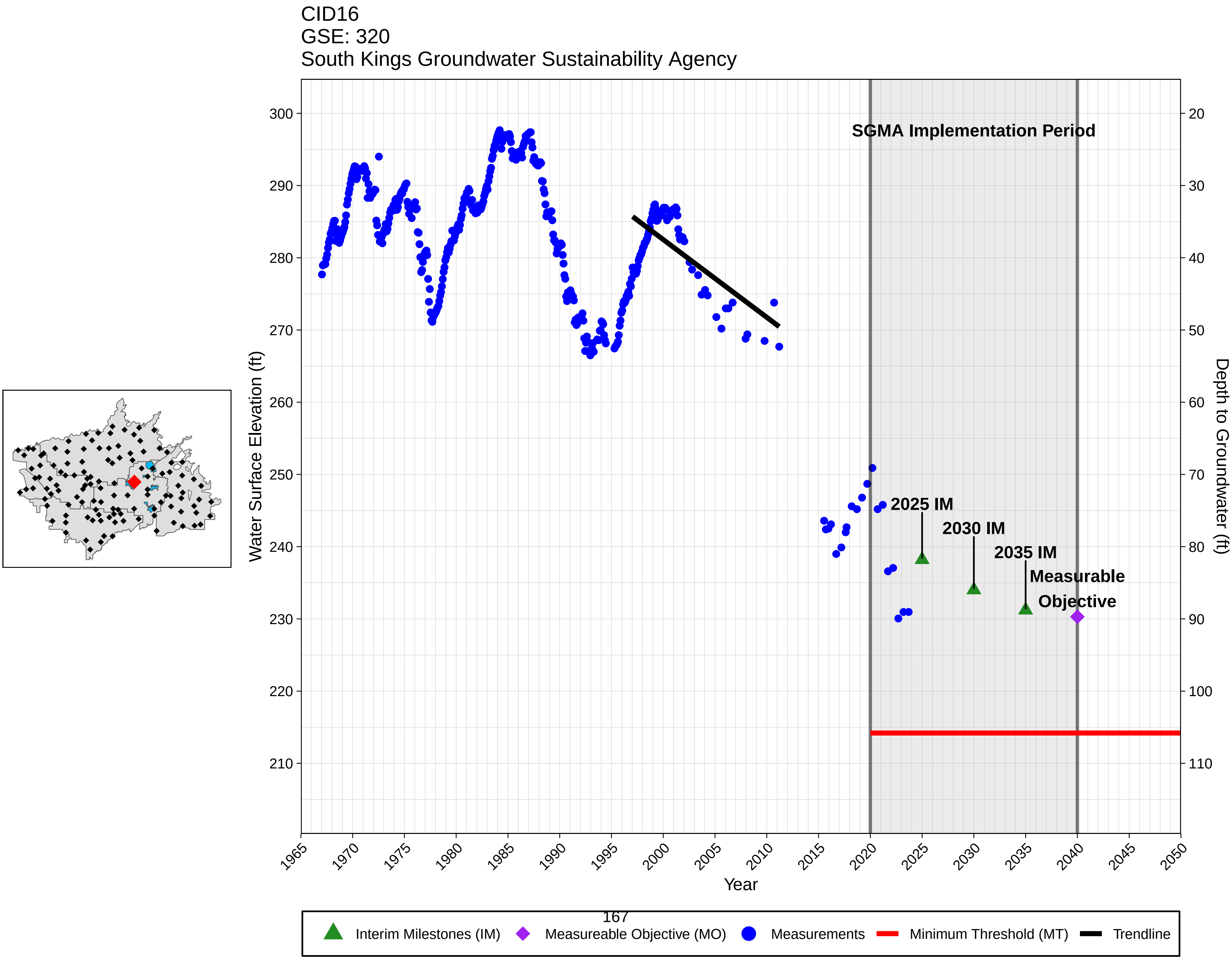
368683N1196185W001
GSE: 443.8
North Kings Groundwater Sustainability Agency




CID10
GSE: 366.6
South Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

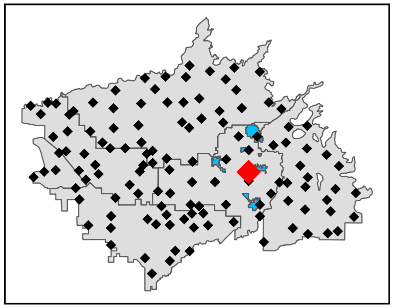
CID12
GSE: 343.4
South Kings Groundwater Sustainability Agency

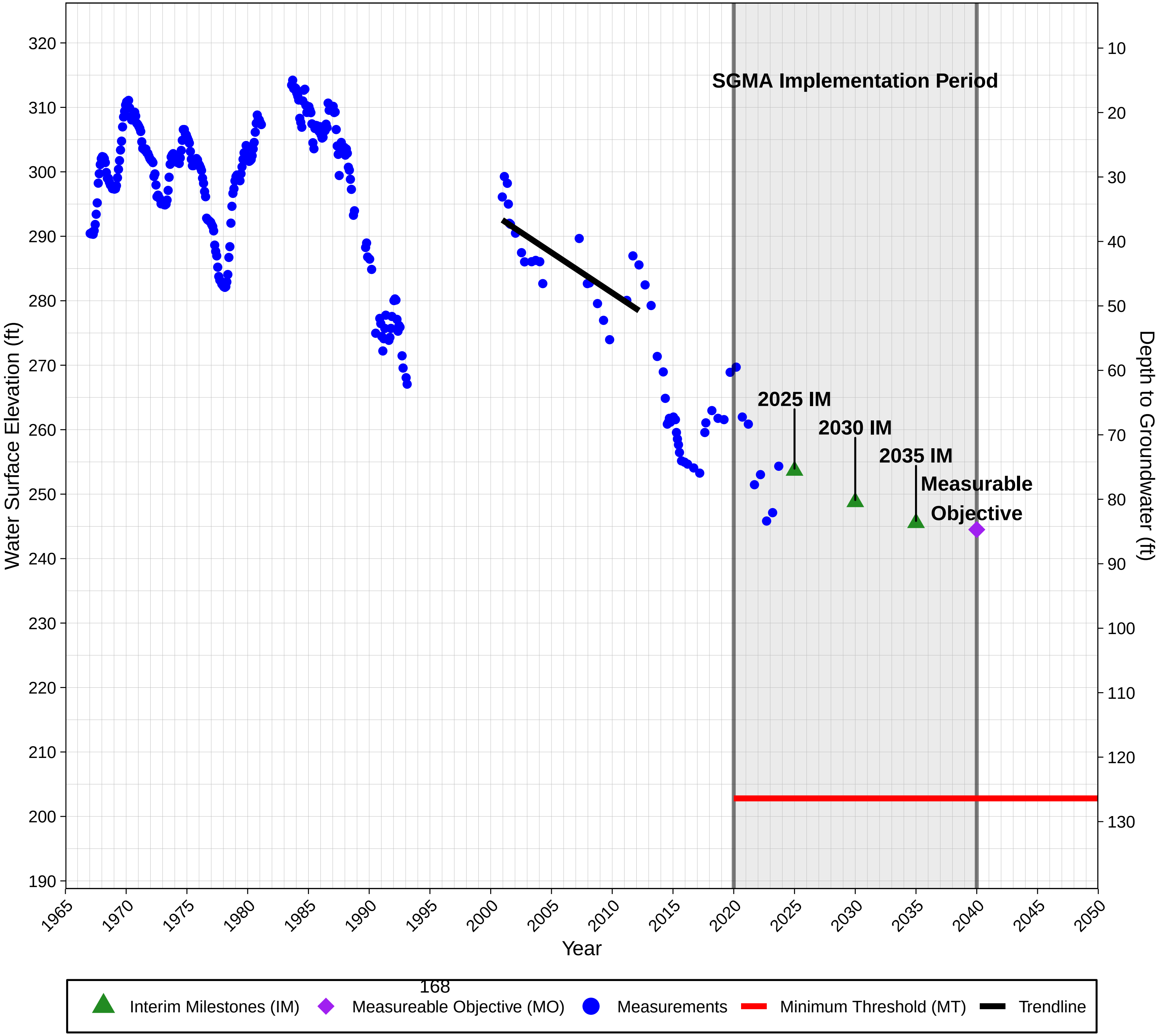


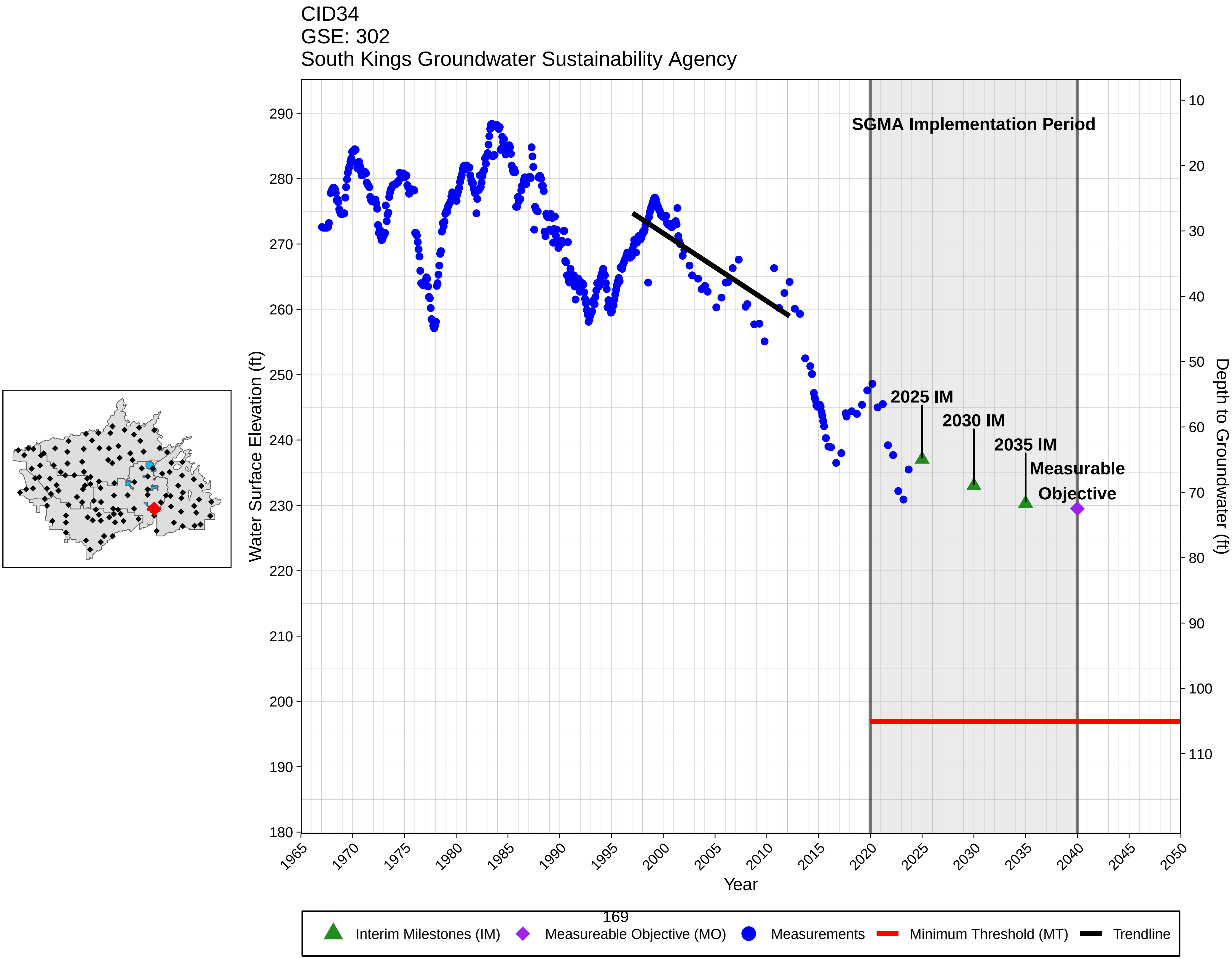


CID16
GSE: 320
South Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

CID25
GSE: 329.2
South Kings Groundwater Sustainability Agency

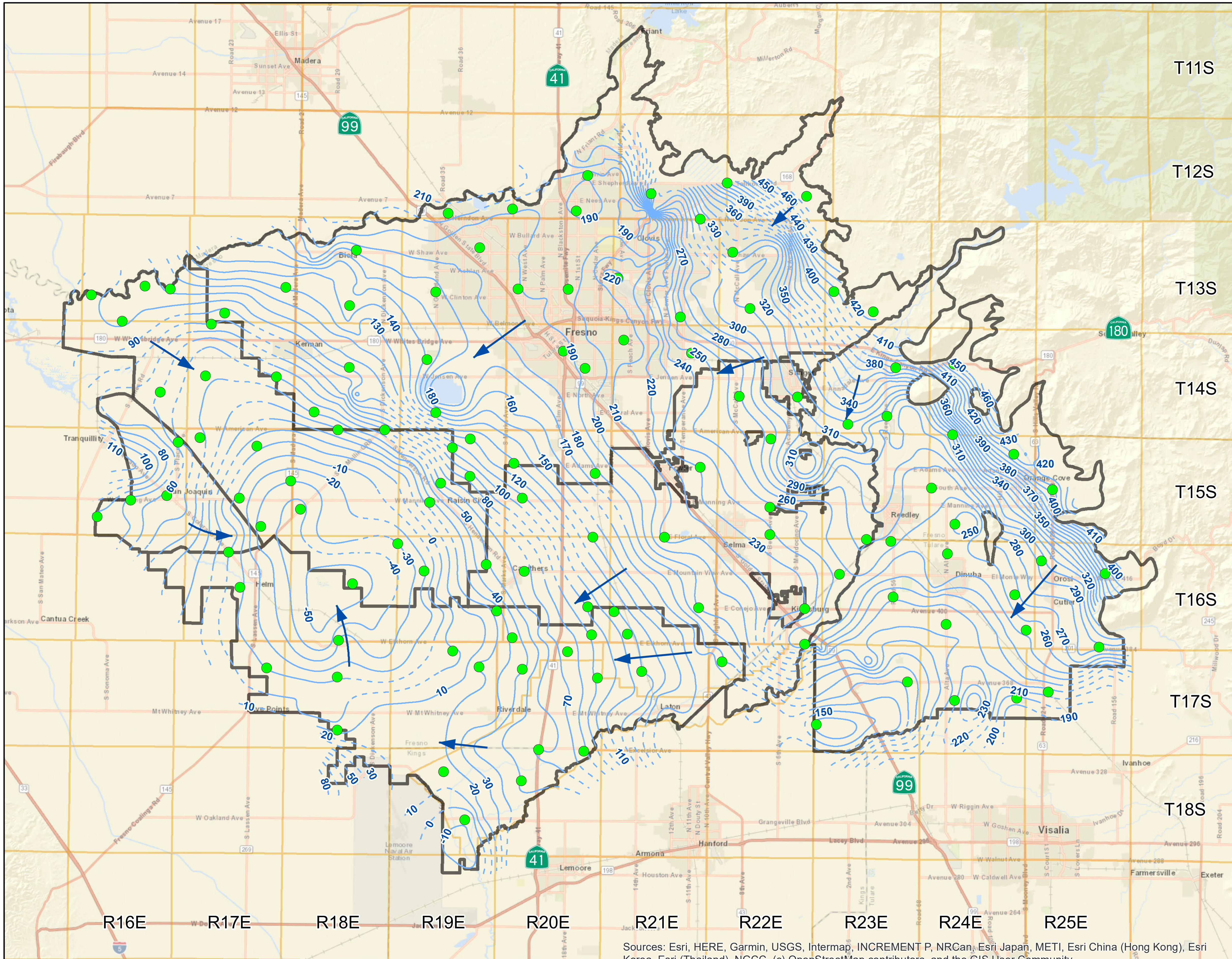





CID34
GSE: 302
South Kings Groundwater Sustainability Agency
SGMA Implementation Period
2025 IM
2030 IM
2035 IM
Measurable Objective
Water Surface Elevation (ft)
Depth to Groundwater (ft)
Year
Interim Milestones (IM)
Measureable Objective (MO)
Measurements
Minimum Threshold (MT)
Trendline

Appendix D – Groundwater Contour Maps – Water Surface Elevations

Figure 1 Spring 2023 WSE Contours
Figure 2 Fall 2023 WSE Contours



Kings Subbasin Coordinated Effort

Spring 2023
Groundwater Elevation Contours

- Kings Subbasin GSAs
- Township/Range
- Indicator Wells
- Generalized GW Flow Direction

Water Level Contours

- Line of Equal Elevation (10ft interval)*

**NOTES: Dashed lines represent inferred Line of Equal Elevation*

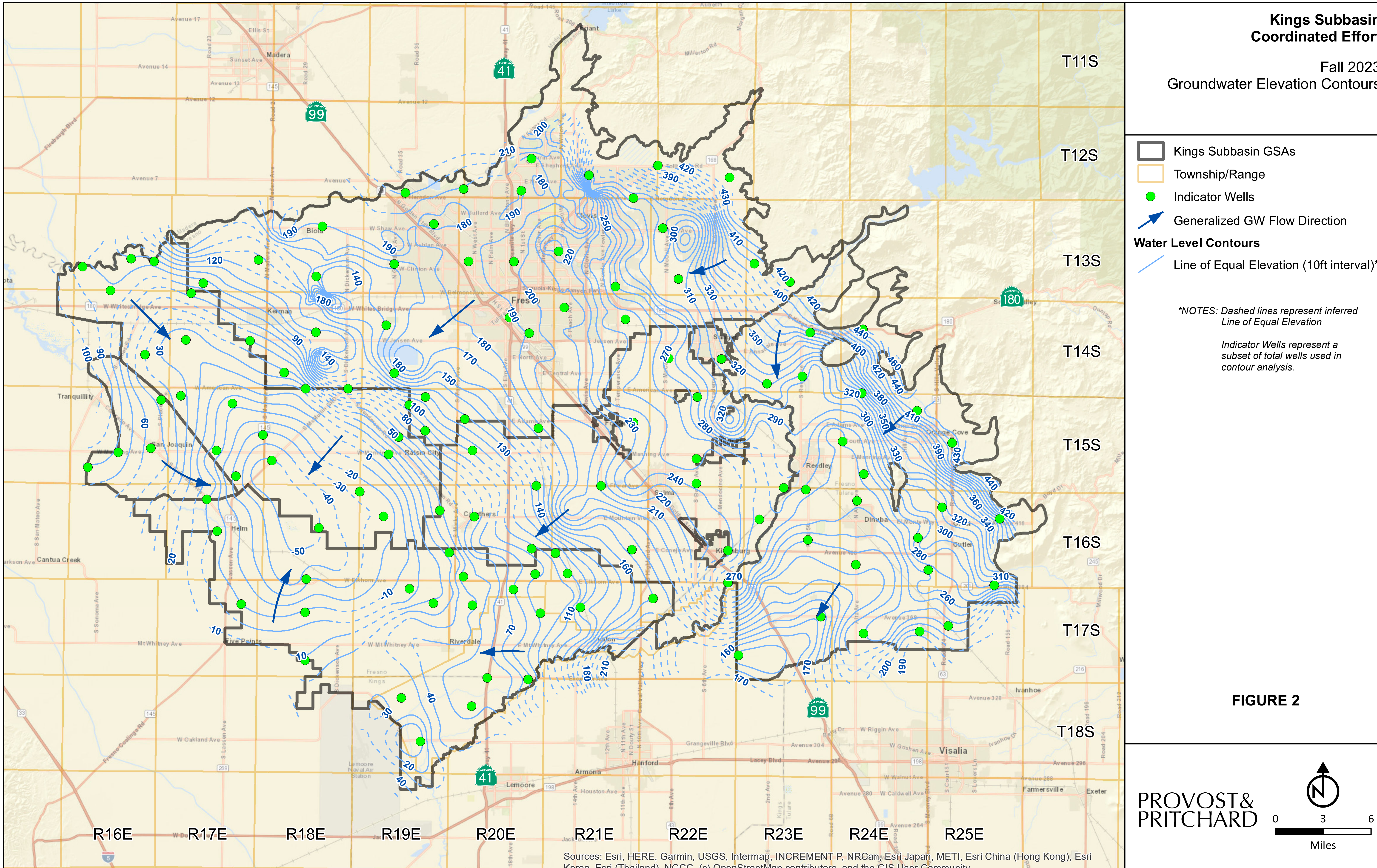
Indicator Wells represent a subset of total wells used in contour analysis.

FIGURE 1

PROVOST& PRITCHARD

0 3 6
Miles

3/13/2024 : G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\WSE\Final\Spring23_WSE_All_11x17.mxd



3/13/2024 : G:\Kings River East GSA-2664\Kings Basin Ongoing\400 GIS\Map\WY2023_AnnualReport\WSE\Final\Fall23_WSE_All_11x17.mxd

Appendix E – Water Quality Data and Minimum Threshold Values

Central Kings Groundwater Sustainability Agency

CKGSA Well 1000192-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
8/23/2023	-	-	-	-	-	-	ND	-	-
5/3/2023	-	-	-	-	-	-	ND	-	-
2/2/2023	-	-	-	-	-	-	0.0061	-	-
1/11/2023	-	-	-	2	ND	ND	-	-	-
12/14/2022	-	-	-	1.7	-	-	-	-	-
2015-2021 Groundwater Quality Data									
10/22/2021	0.0017	-	-	2.2	-	-	ND	-	-
10/9/2020	-	-	-	1.9	-	-	-	-	-
1/3/2020	-	-	-	-	-	-	ND	-	-
10/11/2019	-	-	-	1.6	-	-	-	-	-
1/11/2019	-	-	-	-	-	-	ND	-	-
10/23/2018	0.0024	-	-	1.5	-	-	ND	-	-
7/20/2018	-	-	-	-	-	-	0.006	-	-
4/13/2018	-	-	-	-	-	-	0.006	-	-
3/2/2018	-	-	-	-	-	-	0.005	-	-
4/21/2017	-	-	-	1.6	-	-	-	-	-
10/7/2016	-	-	-	-	ND	ND	-	-	-
4/15/2016	-	-	-	1.4	-	-	-	-	-
10/12/2015	0.0024	-	-	1.9	-	-	-	-	-
2/24/2015	0.002	-	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.0072**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000194-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
7/19/2023	-	-	-	1.2	-	-	-	-	-
4/20/2023	-	-	-	-	ND	ND	-	-	-
2015-2021 Groundwater Quality Data									
8/10/2021	-	-	-	-	-	-	ND	-	-
7/19/2021	-	-	-	1	-	-	-	-	-
4/12/2021	0.004	-	-	1.2	-	-	-	-	-
7/28/2020	-	-	-	1.1	-	-	-	-	-
7/30/2019	-	-	-	1.1	-	-	-	-	-
11/6/2018	-	-	-	-	-	-	ND	-	-
8/6/2018	-	-	-	-	-	-	ND	-	-
5/8/2018	-	-	-	-	-	-	ND	-	-
4/11/2018	0.0041	-	-	0.6	-	-	-	-	-
2/13/2018	-	-	-	-	-	-	ND	-	-
7/25/2017	-	-	-	1	-	-	-	-	-
4/11/2017	-	-	-	-	ND	ND	-	-	-
7/18/2016	-	-	-	0.9	-	-	-	-	-
4/14/2015	0.0047	-	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000196-012

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
8/30/2023	-	-	-	-	-	-	0.061	-	-
6/15/2023	-	-	-	6.9	-	-	0.058	-	-
2/27/2023	-	-	-	-	-	-	0.076	-	-
11/15/2022	-	-	-	-	-	-	0.077	-	-
2015-2021 Groundwater Quality Data									
11/30/2021	-	-	-	-	-	-	0.093	-	-
8/26/2021	-	-	-	-	-	-	0.1	-	-
6/22/2021	ND	-	-	6.2	-	-	-	-	-
5/10/2021	-	-	-	-	-	-	0.11	-	-
2/12/2021	-	-	-	-	-	-	0.11	-	-
11/23/2020	-	-	-	-	-	-	0.1	-	-
8/11/2020	-	-	-	-	-	-	0.11	-	-
7/7/2020	-	-	-	5.6	-	-	-	-	-
5/14/2020	-	-	-	-	-	-	0.11	-	-
2/13/2020	-	-	-	-	-	-	0.13	-	-
12/11/2019	-	-	-	-	-	-	-	4.6	-
11/8/2019	-	-	-	-	-	-	0.12	-	-
8/20/2019	-	-	-	-	-	-	0.11	-	-
7/12/2019	-	-	-	5.4	-	-	-	-	-
5/15/2019	-	-	-	-	-	-	0.11	-	-
2/7/2019	-	-	-	-	-	-	0.12	-	-
11/16/2018	-	-	-	-	-	-	0.11	-	-
8/24/2018	-	-	-	-	-	-	0.12	-	-
6/18/2018	0.002	-	-	5.2	-	-	-	-	-
5/15/2018	-	-	-	-	-	-	0.13	-	-
2/9/2018	-	-	-	-	-	-	0.13	-	-
8/8/2017	-	-	-	5.3	-	-	-	-	-
8/19/2016	-	-	-	4.9	-	-	-	-	-
7/8/2016	-	-	-	-	ND	ND	-	-	-
6/8/2015	ND	-	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.156**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000198-002

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
2/7/2023	-	-	-	1	ND	ND	-	-	-
2015-2021 Groundwater Quality Data									
10/22/2021	-	-	-	-	-	-	ND	-	-
1/14/2021	0.0015	-	-	1.1	-	-	-	-	-
5/7/2020	-	-	-	1.1	-	-	-	-	-
5/9/2019	-	-	-	1.1	-	-	-	-	-
10/15/2018	-	-	-	-	-	-	ND	-	-
9/13/2018	0.0017	-	-	-	-	-	-	-	-
7/19/2018	-	-	-	-	-	-	ND	-	-
4/12/2018	-	-	-	1.4	-	-	ND	-	-
2/15/2018	-	-	-	-	-	-	ND	-	-
12/7/2017	-	-	-	1.2	-	-	-	-	-
2/16/2017	-	-	-	-	ND	ND	-	-	-
12/15/2016	-	-	-	1.6	-	-	-	-	-
2/4/2016	-	-	-	-	ND	ND	-	-	-
9/16/2015	0.0014	-	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

CKGSA Well 1000199-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
8/2/2023	-	-	-	-	-	-	0.008	-	-
6/27/2023	-	-	-	-	-	-	0.012	-	-
5/17/2023	-	-	-	-	-	-	0.011	-	-
4/5/2023	-	-	-	-	-	-	0.011	-	-
3/2/2023	ND	-	-	7.9	-	-	ND	-	-
2/6/2023	-	-	-	-	-	-	0.017	-	-
1/4/2023	-	-	-	-	-	-	0.018	-	-
12/8/2022	-	-	-	-	-	-	0.014	-	-
11/9/2022	-	-	-	-	-	-	0.018	-	-
10/24/2022	-	-	-	-	-	-	0.016	-	-
2015-2021 Groundwater Quality Data									
12/1/2021	-	-	-	-	-	-	ND	-	-
11/4/2021	-	-	-	-	-	-	ND	-	-
10/13/2021	-	-	-	-	-	-	ND	-	-
9/8/2021	-	-	-	-	-	-	ND	-	-
8/4/2021	-	-	-	-	-	-	ND	-	-
7/8/2021	-	-	-	-	-	-	ND	15	-
6/7/2021	-	-	-	-	-	-	0.017	-	-
5/6/2021	-	-	-	-	-	-	0.011	-	-
4/7/2021	-	-	-	-	-	-	ND	-	-
3/3/2021	-	-	-	6.9	-	-	ND	-	-
2/3/2021	-	-	-	-	-	-	ND	-	-
1/7/2021	-	-	-	-	-	-	ND	-	-
12/2/2020	-	-	-	-	-	-	ND	-	-
11/4/2020	-	-	-	-	-	-	ND	-	-
10/6/2020	-	-	-	-	-	-	0.01	-	-
9/2/2020	-	-	-	-	ND	ND	ND	-	-
8/4/2020	-	-	-	-	-	-	0.014	-	-
7/1/2020	-	-	-	-	-	-	ND	-	-
6/4/2020	-	-	-	-	-	-	0.01	-	-
5/4/2020	-	-	-	-	-	-	ND	-	-
4/8/2020	-	-	-	-	-	-	0.0078	-	-
3/5/2020	ND	-	-	6.4	-	-	0.01	-	-
2/3/2020	-	-	-	-	-	-	0.0088	-	-
1/8/2020	-	-	-	-	-	-	0.0084	-	-
12/5/2019	-	-	-	-	-	-	0.011	-	-
11/7/2019	-	-	-	-	-	-	0.016	-	-
10/10/2019	-	-	-	-	-	-	0.011	-	-
9/3/2019	-	-	-	-	-	-	ND	-	-
8/1/2019	-	-	-	-	-	-	ND	-	-
7/8/2019	-	-	-	-	-	-	ND	-	-
6/4/2019	-	-	-	-	-	-	0.01	-	-
5/8/2019	-	-	-	-	-	-	0.01	-	-
4/16/2019	-	-	-	-	-	-	0.0096	-	-
3/6/2019	-	-	-	6	-	-	0.0094	-	-
2/4/2019	-	-	-	-	-	-	0.0098	-	-
1/7/2019	-	-	-	-	-	-	0.0078	-	-
12/5/2018	-	-	-	-	-	-	0.0067	-	-
11/5/2018	-	-	-	-	-	-	0.0094	-	-
10/3/2018	-	-	-	-	-	-	0.0062	13	-
9/6/2018	-	-	-	-	-	-	0.0061	-	-
8/6/2018	-	-	-	-	-	-	0.011	-	-
7/9/2018	-	-	-	-	-	-	-	9.5	-
6/20/2018	-	-	-	-	-	-	0.014	-	-
4/2/2018	-	-	-	-	-	-	0.01	14	-

CKGSA Well 1000199-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
3/7/2018	-	-	-	6.4	-	-	0.021	-	-
2/27/2018	-	-	-	-	-	-	0.014	-	-
2/12/2018	-	-	-	-	-	-	0.016	-	-
1/16/2018	-	-	-	-	-	-	-	14	-
10/9/2017	-	-	-	-	-	-	-	16	-
7/5/2017	-	-	-	-	-	-	-	16	-
5/3/2017	-	-	-	-	-	-	-	18	-
3/6/2017	ND	-	-	7.2	-	-	-	-	-
10/3/2016	-	-	-	-	-	-	-	16	-
3/1/2016	-	-	-	7	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.0252**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000200-003

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
4/3/2023	-	-	-	0.83	-	-	-	-	-
2015-2021 Groundwater Quality Data									
10/4/2021	-	-	-	-	-	-	ND	-	-
4/23/2021	-	-	-	0.78	-	-	-	-	-
4/6/2020	-	-	-	0.55	-	-	-	-	-
4/1/2019	0.0051	-	-	0.65	ND	ND	-	-	-
1/7/2019	-	-	-	0.57	-	-	-	-	-
10/1/2018	-	-	-	-	-	-	ND	-	-
7/2/2018	-	-	-	-	-	-	ND	-	-
4/2/2018	-	-	-	-	-	-	ND	-	-
1/31/2018	-	-	-	-	-	-	ND	-	-
1/2/2018	-	-	-	0.57	-	-	-	-	-
1/3/2017	-	-	-	0.58	-	-	-	-	-
4/7/2016	0.0057	-	-	0.53	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:
Minimum Threshold values established by method presented in GSP.
\- = Constituent not analyzed
Above Minimum Threshold

CKGSA Well 1000204-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
7/11/2023	-	-	-	9.1	-	-	0.07	25	-
4/4/2023	-	-	-	8.1	-	-	0.065	22	-
3/28/2023	-	-	-	8.8	-	-	0.045	34	-
1/9/2023	-	-	-	-	-	-	0.14	35	-
11/2/2022	-	-	-	6.7	-	-	-	-	-
10/17/2022	-	-	-	10.3	-	-	0.081	-	-
2015-2021 Groundwater Quality Data									
11/5/2021	-	-	-	-	ND	ND	-	-	-
10/29/2021	0.0049	-	-	10	-	-	0.075	34	-
7/21/2021	-	-	-	9.7	ND	ND	0.072	36	-
4/16/2021	-	-	-	10	-	-	0.062	32.16	-
1/15/2021	-	-	-	8.6	-	-	0.075	38.19	-
12/22/2020	-	-	-	9.4	-	-	-	-	-
11/13/2020	-	-	-	-	-	-	0.083	35.51	-
9/10/2020	-	-	-	5.9	-	-	-	-	-
8/31/2020	-	-	-	-	-	-	0.057	29.48	-
8/24/2020	-	-	-	-	-	-	0.058	32.83	-
8/17/2020	-	-	-	-	-	-	0.06	22.78	-
8/10/2020	-	-	-	-	-	-	0.059	25.46	-
8/3/2020	-	-	-	-	-	-	0.058	27.47	-
7/16/2020	-	-	-	-	-	-	0.057	24.79	-
6/8/2020	-	-	-	7.7	-	-	-	-	-
4/6/2020	-	-	-	-	-	-	0.073	23.45	-
3/27/2020	-	-	-	9.3	-	-	-	-	-
3/9/2020	-	-	-	-	-	-	0.07	-	-
2/10/2020	-	-	-	-	-	-	0.073	-	-
1/10/2020	-	-	-	-	-	-	0.076	38.19	-
12/9/2019	-	-	-	9.3	-	-	-	-	-
10/11/2019	-	-	-	-	-	-	0.047	16.75	-
5/13/2019	-	-	-	-	-	-	0.061	-	-
4/12/2019	-	-	-	5.7	-	-	-	12.73	-
2/15/2019	-	-	-	-	-	-	0.07	-	-
1/14/2019	-	-	-	4.6	-	-	-	9.38	-
10/22/2018	-	-	-	5.6	-	-	0.051	14.07	-
9/14/2018	0.0048	-	-	-	-	-	-	-	-
7/23/2018	-	-	-	7.8	-	-	0.042	29.48	-
4/13/2018	-	-	-	9.2	-	-	0.034	36.85	-
2/2/2018	-	-	-	-	-	-	0.056	-	-
1/22/2018	-	-	-	-	-	-	-	33.5	-
1/19/2018	-	-	-	9.2	-	-	-	-	-
10/6/2017	-	-	-	8.3	-	-	-	34.17	-
7/27/2017	-	-	-	-	-	-	-	28.81	-
7/24/2017	-	-	-	9.6	-	-	-	-	-
4/7/2017	-	-	-	4.8	-	-	-	-	-
3/17/2017	-	-	-	-	-	-	-	13.4	-
1/20/2017	-	-	-	4.4	-	-	-	-	-
10/7/2016	-	-	-	7.3	-	-	-	-	-
4/11/2016	-	-	-	4	-	-	-	10.05	-
1/8/2016	-	-	-	7.5	-	-	-	38.86	-
12/21/2015	-	-	-	5.1	-	-	-	-	-
10/5/2015	-	-	-	-	-	-	-	25.46	-
9/1/2015	-	-	-	-	-	-	-	36.18	-
7/10/2015	0.0032	-	-	-	ND	ND	-	-	-
2/24/2015	0.0036	-	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**12**	**0.005**	**0.005**	**0.0996**	**46.632**	**20**

CKGSA Well 1000204-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000315-003

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
2/10/2023	0.0028	-	-	2.4	-	-	-	-	-
2015-2021 Groundwater Quality Data									
1/14/2021	-	-	-	2.3	-	-	ND	-	-
1/23/2020	0.0032	-	-	2.2	-	-	-	-	-
1/11/2019	-	-	-	2	-	-	-	-	-
10/15/2018	-	-	-	-	-	-	ND	-	-
7/9/2018	-	-	-	-	-	-	ND	-	-
6/25/2018	-	-	-	-	-	-	ND	-	-
3/2/2018	-	-	-	2.2	ND	ND	ND	-	-
1/16/2017	0.0026	-	-	2.3	-	-	-	-	-
7/8/2016	-	-	-	-	-	-	ND	-	-
4/4/2016	-	-	-	2.3	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000526-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
4/28/2023	-	-	-	2.9	-	-	-	-	-
10/19/2022	-	-	-	-	-	-	ND	-	-
2015-2021 Groundwater Quality Data									
10/20/2021	-	-	-	-	-	-	ND	-	-
4/21/2021	0.0022	-	-	3.1	-	-	-	-	-
10/21/2020	-	-	-	-	-	-	ND	-	-
4/15/2020	-	-	-	2.6	-	-	-	-	-
10/16/2019	-	-	-	-	-	-	ND	-	-
4/24/2019	-	-	-	2.9	-	-	-	-	-
10/24/2018	-	-	-	-	-	-	ND	-	-
7/25/2018	-	-	-	-	-	-	0.005	-	-
4/5/2018	0.0029	-	-	3	ND	ND	ND	-	-
1/31/2018	-	-	-	-	-	-	ND	-	-
1/17/2018	-	-	-	2.8	-	-	-	-	-
1/3/2017	-	-	-	3	-	-	-	-	-
10/6/2016	-	-	-	3	-	-	-	-	-
10/29/2015	-	-	-	3	-	-	-	-	-
5/27/2015	ND	-	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.006**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000534-001

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
8/22/2023	-	-	-	3.5	-	-	-	-	-
5/15/2023	-	-	-	4.2	-	-	-	-	-
2/8/2023	-	-	-	4.1	-	-	-	-	-
11/10/2022	-	-	-	4.2	-	-	-	-	-
2015-2021 Groundwater Quality Data									
12/8/2021	-	-	-	5	-	-	-	-	-
8/26/2021	-	-	-	-	-	-	ND	-	-
4/14/2021	ND	-	-	5	0.0039	ND	-	-	-
4/20/2020	-	-	-	4.9	-	-	-	-	-
4/15/2019	-	-	-	6.4	-	-	-	-	-
11/5/2018	-	-	-	-	-	-	ND	-	-
8/6/2018	-	-	-	-	-	-	ND	-	-
5/7/2018	-	-	-	-	-	-	ND	-	-
4/2/2018	ND	-	-	5	-	-	-	-	-
2/12/2018	-	-	-	-	-	-	ND	-	-
4/3/2017	-	-	-	6	-	-	-	-	-
4/20/2016	-	-	-	5.6	-	-	-	-	-
4/8/2015	ND	-	-	-	ND	ND	ND	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000575-003

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
8/9/2023	-	-	-	2	-	-	-	-	-
2015-2021 Groundwater Quality Data									
8/10/2021	-	-	-	1.8	-	-	ND	-	-
8/20/2020	-	-	-	1.9	-	-	-	-	-
4/21/2020	-	-	-	-	ND	ND	-	-	-
8/6/2019	0.0027	-	-	2.1	-	-	-	-	-
11/6/2018	-	-	-	-	-	-	ND	-	-
10/4/2018	-	-	-	2.1	-	-	-	-	-
8/13/2018	-	-	-	-	-	-	ND	-	-
5/23/2018	-	-	-	-	-	-	ND	-	-
2/22/2018	-	-	-	-	-	-	ND	-	-
2/21/2018	-	-	-	-	-	-	ND	-	-
10/3/2017	-	-	-	2.6	-	-	-	-	-
11/7/2016	-	-	-	2.3	-	-	-	-	-
10/12/2016	0.0026	-	-	-	-	-	-	-	-
10/12/2015	-	-	-	2.4	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1000576-002

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
2/22/2023	-	-	-	2.1	-	-	-	-	-
2015-2021 Groundwater Quality Data									
1/19/2021	-	-	-	2.4	-	-	ND	-	-
1/27/2020	-	-	-	2.1	-	-	-	-	-
4/29/2019	0.0027	-	-	2.2	-	-	-	-	-
3/25/2019	0.0021	-	-	2.3	-	-	-	-	-
10/15/2018	-	-	-	-	-	-	ND	-	-
7/16/2018	-	-	-	-	-	-	ND	-	-
5/22/2018	-	-	-	-	-	-	ND	-	-
3/22/2018	-	-	-	-	-	-	ND	-	-
1/23/2018	-	-	-	2.2	ND	ND	-	-	-
4/20/2017	-	-	-	-	ND	ND	-	-	-
1/20/2017	-	-	-	2.3	-	-	-	-	-
7/8/2016	-	-	-	-	-	-	ND	-	-
4/11/2016	ND	-	-	2.2	ND	ND	-	ND	-
1/14/2016	-	-	-	-	-	-	-	-	2.7
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1010024-010

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
10/12/2021	-	-	-	-	-	-	-	4.2	-
9/14/2021	-	-	-	-	-	-	0.0041	-	-
6/23/2021	-	-	-	-	-	-	ND	-	-
5/4/2021	-	-	-	2.5	-	-	-	-	-
3/16/2021	ND	-	-	-	-	-	ND	5.7	-
2/2/2021	ND	-	-	-	-	-	-	5.1	-
12/8/2020	-	-	-	-	-	-	ND	-	-
9/15/2020	-	-	-	-	-	-	0.005	-	-
6/9/2020	-	-	-	-	-	-	ND	-	-
5/12/2020	-	-	-	3.171	-	-	-	-	-
3/3/2020	-	-	-	-	-	-	ND	-	-
12/3/2019	-	-	-	-	-	-	0.005	-	-
10/17/2019	-	-	-	-	ND	ND	-	-	-
9/3/2019	-	-	-	-	-	-	0.01	-	-
8/20/2019	ND	-	-	2.3	-	-	-	-	-
6/4/2019	-	-	-	-	-	-	0.01	-	-
5/14/2019	-	-	-	3.069	-	-	-	-	-
3/19/2019	-	-	-	-	-	-	0.008	-	-
12/4/2018	-	-	-	-	-	-	0.01	-	-
9/4/2018	-	-	-	-	-	-	0.02	-	-
8/7/2018	-	-	-	-	-	-	0.01	-	-
6/19/2018	-	-	-	-	-	-	0.01	-	-
6/13/2018	-	-	-	-	-	-	0.011	-	-
6/5/2018	-	-	-	-	-	-	0.012	-	-
5/29/2018	-	-	-	-	-	-	0.01	-	-
5/23/2018	-	-	-	3.402	-	-	-	-	-
4/4/2018	-	-	-	-	-	-	0.01	-	-
12/13/2017	-	-	-	-	-	-	ND	-	-
12/5/2017	-	-	-	-	-	-	ND	-	-
10/17/2017	-	-	-	-	-	-	0.01	-	-
8/15/2017	-	-	-	2.988	-	-	-	-	-
7/18/2017	-	-	-	-	-	-	0.01	-	-
4/25/2017	-	-	-	-	-	-	0.01	-	-
1/9/2017	-	-	-	-	-	-	0.01	-	-
11/9/2016	-	-	-	-	ND	ND	0.0099	-	-
8/16/2016	ND	-	-	2.8	-	-	-	-	-
7/12/2016	-	-	-	-	-	-	0.01	-	-
4/5/2016	-	-	-	-	-	-	0.02	-	-
1/6/2016	-	-	-	-	-	-	0.01	-	-
10/7/2015	ND	-	-	-	-	-	0.01	6.216	-
7/14/2015	-	-	-	-	-	-	0.02	-	-
4/21/2015	-	-	-	-	-	-	0.01	-	-
1/13/2015	-	-	-	-	-	-	0.01	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.024**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1010024-018

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Uranium (pCi/L)	Hexavalent Chromium (µg/L)
Water Year 2023 Groundwater Quality Data									
9/12/2023	-	-	-	-	-	-	0.004	-	-
8/8/2023	-	-	-	-	-	-	0.004	-	-
7/5/2023	-	-	-	-	-	-	0.004	-	-
6/13/2023	-	-	-	-	-	-	0.0038	-	-
5/9/2023	-	-	-	3.3	-	-	0.006	-	-
4/25/2023	-	-	-	-	-	-	0.005	-	-
4/11/2023	ND	-	-	3.3	-	-	-	-	-
3/13/2023	-	-	-	-	-	-	0.005	-	-
2/14/2023	-	-	-	-	-	-	0.004	-	-
1/10/2023	-	-	-	-	-	-	0.005	-	-
12/6/2022	-	-	-	-	-	-	0.005	-	-
11/9/2022	-	-	-	-	-	-	0.004	-	-
10/4/2022	-	-	-	-	-	-	0.003	-	-
2015-2021 Groundwater Quality Data									
5/4/2021	-	-	-	2.5	-	-	-	-	-
5/12/2020	-	-	-	2.952	-	-	-	-	-
4/28/2020	ND	-	-	2.4	-	-	-	-	-
10/8/2019	-	-	-	-	ND	ND	-	-	-
5/14/2019	-	-	-	3.224	-	-	-	-	-
4/23/2019	-	-	-	-	ND	ND	-	-	-
2/19/2019	-	-	-	-	-	-	ND	-	-
11/13/2018	-	-	-	-	-	-	ND	-	-
8/21/2018	-	-	-	-	-	-	ND	-	-
5/22/2018	-	-	-	2.92	-	-	-	-	-
5/15/2018	-	-	-	-	-	-	ND	-	-
2/13/2018	-	-	-	-	-	-	ND	-	-
12/12/2017	-	-	-	-	-	-	ND	-	-
8/8/2017	-	-	-	-	-	-	ND	-	-
5/2/2017	-	-	-	-	-	-	ND	-	-
4/19/2017	ND	-	-	2.6	-	-	-	-	-
2/14/2017	-	-	-	-	-	-	ND	-	-
11/8/2016	-	-	-	-	-	-	ND	-	-
8/2/2016	-	-	-	-	-	-	ND	-	-
5/3/2016	-	-	-	2.8	-	-	ND	-	-
4/19/2016	-	-	-	-	ND	ND	-	-	-
2/23/2016	-	-	-	-	-	-	ND	-	-
11/9/2015	-	-	-	-	-	-	ND	-	-
8/5/2015	-	-	-	-	-	-	ND	-	-
5/19/2015	-	-	-	-	-	-	ND	-	-
2/19/2015	-	-	-	-	-	-	ND	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

CKGSA Well 1010039-005

Sample Date	Arsenic (mg/L)	DBCP (mg/L)	Methyl Tert-Butyl Ether (MTBE) (mg/L)	Nitrate as N (mg/L)	Tetrachloroethylene (PCE) (mg/L)	Trichloroethylene (TCE) (mg/L)	1,2,3-Trichloropropane (TCP) (μg/L)	Uranium (pCi/L)	Hexavalent Chromium (μg/L)
Water Year 2023 Groundwater Quality Data									
7/26/2023	0.013	-	-	0.56	-	-	ND	-	-
4/11/2023	0.014	-	-	-	-	-	ND	-	-
1/10/2023	0.011	-	-	-	-	-	ND	-	-
10/3/2022	0.01	-	-	-	-	-	0.018	-	-
2015-2021 Groundwater Quality Data									
10/4/2021	0.014	-	-	-	-	-	0.0059	-	-
7/6/2021	0.012	-	-	1.6	-	-	0.015	-	-
4/6/2021	0.013	-	-	-	-	-	ND	-	-
1/18/2021	0.014	-	-	-	-	-	ND	-	-
10/12/2020	0.014	-	-	-	-	-	0.005	-	-
7/27/2020	0.014	-	-	0.6	ND	ND	0.006	-	-
4/6/2020	0.014	-	-	-	-	-	ND	-	-
1/27/2020	0.014	-	-	-	-	-	ND	-	-
10/7/2019	0.012	-	-	-	-	-	ND	-	-
7/8/2019	0.012	-	-	ND	-	-	ND	-	-
4/8/2019	0.012	-	-	-	-	-	ND	-	-
1/23/2019	0.014	-	-	-	-	-	ND	-	-
10/22/2018	-	-	-	-	-	-	0.01	-	-
10/8/2018	0.012	-	-	-	-	-	-	-	-
7/16/2018	0.014	-	-	0.83	-	-	0.017	-	-
4/10/2018	-	-	-	-	-	-	ND	-	-
4/3/2018	0.013	-	-	-	-	-	-	-	-
1/15/2018	0.014	-	-	-	-	-	ND	-	-
10/18/2017	0.014	-	-	-	-	-	0.017	-	-
7/27/2017	0.012	-	-	0.91	-	-	-	-	-
7/19/2017	0.012	-	-	-	-	-	0.011	-	-
4/21/2017	0.014	-	-	-	-	-	ND	-	-
1/24/2017	-	-	-	-	-	-	ND	-	-
1/9/2017	0.013	-	-	-	-	-	-	-	-
11/7/2016	-	-	-	-	-	-	ND	-	-
10/10/2016	0.01	-	-	-	-	-	-	-	-
7/27/2016	-	-	-	-	-	-	0.05	-	-
7/11/2016	0.0089	-	-	2.6	-	-	-	-	-
4/25/2016	0.01	-	-	-	-	-	-	-	-
4/21/2016	-	-	-	ND	-	-	-	-	-
1/20/2016	0.013	-	-	-	-	-	-	-	-
10/21/2015	0.011	-	-	-	-	-	-	-	-
9/18/2015	-	-	-	2.8	-	-	-	-	-
7/6/2015	0.011	-	-	-	-	-	-	-	-
4/8/2015	0.011	-	-	-	-	-	-	-	-
1/13/2015	0.011	-	-	-	-	-	-	-	-
Minimum Threshold	**0.0168**	**0.0002**	**0.013**	**10**	**0.005**	**0.005**	**0.06**	**20**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

James GSA

James GSA Well 1010034-003

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Manganese (µg/L)	Boron (µg/L)
Water Year 2023 Groundwater Quality Data										
7/5/2023	-	-	-	-	-	-	-	-	430	-
4/12/2023	-	-	-	-	-	-	-	-	220	-
1/11/2023	-	-	-	-	-	-	-	-	390	-
2015-2021 Groundwater Quality Data										
12/21/2021	-	-	-	13.2	-	-	ND	-	-	-
10/6/2021	-	-	-	-	-	-	-	-	370	-
9/1/2021	-	-	-	-	-	ND	-	-	-	-
7/7/2021	-	-	-	-	-	-	-	-	400	-
4/7/2021	-	-	-	-	-	-	-	-	81	-
1/6/2021	-	-	-	-	-	-	-	-	380	-
10/7/2020	-	-	-	-	-	-	-	-	350	-
9/9/2020	-	-	-	-	-	ND	-	-	-	-
7/1/2020	-	-	-	-	-	-	-	-	320	-
4/1/2020	-	-	-	-	-	-	-	-	410	-
1/15/2020	-	-	-	-	-	-	-	-	350	-
10/23/2019	-	-	-	-	-	-	-	-	350	-
9/18/2019	3.3	-	340	-	ND	ND	-	-	350	-
7/31/2019	-	-	-	-	-	-	-	-	380	-
5/8/2019	-	-	-	-	-	-	-	-	330	-
2/13/2019	-	-	-	-	-	-	-	-	200	-
12/5/2018	-	-	-	-	-	-	ND	-	-	-
10/3/2018	-	-	-	-	-	-	-	-	310	-
9/12/2018	-	-	-	-	-	-	ND	-	-	-
9/5/2018	-	-	-	-	-	ND	-	-	-	-
7/11/2018	-	-	-	-	-	-	-	-	350	-
6/13/2018	-	-	-	-	-	-	ND	-	-	-
4/11/2018	-	-	-	-	-	-	-	-	320	-
3/21/2018	-	-	-	-	-	-	ND	-	-	-
1/3/2018	-	-	-	-	-	-	-	-	350	-
10/4/2017	-	-	-	-	-	-	-	-	310	-
8/30/2017	-	-	-	-	-	ND	-	-	-	-
7/5/2017	-	-	-	-	-	-	-	-	300	-
5/3/2017	-	-	-	-	-	-	-	-	330	-
4/26/2017	-	-	-	-	-	-	-	-	300	-
4/19/2017	-	-	-	-	-	-	ND	-	370	-
4/12/2017	-	-	-	-	-	-	-	-	340	-
4/5/2017	-	-	-	-	-	-	-	-	380	-
3/29/2017	-	-	-	-	-	-	-	-	320	-
3/22/2017	-	-	-	-	-	-	-	-	260	-
3/15/2017	-	-	-	-	-	-	-	-	420	-
3/8/2017	-	-	-	-	-	-	-	-	360	-
3/1/2017	-	-	-	-	-	-	-	-	360	-
2/22/2017	-	-	-	-	-	-	-	-	210	-
2/15/2017	-	-	-	-	-	-	-	-	220	-
2/8/2017	-	-	-	-	-	-	-	-	320	-
2/1/2017	-	-	-	-	-	-	-	-	400	-
1/25/2017	-	-	-	-	-	-	-	-	330	-
1/18/2017	-	-	-	-	-	-	-	-	380	-
1/11/2017	-	-	-	-	-	-	-	-	220	-
1/4/2017	-	-	-	-	-	-	-	-	350	-
12/28/2016	-	-	-	-	-	-	-	-	410	-
12/21/2016	-	-	-	-	-	-	-	-	210	-
12/14/2016	-	-	-	-	-	-	-	-	360	-
12/7/2016	-	-	-	-	-	-	-	-	260	-
11/30/2016	-	-	-	-	-	-	-	-	240	-
11/22/2016	-	-	-	-	-	-	-	-	210	-
11/16/2016	-	-	-	-	-	-	-	-	250	-
11/9/2016	-	-	-	-	-	-	-	-	320	-
11/2/2016	-	-	-	-	-	-	-	-	400	-
10/26/2016	-	-	-	-	-	-	-	-	280	-
10/19/2016	3.1	-	480	-	ND	ND	-	-	330	-

James GSA Well 1010034-003

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Manganese (µg/L)	Boron (µg/L)
10/12/2016	-	-	-	-	-	-	-	-	310	-
10/5/2016	-	-	-	-	-	-	-	-	300	-
9/28/2016	-	-	-	-	-	-	-	-	280	-
9/21/2016	-	-	-	-	-	-	-	-	300	-
9/14/2016	-	-	-	-	-	-	-	-	300	-
9/7/2016	-	-	-	-	-	-	-	-	300	-
8/31/2016	-	-	-	-	-	-	-	-	280	-
8/24/2016	-	-	-	-	-	-	-	-	280	-
8/17/2016	-	-	-	-	-	-	-	-	280	-
8/10/2016	-	-	-	-	-	-	-	-	280	-
8/3/2016	-	-	-	-	-	-	-	-	350	-
7/27/2016	-	-	-	-	-	-	-	-	310	-
7/20/2016	-	-	-	-	-	-	-	-	310	-
7/13/2016	-	-	-	-	-	-	-	-	300	-
7/6/2016	-	-	-	-	-	-	-	-	330	-
4/13/2016	-	-	-	-	-	-	-	-	380	-
2/10/2016	-	-	-	-	-	-	-	-	410	-
12/30/2015	-	-	-	-	-	-	-	-	310	-
10/21/2015	-	-	-	5.11	-	ND	-	-	-	-
7/15/2015	-	-	-	-	-	-	-	-	350	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**504**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

James GSA Well 1010034-004

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Manganese (µg/L)	Boron (µg/L)
Water Year 2023 Groundwater Quality Data										
7/5/2023	-	-	-	-	-	-	-	-	190	-
4/12/2023	-	-	-	-	-	-	-	-	85	-
1/11/2023	-	-	-	-	-	-	-	-	190	-
2015-2021 Groundwater Quality Data										
12/21/2021	-	-	-	-	-	-	ND	-	-	-
10/6/2021	-	-	-	-	-	-	-	-	190	-
9/1/2021	-	-	-	-	-	ND	-	-	-	-
7/7/2021	-	-	-	-	-	-	-	-	200	-
4/7/2021	-	-	-	-	-	-	-	-	170	-
1/6/2021	-	-	-	-	-	-	-	-	210	-
10/7/2020	-	-	-	-	-	-	-	-	180	-
9/9/2020	-	-	-	-	-	ND	-	-	-	-
7/1/2020	-	-	-	-	-	-	-	-	210	-
4/1/2020	-	-	-	-	-	-	-	-	170	-
1/15/2020	-	-	-	-	-	-	-	-	190	-
10/23/2019	-	-	-	-	-	-	-	-	180	-
8/14/2019	7	-	580	-	ND	ND	-	-	180	-
7/31/2019	-	-	-	-	-	-	-	-	180	-
5/8/2019	-	-	-	-	-	-	-	-	190	-
2/13/2019	-	-	-	-	-	-	-	-	180	-
12/5/2018	-	-	-	-	-	-	ND	-	-	-
10/3/2018	-	-	-	-	-	-	-	-	210	-
9/12/2018	-	-	-	-	-	-	ND	-	-	-
9/5/2018	-	-	-	-	-	ND	-	-	-	-
7/11/2018	-	-	-	-	-	-	-	-	190	-
6/13/2018	-	-	-	-	-	-	ND	-	-	-
4/11/2018	-	-	-	-	-	-	-	-	190	-
3/21/2018	-	-	-	-	-	-	ND	-	-	-
1/3/2018	-	-	-	-	-	-	-	-	180	-
10/4/2017	-	-	-	-	-	-	-	-	190	-
8/30/2017	-	-	-	-	-	ND	-	-	-	-
7/5/2017	-	-	-	-	-	-	-	-	250	-
5/3/2017	-	-	-	-	-	-	-	-	160	-
4/26/2017	-	-	-	-	-	-	-	-	220	-
4/19/2017	-	-	-	-	-	-	ND	-	220	-
4/12/2017	-	-	-	-	-	-	-	-	210	-
4/5/2017	-	-	-	-	-	-	-	-	190	-
3/29/2017	-	-	-	-	-	-	-	-	170	-
3/22/2017	-	-	-	-	-	-	-	-	210	-
3/15/2017	-	-	-	-	-	-	-	-	190	-
3/8/2017	-	-	-	-	-	-	-	-	210	-
3/1/2017	-	-	-	-	-	-	-	-	220	-
2/22/2017	-	-	-	-	-	-	-	-	210	-
2/15/2017	-	-	-	-	-	-	-	-	230	-
2/8/2017	-	-	-	-	-	-	-	-	440	-
2/1/2017	-	-	-	ND	-	-	-	-	230	-
1/25/2017	-	-	-	-	-	-	-	-	220	-
1/18/2017	-	-	-	-	-	-	-	-	200	-
1/11/2017	-	-	-	-	-	-	-	-	400	-
1/4/2017	-	-	-	-	-	-	-	-	160	-
12/28/2016	-	-	-	-	-	-	-	-	220	-
12/21/2016	-	-	-	-	-	-	-	-	210	-
12/14/2016	-	-	-	-	-	-	-	-	220	-
12/7/2016	-	-	-	-	-	-	-	-	200	-
11/30/2016	-	-	-	-	-	-	-	-	190	-
11/22/2016	-	-	-	-	-	-	-	-	230	-
11/16/2016	-	-	-	-	-	-	-	-	190	-
11/9/2016	-	-	-	-	-	-	-	-	180	-
11/2/2016	-	-	-	-	-	-	-	-	170	-
10/26/2016	-	-	-	-	-	-	-	-	170	-
10/19/2016	-	-	-	-	-	-	-	-	160	-

James GSA Well 1010034-004

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Manganese (µg/L)	Boron (µg/L)
10/12/2016	-	-	-	-	-	-	-	-	190	-
9/21/2016	-	-	-	-	-	-	-	-	210	-
8/17/2016	2.7	-	540	4.78	ND	ND	-	3.6	190	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**528**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

James GSA Well 1010034-005

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Manganese (µg/L)	Boron (µg/L)
Water Year 2023 Groundwater Quality Data										
7/5/2023	-	-	-	-	-	-	-	-	430	-
4/12/2023	-	-	-	-	-	-	-	-	68	-
1/11/2023	-	-	-	-	-	-	-	-	430	-
2015-2021 Groundwater Quality Data										
12/21/2021	-	-	-	-	-	-	ND	-	-	-
10/6/2021	-	-	-	-	-	-	-	-	400	-
9/1/2021	-	-	-	-	-	ND	-	-	-	-
7/7/2021	-	-	-	-	-	-	-	-	370	-
4/7/2021	-	-	-	-	-	-	-	-	350	-
1/6/2021	-	-	-	-	-	-	-	-	330	-
10/7/2020	-	-	-	-	-	-	-	-	330	-
9/9/2020	-	-	-	-	-	ND	-	-	-	-
7/1/2020	-	-	-	-	-	-	-	-	460	-
4/1/2020	-	-	-	-	-	-	-	-	350	-
1/15/2020	-	-	-	-	-	-	-	-	350	-
10/23/2019	-	-	-	-	-	-	-	-	350	-
9/18/2019	3.9	-	440	-	ND	ND	-	-	330	-
7/31/2019	-	-	-	-	-	-	-	-	300	-
5/8/2019	-	-	-	-	-	-	-	-	320	-
2/13/2019	-	-	-	-	-	-	-	-	300	-
12/5/2018	-	-	-	-	-	-	ND	-	-	-
10/17/2018	-	-	-	ND	-	-	-	-	-	-
10/3/2018	-	-	-	-	-	-	-	-	390	-
9/12/2018	-	-	-	-	-	-	ND	-	-	-
9/5/2018	-	-	-	-	-	ND	-	-	-	-
7/11/2018	-	-	-	-	-	-	-	-	420	-
6/13/2018	-	-	-	-	-	-	ND	-	-	-
4/11/2018	-	-	-	-	-	-	-	-	330	-
3/21/2018	-	-	-	-	-	-	ND	-	-	-
1/3/2018	-	-	-	-	-	-	-	-	180	-
8/30/2017	-	-	-	-	-	ND	-	-	-	-
7/5/2017	-	-	-	-	-	-	-	-	370	-
5/3/2017	-	-	-	-	-	-	-	-	340	-
4/26/2017	-	-	-	-	-	-	-	-	370	-
4/19/2017	-	-	-	-	-	-	ND	-	340	-
4/12/2017	-	-	-	-	-	-	-	-	390	-
4/5/2017	-	-	-	-	-	-	-	-	370	-
3/29/2017	-	-	-	-	-	-	-	-	370	-
3/22/2017	-	-	-	-	-	-	-	-	310	-
3/15/2017	-	-	-	-	-	-	-	-	410	-
3/8/2017	-	-	-	-	-	-	-	-	370	-
3/1/2017	-	-	-	-	-	-	-	-	370	-
2/22/2017	-	-	-	-	-	-	-	-	370	-
2/15/2017	-	-	-	-	-	-	-	-	410	-
2/8/2017	-	-	-	-	-	-	-	-	350	-
2/1/2017	-	-	-	-	-	-	-	-	410	-
1/25/2017	-	-	-	-	-	-	-	-	380	-
1/18/2017	-	-	-	-	-	-	-	-	420	-
1/11/2017	-	-	-	-	-	-	-	-	420	-
1/4/2017	-	-	-	-	-	-	-	-	440	-
12/28/2016	-	-	-	-	-	-	-	-	450	-
12/21/2016	-	-	-	-	-	-	-	-	440	-
12/14/2016	-	-	-	-	-	-	-	-	400	-
12/7/2016	-	-	-	-	-	-	-	-	440	-
11/30/2016	-	-	-	-	-	-	-	-	470	-
11/22/2016	-	-	-	-	-	-	-	-	450	-
11/16/2016	-	-	-	-	-	-	-	-	120	-
11/9/2016	-	-	-	-	-	-	-	-	460	-
11/2/2016	-	-	-	-	-	-	-	-	450	-
10/26/2016	-	-	-	-	-	-	-	-	390	-
10/19/2016	4.6	-	520	-	ND	ND	-	-	390	-

James GSA Well 1010034-005

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Manganese (µg/L)	Boron (µg/L)
10/12/2016	-	-	-	-	-	-	-	-	470	-
10/5/2016	-	-	-	-	-	-	-	-	420	-
9/28/2016	-	-	-	-	-	-	-	-	420	-
9/21/2016	-	-	-	-	-	-	-	-	460	-
9/14/2016	-	-	-	-	-	-	-	-	440	-
9/7/2016	-	-	-	-	-	-	-	-	420	-
8/31/2016	-	-	-	-	-	-	-	-	430	-
8/24/2016	-	-	-	-	-	-	-	-	450	-
8/17/2016	-	-	-	-	-	-	-	-	470	-
8/10/2016	-	-	-	-	-	-	-	-	430	-
8/3/2016	-	-	-	-	-	-	-	-	420	-
7/27/2016	-	-	-	-	-	-	-	-	530	-
7/20/2016	-	-	-	-	-	-	-	-	460	-
7/13/2016	-	-	-	-	-	-	-	-	470	-
7/6/2016	-	-	-	-	-	-	-	-	420	-
4/13/2016	-	-	-	-	-	-	-	-	380	-
2/10/2016	-	-	-	-	-	-	-	-	490	-
12/30/2015	-	-	-	-	-	-	-	-	380	-
10/21/2015	-	-	-	-	-	ND	-	-	-	-
7/15/2015	-	-	-	-	-	-	-	-	420	-
2/13/2015	-	-	-	-	-	-	-	-	410	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**636**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

Kings River East Groundwater Sustainability Agency

KREGSA Well 5403023-002

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
5/24/2023	3.9	-
2015-2021 Groundwater Quality Data		
12/28/2021	4.1	-
2/1/2021	4.2	-
1/18/2021	4.3	-
2/7/2020	4.1	-
1/14/2019	4.2	-
7/9/2018	4.1	-
1/23/2018	3.9	-
2/13/2017	4	-
2/15/2016	4.2	-
12/18/2015	4.6	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5400553-003

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
9/5/2023	8.45	-
8/1/2023	8.28	-
7/14/2023	7.8	-
5/18/2023	7.76	-
4/6/2023	7.1	-
2015-2021 Groundwater Quality Data		
8/3/2021	6.72	-
5/4/2021	6.09	-
2/2/2021	7.02	-
11/9/2020	5.6	-
8/4/2020	6.55	-
5/5/2020	6.95	-
2/10/2020	7.87	-
11/6/2019	6.92	-
9/3/2019	6.35	-
5/7/2019	4.54	-
2/5/2019	6.06	-
11/6/2018	5.47	-
8/7/2018	6.59	-
5/1/2018	5.52	-
2/6/2018	6.56	-
10/3/2017	5.11	-
7/11/2017	6.3	-
5/2/2017	5.13	-
8/2/2016	5.22	-
5/3/2016	5.99	-
2/2/2016	6.37	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5403212-001

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
4/18/2023	3.1	-
2/13/2023	3.1	-
2015-2021 Groundwater Quality Data		
9/10/2020	2.8	-
3/29/2019	2.5	-
5/10/2017	2.6	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5410008-003

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
9/22/2023	6.1	-
5/19/2023	4.2	-
1/20/2023	5	-
10/14/2022	6.1	-
2015-2021 Groundwater Quality Data		
10/28/2021	6	-
8/20/2021	5.6	-
5/18/2021	5.5	-
2/17/2021	6	-
11/23/2020	5.4	-
8/21/2020	5.8	-
5/20/2020	5.5	-
2/21/2020	6	-
11/20/2019	5	-
8/23/2019	5.5	-
5/24/2019	5.7	-
2/20/2019	5.6	-
11/20/2018	5.8	-
8/24/2018	5.7	-
2/20/2018	6	-
11/21/2017	5.8	-
8/1/2017	5.5	-
4/28/2017	5.2	-
2/2/2017	5.8	-
11/15/2016	5.7	-
8/26/2016	5.9	-
5/19/2016	5.9	-
2/12/2016	5.8	-
11/19/2015	5.7	-
Minimum Threshold	**10**	**0.0002**

Notes:
Minimum Threshold values established by method pre
- = Constituent not analyzed
Above Minimum Threshold

KREGSA Well 5410017-004

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
1/4/2023	2.9	-
2015-2021 Groundwater Quality Data		
1/20/2021	3.1	-
1/8/2020	3.1	-
1/2/2019	3.1	-
1/3/2018	3.1	-
1/4/2017	3.3	-
4/13/2016	3.1	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 1000405-001

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
2/7/2023	3	-
2015-2021 Groundwater Quality Data		
1/7/2021	1.1	-
1/7/2020	1.2	-
1/9/2019	1.2	-
1/15/2018	1.6	-
1/10/2017	2.5	-
2/2/2016	3	-
12/17/2015	1.3	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5402047-017

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
9/28/2023	7.8	-
8/23/2023	8.1	-
7/27/2023	8.4	-
6/19/2023	2.1	-
5/30/2023	9.3	-
4/24/2023	8.7	-
3/31/2023	7.3	-
2/22/2023	8.9	-
1/27/2023	9.1	-
12/19/2022	9.2	-
11/21/2022	7.6	-
10/31/2022	7.3	-
2015-2021 Groundwater Quality Data		
12/23/2021	8.3	-
11/10/2021	7.1	-
10/27/2021	7.7	-
9/20/2021	8.4	-
8/30/2021	8.5	-
7/21/2021	7.8	-
6/24/2021	7.1	-
5/7/2021	6.6	-
4/21/2021	5.8	-
3/16/2021	6.6	-
2/17/2021	5.8	-
1/19/2021	8.3	-
12/17/2020	7.5	-
11/10/2020	6.8	-
10/19/2020	9.5	-
9/22/2020	6.7	-
8/5/2020	9.7	-
7/15/2020	2.1	-
6/15/2020	7.8	-
5/15/2020	6.8	-
4/15/2020	6.4	-
3/23/2020	4.8	-
1/29/2020	9.1	-
12/19/2019	2.2	-
11/27/2019	6.9	-

KREGSA Well 5402047-017

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
10/31/2019	7.2	-
9/26/2019	6.5	-
8/19/2019	6.6	-
7/12/2019	2.5	-
6/11/2019	6	-
5/8/2019	4.8	-
4/11/2019	6.9	-
3/11/2019	3.6	-
2/5/2019	2.9	-
1/8/2019	5.5	-
12/5/2018	3.5	-
11/5/2018	8.6	-
10/9/2018	3	-
9/24/2018	2.7	-
9/20/2018	2.2	-
8/9/2018	7.2	-
7/4/2018	2.7	-
6/22/2018	6.6	-
5/11/2018	9.4	-
4/24/2018	5.6	-
3/20/2018	9	-
1/18/2018	5.3	-
12/5/2017	5.9	-
11/6/2017	5.9	-
9/12/2017	1.6	-
8/9/2017	5.4	-
6/12/2017	3	-
5/10/2017	4.3	-
4/4/2017	1.7	-
3/2/2017	4.2	-
2/2/2017	4.2	-
1/5/2017	1.3	-
12/1/2016	3.8	-
11/7/2016	1.6	-
9/1/2016	6.6	-
8/1/2016	6.3	-
7/7/2016	2.9	-
6/2/2016	1.5	-
5/9/2016	3.4	-

KREGSA Well 5402047-017

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
2/23/2016	7	-
9/28/2015	5.3	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 1000021-002

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
2/21/2023	2.1	-
2015-2021 Groundwater Quality Data		
3/12/2021	1.9	-
1/29/2021	1.6	-
12/17/2020	1.9	-
2/6/2020	1.8	-
7/25/2019	1.9	-
1/16/2019	1.8	-
7/18/2018	1.7	-
2/8/2018	1.7	-
2/13/2017	1.6	-
3/28/2016	1.7	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5410002-017

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
12/7/2022	4.7	-
2015-2021 Groundwater Quality Data		
12/20/2021	4.1	-
9/8/2021	4.2	-
9/9/2020	4	-
10/9/2019	3.6	-
9/12/2018	2.5	-
9/12/2017	3.3	-
9/20/2016	3.8	-
9/25/2015	3.8	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5400824-003

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
3/6/2023	5.8	-
2015-2021 Groundwater Quality Data		
3/15/2021	5.7	-
3/6/2020	4.9	-
4/29/2019	4.9	-
3/15/2019	4.7	-
11/30/2017	4.9	-
12/5/2016	4.1	-
7/27/2015	2.3	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5401003-001

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
7/31/2023	11	-
4/26/2023	11	-
3/24/2023	10	-
2/13/2023	11	-
1/26/2023	11	-
10/24/2022	11	-
2015-2021 Groundwater Quality Data		
10/28/2021	10	-
7/29/2021	9.8	-
4/28/2021	11	-
2/25/2021	10	-
10/27/2020	10	-
7/30/2020	10	-
4/24/2020	10	-
2/25/2020	9.2	-
1/22/2020	9.4	-
10/23/2019	9.3	-
7/22/2019	9.5	-
4/19/2019	8.9	-
2/19/2019	9.2	-
9/19/2018	11.5	-
4/26/2018	7.6	-
9/14/2017	8.8	-
Minimum Threshold	**13.8**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5400550-003

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
8/14/2023	5.5	-
5/12/2023	5.7	-
2/13/2023	5	-
11/7/2022	5.6	-
2015-2021 Groundwater Quality Data		
11/23/2021	6.7	-
9/30/2021	6.8	-
9/28/2021	6.9	-
8/23/2021	5.4	-
7/14/2021	5.2	-
6/28/2021	3.5	-
8/19/2020	5.6	-
7/13/2020	6	-
4/3/2020	6.5	-
2/7/2020	6.8	-
7/19/2019	5.3	-
5/31/2019	4.3	-
10/3/2018	6.5	-
7/9/2018	5.1	-
4/11/2018	5.8	-
4/4/2018	5.5	-
1/15/2018	5.6	-
10/6/2017	5.1	-
8/9/2017	5.2	-
7/12/2017	4.9	-
1/10/2017	5.9	-
10/3/2016	6.7	-
7/25/2016	5.9	-
4/6/2016	8	-
1/4/2016	6.7	-
12/21/2015	7.3	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 1010027-006

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
9/22/2023	4.6	-
9/12/2023	4.1	-
8/10/2023	7.5	-
7/12/2023	5.9	-
6/7/2023	4.8	-
2015-2021 Groundwater Quality Data		
9/8/2021	4.6	-
9/3/2020	4.6	-
11/20/2019	4.2	-
12/6/2018	4.2	-
12/6/2017	4.3	-
9/7/2017	5.9	-
12/7/2016	4.2	-
11/16/2015	4.2	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5410001-008

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
9/20/2023	4.9	-
8/4/2023	4.9	-
7/14/2023	4.9	-
6/9/2023	5.2	-
5/22/2023	4.9	-
4/12/2023	5.2	-
3/24/2023	5.3	-
2/8/2023	5.3	-
1/11/2023	4.5	-
12/9/2022	4.9	-
11/9/2022	4.8	-
10/14/2022	4.8	-
2015-2021 Groundwater Quality Data		
10/22/2021	5.2	-
8/25/2021	4.9	-
5/5/2021	5.1	-
2/3/2021	4.8	-
11/13/2020	4.9	-
8/5/2020	4.8	-
5/6/2020	4.8	-
2/5/2020	4.5	-
11/20/2019	4.4	-
8/22/2019	4.5	-
5/8/2019	4.6	-
2/20/2019	4.3	-
11/6/2018	4.8	-
8/7/2018	4.7	-
5/8/2018	4.7	-
2/6/2018	5	-
11/7/2017	4.9	-
8/1/2017	4.7	-
5/2/2017	4.8	-
2/7/2017	5.1	-
11/8/2016	5.2	-
8/2/2016	5	-
Minimum Threshold	**10**	**0.0002**

Notes:

Minimum Threshold values established by method pre

KREGSA Well 5410001-008

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)

- = Constituent not analyzed

Above Minimum Threshold

KREGSA Well 5403043-002

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
Water Year 2023 Groundwater Quality Data		
9/11/2023	5	-
8/14/2023	4.9	-
7/20/2023	4.5	-
6/5/2023	5.1	-
5/8/2023	4.8	-
4/18/2023	4.8	-
3/6/2023	5.1	-
2/13/2023	5	-
1/9/2023	4.6	-
12/12/2022	5	-
11/7/2022	4.9	-
10/24/2022	5	-
2015-2021 Groundwater Quality Data		
12/28/2021	5.3	-
11/23/2021	5.5	-
10/19/2021	5.4	-
9/28/2021	5.5	-
7/14/2021	5.8	-
6/28/2021	5.4	-
8/31/2020	6	-
8/17/2020	5.9	-
8/3/2020	6	-
7/22/2020	5.9	-
7/8/2020	5.8	-
6/22/2020	5.5	-
6/17/2020	5.1	-
6/3/2020	5.1	-
5/27/2020	5.8	-
5/11/2020	5.3	-
4/29/2020	5.8	-
4/13/2020	6.6	-
4/3/2020	5.6	-
3/18/2020	6.5	-
3/4/2020	5.5	-
2/11/2020	6	-
2/7/2020	6	-
12/18/2019	5.9	-
12/9/2019	5.5	-

KREGSA Well 5403043-002

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
11/25/2019	5.5	-
9/16/2019	5.8	-
8/19/2019	6.1	-
6/24/2019	6	-
5/29/2019	5.1	-
4/29/2019	7.9	-
4/8/2019	6	-
3/27/2019	5.7	-
3/13/2019	5.7	-
2/27/2019	5.7	-
2/11/2019	6	-
1/30/2019	5.8	-
1/2/2019	5.3	-
12/20/2018	6.2	-
11/26/2018	5.7	-
11/12/2018	6.2	-
10/29/2018	5.6	-
10/15/2018	5.7	-
10/1/2018	5.8	-
9/19/2018	5.4	-
9/4/2018	6.1	-
8/20/2018	6	-
7/23/2018	5.4	-
7/6/2018	5.6	-
6/28/2018	6.2	-
6/18/2018	5.9	-
6/7/2018	5.8	-
5/24/2018	5.4	-
5/15/2018	5.5	-
5/3/2018	5.5	-
4/27/2018	5.7	-
4/17/2018	5.6	-
4/13/2018	5.5	-
4/11/2018	5.7	-
4/3/2018	5.7	-
3/28/2018	5.6	-
3/20/2018	5.4	-
3/13/2018	5.6	-
3/9/2018	5.1	-

KREGSA Well 5403043-002

Sample Date	Nitrate as N (mg/L)	Dibromo-Chloropropane (DBCP) (mg/L)
2/27/2018	5.5	-
2/20/2018	5.4	-
2/13/2018	5.4	-
1/31/2018	5.7	-
1/23/2018	5.8	-
11/8/2017	5.4	-
10/2/2017	5.3	-
8/8/2017	5.7	-
7/14/2017	4.7	-
7/6/2017	5	-
6/19/2017	9.8	-
4/3/2017	5.6	-
3/2/2017	5.6	-
6/13/2016	5.8	-
5/2/2016	5.6	-
4/4/2016	5.9	-
3/7/2016	6.2	-
2/10/2016	6.2	-
1/21/2016	6	-
Minimum Threshold	**10**	**0.0002**

Notes:
Minimum Threshold values established by method pre
- = Constituent not analyzed
Above Minimum Threshold

McMullin Area Groundwater Sustainability Agency

MAGSA Well BMW-1R

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
2023 Groundwater Quality Data									
3/15/2023	-	430	-	210	-	9.2	-	0.00043	1400
2015-2021 Groundwater Quality Data									
10/14/2021	-	430	-	260	-	8.3	-	-	1300
7/15/2021	-	400	-	220	-	11	-	-	1300
4/6/2021	-	420	-	240	-	12	-	-	1200
1/25/2021	-	440	-	210	-	8.6	-	-	1300
10/20/2020	-	390	-	280	-	10	-	-	1300
9/22/2020	-	420	-	230	-	10	-	-	1300
8/18/2020	-	380	-	280	-	13	-	-	1400
Minimum Threshold	**0.01**	**500**	**0.05**	**NA**	**20**	**15.6**	**0.0002**	**0.000005**	**1680**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well DMW-21R

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
2023 Groundwater Quality Data									
3/16/2023	-	380	-	120	-	0.2	-	-	1400
2015-2021 Groundwater Quality Data									
10/18/2021	-	260	-	100	-	13	-	-	1600
7/16/2021	-	250	-	100	-	15	-	-	1900
4/7/2021	-	290	-	110	-	14	-	-	1600
1/26/2021	-	270	-	110	-	10	-	-	1400
10/21/2020	-	300	-	110	-	14	-	-	1600
9/23/2020	-	270	-	100	-	15	-	-	1800
8/19/2020	-	300	-	120	-	15	-	-	1500
Minimum Threshold	**0.01**	**500**	**0.05**	**NA**	**20**	**18**	**0.0002**	**0.000005**	**2280**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well DMW-17R

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
2023 Groundwater Quality Data									
3/15/2023	-	470	-	280	-	7.8	-	-	1400
2015-2021 Groundwater Quality Data									
10/14/2021	-	540	-	360	-	9.8	-	-	1600
7/15/2021	-	530	-	330	-	10	-	-	1500
4/6/2021	-	520	-	340	-	10	-	-	1400
1/25/2021	-	490	-	330	-	8.9	-	-	1500
10/20/2020	-	530	-	350	-	7.3	-	-	1400
9/22/2020	-	530	-	310	-	7.8	-	-	1600
8/18/2020	-	540	-	380	-	7	-	-	1700
Minimum Threshold	**0.01**	**648**	**0.05**	**NA**	**20**	**12**	**0.0002**	**0.000005**	**2040**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

MAGSA Well DMW-25R

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
2023 Groundwater Quality Data									
3/16/2023	-	370	-	150	-	9.4	-	0.0000046	1300
2015-2021 Groundwater Quality Data									
10/19/2021	-	390	-	170	-	12	-	-	1500
7/19/2021	-	500	-	190	-	12	-	-	1600
4/8/2021	-	430	-	180	-	11	-	-	1100
1/26/2021	-	350	-	160	-	9	-	-	1300
10/22/2020	-	440	-	200	-	11	-	-	1500
9/4/2020	-	490	-	220	-	12	-	-	1500
8/20/2020	-	470	-	220	-	12	-	-	1500
Minimum Threshold	**0.01**	**500**	**0.05**	**NA**	**20**	**14.4**	**0.0002**	**0.000005**	**1920**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1000317-001

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
6/9/2023	-	-	-	-	-	2	-	-	-
2015-2021 Groundwater Quality Data									
12/30/2020	-	-	-	-	-	ND	-	-	-
12/29/2017	-	-	-	-	-	8	-	-	-
Minimum Threshold	**0.01**	**500**	**0.05**		**20**	**10**	**0.0002**	**0.000005**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1000465-001

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
1/4/2021	-	-	-	-	-	0.42	-	0.000017	-
10/5/2020	-	-	-	-	-	3.6	-	0.000038	-
7/6/2020	-	-	-	-	-	6.2	-	0.000006	-
4/6/2020	-	-	-	-	-	1.3	-	0.000052	-
1/6/2020	-	-	-	-	-	1.7	-	0.000072	-
10/7/2019	-	-	-	-	7.2	3.3	-	0.000038	-
7/1/2019	-	-	-	-	-	5.4	-	0.000008	-
4/1/2019	0.0029	-	-	-	-	5.1	-	0.000016	-
1/7/2019	-	-	-	-	-	1.6	-	0.000056	-
10/1/2018	-	-	-	-	-	4.2	-	0.000029	-
7/2/2018	-	-	-	-	-	7.3	-	0.000011	-
4/2/2018	-	-	-	-	-	1.1	-	0.000032	-
1/31/2018	-	-	-	-	-	-	-	0.00005	-
1/2/2018	-	-	-	-	-	1.5	-	-	-
10/2/2017	-	-	-	-	-	3.2	-	-	-
7/25/2017	-	-	-	-	-	8.5	-	-	-
4/3/2017	-	-	-	-	-	9.6	-	-	-
1/3/2017	-	-	-	-	-	1.5	-	-	-
10/3/2016	-	-	-	-	-	7.3	-	-	-
8/1/2016	-	-	-	-	-	8.2	-	-	-
7/21/2016	-	-	-	-	-	8.9	-	-	-
4/7/2016	0.003	49	ND	37	-	11	-	-	-
3/7/2016	-	-	-	-	-	1.2	-	-	-
2/2/2016	-	-	-	-	-	1.2	-	-	-
1/4/2016	-	-	-	-	-	4.4	-	-	-
Minimum Threshold	**0.01**	**500**	**0.05**	**NA**	**20**	**13.2**	**0.0002**	**0.0000864**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1000551-001

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
1/10/2023	0.0073	7.2	ND	46	-	2.6	-	-	-
10/31/2022	-	-	-	-	-	2.8	-	-	-
2015-2021 Groundwater Quality Data									
2/23/2021	-	-	-	-	-	2.8	-	ND	-
8/26/2020	-	-	ND	-	-	-	-	-	-
4/9/2020	0.0065	7.3	-	47	-	-	-	-	-
3/18/2020	-	-	-	-	-	2.8	-	-	-
3/22/2019	-	-	-	-	-	2.5	-	-	-
10/17/2018	-	-	-	-	-	-	-	ND	-
7/5/2018	-	-	-	-	-	-	-	ND	-
6/20/2018	-	-	-	-	-	2.5	-	ND	-
4/4/2018	-	-	-	-	-	-	-	ND	-
1/29/2018	-	-	-	-	-	-	-	ND	-
4/19/2017	0.0074	6.8	ND	53	-	2.6	-	-	-
12/19/2016	-	-	-	-	-	2.6	-	-	-
3/4/2015	ND	-	-	50	-	-	-	-	-
Minimum Threshold	**0.01**	**500**	**0.05**	**NA**	**20**	**10**	**0.0002**	**0.000005**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1000560-001

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
11/16/2021	-	-	-	-	-	ND	-	-	-
11/17/2020	-	-	-	-	-	2.6	-	-	-
2/19/2019	-	-	-	-	-	ND	-	-	-
11/27/2018	-	-	-	-	-	ND	-	-	-
12/6/2016	-	-	-	-	-	ND	-	-	-
Minimum Threshold	**0.01**	**500**	**0.05**		**20**	**10**	**0.0002**	**0.000005**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1000602-003

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
7/12/2023	0.013	-	-	-	-	-	-	-	-
4/12/2023	0.014	-	-	-	-	0.42	-	-	-
1/18/2023	0.015	-	-	-	-	-	-	-	-
10/7/2022	0.014	-	-	-	-	-	-	-	-
2015-2021 Groundwater Quality Data									
10/13/2021	0.015	-	-	-	-	-	-	-	-
7/7/2021	0.014	-	-	-	-	-	-	-	-
4/7/2021	0.014	-	-	-	-	0.49	-	-	-
1/8/2021	0.015	-	-	-	-	-	-	-	-
10/6/2020	0.013	-	-	-	-	-	-	-	-
7/14/2020	0.015	-	-	-	-	-	-	-	-
4/2/2020	0.014	-	-	-	-	ND	-	-	-
1/21/2020	0.015	-	-	-	-	-	-	-	-
10/17/2019	0.013	-	-	-	-	-	-	-	-
7/3/2019	0.015	-	-	-	-	-	-	-	-
4/5/2019	0.014	-	-	-	-	ND	-	-	-
1/8/2019	0.015	-	-	-	-	ND	-	ND	-
10/23/2018	-	-	-	-	-	-	-	ND	-
10/4/2018	0.015	-	-	-	-	-	-	-	-
7/6/2018	0.015	-	-	-	-	-	-	ND	-
5/30/2018	-	-	-	-	-	-	-	ND	-
4/5/2018	0.015	-	-	-	-	-	-	-	-
1/3/2018	0.014	-	-	-	-	0.4	-	-	-
10/18/2017	0.013	-	-	-	-	-	-	-	-
7/7/2017	0.013	-	-	-	-	-	-	-	-
4/3/2017	0.012	-	-	-	-	-	-	-	-
1/5/2017	0.014	-	-	-	-	0.41	-	-	-
10/4/2016	0.014	-	-	-	-	-	-	-	-
7/1/2016	0.014	-	-	-	-	-	-	-	-
4/5/2016	0.014	-	-	-	-	-	-	-	-
2/18/2016	ND	-	-	-	-	-	-	-	-
2/11/2016	ND	-	-	-	-	-	-	-	-
2/3/2016	ND	-	-	-	-	-	-	-	-
1/28/2016	ND	-	-	-	-	-	-	-	-
1/4/2016	0.011	-	-	-	-	0.58	-	-	-
10/1/2015	0.014	-	-	-	-	-	-	-	-
4/1/2015	0.012	-	-	-	4.5	-	-	-	-
1/7/2015	0.011	-	-	-	4.8	-	-	-	-
Minimum Threshold	**0.018**	**500**	**0.05**		**20**	**10**	**0.0002**	**0.000005**	**1000**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

MAGSA Well 1000604-002

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
12/28/2021	0.037	-	-	-	-	-	-	-	-
5/3/2021	ND	-	-	-	-	-	-	-	-
12/16/2020	-	-	-	-	-	ND	-	-	-
8/26/2020	0.033	-	-	-	-	-	-	-	-
6/24/2020	0.035	-	-	-	-	-	-	-	-
3/11/2020	0.036	-	-	-	-	-	-	-	-
11/14/2019	-	-	-	-	-	2.84	-	-	-
11/5/2019	ND	-	-	-	-	-	-	-	-
5/2/2019	0.037	-	-	-	-	-	-	ND	-
2/6/2019	-	-	-	-	-	-	-	ND	-
12/12/2018	-	-	-	-	-	ND	-	-	-
10/30/2018	-	-	-	-	-	-	-	ND	-
8/2/2018	0.038	-	-	-	-	-	-	ND	-
8/15/2017	0.0304	-	-	-	-	-	-	-	-
12/29/2016	0.0341	-	-	-	-	-	-	-	-
12/15/2015	0.029	-	-	-	-	-	-	-	-
Minimum Threshold	**0.0456**	**500**	**0.05**		**20**	**10**	**0.0002**	**0.000005**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1000641-001

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
6/20/2023	-	-	-	-	-	ND	-	-	-
2015-2021 Groundwater Quality Data									
6/30/2021	0.0074	-	-	-	-	ND	-	-	-
6/16/2020	-	-	-	-	-	ND	-	-	-
6/11/2019	-	-	-	-	-	ND	-	-	-
4/8/2019	-	-	-	-	-	-	-	ND	-
1/2/2019	-	-	-	-	-	-	-	ND	-
6/26/2018	-	-	-	-	-	-	-	ND	-
6/25/2018	0.0074	16	ND	70	-	ND	-	-	-
3/5/2018	-	-	-	-	-	-	-	ND	-
Minimum Threshold	**0.01**	**500**	**0.05**	**NA**	**20**	**10**	**0.0002**	**0.000005**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

MAGSA Well 1009120-001

Sample Date	Arsenic (mg/L)	Chloride (mg/L)	Manganese (mg/L)	Sodium (mg/L)	Uranium (pCi/L)	Nitrate as N (mg/L)	DBCP (mg/L)	TCP (mg/L)	TDS (mg/L)
Water Year 2023 Groundwater Quality Data									
9/27/2023	ND	-	-	-	-	-	-	ND	-
6/30/2023	ND	-	-	-	-	-	-	ND	-
1/31/2023	-	-	-	-	-	3.7	-	-	-
12/31/2022	0.0041	91	ND	73	-	-	-	ND	-
2015-2021 Groundwater Quality Data									
12/29/2021	ND	-	-	-	-	ND	-	ND	-
9/30/2021	ND	-	-	-	-	-	-	ND	-
6/30/2021	ND	-	-	-	-	-	-	ND	-
3/30/2021	ND	-	-	-	-	-	-	ND	-
12/30/2020	ND	-	-	-	-	ND	-	ND	-
8/13/2020	ND	-	-	-	-	-	-	0.000005	-
5/5/2020	ND	-	-	-	-	-	-	ND	-
1/27/2020	0.0086	-	-	-	28	-	-	ND	-
12/27/2019	0.0085	-	-	-	-	-	-	ND	-
9/3/2019	-	-	-	-	-	-	-	ND	-
8/31/2019	0.0084	-	-	-	-	-	-	-	-
4/1/2019	0.0099	61	ND	64	-	3.7	-	ND	-
1/31/2019	0.0079	-	-	-	-	-	-	ND	-
12/27/2018	-	-	-	-	-	2.2	-	-	-
11/30/2018	ND	-	-	-	-	-	-	ND	-
8/31/2018	0.0075	-	-	-	-	-	-	ND	-
6/26/2018	0.0095	-	-	-	-	-	-	-	-
5/31/2018	-	-	-	-	-	-	-	ND	-
12/31/2017	0.0091	-	-	-	-	-	-	-	-
12/28/2017	-	-	-	-	-	ND	-	-	-
9/28/2017	0.0031	-	-	-	-	-	-	-	-
6/29/2017	0.0022	-	-	-	-	-	-	-	-
3/31/2017	0.0049	-	-	-	-	-	-	-	-
12/12/2016	0.009	-	-	-	-	3.6	-	-	-
6/30/2016	0.0097	-	-	-	-	-	-	-	-
2/11/2016	0.0099	49	ND	57	-	3.1	-	-	-
12/30/2015	ND	-	-	-	-	0.46	-	-	-
11/23/2015	ND	-	-	-	-	-	-	-	-
6/29/2015	ND	-	-	-	-	-	-	-	-
3/4/2015	0.011	-	-	-	-	-	-	-	-
Minimum Threshold	**0.0132**	**500**	**0.05**	**NA**	**33.6**	**10**	**0.0002**	**0.000006**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

North Fork Kings Groundwater Sustainability Agency

NFKGSA Well ZON-MW1C

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
2023 Groundwater Quality Data												
8/18/2022*												
2015-2021 Groundwater Quality Data												
2/19/2021	-	-	-	-	-	16	-	-	-	-	-	600
5/22/2020	-	-	-	-	-	19	-	-	-	-	-	680
2/19/2020	-	-	-	-	-	22	-	-	-	-	-	660
2/24/2016	-	-	-	-	-	8.4	-	-	-	-	-	640
2/23/2015	-	-	-	-	-	10	-	-	-	-	-	720
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**26.4**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
* = Due to delays in available reporting, this is the closest available data for water year 2023
Above Minimum Threshold

NFKGSA Well ZON-MW3B

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
2023 Groundwater Quality Data												
8/18/2022*						58						840
2015-2021 Groundwater Quality Data												
8/10/2021	-	-	-	-	-	34	-	-	-	-	-	610
2/19/2021	-	-	-	-	-	32	-	-	-	-	-	640
5/22/2020	-	-	-	-	-	45	-	-	-	-	-	680
2/19/2020	-	-	-	-	-	45	-	-	-	-	-	700
8/14/2019	-	-	-	-	-	49	-	-	-	-	-	780
5/21/2019	-	-	-	-	-	50	-	-	-	-	-	730
2/20/2019	-	-	-	-	-	48	-	-	-	-	-	600
11/29/2018	-	-	-	-	-	52	-	-	-	-	-	800
8/8/2018	-	-	-	-	-	51	-	-	-	-	-	780
5/11/2018	-	-	-	-	-	51	-	-	-	-	-	750
2/21/2018	-	-	-	-	-	52	-	-	-	-	-	640
11/28/2017	-	-	-	-	-	52	-	-	-	-	-	800
8/23/2017	-	-	-	-	-	51	-	-	-	-	-	620
5/11/2017	-	-	-	-	-	46	-	-	-	-	-	680
3/31/2017	-	-	-	-	-	46	-	-	-	-	-	700
11/10/2016	-	-	-	-	-	47	-	-	-	-	-	750
8/8/2016	-	-	-	-	-	48	-	-	-	-	-	760
5/6/2016	-	-	-	-	-	49	-	-	-	-	-	770
2/24/2016	-	-	-	-	-	48	-	-	-	-	-	690
11/18/2015	-	-	-	-	-	53	-	-	-	-	-	690
8/24/2015	-	-	-	-	-	56	-	-	-	-	-	780
5/15/2015	-	-	-	-	-	55	-	-	-	-	-	900
2/23/2015	-	-	-	-	-	55	-	-	-	-	-	820
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**67.2**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
* = Due to delays in available reporting, this is the closest available data for water year 2023
Above Minimum Threshold

NFKGSA Well 1000053-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
2015-2021 Groundwater Quality Data												
10/1/2018	11	-	-	-	-	-	ND	-	-	-	-	-
7/2/2018	10	-	-	-	-	-	ND	-	-	-	-	-
4/2/2018	17	-	-	-	-	-	ND	-	-	-	-	-
1/31/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/2/2018	7.3	-	-	ND	-	ND	-	-	-	-	-	-
10/2/2017	7.3	-	-	ND	-	-	-	-	-	3.9	0.097	800
7/13/2017	6.2	-	-	4.53	-	-	-	-	-	-	-	-
4/3/2017	15	-	-	5.54	-	-	-	-	-	-	-	-
1/3/2017	21	-	-	-	-	ND	-	-	-	-	-	-
10/20/2016	14	-	-	-	-	-	-	-	-	-	-	-
7/21/2016	14	-	-	-	-	-	-	-	-	-	-	-
4/7/2016	17	-	1700	-	9.2	ND	-	-	ND	-	-	-
1/4/2016	2.9	-	-	-	-	-	-	-	-	-	-	-
12/8/2015	19	-	-	-	-	ND	-	-	-	-	-	-
3/24/2015	15	-	-	-	-	-	-	-	-	-	-	-
Minimum Threshold	**25.2**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.1164**	**1000**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NFKGSA Well 1000627-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
8/22/2023	27	-	-	13.7	-	7	-	19	-	-	-	-
5/23/2023	25	-	-	25.5	-	8.1	-	21	-	-	-	-
2/21/2023	30	-	-	19.1	-	7.2	-	25	-	-	-	-
10/13/2022	22	-	-	22.2	-	11	-	27	-	-	-	-
2015-2021 Groundwater Quality Data												
10/21/2021	20	-	-	15.5	-	10	-	-	-	-	-	-
7/8/2021	16	-	-	21	-	15	-	22	-	-	-	-
4/15/2021	20	-	-	16.4	-	11	-	18	-	-	-	-
1/14/2021	21	-	-	15.7	-	8.9	ND	14	-	-	-	-
10/8/2020	21	-	-	15.1	-	9.8	-	15	-	-	-	-
7/16/2020	20	-	-	15.4	-	11	-	-	-	-	-	-
4/9/2020	22	-	-	19.1	-	7.7	-	14	-	-	-	-
1/9/2020	20	-	-	16.2	-	9.8	-	17	-	-	-	-
12/20/2019	-	-	-	-	-	-	-	15	-	-	-	-
10/10/2019	19	-	-	18.6	-	9.7	-	-	-	-	-	-
7/11/2019	21	-	-	17.6	-	9.1	-	-	-	-	-	-
4/11/2019	21	-	-	14.6	-	10	-	18	-	-	-	-
1/10/2019	22	-	360	11.1	ND	8.7	-	18	ND	ND	ND	280
10/10/2018	18	-	-	17.6	-	12	ND	-	-	-	-	-
7/12/2018	19	-	-	13.1	-	10	ND	-	-	-	-	-
4/17/2018	21	-	-	20.1	-	11	ND	-	-	-	-	-
2/8/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/11/2018	22	-	-	19.6	-	9.3	-	-	-	-	-	-
10/24/2017	-	-	-	-	-	11	-	-	-	-	-	-
10/12/2017	19	-	-	33.2	-	-	-	-	-	-	-	-
7/13/2017	19	-	-	26.7	-	10	-	-	-	-	-	-
4/13/2017	21	-	-	24.7	-	9.3	-	-	-	-	-	-
1/12/2017	21	-	-	27.9	-	9.1	-	-	-	-	-	-
10/13/2016	13	-	-	39.8	-	13	-	-	-	-	-	-
7/14/2016	13	-	-	30.5	-	21	ND	43	-	-	-	-
4/12/2016	16	-	-	17.9	-	13	-	38	-	-	-	-
2/10/2016	20	-	380	15.1	ND	7.8	-	-	ND	ND	ND	280
11/5/2015	-	-	-	17.9	-	-	-	-	-	-	-	-
10/6/2015	15	-	-	24.3	-	11	-	22	-	-	-	-
7/9/2015	18	-	-	-	-	-	-	-	-	-	-	-
4/9/2015	16	-	-	16.4	-	-	-	15	-	-	-	-
1/8/2015	21	-	-	-	-	-	-	-	-	-	-	-
Minimum Threshold	**26.4**	**50**	**2000**	**47.76**	**15**	**25.2**	**0.005**	**51.6**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000369-002

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
8/22/2023	32	-	-	-	-	-	-	-	210	-	-	-
5/23/2023	31	-	-	-	-	-	-	-	230	-	-	-
2/21/2023	33	-	530	-	1.5	ND	-	-	270	0.23	ND	330
10/13/2022	32	-	-	-	-	-	-	-	230	-	-	-
2015-2021 Groundwater Quality Data												
10/21/2021	32	-	-	-	-	-	-	-	200	-	-	-
7/8/2021	32	-	-	-	-	-	-	-	300	-	-	-
4/15/2021	33	-	-	-	-	-	-	-	270	-	-	-
1/14/2021	33	-	-	-	-	ND	ND	-	360	-	-	-
12/30/2020	-	-	-	-	-	-	-	-	370	-	-	-
10/8/2020	33	-	-	-	-	-	-	-	-	-	-	-
7/16/2020	34	-	-	-	-	-	-	-	-	-	-	-
4/9/2020	33	-	-	-	-	-	-	-	-	-	-	-
2/13/2020	33	-	810	-	ND	0.41	-	-	310	0.29	ND	180
1/9/2020	31	-	940	-	ND	ND	-	-	480	0.37	ND	180
10/10/2019	31	-	-	-	-	-	-	-	350	-	-	-
7/11/2019	33	-	-	-	-	-	-	-	380	-	-	-
4/11/2019	33	-	-	-	-	-	-	-	220	-	-	-
1/10/2019	34	-	-	5.03	-	ND	-	-	350	-	-	-
10/10/2018	35	-	-	-	-	-	ND	-	400	-	-	-
7/12/2018	34	-	-	-	-	-	ND	-	270	-	-	-
4/17/2018	33	-	-	-	-	-	ND	-	280	-	-	-
2/8/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/11/2018	37	-	-	-	-	ND	-	-	250	-	-	-
10/24/2017	-	-	-	-	-	-	-	-	-	0.24	ND	160
10/12/2017	33	-	-	-	-	-	-	-	310	-	-	-
7/13/2017	32	-	-	-	-	-	-	-	270	-	-	-
4/13/2017	33	-	-	-	-	-	-	-	340	-	-	-
1/12/2017	34	-	750	-	ND	ND	-	-	260	-	-	-
10/13/2016	28	-	-	-	-	-	-	-	-	-	-	-
7/14/2016	32	-	-	-	-	0.41	ND	-	-	-	-	-
4/12/2016	32	-	-	-	-	-	-	-	-	-	-	-
1/27/2016	-	-	-	-	-	9.3	-	-	-	-	-	-
1/5/2016	16	-	-	-	-	11	-	-	-	-	-	-
10/6/2015	31	-	-	-	-	-	-	-	-	-	-	-
7/9/2015	35	-	-	-	-	-	-	-	-	-	-	-
4/9/2015	41	-	-	-	-	-	-	-	-	-	-	-
3/16/2015	32	-	-	-	-	-	-	-	-	-	-	-
1/8/2015	32	-	-	-	-	-	-	-	-	-	-	-
Minimum Threshold	**49.2**	**50**	**2000**	**15**	**15**	**13.2**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010020-005

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
9/6/2023	-	-	-	-	-	0.4	-	-	-	-	-	100
8/30/2023	ND	-	ND	-	ND	0.47	-	-	ND	ND	ND	110
8/2/2023	-	-	-	-	-	2.4	-	-	-	-	-	260
7/6/2023	-	-	-	-	-	0.64	-	-	-	-	-	100
6/28/2023	2	-	ND	-	ND	0.39	-	-	ND	ND	ND	110
6/7/2023	-	-	-	-	-	0.38	-	-	-	-	-	99
5/3/2023	-	-	-	-	-	0.45	-	-	-	-	-	120
4/5/2023	-	-	-	-	-	0.4	-	-	-	-	-	89
3/1/2023	-	-	-	-	-	0.4	-	-	-	-	-	84
2/1/2023	-	-	-	-	-	0.37	-	-	-	-	-	86
1/4/2023	-	-	-	-	-	0.39	-	-	-	-	-	87
12/7/2022	-	-	-	-	-	0.62	-	-	-	-	-	97
11/3/2022	-	-	-	-	-	0.38	-	-	-	-	-	90
10/5/2022	-	-	-	-	-	0.88	-	-	-	-	-	110
2015-2021 Groundwater Quality Data												
12/6/2021	-	-	-	-	-	0.38	-	-	-	-	-	52
12/1/2021	-	-	-	-	-	-	-	-	-	-	-	96
11/3/2021	-	-	-	-	-	0.69	-	-	-	-	-	97
10/6/2021	-	-	-	-	-	0.52	-	-	-	-	-	97
9/1/2021	-	-	-	-	-	0.37	-	-	-	-	-	91
8/4/2021	-	-	-	-	-	0.33	-	-	-	-	-	94
7/7/2021	-	-	-	-	-	ND	-	-	-	-	-	88
6/2/2021	-	-	-	-	-	ND	-	-	-	-	-	94
5/5/2021	-	-	-	-	-	ND	-	-	-	-	-	95
4/8/2021	-	-	-	-	-	ND	-	-	-	-	-	92
3/3/2021	-	-	-	-	-	ND	-	-	-	-	-	95
2/3/2021	-	-	-	-	-	ND	-	-	-	-	-	89
1/7/2021	-	-	-	-	-	ND	-	-	-	-	-	91
12/2/2020	-	-	-	-	-	0.44	-	-	-	-	-	94
11/18/2020	-	-	-	-	-	ND	-	-	-	-	-	91
9/2/2020	-	-	-	-	-	ND	-	-	-	-	-	93
8/31/2020	ND	-	ND	-	ND	ND	-	-	ND	0.16	ND	95
8/5/2020	-	-	-	-	-	0.46	-	-	-	-	-	91
7/1/2020	-	-	-	-	-	ND	-	-	-	-	-	92
6/3/2020	-	-	-	-	-	0.53	-	-	-	-	-	96
5/1/2020	-	-	-	-	-	0.44	-	-	-	-	-	100
4/1/2020	-	-	-	-	-	0.49	-	-	-	-	-	96
3/4/2020	-	-	-	-	-	ND	-	-	-	-	-	99
2/5/2020	-	-	-	-	-	ND	-	-	-	-	-	100
1/9/2020	-	-	-	-	-	ND	-	-	-	-	-	96
11/6/2019	-	-	-	-	-	ND	-	-	-	-	-	100
8/28/2019	-	-	-	-	-	ND	-	-	-	-	-	-
8/7/2019	-	-	-	-	-	ND	-	-	-	-	-	92
5/9/2019	-	-	-	-	-	ND	-	-	-	-	-	85
2/20/2019	-	-	-	-	-	-	ND	-	-	-	-	-
2/6/2019	-	-	-	-	-	ND	-	-	-	-	-	90
11/30/2018	-	-	-	-	-	-	ND	-	-	-	-	-
11/8/2018	-	-	-	-	-	0.41	-	-	-	-	-	94
8/22/2018	-	-	-	-	-	ND	ND	-	-	-	-	-
5/23/2018	-	-	-	-	-	-	ND	-	-	-	-	-
2/15/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/4/2018	-	-	-	-	-	ND	-	-	-	-	-	95
12/5/2017	-	-	-	-	-	ND	-	-	-	-	-	92
11/3/2017	-	-	-	-	-	ND	-	-	-	-	-	90
10/3/2017	-	-	-	-	-	ND	-	-	-	-	-	88
8/28/2017	ND	-	ND	-	ND	ND	ND	-	ND	ND	ND	89
8/22/2016	-	-	-	-	-	ND	ND	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000186-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
7/18/2023	-	-	-	-	-	-	-	-	-	0.2	0.16	-
4/18/2023	9.5	-	310	-	ND	ND	-	-	160	0.34	0.13	450
2015-2021 Groundwater Quality Data												
10/19/2021	-	-	-	-	-	-	ND	-	-	-	-	-
4/20/2021	-	-	-	-	-	ND	-	-	-	-	-	-
4/21/2020	7.9	-	300	-	ND	ND	-	-	150	0.34	0.12	450
4/15/2019	-	-	-	ND	-	ND	-	-	-	-	-	-
10/29/2018	-	-	-	-	ND	-	-	-	-	-	-	-
10/15/2018	-	-	-	-	-	-	ND	-	-	-	-	-
7/12/2018	-	-	-	-	-	-	ND	-	-	-	-	-
4/10/2018	-	-	-	-	-	ND	ND	-	-	-	-	-
1/9/2018	-	-	-	-	-	-	ND	-	-	-	-	-
4/11/2017	2.8	-	350	-	ND	ND	-	-	ND	0.27	0.16	530
4/14/2016	-	-	-	-	-	ND	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.192**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010028-005

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
2015-2021 Groundwater Quality Data												
3/16/2018	-	-	-	-	-	-	ND	-	-	-	-	-
2/8/2018	-	-	-	-	-	ND	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010028-004

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
2015-2021 Groundwater Quality Data												
5/19/2021	15	-	1800	1.45	31	ND	-	-	120	-	-	-
3/16/2018	-	-	-	-	-	-	ND	-	-	-	-	-
Minimum Threshold	**18**	**50**	**2000**	**15**	**37.2**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1600017-002

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
2015-2021 Groundwater Quality Data												
3/30/2015	24	-	-	2.8	-	-	-	-	-	-	-	-
Minimum Threshold	**28.8**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000182-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
8/22/2023	-	-	-	-	-	-	-	-	-	-	0.23	-
5/10/2023	-	-	-	-	-	-	-	-	-	-	0.22	-
2/13/2023	-	-	-	-	-	-	-	-	-	-	0.25	-
1/16/2023	-	-	-	-	-	ND	-	-	-	-	-	-
11/15/2022	-	-	-	-	-	-	-	-	-	-	0.24	-
2015-2021 Groundwater Quality Data												
11/16/2021	-	-	-	-	-	ND	ND	-	-	-	0.22	-
8/24/2021	-	-	-	-	-	-	-	-	-	-	0.21	-
5/5/2021	-	-	-	-	-	-	-	-	-	-	0.21	-
2/22/2021	-	-	-	-	-	-	-	-	-	-	0.29	-
1/19/2021	-	-	-	-	-	ND	-	-	-	-	-	-
11/17/2020	ND	-	490	-	ND	ND	-	-	ND	3.6	0.26	530
8/18/2020	-	-	-	-	-	-	-	-	-	-	0.23	-
2/24/2020	-	-	-	-	-	-	-	-	-	-	0.2	-
1/20/2020	-	-	-	-	-	ND	-	-	-	-	-	-
11/13/2019	-	-	-	-	-	-	-	-	-	-	0.2	-
8/21/2019	ND	-	480	-	ND	ND	-	-	ND	0.2	0.17	620
2/26/2019	-	-	-	-	-	-	-	-	-	-	0.22	-
1/16/2019	-	-	-	-	-	ND	-	-	-	-	-	-
12/17/2018	-	-	-	ND	-	-	-	-	-	-	-	-
11/27/2018	-	-	-	-	-	-	ND	-	-	-	0.23	-
8/14/2018	-	-	-	-	-	-	ND	-	-	-	0.2	-
5/16/2018	-	-	-	-	-	-	ND	-	-	-	0.22	-
2/26/2018	-	-	-	-	-	-	ND	-	-	-	0.26	-
1/23/2018	-	-	-	-	-	ND	-	-	-	-	-	-
12/12/2017	-	-	-	-	-	ND	-	-	-	-	0.23	-
8/16/2016	ND	-	530	-	ND	ND	-	-	ND	0.24	0.2	500
4/29/2016	-	-	-	-	-	0.59	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.348**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000053-002

Sample Date	Arsenic (μg/L)	Chromium - Total (μg/L)	Fluoride (μg/L)	Gross Alpha (pCi/L)	Lead (μg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (μg/L)	Uranium (pCi/L)	Aluminum (μg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
2015-2021 Groundwater Quality Data												
10/1/2018	20	-	-	3.78	-	-	ND	-	-	-	-	-
7/2/2018	20	-	-	ND	-	-	ND	-	-	-	-	-
4/2/2018	22	-	-	ND	-	-	ND	-	-	-	-	-
1/31/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/2/2018	21	-	-	-	-	ND	-	-	-	-	-	-
10/2/2017	19	-	-	-	-	-	-	-	-	ND	ND	580
7/13/2017	18	-	-	-	-	-	-	-	-	-	-	-
4/3/2017	21	-	-	-	-	-	-	-	-	-	-	-
1/3/2017	20	-	-	7.3	-	ND	-	-	-	-	-	-
10/6/2016	20	-	-	ND	-	-	-	-	-	-	-	-
7/21/2016	17	-	-	ND	-	-	-	-	-	-	-	-
4/7/2016	20	-	1300	ND	ND	ND	-	-	ND	-	-	-
1/4/2016	20	-	-	ND	-	-	-	-	-	-	-	-
10/5/2015	19	-	-	ND	-	-	-	-	-	-	-	-
7/6/2015	18	-	-	ND	-	-	-	-	-	-	-	-
5/5/2015	18	-	-	3.58	-	-	-	-	-	-	-	-
1/6/2015	14	-	-	ND	-	-	-	-	-	-	-	-
Minimum Threshold	**26.4**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010028-009

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
3/8/2023	-	-	-	-	-	0.2	-	-	-	-	-	-
1/9/2023	5.2	-	-	-	-	-	-	-	-	-	-	-
2015-2021 Groundwater Quality Data												
12/28/2021	-	-	-	-	-	-	ND	-	-	-	-	-
3/9/2021	8.7	-	2500	-	ND	ND	-	-	ND	ND	ND	640
3/23/2020	-	-	-	-	-	ND	-	-	-	-	-	-
3/8/2019	-	-	-	ND	-	ND	-	-	-	-	-	-
12/10/2018	-	-	-	ND	-	-	ND	-	-	-	-	-
9/12/2018	-	-	-	-	-	-	ND	-	-	-	-	-
6/19/2018	-	-	-	ND	-	-	ND	-	-	-	-	-
3/19/2018	-	-	-	-	-	ND	-	-	-	-	-	-
3/16/2018	6.1	-	1800	ND	ND	-	ND	-	ND	ND	ND	680
3/2/2017	-	-	-	ND	-	ND	-	-	-	-	-	-
3/2/2015	6.2	-	2500	ND	ND	-	-	-	ND	ND	ND	610
1/6/2015	3.9	-	-	-	-	-	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**3000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010020-003

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
9/6/2023	-	-	-	-	-	0.39	-	-	-	-	-	98
8/2/2023	-	-	-	-	-	0.38	-	-	-	-	-	95
7/6/2023	-	-	-	-	-	3.8	-	-	-	-	-	260
6/28/2023	-	-	-	5.89	-	-	-	-	-	-	-	-
6/7/2023	-	-	-	-	-	2.6	-	-	-	-	-	220
5/3/2023	-	-	-	-	-	2.8	-	-	-	-	-	210
4/5/2023	-	-	-	-	-	0.23	-	-	-	-	-	98
3/1/2023	-	-	-	-	-	2.3	-	-	-	-	-	190
2/1/2023	-	-	-	-	-	2.9	-	-	-	-	-	210
1/4/2023	-	-	-	-	-	2.4	-	-	-	-	-	190
12/7/2022	-	-	-	-	-	0.76	-	-	-	-	-	95
11/3/2022	-	-	-	-	-	2.2	-	-	-	-	-	180
10/5/2022	-	-	-	-	-	2.5	-	-	-	-	-	210
2015-2021 Groundwater Quality Data												
12/6/2021	-	-	-	-	-	3.4	-	-	-	-	-	220
12/1/2021	-	-	-	-	-	-	-	-	-	-	-	220
11/3/2021	-	-	-	-	-	2.4	-	-	-	-	-	210
10/6/2021	-	-	-	-	-	2.9	-	-	-	-	-	210
9/1/2021	-	-	-	-	-	2.1	-	-	-	-	-	180
8/4/2021	-	-	-	-	-	2	-	-	-	-	-	190
7/7/2021	-	-	-	-	-	3.1	-	-	-	-	-	200
6/2/2021	-	-	-	-	-	0.91	-	-	-	-	-	120
5/5/2021	-	-	-	-	-	0.42	-	-	-	-	-	98
4/8/2021	-	-	-	-	-	0.46	-	-	-	-	-	93
3/3/2021	-	-	-	-	-	3.4	-	-	-	-	-	230
2/26/2021	-	-	-	-	-	-	ND	-	-	-	-	-
2/3/2021	-	-	-	-	-	3.4	-	-	-	-	-	220
1/7/2021	-	-	-	-	-	2.6	-	-	-	-	-	190
12/2/2020	-	-	-	-	-	3.3	-	-	-	-	-	220
11/18/2020	-	-	-	-	-	2.7	-	-	-	-	-	200
10/7/2020	-	-	-	-	-	2.1	-	-	-	-	-	190
9/2/2020	-	-	-	-	-	3.3	-	-	-	-	-	220
8/31/2020	-	-	-	-	-	3.4	-	-	-	-	-	-
8/5/2020	-	-	-	-	-	3.1	-	-	-	-	-	190
7/1/2020	-	-	-	-	-	1	-	-	-	-	-	120
6/3/2020	-	-	-	-	-	3.1	-	-	-	-	-	230
5/1/2020	-	-	-	-	-	1.9	-	-	-	-	-	200
4/1/2020	-	-	-	-	-	2.3	-	-	-	-	-	200
3/4/2020	-	-	-	-	-	2.2	-	-	-	-	-	200
2/5/2020	-	-	-	-	-	2.3	-	-	-	-	-	200
1/9/2020	-	-	-	-	-	2.4	-	-	-	-	-	200
12/5/2019	-	-	-	-	-	2.9	-	-	-	-	-	210
9/5/2019	-	-	-	-	-	2.1	-	-	-	-	-	200
8/28/2019	ND	-	ND	-	ND	4	-	-	ND	0.28	ND	220
6/5/2019	-	-	-	-	-	ND	-	-	-	-	-	97
3/7/2019	-	-	-	-	-	3.7	-	-	-	-	-	200
12/6/2018	-	-	-	-	-	1.9	-	-	-	-	-	170
11/30/2018	-	-	-	-	-	-	ND	-	-	-	-	-
9/5/2018	-	-	-	-	-	2	-	-	-	-	-	170
8/22/2018	-	-	-	-	-	1.9	ND	-	-	-	-	-
6/6/2018	-	-	-	-	-	1.7	-	-	-	-	-	160
5/23/2018	-	-	-	-	-	-	ND	-	-	-	-	-
5/4/2018	-	-	-	-	-	1.9	-	-	-	-	-	180
4/5/2018	-	-	-	-	-	3.9	-	-	-	-	-	220
3/21/2018	-	-	-	8.56	-	-	-	9.7	-	-	-	-
3/2/2018	-	-	-	-	-	4.2	-	-	-	-	-	210
2/15/2018	-	-	-	17.1	-	3.8	ND	19	-	-	-	-
2/9/2018	-	-	-	-	-	1.7	-	-	-	-	-	180
12/29/2016	ND	-	ND	-	ND	2.7	-	-	ND	0.61	ND	180
12/6/2016	-	-	-	-	-	ND	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**20.52**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000445-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
2015-2021 Groundwater Quality Data												
12/6/2021	-	-	-	-	-	-	-	19	-	-	-	-
11/1/2021	-	-	-	-	-	-	-	19	-	-	-	-
10/4/2021	-	-	-	25	-	-	ND	30	-	-	-	-
9/9/2021	-	-	-	-	-	-	-	27	-	-	-	-
8/2/2021	-	-	-	-	-	-	-	28	-	-	-	-
7/6/2021	-	-	-	22.5	-	-	-	26	-	-	-	-
6/1/2021	-	-	-	-	-	-	-	27	-	-	-	-
5/3/2021	-	-	-	-	-	-	-	28	-	-	-	-
4/5/2021	-	-	-	26.6	-	0.82	-	29	-	-	-	-
3/1/2021	-	-	-	-	-	-	-	20	-	-	-	-
2/1/2021	-	-	-	-	-	-	-	25	-	-	-	-
1/4/2021	-	-	-	21.1	-	-	-	24	-	-	-	-
12/1/2020	-	-	-	-	-	-	-	22	-	-	-	-
11/2/2020	-	-	-	-	-	-	-	24	-	-	-	-
10/5/2020	-	-	-	27.4	-	-	-	25	-	-	-	-
9/1/2020	-	-	-	-	-	-	-	23	-	-	-	-
8/21/2020	-	-	-	-	-	-	-	23	-	-	-	-
8/11/2020	-	-	-	-	-	-	-	23	-	-	-	-
8/6/2020	-	-	-	-	-	-	-	23	-	-	-	-
8/3/2020	-	-	-	-	-	-	-	24	-	-	-	-
7/30/2020	-	-	-	-	-	-	-	1.1	-	-	-	-
7/6/2020	-	-	-	28.6	-	-	-	24	-	-	-	-
6/1/2020	-	-	-	-	-	-	-	22	-	-	-	-
5/4/2020	-	-	-	-	-	-	-	25	-	-	-	-
4/6/2020	-	-	-	9.34	-	ND	-	21	-	-	-	-
3/2/2020	-	-	-	-	-	-	-	21	-	-	-	-
2/24/2020	-	-	-	-	-	-	-	22	-	-	-	-
2/20/2020	-	-	-	-	-	-	-	21	-	-	-	-
2/18/2020	-	-	-	-	-	-	-	23	-	-	-	-
2/13/2020	-	-	-	-	-	-	-	24	-	-	-	-
1/31/2020	-	-	-	-	-	-	-	24	-	-	-	-
1/15/2020	-	-	-	-	-	-	-	ND	-	-	-	-
1/6/2020	-	-	-	10.2	-	-	-	20	-	-	-	-
12/2/2019	-	-	-	-	-	-	-	21	-	-	-	-
11/4/2019	-	-	-	-	-	-	-	20	-	-	-	-
10/7/2019	-	-	-	-	-	-	-	24	-	-	-	-
9/5/2019	-	-	-	-	-	-	-	24	-	-	-	-
8/5/2019	-	-	-	-	-	-	-	23	-	-	-	-
7/1/2019	-	-	-	15.1	-	-	-	21	-	-	-	-
6/3/2019	-	-	-	-	-	-	-	21	-	-	-	-
5/6/2019	-	-	-	-	-	-	-	20	-	-	-	-
4/1/2019	ND	-	ND	38.8	ND	ND	-	20	ND	ND	0.78	4100
3/4/2019	-	-	-	-	-	-	-	23	-	-	-	-
2/4/2019	-	-	-	-	-	-	-	20	-	-	-	-
1/7/2019	-	-	-	26.7	-	-	-	21	-	-	-	-
12/3/2018	-	-	-	-	-	-	-	21	-	-	-	-
11/8/2018	-	-	-	-	-	-	-	21	-	-	-	-
10/1/2018	-	-	-	27.4	-	-	ND	24	-	-	-	-
9/4/2018	-	-	-	-	-	-	-	19	-	-	-	-
8/6/2018	-	-	-	-	-	-	-	21	-	-	-	-
7/2/2018	-	-	-	21.7	-	ND	ND	21	-	-	-	-
6/4/2018	-	-	-	-	-	-	-	21	-	-	-	-
5/7/2018	-	-	-	-	-	-	-	23	-	-	-	-
4/2/2018	-	-	-	32.7	-	-	ND	20	-	-	-	-
3/5/2018	-	-	-	-	-	-	-	20	-	-	-	-
2/5/2018	-	-	-	-	-	-	-	20	-	-	-	-
1/31/2018	-	-	-	-	-	-	ND	-	-	-	-	-
12/4/2017	-	-	-	-	-	-	-	19	-	-	-	-
11/20/2017	-	-	-	30.2	-	-	-	22	-	-	-	-
7/25/2017	-	-	-	22.7	-	ND	-	18	-	-	-	-
6/28/2017	-	-	-	-	-	ND	-	-	-	-	-	-
4/13/2017	-	-	-	25.2	-	-	-	22	-	-	0.77	3800
1/11/2017	-	-	-	29	-	-	-	19	-	-	0.77	3800
1/6/2017	-	-	-	-	-	-	-	-	-	-	ND	200
10/28/2016	-	-	-	-	-	-	-	-	-	-	0.77	4300
10/21/2016	-	-	-	29.5	-	-	-	19	-	-	-	-
7/14/2016	-	-	-	26.9	-	-	-	18	-	-	-	-
6/8/2016	ND	-	ND	-	ND	ND	ND	-	ND	ND	0.76	4000
4/21/2016	-	-	-	30.5	-	-	-	19	-	-	-	-
1/14/2016	-	-	-	16.6	-	-	-	17	-	-	-	-

NFKGSA Well 1000445-001

Sample Date	Arsenic (μg/L)	Chromium - Total (μg/L)	Fluoride (μg/L)	Gross Alpha (pCi/L)	Lead (μg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (μg/L)	Uranium (pCi/L)	Aluminum (μg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
10/14/2015	-	-	-	29.6	-	-	-	20	-	-	-	-
7/8/2015	-	-	-	28.4	-	-	-	20	-	-	-	-
4/15/2015	-	-	-	30.1	-	-	-	23	-	-	-	-
1/15/2015	-	-	-	24.3	-	-	-	19	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**46.56**	**15**	**10**	**0.005**	**36**	**1000**	**300**	**0.936**	**5160**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010020-004

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
9/6/2023	-	-	-	-	-	0.65	-	-	-	-	-	140
8/30/2023	-	-	-	3.74	-	-	-	-	-	-	-	-
8/2/2023	-	-	-	-	-	1.3	-	-	-	-	-	150
7/6/2023	-	-	-	-	-	1.3	-	-	-	-	-	150
6/28/2023	-	-	-	5.89	-	-	-	6.1	-	-	-	-
6/7/2023	-	-	-	-	-	0.75	-	-	-	-	-	130
5/3/2023	-	-	-	-	-	1.5	-	-	-	-	-	160
4/5/2023	-	-	-	-	-	1.2	-	-	-	-	-	150
3/1/2023	-	-	-	-	-	1.6	-	-	-	-	-	150
2/1/2023	-	-	-	-	-	1.2	-	-	-	-	-	140
1/4/2023	-	-	-	-	-	0.43	-	-	-	-	-	87
12/7/2022	-	-	-	-	-	0.85	-	-	-	-	-	94
11/28/2022	-	-	-	-	-	-	ND	-	-	-	-	-
11/3/2022	-	-	-	-	-	1.3	-	-	-	-	-	140
10/5/2022	-	-	-	-	-	1.5	-	-	-	-	-	160
2015-2021 Groundwater Quality Data												
12/6/2021	-	-	-	-	-	1.2	-	-	-	-	-	130
12/1/2021	-	-	-	-	-	-	-	-	-	-	-	140
11/3/2021	-	-	-	-	-	1.3	-	-	-	-	-	130
10/6/2021	-	-	-	-	-	1.2	-	-	-	-	-	130
9/15/2021	ND	-	ND	-	ND	1.1	-	-	ND	ND	ND	110
9/1/2021	-	-	-	-	-	0.91	-	-	-	-	-	130
8/4/2021	-	-	-	-	-	1	-	-	-	-	-	130
7/7/2021	-	-	-	-	-	0.88	-	-	-	-	-	120
6/2/2021	-	-	-	-	-	0.94	-	-	-	-	-	120
5/5/2021	-	-	-	-	-	0.95	-	-	-	-	-	120
4/8/2021	-	-	-	-	-	0.47	-	-	-	-	-	93
3/3/2021	-	-	-	-	-	0.57	-	-	-	-	-	120
2/3/2021	-	-	-	-	-	1	-	-	-	-	-	120
1/7/2021	-	-	-	-	-	1.6	-	-	-	-	-	150
12/2/2020	-	-	-	-	-	1	-	-	-	-	-	110
11/4/2020	-	-	-	-	-	1	-	-	-	-	-	120
9/2/2020	-	-	-	-	-	0.87	-	-	-	-	-	120
8/31/2020	-	-	-	-	-	0.93	-	-	-	-	-	-
8/5/2020	-	-	-	-	-	0.89	-	-	-	-	-	110
7/1/2020	-	-	-	-	-	1	-	-	-	-	-	120
6/3/2020	-	-	-	-	-	0.95	-	-	-	-	-	120
5/1/2020	-	-	-	-	-	0.78	-	-	-	-	-	120
4/1/2020	-	-	-	-	-	1	-	-	-	-	-	120
3/4/2020	-	-	-	-	-	0.49	-	-	-	-	-	120
2/5/2020	-	-	-	-	-	0.81	-	-	-	-	-	120
1/9/2020	-	-	-	-	-	0.97	-	-	-	-	-	120
11/20/2019	-	-	-	-	-	-	ND	-	-	-	-	-
10/2/2019	-	-	-	-	-	0.86	-	-	-	-	-	110
8/28/2019	-	-	-	-	-	0.87	-	-	-	-	-	110
7/3/2019	-	-	-	-	-	0.93	-	-	-	-	-	120
5/15/2019	-	-	-	-	-	-	ND	-	-	-	-	-
4/4/2019	-	-	-	-	-	0.94	-	-	-	-	-	120
2/20/2019	-	-	-	-	-	-	ND	-	-	-	-	-
1/4/2019	-	-	-	-	-	0.82	-	-	-	-	-	120
11/30/2018	-	-	-	-	-	-	ND	-	-	-	-	-
10/4/2018	-	-	-	-	-	0.88	-	-	-	-	-	110
8/22/2018	-	-	-	-	-	-	ND	-	-	-	-	-
8/1/2018	-	-	-	-	-	0.71	-	-	-	-	-	110
7/6/2018	-	-	-	-	-	1	-	-	-	-	-	120
5/23/2018	ND	-	ND	-	ND	0.9	ND	-	ND	ND	ND	120
12/6/2016	-	-	-	-	-	ND	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000189-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
4/3/2023	-	-	-	-	-	0.88	-	-	-	-	-	-
3/17/2023	-	-	-	4.92	-	-	-	7.1	-	-	-	-
2015-2021 Groundwater Quality Data												
10/4/2021	-	-	-	-	-	-	ND	-	-	-	-	-
4/5/2021	-	-	-	-	-	1.1	-	-	-	-	-	-
4/6/2020	-	-	-	-	-	1.1	-	-	-	-	-	-
4/1/2019	2.6	-	ND	-	ND	1.3	-	-	ND	-	-	-
1/7/2019	-	-	-	9.06	-	0.79	-	5.3	-	-	-	-
10/1/2018	-	-	-	-	-	-	ND	-	-	-	-	-
7/2/2018	-	-	-	-	-	-	ND	-	-	-	-	-
4/2/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/31/2018	-	-	-	-	-	-	ND	-	-	-	-	-
1/2/2018	-	-	-	-	-	0.76	-	-	-	-	-	-
1/3/2017	-	-	-	-	-	0.63	-	-	-	-	-	-
4/7/2016	4.2	-	ND	-	ND	1	-	-	ND	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000562-001

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
7/3/2023	-	-	-	-	-	8.7	0.054	-	-	-	-	-
4/4/2023	-	-	-	-	-	-	0.051	-	-	-	-	-
1/10/2023	-	-	-	-	-	-	0.05	-	-	-	-	-
2015-2021 Groundwater Quality Data												
7/19/2021	5.3	-	110	-	ND	7.8	0.05	-	ND	-	-	-
4/12/2021	-	-	-	-	-	-	0.055	-	-	-	-	-
1/11/2021	-	-	-	-	-	-	0.066	-	-	-	-	-
10/12/2020	-	-	-	-	-	-	0.045	-	-	-	-	-
7/13/2020	-	-	-	-	-	9.1	0.049	-	-	-	-	-
4/20/2020	-	-	-	-	-	-	0.1	-	-	-	-	-
1/6/2020	-	-	-	-	-	-	0.08	-	-	-	-	-
11/4/2019	-	-	-	-	-	-	0.094	-	-	-	-	-
10/7/2019	-	-	-	-	-	-	0.062	-	-	-	-	-
8/12/2019	-	-	-	-	-	-	0.054	-	-	-	-	-
8/5/2019	-	-	-	-	-	-	0.033	-	-	-	-	-
7/8/2019	-	-	-	-	-	-	0.1	-	-	-	-	-
6/10/2019	-	-	-	-	-	6.4	ND	-	-	-	-	-
5/13/2019	-	-	-	-	-	-	ND	-	-	-	-	-
4/3/2019	-	-	-	-	-	-	ND	-	-	-	-	-
1/23/2019	-	-	-	ND	-	-	0.077	-	-	-	-	-
10/15/2018	-	-	-	-	-	-	0.042	-	-	-	-	-
8/6/2018	-	-	-	-	-	-	0.063	-	-	-	-	-
5/16/2018	8.1	-	140	-	ND	5.2	0.058	-	ND	-	-	-
5/1/2017	-	-	-	-	-	3.9	-	-	-	-	-	-
3/30/2016	-	-	-	-	-	5.4	-	-	-	-	-	-
6/25/2015	8.1	-	140	-	ND	-	-	-	ND	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.12**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1010028-010

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
3/8/2023	-	-	-	-	-	0.2	-	-	-	-	-	-
1/9/2023	6.6	-	-	-	-	-	-	-	-	-	-	-
2015-2021 Groundwater Quality Data												
12/28/2021	-	-	-	-	-	-	ND	-	-	-	-	-
3/9/2021	7.4	-	2600	-	ND	ND	-	-	ND	ND	ND	660
4/20/2020	-	-	-	-	-	ND	-	-	-	-	-	-
3/8/2019	-	-	-	ND	-	ND	-	-	-	-	-	-
12/10/2018	-	-	-	ND	-	-	ND	-	-	-	-	-
9/12/2018	-	-	-	ND	-	-	ND	-	-	-	-	-
6/19/2018	-	-	-	ND	-	-	ND	-	-	-	-	-
3/19/2018	-	-	-	-	-	ND	-	-	-	-	-	-
3/16/2018	5.5	-	1800	ND	ND	-	ND	-	ND	ND	ND	680
10/16/2017	6.5	-	1800	-	ND	ND	-	ND	ND	ND	ND	670
Minimum Threshold	**10**	**50**	**3120**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NFKGSA Well 1000176-005

Sample Date	Arsenic (µg/L)	Chromium - Total (µg/L)	Fluoride (µg/L)	Gross Alpha (pCi/L)	Lead (µg/L)	Nitrate as N (mg/L)	1,2,3-Trichloropropane (µg/L)	Uranium (pCi/L)	Aluminum (µg/L)	Iron (mg/L)	Manganese (mg/L)	Total Dissolved Solids (mg/L)
Water Year 2023 Groundwater Quality Data												
10/13/2022	-	-	-	-	-	ND	-	-	-	-	-	-
10/4/2022	4.4	-	840	-	ND	-	-	-	ND	-	-	-
2015-2021 Groundwater Quality Data												
10/5/2021	-	-	-	-	-	ND	ND	-	-	-	-	-
4/6/2021	-	-	-	5.88	-	-	-	8.3	-	-	-	-
10/6/2020	-	-	-	-	-	ND	-	-	-	-	-	-
10/8/2019	4.2	-	850	-	ND	ND	-	-	ND	-	-	-
10/4/2018	-	-	-	-	-	ND	ND	-	-	-	-	-
7/3/2018	-	-	-	-	-	-	ND	-	-	-	-	-
4/4/2018	-	-	-	8.56	-	-	ND	8.1	-	-	-	-
1/4/2018	-	-	-	-	-	-	ND	-	-	-	-	-
10/3/2017	-	-	-	8.56	-	ND	-	-	-	-	-	-
4/4/2017	-	-	-	9.06	-	-	-	-	-	-	-	-
1/17/2017	-	-	-	10.3	-	-	-	-	-	-	-	-
12/13/2016	3.9	-	900	3.27	ND	ND	-	-	ND	-	-	-
12/11/2015	-	-	-	-	-	ND	-	-	-	-	-	-
11/13/2015	-	-	-	9.96	-	-	-	-	-	-	-	-
7/10/2015	-	-	-	9.71	-	-	-	-	-	-	-	-
4/10/2015	-	-	-	8.69	-	-	-	-	-	-	-	-
Minimum Threshold	**10**	**50**	**2000**	**15**	**15**	**10**	**0.005**	**20**	**1000**	**300**	**0.05**	**1000**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

North Kings Groundwater Sustainability Agency

NKGSA Well 1000018-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
12/19/2022	-	ND	-	0.028	ND	-	-	ND	ND
12/16/2022	-	-	-	-	-	1.6	-	-	-
2015-2021 Groundwater Quality Data									
11/30/2021	2.7	-	-	-	-	7.1	-	-	-
4/28/2021	-	-	-	0.77	-	ND	-	-	-
2/27/2020	-	-	-	ND	-	2.2	-	-	-
1/14/2019	-	ND	-	-	-	2.5	-	-	-
10/4/2018	-	ND	-	0.063	-	-	-	-	-
8/7/2018	-	ND	-	-	-	-	-	-	-
3/14/2018	-	ND	-	-	-	-	-	-	-
1/10/2018	2.8	-	-	-	-	2.6	-	-	-
5/24/2017	-	-	-	0.042	-	2.4	-	-	-
3/17/2016	1	-	-	0.048	ND	2.6	-	ND	ND
4/10/2015	-	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.924**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000023-013

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
7/11/2023	-	0.027	-	-	-	2	-	-	-
6/8/2023	-	0.031	-	-	-	-	-	-	-
4/20/2023	-	0.038	-	-	-	-	-	-	-
3/7/2023	-	0.035	-	-	-	-	-	-	-
10/6/2022	-	0.031	-	-	-	-	-	-	-
2015-2021 Groundwater Quality Data									
11/17/2021	-	0.041	-	-	-	-	-	-	-
8/3/2021	-	0.03	-	-	-	-	-	-	-
7/19/2021	-	-	-	-	-	2.2	-	-	-
7/9/2021	-	0.031	-	-	-	-	-	-	-
2/9/2021	1.9	-	-	ND	-	-	-	-	-
1/29/2021	-	0.043	-	-	-	-	-	-	-
10/14/2020	-	0.031	-	-	-	-	-	-	-
9/29/2020	-	0.03	-	-	-	-	-	-	-
5/4/2020	-	0.048	-	-	-	-	-	-	-
3/6/2020	-	0.054	-	-	-	-	-	-	-
2/6/2020	-	0.052	-	-	ND	2.8	-	ND	ND
11/21/2019	-	0.053	-	-	-	-	-	-	-
8/22/2019	-	0.033	-	-	-	-	-	-	-
7/25/2019	-	-	-	-	-	3.1	-	-	-
5/17/2019	-	0.033	-	-	-	-	-	-	-
1/16/2019	-	0.044	-	-	-	2.3	-	-	-
10/16/2018	-	0.063	-	-	-	-	-	-	-
7/18/2018	-	0.052	-	-	-	2.2	-	-	-
5/29/2018	-	0.049	-	-	-	-	-	-	-
4/10/2018	-	0.06	-	-	-	-	-	-	-
2/8/2018	2.8	0.061	-	ND	-	2	-	-	-
2/13/2017	-	-	-	-	-	2.2	-	-	-
3/28/2016	-	-	-	-	-	2.2	-	-	-
2/19/2015	-	-	1	-	-	-	-	-	-
2/12/2015	1.7	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.0756**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000039-002

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
7/11/2023	-	-	-	-	-	4.1	-	-	-
2/28/2023	2.7	-	-	-	-	4.6	-	-	-
2015-2021 Groundwater Quality Data									
7/19/2021	-	-	-	-	-	4	-	-	-
2/9/2021	-	ND	-	ND	-	-	-	-	-
6/16/2020	-	-	-	-	-	4	-	-	-
2/20/2020	-	-	-	-	ND	3.8	-	ND	ND
8/28/2019	-	-	-	-	-	4	-	-	-
7/25/2019	-	-	-	-	-	3.8	-	-	-
1/16/2019	2.3	-	-	-	-	4.2	-	-	-
10/12/2018	-	ND	-	-	-	-	-	-	-
7/18/2018	-	ND	-	-	-	3.8	-	-	-
4/10/2018	-	ND	-	-	-	-	-	-	-
2/8/2018	-	ND	-	ND	-	4	-	-	-
2/13/2017	-	-	-	-	-	3.8	-	-	-
3/28/2016	1.8	-	-	-	-	4.1	-	-	-
3/17/2015	-	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000078-004

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
7/14/2023	-	-	-	-	-	8.9	-	-	-
7/13/2023	-	-	-	-	-	9.3	-	-	-
4/20/2023	-	-	-	-	-	8.4	-	-	-
3/7/2023	-	-	-	-	-	7.7	-	-	-
2/28/2023	2.8	-	-	-	-	8.5	-	-	-
10/6/2022	-	-	-	-	-	9.1	-	-	-
2015-2021 Groundwater Quality Data									
11/17/2021	-	-	-	-	-	7.5	-	-	-
7/22/2021	-	-	-	-	-	10	-	-	-
7/20/2021	-	-	-	-	-	10	-	-	-
2/9/2021	2.1	ND	-	ND	-	-	-	-	-
6/16/2020	-	-	-	-	-	9.8	-	-	-
2/20/2020	-	-	-	-	ND	7.9	-	ND	ND
7/25/2019	-	-	-	-	-	8.6	-	-	-
1/16/2019	-	-	-	-	-	7.1	-	-	-
10/12/2018	-	ND	-	-	-	-	-	-	-
7/18/2018	-	ND	-	-	-	8.5	-	-	-
5/29/2018	-	ND	-	-	-	-	-	-	-
4/10/2018	-	ND	-	-	-	-	-	-	-
2/8/2018	2.4	ND	-	ND	-	6.9	-	-	-
2/13/2017	-	-	-	-	-	6.3	-	-	-
5/25/2016	-	-	-	-	-	8	-	-	-
3/28/2016	-	-	-	-	-	7.2	-	-	-
2/19/2015	-	-	1.2	-	-	-	-	-	-
2/12/2015	1.9	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**12**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
\- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000104-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
2/9/2023	-	-	-	-	-	2.7	-	-	-
2015-2021 Groundwater Quality Data									
1/8/2021	ND	ND	-	ND	ND	1.8	-	ND	ND
1/27/2020	-	-	-	-	-	1.3	-	-	-
1/21/2019	-	-	-	-	-	1.4	-	-	-
10/17/2018	-	ND	-	-	-	-	-	-	-
7/23/2018	-	ND	-	-	-	-	-	-	-
4/20/2018	-	ND	-	-	-	-	-	-	-
2/21/2018	ND	ND	-	ND	-	1.8	-	-	-
1/16/2017	-	-	-	-	-	2	-	-	-
7/11/2016	-	ND	-	-	-	-	-	-	-
4/4/2016	-	-	-	-	-	1.8	-	-	-
4/6/2015	ND	-	-	ND	ND	-	-	ND	ND
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000201-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
7/17/2023	2.8	-	-	-	-	4.3	-	-	-
2015-2021 Groundwater Quality Data									
10/18/2021	-	ND	-	-	-	-	-	-	-
7/19/2021	-	-	-	ND	-	3.9	-	-	-
10/19/2020	-	-	-	-	ND	-	-	ND	ND
7/20/2020	ND	-	-	ND	-	4	-	-	-
7/16/2019	-	-	-	ND	-	3.9	-	-	-
10/16/2018	-	ND	-	-	-	-	-	-	-
7/17/2018	-	ND	-	ND	-	4.1	-	-	-
4/17/2018	-	ND	-	-	-	-	-	-	-
1/16/2018	-	ND	-	-	-	-	-	-	-
7/18/2017	ND	-	-	ND	-	4.2	-	-	-
7/26/2016	-	-	-	ND	-	3.9	-	-	-
7/21/2015	-	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000208-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
6/2/2023	-	-	-	-	-	2.4	-	-	-
2015-2021 Groundwater Quality Data									
8/6/2021	ND	ND	-	-	ND	2	-	ND	ND
8/5/2020	-	-	-	-	-	2.3	-	-	-
8/14/2019	-	-	-	-	-	2.1	-	-	-
6/5/2019	-	-	-	ND	-	-	-	-	-
10/15/2018	-	ND	-	-	-	-	-	-	-
8/29/2018	2.4	ND	-	-	-	2.2	-	-	-
4/4/2018	-	ND	-	-	-	-	-	-	-
2/14/2018	-	ND	-	-	-	-	-	-	-
8/2/2017	-	-	-	-	-	2.2	-	-	-
8/17/2016	-	-	-	-	-	2.4	-	-	-
9/4/2015	-	-	-	ND	ND	-	-	ND	ND
8/7/2015	2.6	-	-	-	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000217-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
6/2/2023	-	-	-	-	ND	1.5	-	ND	ND
2015-2021 Groundwater Quality Data									
8/6/2021	-	ND	-	-	-	1.4	-	-	-
8/5/2020	-	-	-	-	-	1.7	-	-	-
8/7/2019	2.7	-	-	ND	-	1.6	-	-	-
10/15/2018	-	ND	-	-	-	-	-	-	-
8/29/2018	-	-	-	-	-	1.5	-	-	-
7/17/2018	-	ND	-	-	-	-	-	-	-
4/18/2018	-	ND	-	-	-	-	-	-	-
2/14/2018	-	ND	-	-	-	-	-	-	-
10/4/2017	-	-	14	-	-	-	-	-	-
9/6/2017	-	-	-	-	ND	-	-	ND	ND
8/2/2017	-	-	-	-	-	1.6	-	-	-
7/12/2017	-	-	15.8	-	-	-	-	-	-
4/19/2017	-	-	15	-	-	-	-	-	-
1/18/2017	-	-	16	-	-	-	-	-	-
10/6/2016	-	-	16	-	-	-	-	-	-
8/3/2016	2.3	-	-	ND	-	1.6	-	-	-
7/14/2016	-	-	16	-	-	-	-	-	-
4/6/2016	-	-	17	-	-	-	-	-	-
1/6/2016	-	-	16	-	-	-	-	-	-
12/9/2015	-	-	-	-	-	1.6	-	-	-
10/8/2015	-	-	16	-	-	-	-	-	-
9/3/2015	-	-	-	-	ND	-	-	ND	ND
8/13/2015	2.3	-	-	-	-	-	-	-	-
8/6/2015	-	-	-	ND	-	-	-	-	-
7/21/2015	-	-	15	-	-	-	-	-	-
7/7/2015	-	-	16	-	-	-	-	-	-
5/1/2015	-	-	16	-	-	-	-	-	-
4/17/2015	-	-	15	-	-	-	-	-	-
2/19/2015	-	-	14	-	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000259-002

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
11/21/2022	5.4	ND	-	ND	-	0.2	-	-	-
2015-2021 Groundwater Quality Data									
12/8/2021	-	-	-	-	-	ND	-	-	-
12/21/2020	-	-	-	-	-	ND	-	-	-
11/22/2019	5.5	-	-	ND	-	ND	-	-	-
5/29/2019	-	ND	-	-	ND	ND	-	ND	ND
2/27/2019	-	ND	-	-	-	-	-	-	-
8/24/2018	-	ND	-	-	-	-	-	-	-
4/24/2018	-	-	-	-	-	ND	-	-	-
3/27/2018	-	ND	-	-	-	-	-	-	-
12/19/2017	-	-	-	-	-	ND	-	-	-
12/20/2016	5.7	-	ND	ND	-	ND	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000279-002

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
7/28/2023	-	0.024	-	-	-	-	-	-	-
4/19/2023	-	0.012	-	-	-	-	-	-	-
3/24/2023	-	-	-	0.065	-	-	-	-	-
2/27/2023	ND	0.0082	-	0.051	ND	2.3	-	ND	ND
10/27/2022	-	0.014	-	-	-	-	-	-	-
2015-2021 Groundwater Quality Data									
10/29/2021	-	0.012	-	-	-	-	-	-	-
7/27/2021	-	0.015	-	-	-	-	-	-	-
4/22/2021	-	0.011	-	-	-	-	-	-	-
1/26/2021	-	0.007	-	0.072	-	2.3	-	-	-
10/23/2020	-	0.026	-	-	-	-	-	-	-
8/3/2020	-	ND	-	-	-	-	-	-	-
7/23/2020	-	0.056	-	-	-	-	-	-	-
4/22/2020	-	0.006	-	-	-	-	-	-	-
1/22/2020	2.7	ND	-	0.062	-	1.8	-	-	-
10/23/2019	-	0.005	-	-	-	-	-	-	-
7/24/2019	-	ND	-	-	-	-	-	-	-
2/20/2019	-	0.005	-	-	-	-	-	-	-
12/19/2018	-	-	-	-	-	2	-	-	-
10/9/2018	-	0.007	-	-	-	-	-	-	-
6/21/2018	-	0.01	-	-	-	-	-	-	-
6/15/2018	-	0.007	-	-	-	-	-	-	-
5/11/2018	-	0.075	-	-	-	-	-	-	-
4/20/2018	-	0.008	-	-	-	-	-	-	-
3/29/2018	-	ND	-	-	-	-	-	-	-
3/28/2018	-	ND	-	-	-	-	-	-	-
3/8/2018	-	ND	-	-	-	-	-	-	-
3/1/2018	-	-	-	0.074	-	-	-	-	-
2/21/2018	-	0.031	-	-	-	-	-	-	-
12/13/2017	-	-	-	-	-	1.9	-	-	-
5/24/2017	-	-	-	-	ND	-	-	ND	ND
2/15/2017	ND	-	-	0.088	-	-	-	-	-
12/21/2016	-	-	-	-	-	2.1	-	-	-
12/16/2015	-	-	-	-	-	2.1	-	-	-
Minimum Threshold	**10**	**0.09**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000362-003

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
2/9/2023	-	-	-	-	-	1.3	-	-	-
12/14/2022	-	-	-	-	-	-	5.9	-	-
2015-2021 Groundwater Quality Data									
1/28/2021	3.1	ND	-	ND	ND	1.8	-	ND	ND
1/27/2020	-	-	-	-	-	1.9	-	-	-
1/18/2019	-	-	-	-	-	1.7	-	-	-
10/23/2018	-	ND	-	-	-	-	-	-	-
7/23/2018	-	ND	-	-	-	-	-	-	-
4/20/2018	-	ND	-	-	-	-	-	-	-
2/23/2018	4.8	ND	-	ND	-	2.1	-	-	-
8/7/2017	-	-	-	-	-	2.5	-	-	-
3/31/2017	-	ND	-	-	-	-	-	-	-
9/19/2016	-	-	-	-	-	1.8	-	-	-
11/9/2015	-	-	-	-	-	1.8	-	-	-
7/13/2015	ND	-	-	ND	ND	-	-	ND	ND
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000366-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
3/15/2023	ND	-	-	-	ND	4.8	-	ND	ND
2/14/2023	-	-	-	-	-	3.5	-	-	-
2015-2021 Groundwater Quality Data									
7/15/2021	-	-	-	-	-	5.1	-	-	-
7/17/2020	-	-	-	-	-	3.3	-	-	-
7/22/2019	1.4	-	-	-	-	3.3	-	-	-
1/14/2019	-	ND	-	ND	-	-	-	-	-
10/22/2018	-	ND	-	ND	-	2.9	-	-	-
7/16/2018	-	ND	-	ND	-	-	-	-	-
4/19/2018	-	ND	-	ND	-	-	-	-	-
3/29/2018	-	ND	-	ND	-	-	-	-	-
10/16/2017	-	-	-	ND	-	2.9	-	-	-
7/17/2017	-	-	-	ND	-	-	-	-	-
4/14/2017	-	-	-	ND	-	-	-	-	-
1/12/2017	-	-	-	ND	-	-	-	-	-
10/13/2016	-	-	-	ND	-	2.9	-	-	-
7/29/2016	-	-	-	ND	-	-	-	-	-
6/23/2016	-	-	-	ND	-	-	-	-	-
4/28/2016	-	-	-	ND	-	-	-	-	-
1/28/2016	ND	-	-	ND	ND	2.8	-	ND	ND
10/22/2015	-	-	-	ND	-	3	-	-	-
7/30/2015	-	-	-	ND	-	-	-	-	-
4/23/2015	-	-	-	ND	-	-	-	-	-
1/22/2015	-	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000447-067

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
1/31/2023	-	-	-	-	ND	2.1	-	ND	ND
2015-2021 Groundwater Quality Data									
10/7/2021	-	ND	-	-	-	-	-	-	-
1/19/2021	-	-	-	-	-	2.4	-	-	-
1/15/2020	-	-	-	-	-	2.3	-	-	-
1/18/2019	2.4	-	-	ND	-	2.2	-	-	-
10/4/2018	-	ND	-	-	-	-	-	-	-
7/19/2018	-	ND	-	-	-	-	-	-	-
4/23/2018	-	ND	-	-	-	-	-	-	-
1/25/2018	-	ND	-	-	-	2.2	-	-	-
1/27/2017	-	-	-	-	ND	-	-	ND	ND
1/24/2017	-	-	-	-	-	2.3	-	-	-
8/11/2016	-	ND	-	-	-	-	-	-	-
2/22/2016	-	-	-	-	-	2.2	-	-	-
1/26/2016	2.1	-	-	ND	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000467-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/5/2023	-	-	-	-	-	0.72	-	-	-
3/28/2023	-	-	-	ND	ND	-	-	ND	ND
12/14/2022	-	-	-	-	-	0.6	-	-	-
2015-2021 Groundwater Quality Data									
11/24/2021	-	-	-	-	ND	-	-	ND	ND
10/26/2021	4	ND	-	-	-	0.75	-	-	-
3/31/2021	-	-	-	-	-	3.6	-	-	-
2/2/2021	-	-	-	-	-	0.87	-	-	-
1/5/2021	-	-	-	0.038	-	-	-	-	-
5/5/2020	-	-	-	-	-	0.85	-	-	-
3/3/2020	-	-	-	0.025	-	-	-	-	-
1/7/2020	-	-	-	-	-	0.82	-	-	-
1/28/2019	-	-	-	0.015	-	-	-	-	-
10/17/2018	4.2	ND	-	-	-	-	-	-	-
7/16/2018	-	ND	-	-	-	-	-	-	-
4/16/2018	-	ND	-	-	-	-	-	-	-
2/12/2018	-	ND	-	-	-	ND	-	-	-
1/3/2018	-	-	-	0.027	-	-	-	-	-
12/20/2017	-	-	-	-	-	0.72	-	-	-
2/13/2017	-	-	-	-	-	0.5	-	-	-
1/23/2017	-	-	-	ND	-	-	-	-	-
12/5/2016	-	-	-	-	-	0.63	-	-	-
6/6/2016	-	-	-	-	-	0.63	-	-	-
1/18/2016	-	-	-	ND	-	-	-	-	-
12/14/2015	-	-	-	-	-	0.56	-	-	-
11/23/2015	-	-	-	-	ND	-	-	ND	ND
10/6/2015	4.1	-	-	ND	-	-	-	-	-
7/14/2015	-	-	-	ND	-	-	-	-	-
4/2/2015	-	-	0.33	-	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000492-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/18/2023	-	-	-	-	-	3.8	-	-	-
8/14/2023	-	-	-	-	-	3.4	-	-	-
6/5/2023	-	-	-	-	-	2.6	-	-	-
5/8/2023	-	-	-	-	-	2.2	-	-	-
4/5/2023	-	-	-	-	-	3.5	-	-	-
3/13/2023	-	-	-	-	-	4.6	-	-	-
2/21/2023	-	-	-	-	-	9.4	-	-	-
1/17/2023	-	-	-	-	-	8.5	-	-	-
2015-2021 Groundwater Quality Data									
9/30/2021	-	-	-	-	-	4.6	-	-	-
2/12/2021	-	-	-	-	-	2.6	-	-	-
12/31/2019	-	-	-	-	-	2.6	-	-	-
5/31/2018	-	-	-	-	-	1.9	-	-	-
4/3/2018	-	-	-	-	-	1.9	-	-	-
6/7/2016	-	-	-	-	-	0.57	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000514-003

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
1/8/2021	ND	-	-	-	-	ND	-	-	-
1/15/2020	-	-	-	-	-	2.5	-	-	-
9/24/2019	-	ND	-	ND	ND	-	-	ND	ND
4/29/2019	-	ND	-	ND	ND	-	-	ND	ND
1/9/2019	-	ND	-	ND	ND	4.1	-	ND	ND
12/19/2018	-	ND	-	ND	ND	-	-	ND	ND
8/30/2018	ND	ND	-	ND	ND	ND	-	ND	ND
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000552-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
12/19/2022	-	-	-	-	-	2.5	-	-	-
2015-2021 Groundwater Quality Data									
12/27/2021	-	-	-	-	-	1.8	-	-	-
12/27/2020	-	-	-	-	-	1.5	-	-	-
12/29/2019	-	-	-	-	-	1.1	-	-	-
9/29/2016	-	-	-	-	-	1.8	-	-	-
12/30/2015	-	-	-	-	-	2.3	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000554-002

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
6/28/2023	-	-	-	-	-	7.2	-	-	-
5/24/2023	-	-	-	-	-	9.2	-	-	-
4/20/2023	-	-	-	-	-	2.5	-	-	-
12/6/2022	-	-	-	-	-	11	-	-	-
11/16/2022	-	-	-	-	-	11	-	-	-
10/18/2022	-	-	-	-	-	9	-	-	-
2015-2021 Groundwater Quality Data									
12/6/2021	-	ND	-	-	-	9.9	-	-	-
11/1/2021	-	-	-	-	-	9.9	-	-	-
10/12/2021	-	-	-	-	-	9	-	-	-
9/7/2021	-	-	-	-	-	9.4	-	-	-
7/12/2021	-	-	-	-	-	8	-	-	-
6/1/2021	-	-	-	-	-	9.2	-	-	-
5/3/2021	-	-	-	-	-	9.7	-	-	-
4/6/2021	-	-	-	-	-	11	-	-	-
3/1/2021	-	-	-	-	-	11	-	-	-
2/17/2021	-	-	-	-	-	10	-	-	-
2/1/2021	-	-	-	-	-	11	-	-	-
1/4/2021	-	-	-	-	-	10	-	-	-
12/7/2020	-	-	-	-	-	10	-	-	-
12/1/2020	-	-	-	-	-	10	-	-	-
2/4/2020	1.6	-	-	ND	-	9.8	-	-	-
12/16/2019	-	-	-	-	-	9.8	-	-	-
7/8/2019	-	-	-	-	-	7.1	-	-	-
4/18/2019	-	-	-	-	-	8.2	-	-	-
1/30/2019	-	ND	-	-	-	6.9	-	-	-
12/10/2018	-	ND	-	-	-	-	-	-	-
11/30/2018	-	-	-	-	-	6.1	-	-	-
6/28/2018	-	-	-	-	-	6.2	-	-	-
4/16/2018	-	ND	-	-	-	-	-	-	-
1/22/2018	-	-	-	-	-	6.2	-	-	-
1/5/2018	-	ND	-	-	-	6.1	-	-	-
3/22/2017	1.8	-	-	ND	ND	5.8	-	ND	ND
5/19/2016	-	-	-	-	-	5.7	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**13.2**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000555-002

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
1/30/2023	2.7	-	-	-	-	5.6	-	-	-
2015-2021 Groundwater Quality Data									
3/12/2021	-	-	-	-	-	5.6	-	-	-
1/29/2021	-	-	-	-	-	5.7	-	-	-
12/17/2020	-	-	-	-	-	5.5	-	-	-
1/27/2020	2.3	-	-	-	ND	5.5	-	ND	ND
3/21/2019	-	ND	-	-	-	-	-	-	-
1/10/2019	-	-	-	-	-	5.1	-	-	-
12/10/2018	-	ND	-	-	-	-	-	-	-
6/28/2018	-	-	-	-	-	5.4	-	-	-
4/16/2018	-	ND	-	-	-	-	-	-	-
1/22/2018	-	-	-	-	-	5.4	-	-	-
1/5/2018	-	ND	-	-	-	5.3	-	-	-
4/14/2017	-	-	-	-	-	5.3	-	-	-
2/9/2017	2.3	-	-	-	-	5	-	-	-
10/28/2016	-	-	-	-	-	5.5	-	-	-
6/9/2016	-	-	-	-	-	5.7	-	-	-
3/18/2016	-	-	-	-	-	5.2	-	-	-
1/8/2016	-	-	-	-	-	5.4	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1000578-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
12/15/2022	-	-	-	-	-	0.83	-	-	-
2015-2021 Groundwater Quality Data									
1/29/2021	-	-	-	-	-	ND	-	-	-
3/25/2020	-	-	-	ND	-	-	-	-	-
1/24/2020	2.4	-	-	-	-	ND	-	-	-
11/22/2019	-	ND	-	-	ND	-	-	ND	ND
2/27/2019	-	ND	-	ND	-	-	-	-	-
8/24/2018	-	ND	-	-	-	-	-	-	-
4/24/2018	-	-	-	-	-	0.54	-	-	-
3/27/2018	-	ND	-	-	-	-	-	-	-
12/19/2017	-	-	-	-	-	ND	-	-	-
12/20/2016	1.9	-	ND	ND	-	0.48	-	-	-
11/20/2015	-	-	-	-	-	0.81	-	-	-
3/27/2015	-	-	-	0.042	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1000632-001

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
12/2/2020	-	-	-	-	-	1.4	-	-	-
12/17/2019	9.9	-	-	-	-	2.6	-	-	-
1/29/2019	-	-	-	-	ND	-	-	ND	ND
12/18/2018	-	-	-	-	ND	1.7	-	ND	ND
10/10/2018	-	ND	-	-	-	-	-	-	-
7/17/2018	-	ND	-	-	-	-	-	-	-
4/17/2018	-	ND	-	-	-	-	-	-	-
2/20/2018	-	ND	-	-	-	-	-	-	-
12/11/2017	-	-	-	-	-	2.2	-	-	-
11/20/2017	-	-	-	-	ND	-	-	ND	ND
11/15/2016	-	-	-	-	-	-	10	-	-
7/12/2016	7.2	-	ND	-	ND	2.2	-	ND	ND
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010003-050

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
7/5/2023	ND	-	-	-	-	7.5	-	-	-
4/5/2023	-	-	-	-	-	6.2	-	-	-
1/6/2023	-	-	-	-	-	6.1	-	-	-
11/1/2022	-	-	-	-	-	8.6	-	-	-
10/6/2022	-	-	-	-	-	8.8	-	-	-
2015-2021 Groundwater Quality Data									
10/8/2021	-	-	-	-	-	5.6	-	-	-
7/9/2021	ND	-	-	-	-	7.4	-	-	-
4/6/2021	-	-	-	-	-	8	-	-	-
1/7/2021	-	-	-	-	-	8.7	-	-	-
10/6/2020	-	-	-	-	-	7.7	-	-	-
7/6/2020	ND	-	-	-	-	8.1	-	-	-
4/2/2020	-	-	-	-	-	7.1	-	-	-
1/2/2020	-	-	-	-	-	4.7	-	-	-
10/4/2019	-	-	-	-	-	5.6	-	-	-
7/5/2019	ND	-	-	ND	ND	6.6	-	ND	ND
4/11/2019	-	-	-	ND	-	5.8	-	-	-
1/9/2019	-	ND	-	-	-	4.8	-	-	-
10/17/2018	-	ND	-	-	-	6.2	-	-	-
9/7/2018	ND	ND	-	-	-	7.4	-	-	-
6/5/2018	-	ND	-	-	-	6.5	-	-	-
3/8/2018	-	-	-	-	-	7.2	-	-	-
3/7/2018	-	ND	-	-	-	-	-	-	-
12/7/2017	-	-	-	-	-	6	-	-	-
9/7/2017	ND	-	-	-	-	5.6	-	-	-
6/5/2017	-	-	-	-	-	7	-	-	-
3/9/2017	-	-	-	-	-	7.7	-	-	-
12/9/2016	-	-	-	-	-	6.1	-	-	-
9/12/2016	ND	-	-	ND	ND	6.6	-	ND	ND
6/17/2016	-	-	-	ND	-	7.9	-	-	-
5/19/2016	-	ND	-	-	-	-	-	-	-
3/3/2016	-	-	-	-	-	6.3	-	-	-
12/3/2015	-	-	-	-	-	5.8	-	-	-
9/16/2015	ND	-	-	-	-	8.6	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-019

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/28/2023	ND	ND	2.7	ND	ND	5.4	-	ND	ND
1/13/2023	-	-	-	-	-	3.4	-	-	-
2015-2021 Groundwater Quality Data									
2/9/2021	-	-	-	-	-	2.2	-	-	-
8/18/2020	ND	ND	2.3	ND	ND	5.4	-	ND	ND
3/17/2020	-	-	-	-	-	2.1	-	-	-
3/20/2019	-	-	-	-	-	3.1	-	-	-
11/5/2018	-	-	-	-	-	5.1	-	-	-
8/23/2018	-	-	-	-	-	5.6	-	-	-
7/10/2018	-	ND	-	-	-	-	-	-	-
4/25/2018	-	-	-	-	-	5.6	-	-	-
4/12/2018	-	ND	-	-	-	-	-	-	-
2/5/2018	-	-	-	-	-	5.6	-	-	-
3/6/2017	ND	ND	3.6	ND	ND	4.3	-	ND	ND
12/30/2016	-	ND	-	-	-	-	-	-	-
3/10/2016	-	-	-	-	-	4.7	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-099

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/27/2023	-	-	-	-	ND	2.5	-	ND	9.6
8/23/2023	-	-	-	-	ND	2.7	-	ND	8
7/13/2023	-	-	-	-	ND	3	-	ND	8.9
6/21/2023	-	-	-	-	ND	2.8	-	ND	8.3
6/8/2023	-	-	-	-	ND	-	-	ND	8
5/10/2023	-	-	-	-	ND	1.8	-	ND	5.5
12/8/2022	-	-	-	-	ND	2.6	-	ND	8.5
11/10/2022	-	-	-	-	ND	2.4	-	ND	7.9
10/20/2022	-	-	-	-	ND	2.8	-	ND	8.8
2015-2021 Groundwater Quality Data									
11/18/2021	-	-	-	-	ND	2.5	-	ND	7
10/14/2021	-	-	-	-	ND	2.8	-	ND	7.6
9/17/2021	-	-	-	-	ND	2.8	-	ND	7.5
7/14/2021	-	-	-	-	ND	2.7	-	ND	7.9
6/17/2021	-	-	-	-	ND	2.7	-	ND	7
5/21/2021	-	-	-	-	ND	2.5	-	ND	8.3
4/16/2021	-	-	-	-	ND	2.6	-	ND	7.6
3/12/2021	-	-	-	-	ND	2.7	-	ND	9.2
2/18/2021	-	-	-	-	ND	2.3	-	ND	9
1/15/2021	-	-	-	-	ND	2.7	-	ND	9.1
12/30/2020	-	-	-	-	ND	2.5	-	0.62	6.3
9/17/2020	-	-	-	-	ND	-	-	ND	8.3
8/18/2020	-	-	-	-	ND	2.7	-	ND	8.9
8/14/2020	2.4	ND	3.8	ND	ND	2.6	-	ND	9.1
7/17/2020	-	-	-	-	ND	2.4	-	ND	9.3
6/16/2020	-	-	-	-	ND	2.4	-	ND	8
5/21/2020	-	-	-	-	ND	2.5	-	ND	9
4/22/2020	-	-	-	-	ND	2.5	-	ND	8.6
3/24/2020	-	-	-	-	ND	2.3	-	ND	8.4
3/19/2020	-	-	-	-	-	2.4	-	-	-
2/20/2020	-	-	-	-	ND	2.3	-	ND	9.1
1/15/2020	-	-	-	-	ND	2.3	-	ND	9.1
12/12/2019	-	-	-	-	ND	2.3	-	ND	9
11/26/2019	-	-	-	-	ND	2.3	-	ND	8.1
11/19/2019	-	-	-	-	ND	2.3	-	ND	7.8
8/14/2019	-	-	-	-	ND	2.2	-	ND	8.9
7/17/2019	-	-	-	-	ND	2.4	-	ND	8.2
6/17/2019	-	-	-	-	ND	2.4	-	ND	9.2
5/21/2019	-	-	-	-	ND	2.3	-	ND	10
5/6/2019	-	ND	-	-	-	-	-	-	-
4/11/2019	-	-	-	-	ND	2.3	-	ND	11
3/20/2019	-	-	-	-	ND	2.3	-	ND	10
2/21/2019	-	-	-	-	ND	2.3	-	ND	9.6
1/24/2019	-	-	-	-	ND	2.2	-	ND	8.8
12/19/2018	-	-	-	-	ND	2.2	-	ND	9.7
11/20/2018	-	-	-	-	ND	2.2	-	ND	10
10/25/2018	-	-	-	-	-	2.4	-	-	-
10/24/2018	-	-	-	-	ND	-	-	ND	10
10/4/2018	-	ND	-	-	-	-	-	-	-
9/26/2018	-	-	-	-	ND	2.2	-	ND	10
8/16/2018	-	-	-	-	ND	-	-	ND	9.9
8/10/2018	-	-	-	-	-	2.3	-	-	-
7/27/2018	-	-	-	-	ND	2.4	-	ND	10
7/6/2018	-	ND	-	-	-	-	-	-	-
3/19/2018	-	-	-	-	-	2.2	-	-	-

NKGSA Well 1010007-099

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
3/16/2018	-	-	-	-	ND	-	-	ND	11
3/14/2018	-	ND	-	-	-	-	-	-	-
2/15/2018	-	-	-	-	ND	2.2	-	ND	11
1/26/2018	-	-	-	-	-	2.4	9.6	-	-
1/23/2018	-	-	-	-	ND	2.4	-	ND	11
12/13/2017	-	-	-	-	ND	2.3	-	ND	11
11/16/2017	-	-	-	-	ND	2.3	-	ND	9.9
10/25/2017	-	-	-	-	ND	2.3	-	ND	8.7
9/20/2017	-	-	-	-	ND	2.1	-	ND	10
9/19/2017	ND	ND	4.1	ND	-	2.2	-	-	-
8/21/2017	-	-	-	-	ND	2.1	-	ND	10
7/19/2017	-	-	-	-	ND	2.5	-	ND	9.1
6/21/2017	-	-	-	-	ND	2.4	-	ND	9
5/25/2017	-	-	-	-	ND	2.3	-	ND	9.3
4/25/2017	-	-	-	-	ND	2.3	-	ND	8.8
3/30/2017	-	-	-	-	ND	2.2	-	ND	8.9
11/22/2016	-	-	-	-	ND	2.2	-	ND	12
10/27/2016	-	-	-	-	ND	2.3	-	ND	12
9/29/2016	-	-	-	-	ND	2.3	-	ND	14
8/30/2016	-	-	-	-	ND	2.3	-	ND	14
7/27/2016	-	-	-	-	ND	2.3	-	ND	19
6/23/2016	-	-	-	-	ND	1.7	-	ND	14
5/25/2016	-	-	-	-	ND	2.2	-	ND	14
4/28/2016	-	-	-	-	ND	2.2	-	ND	15
3/23/2016	-	-	-	-	ND	2.2	-	ND	17
2/26/2016	-	-	-	-	ND	2.4	-	ND	21
12/9/2015	-	-	-	-	ND	-	-	ND	18
11/18/2015	-	-	-	-	ND	-	-	ND	17
10/22/2015	-	-	-	-	ND	-	-	ND	19
9/18/2015	-	-	-	-	ND	-	-	ND	19
8/12/2015	-	-	-	-	ND	-	-	ND	18
7/15/2015	-	-	-	-	ND	-	-	ND	16
6/17/2015	-	-	-	-	ND	-	-	ND	18
5/19/2015	-	-	-	-	ND	-	-	ND	18
2/18/2015	-	-	-	-	ND	-	-	ND	17
2/4/2015	-	-	-	-	ND	-	-	ND	15
1/8/2015	-	-	-	-	ND	-	-	ND	15
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**25.2**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-147

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
2015-2021 Groundwater Quality Data									
12/9/2021	-	0.0048	-	-	-	-	-	-	-
11/5/2021	-	0.0044	-	-	-	-	-	-	-
10/25/2021	-	0.004	-	-	-	-	-	-	-
10/1/2021	-	0.0049	-	-	-	-	-	-	-
9/3/2021	-	0.005	-	-	-	-	-	-	-
8/12/2021	-	0.0044	-	-	-	-	-	-	-
7/13/2021	-	0.005	-	-	-	-	-	-	-
7/2/2021	-	0.007	-	-	-	-	-	-	-
1/27/2021	-	-	-	-	-	4.7	-	-	-
8/21/2020	ND	ND	4.5	ND	ND	4.5	-	ND	ND
3/5/2020	-	-	-	-	-	4.4	-	-	-
3/19/2019	-	-	-	-	-	3.6	-	-	-
3/22/2018	-	ND	-	-	-	-	-	-	-
2/7/2018	-	-	-	-	-	3.6	-	-	-
1/27/2017	ND	ND	4.2	ND	ND	3.8	-	ND	ND
1/20/2017	-	-	-	-	-	-	1.7	-	-
12/12/2016	-	ND	-	-	-	-	-	-	-
9/16/2016	-	ND	-	-	-	-	-	-	-
5/18/2016	-	ND	-	-	-	-	-	-	-
3/7/2016	-	-	-	-	-	4.2	-	-	-
Minimum Threshold	**10**	**0.0084**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-178

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/6/2023	ND	ND	3.7	ND	ND	2.7	-	ND	ND
1/12/2023	-	-	-	-	-	2.8	-	-	-
2015-2021 Groundwater Quality Data									
1/27/2021	-	-	-	-	-	2.5	-	-	-
8/11/2020	ND	ND	3.1	ND	ND	2.6	-	ND	ND
3/5/2020	-	-	-	-	-	2.7	-	-	-
11/22/2019	-	-	-	-	-	2.4	-	-	-
9/18/2019	-	-	-	-	-	2.5	-	-	-
7/17/2018	-	ND	-	-	-	-	-	-	-
4/17/2018	-	ND	-	-	-	-	-	-	-
2/7/2018	-	-	-	-	-	2.7	-	-	-
3/13/2017	ND	ND	3.1	ND	ND	2.8	-	ND	ND
12/27/2016	-	ND	-	-	-	-	-	-	-
3/11/2016	-	-	-	-	-	3.6	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-230

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
8/10/2023	2.3	ND	2.2	ND	ND	1.5	-	ND	ND
2/21/2023	-	-	-	-	-	1.2	-	-	-
2015-2021 Groundwater Quality Data									
1/8/2021	-	-	-	-	-	1.4	-	-	-
8/14/2020	2.3	ND	1.9	ND	ND	1.5	-	ND	ND
3/11/2020	-	-	-	-	-	1.2	-	-	-
11/25/2019	-	-	-	-	-	1.3	-	-	-
9/18/2018	-	ND	-	-	-	-	-	-	-
5/18/2018	-	ND	-	-	-	-	-	-	-
1/31/2018	-	-	-	-	-	1.2	-	-	-
2/13/2017	2.4	ND	2.1	ND	ND	1.2	-	ND	ND
12/29/2016	-	ND	-	-	-	-	-	-	-
3/2/2016	-	-	-	-	-	1.3	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-272

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
8/25/2023	ND	ND	0.24	ND	ND	0.41	-	ND	ND
1/12/2023	-	-	-	-	-	0.41	-	-	-
2015-2021 Groundwater Quality Data									
1/8/2021	-	-	-	-	-	0.68	-	-	-
8/11/2020	ND	ND	ND	ND	ND	0.7	-	ND	ND
3/17/2020	-	-	-	-	-	0.56	-	-	-
3/21/2019	-	-	-	-	-	0.8	-	-	-
7/17/2018	-	ND	-	-	-	-	-	-	-
4/17/2018	-	ND	-	-	-	-	-	-	-
2/7/2018	-	-	-	-	-	0.75	-	-	-
3/14/2017	ND	ND	ND	ND	ND	0.86	-	ND	ND
12/30/2016	-	ND	-	-	-	-	-	-	-
3/11/2016	-	-	-	-	-	1.3	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-274

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
1/27/2023	-	-	-	-	-	1.9	-	-	-
2015-2021 Groundwater Quality Data									
2/9/2021	-	-	-	-	-	1.9	-	-	-
9/1/2020	ND	ND	ND	ND	ND	1.7	-	ND	ND
3/13/2020	-	-	-	-	-	1.6	-	-	-
3/19/2019	-	-	-	-	-	1.8	-	-	-
9/10/2018	-	ND	-	-	-	-	-	-	-
6/11/2018	-	ND	-	-	-	-	-	-	-
2/8/2018	-	-	-	-	-	4.6	-	-	-
1/30/2017	ND	ND	ND	ND	ND	2	-	ND	ND
12/7/2016	-	ND	-	-	-	-	-	-	-
3/7/2016	-	-	-	-	-	1.7	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010007-328

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/15/2023	2.2	ND	6.6	ND	ND	4.1	-	ND	ND
2/21/2023	-	-	-	-	-	3.7	-	-	-
2015-2021 Groundwater Quality Data									
2/9/2021	-	-	-	-	-	4.2	-	-	-
9/2/2020	2.4	ND	6.7	ND	ND	4.3	-	ND	ND
3/17/2020	-	-	-	-	-	3.9	-	-	-
3/19/2019	-	-	-	-	-	4	-	-	-
9/17/2018	-	ND	-	-	-	-	-	-	-
6/18/2018	-	ND	-	-	-	-	-	-	-
2/12/2018	-	-	-	-	-	4.5	-	-	-
1/31/2017	ND	ND	7.1	ND	ND	4.6	-	ND	ND
1/18/2017	-	-	-	-	-	-	3.7	-	-
12/9/2016	-	ND	-	-	-	-	-	-	-
11/10/2016	-	-	-	-	-	4.7	-	-	-
6/13/2016	-	-	-	-	-	4.1	-	-	-
3/7/2016	-	-	-	-	-	5.3	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1010018-014

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
12/7/2022	-	-	-	-	-	2.3	-	-	-
2015-2021 Groundwater Quality Data									
9/28/2021	-	ND	-	-	-	2	-	-	-
6/30/2021	-	ND	-	-	-	2	-	-	-
3/30/2021	ND	-	-	-	-	1.8	-	-	-
12/31/2020	-	-	-	ND	-	-	-	-	-
12/11/2020	-	ND	-	-	-	1.5	-	-	-
9/3/2020	-	ND	-	-	-	1.7	-	-	-
6/30/2020	-	ND	-	-	-	1.8	-	-	-
3/31/2020	-	ND	-	-	-	1.6	-	-	-
11/15/2019	-	ND	-	-	-	1.6	-	-	-
9/4/2019	-	-	-	-	-	1.8	-	-	-
8/30/2019	-	ND	-	-	-	-	-	-	-
6/27/2019	-	ND	-	-	-	1.8	-	-	-
12/21/2018	-	ND	-	-	-	1.4	-	-	-
9/5/2018	-	ND	-	-	-	1.8	-	-	-
5/25/2018	-	ND	-	-	-	1.7	-	-	-
2/7/2018	5.3	-	-	-	-	1.8	-	-	-
1/31/2018	-	ND	-	-	-	1.8	-	-	-
11/20/2017	-	-	-	-	-	1.8	-	-	-
7/5/2017	-	-	28	-	-	-	-	-	-
3/8/2017	-	-	28	-	-	-	-	-	-
8/24/2016	-	-	31	ND	-	-	-	-	-
4/13/2016	-	ND	28	-	ND	-	-	ND	ND
2/19/2016	-	-	26	-	-	-	-	-	-
12/2/2015	6.6	-	-	-	ND	1.8	-	ND	ND
10/21/2015	-	-	27	-	-	-	-	-	-
8/3/2015	-	-	28	-	-	-	-	-	-
4/22/2015	-	-	27	-	-	-	-	-	-
1/14/2015	-	-	29	-	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**37.2**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1010018-015

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
12/14/2022	-	-	-	-	ND	1.8	-	ND	ND
12/7/2022	-	-	-	-	-	1.8	-	-	-
2015-2021 Groundwater Quality Data									
10/1/2021	-	ND	-	-	-	-	-	-	-
9/28/2021	-	-	-	-	-	2.8	-	-	-
6/30/2021	-	0.005	-	-	-	2	-	-	-
3/30/2021	7.6	-	-	-	-	1.7	-	-	-
12/31/2020	-	-	-	ND	-	-	-	-	-
12/11/2020	-	ND	-	-	-	1.6	-	-	-
9/3/2020	-	ND	-	-	-	1.6	-	-	-
6/30/2020	-	ND	-	-	-	1.6	-	-	-
3/31/2020	-	ND	-	-	-	1.5	-	-	-
11/15/2019	-	ND	-	-	-	1.6	-	-	-
9/4/2019	-	-	-	-	-	1.6	-	-	-
8/30/2019	-	ND	-	-	-	-	-	-	-
6/27/2019	-	ND	-	-	-	1.6	-	-	-
12/21/2018	-	ND	-	-	-	1.4	-	-	-
9/5/2018	-	ND	-	-	-	1.5	-	-	-
5/25/2018	-	ND	-	-	-	1.5	-	-	-
2/7/2018	8.5	-	-	-	-	2	-	-	-
1/31/2018	-	ND	-	-	-	1.9	-	-	-
11/20/2017	-	-	-	-	-	1.9	-	-	-
7/5/2017	-	-	27	-	-	-	-	-	-
3/8/2017	-	-	28	-	-	-	-	-	-
11/30/2016	-	-	-	-	-	1.6	-	-	-
11/2/2016	-	-	29	-	-	-	-	-	-
8/24/2016	-	-	32	ND	ND	-	-	ND	ND
4/13/2016	-	-	28	-	-	-	-	-	-
2/19/2016	-	-	28	-	-	-	-	-	-
12/2/2015	7	-	-	-	ND	1.6	-	ND	ND
10/21/2015	-	-	27	-	-	-	-	-	-
8/3/2015	-	-	27	-	-	-	-	-	-
4/22/2015	-	-	27	-	-	-	-	-	-
1/14/2015	-	-	28	-	-	-	-	-	-
Minimum Threshold	**10**	**0.006**	**38.4**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1010018-017

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
12/7/2022	-	-	-	-	-	2.1	-	-	-
2015-2021 Groundwater Quality Data									
9/28/2021	-	ND	-	-	-	2.1	-	-	-
6/30/2021	-	ND	-	-	-	1.5	-	-	-
3/30/2021	3.6	ND	-	-	-	1.7	-	-	-
12/31/2020	-	ND	-	ND	-	-	-	-	-
12/11/2020	-	ND	-	-	-	1.6	-	-	-
9/3/2020	-	ND	-	-	-	1.6	-	-	-
6/30/2020	-	ND	-	-	-	1.7	-	-	-
3/31/2020	-	ND	-	-	-	1.5	-	-	-
11/15/2019	-	ND	-	-	-	1.6	-	-	-
9/4/2019	-	-	-	-	-	1.6	-	-	-
8/30/2019	-	ND	-	-	-	-	-	-	-
6/27/2019	-	ND	-	-	-	1.6	-	-	-
12/21/2018	-	ND	-	-	-	1.7	-	-	-
9/5/2018	-	0.009	-	-	-	3.2	-	-	-
5/25/2018	-	ND	-	-	-	1.5	-	-	-
2/7/2018	4.5	-	-	-	-	1.9	-	-	-
1/31/2018	-	ND	-	-	-	2	-	-	-
11/20/2017	-	-	-	-	-	1.9	-	-	-
7/5/2017	-	-	18	-	-	-	-	-	-
3/8/2017	-	-	17	-	-	-	-	-	-
11/30/2016	-	-	-	-	-	1.3	-	-	-
11/2/2016	-	-	19	-	-	-	-	-	-
8/24/2016	-	-	21	ND	-	-	-	-	-
4/13/2016	-	ND	18	-	ND	-	-	ND	ND
2/19/2016	-	-	17	-	-	-	-	-	-
12/2/2015	3.3	-	-	-	ND	1.5	-	ND	ND
10/21/2015	-	-	17	-	-	-	-	-	-
8/3/2015	-	-	18	-	-	-	-	-	-
4/22/2015	-	-	18	-	-	-	-	-	-
1/14/2015	-	-	18	-	-	-	-	-	-
Minimum Threshold	**10**	**0.0108**	**25.2**	**0.2**	**13**	**10**	**20**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

NKGSA Well 1010049-003

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
2/8/2023	-	-	-	-	ND	3.5	-	ND	ND
2015-2021 Groundwater Quality Data									
12/16/2020	-	-	-	-	-	3.2	-	-	-
12/30/2019	-	-	-	-	-	3.6	-	-	-
10/3/2018	-	ND	-	-	-	-	-	-	-
7/6/2018	-	ND	-	-	-	-	-	-	-
5/23/2018	-	-	-	ND	-	-	-	-	-
4/11/2018	2.94	-	-	-	-	2.71	-	-	-
4/6/2018	-	ND	-	-	-	-	-	-	-
2/14/2018	-	ND	-	-	-	-	-	-	-
1/10/2018	-	-	-	-	-	2.8	-	-	-
9/6/2017	-	-	-	-	-	2.44	-	-	-
4/28/2017	-	ND	-	-	-	-	-	-	-
10/5/2016	-	-	-	ND	-	-	-	-	-
9/15/2016	2.7	-	-	-	-	27.2	-	-	-
2/18/2015	2.2	-	-	-	-	-	-	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**32.64**	**20**	**5**	**5**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

NKGSA Well 1010057-003

Sample Date	Arsenic (µg/L)	1,2,3-Trichloropropane (TCP) (µg/L)	Hexavalent Chromium (µg/L)	Dibromo-Chloropropane (DBCP) (µg/L)	Methyl Tert-Butyl Ether (MTBE) (µg/L)	Nitrate as N (mg/L)	Uranium (pCi/L)	Tetrachloroethylene (PCE) (µg/L)	Trichloroethylene (TCE) (µg/L)
Water Year 2023 Groundwater Quality Data									
9/27/2023	-	-	-	-	ND	-	-	ND	ND
7/13/2023	-	-	-	-	-	3.2	-	-	-
2015-2021 Groundwater Quality Data									
7/8/2021	-	-	-	-	-	4.1	-	-	-
10/12/2020	1.53	-	-	ND	-	-	-	-	-
7/7/2020	-	-	-	-	-	3.6	-	-	-
7/4/2019	-	-	-	-	-	3.8	-	-	-
1/22/2019	-	ND	-	-	-	-	-	-	-
10/30/2018	-	-	-	-	-	-	22.11	-	-
10/17/2018	-	ND	-	-	-	-	-	-	-
8/28/2018	-	-	-	-	-	4.5	-	-	-
7/20/2018	-	-	-	-	-	-	19.43	-	-
7/19/2018	-	ND	-	-	-	-	-	-	-
4/26/2018	-	ND	-	-	-	-	-	-	-
3/23/2018	-	-	-	-	-	-	5.4	-	-
9/27/2017	ND	-	-	ND	ND	3.5	22.11	ND	ND
6/13/2016	-	-	-	-	-	4.6	-	-	-
11/23/2015	-	-	-	-	-	5.2	-	-	-
11/9/2015	-	-	-	-	-	5.3	-	-	-
5/12/2015	-	-	-	-	-	-	29.48	-	-
Minimum Threshold	**10**	**0.005**	**20**	**0.2**	**13**	**10**	**35.376**	**5**	**5**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

South Kings Groundwater Sustainability Agency

SKGSA Well 1010035-006

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
7/12/2023	-	-	-	-	-	-	-	ND	-
4/27/2023	-	ND	-	-	0.36	-	-	ND	-
10/12/2022	-	-	-	-	-	-	-	ND	-
2015-2021 Groundwater Quality Data									
10/13/2021	-	-	-	-	-	-	-	ND	-
7/14/2021	-	-	-	-	-	-	-	ND	-
4/14/2021	-	-	-	-	0.67	-	-	0.007	-
1/13/2021	-	-	-	-	-	-	-	ND	-
10/21/2020	-	-	-	-	-	-	-	ND	-
7/15/2020	-	-	-	-	-	-	-	ND	-
4/8/2020	-	-	-	-	0.52	-	-	0.012	-
1/8/2020	-	ND	-	-	-	-	-	0.016	-
10/9/2019	-	-	-	-	-	-	-	ND	-
7/10/2019	-	-	-	-	-	-	-	ND	-
4/24/2019	0.0023	-	-	-	0.54	-	-	ND	-
1/9/2019	-	-	-	-	0.49	-	-	0.011	-
10/10/2018	-	-	-	-	-	-	-	ND	-
7/11/2018	-	-	-	-	-	-	-	ND	-
4/11/2018	-	-	-	ND	-	ND	ND	0.013	-
1/24/2018	-	-	-	-	0.76	-	-	ND	-
10/25/2017	-	-	-	-	-	-	-	ND	-
7/19/2017	-	-	-	-	-	-	-	0.007	-
4/19/2017	-	-	-	-	-	-	-	ND	-
1/11/2017	-	ND	-	-	0.51	-	-	0.01	-
10/19/2016	-	-	-	-	-	-	-	ND	-
7/20/2016	-	-	-	-	-	-	-	ND	-
4/20/2016	ND	-	-	-	1.2	-	-	ND	-
1/20/2016	-	-	-	-	-	-	-	ND	-
10/21/2015	-	-	-	-	-	-	-	ND	-
5/13/2015	-	-	-	-	-	-	-	ND	-
1/21/2015	-	-	-	-	-	-	-	ND	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0192**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010035-007

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
7/12/2023	-	-	-	-	-	-	-	0.0067	-
4/12/2023	0.0025	-	-	-	0.64	-	-	0.0065	-
1/11/2023	-	ND	-	-	-	-	-	0.0087	-
10/12/2022	-	-	-	ND	-	ND	ND	ND	-
2015-2021 Groundwater Quality Data									
10/13/2021	-	-	-	-	-	-	-	0.0082	-
7/14/2021	-	-	-	-	-	-	-	0.009	-
4/14/2021	-	-	-	-	0.66	-	-	0.008	-
1/13/2021	-	-	-	-	-	-	-	0.009	-
10/21/2020	-	-	-	-	-	-	-	0.011	-
7/15/2020	-	-	-	-	-	-	-	0.016	-
4/8/2020	-	-	-	-	0.46	-	-	ND	-
1/8/2020	-	ND	-	-	-	-	-	ND	-
10/9/2019	-	-	-	-	-	-	-	0.006	-
7/10/2019	-	-	-	-	-	-	-	0.009	-
4/24/2019	ND	-	-	-	0.55	-	-	0.009	-
1/9/2019	-	-	-	-	0.49	-	-	0.008	-
10/10/2018	-	-	-	-	-	-	-	0.01	-
7/11/2018	-	-	-	-	-	-	-	0.022	-
4/11/2018	-	-	-	-	-	-	-	0.013	-
1/24/2018	-	-	-	-	0.51	-	-	0.01	-
10/25/2017	-	-	-	-	-	-	-	0.009	-
7/26/2017	-	-	-	-	-	-	-	0.008	-
4/26/2017	-	-	-	-	-	-	-	0.01	-
1/18/2017	-	ND	-	-	0.54	-	-	0.008	-
10/26/2016	-	-	-	ND	-	ND	ND	0.006	-
7/20/2016	-	-	-	-	-	-	-	0.011	-
4/27/2016	ND	-	-	-	0.53	-	-	0.01	-
1/27/2016	-	-	-	-	-	-	-	ND	-
10/28/2015	-	-	-	-	-	-	-	0.007	-
5/20/2015	-	-	-	-	-	-	-	0.043	-
1/14/2015	-	-	-	-	-	-	-	0.022	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0516**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010006-007

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
8/7/2023	-	-	-	-	-	-	-	ND	-
4/25/2023	-	-	-	-	-	-	-	ND	-
10/5/2022	0.0022	ND	-	-	1.2	-	-	ND	-
2015-2021 Groundwater Quality Data									
3/29/2021	-	-	-	-	1.6	-	-	-	-
1/26/2021	-	-	-	-	-	-	-	ND	-
12/23/2020	-	-	-	-	1.7	-	-	-	-
7/17/2020	-	-	-	-	-	-	-	ND	-
4/14/2020	-	-	-	-	-	-	-	0.006	-
3/30/2020	-	-	-	-	-	-	-	ND	-
2/19/2020	-	-	-	-	-	-	-	ND	-
1/14/2020	-	-	-	-	2.1	-	-	ND	-
12/12/2019	-	-	-	-	-	-	-	0.005	-
11/19/2019	-	-	-	-	-	-	-	ND	-
10/23/2019	-	-	-	-	-	-	-	ND	-
9/17/2019	-	-	-	-	-	-	-	ND	-
5/2/2019	ND	ND	-	ND	1.3	ND	ND	ND	-
12/14/2018	-	-	-	-	1.1	-	-	ND	-
9/21/2018	-	-	-	-	-	-	-	ND	-
8/16/2018	-	-	-	-	-	-	-	ND	-
7/18/2018	-	-	-	-	-	-	-	ND	-
6/22/2018	-	-	-	-	-	-	-	ND	-
5/15/2018	-	-	-	-	-	-	-	0.006	-
4/23/2018	-	-	-	-	-	-	-	0.006	-
3/27/2018	-	-	-	-	-	-	-	0.005	-
8/1/2017	-	ND	-	-	-	-	-	-	-
6/13/2017	-	-	-	-	1.1	-	-	-	-
7/18/2016	-	0.000029	-	-	-	-	-	-	-
4/13/2016	ND	-	-	ND	1.2	ND	ND	-	-
12/15/2015	-	-	-	-	2.6	-	-	-	-
7/27/2015	-	0.000014	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0072**	**20**

Notes:
Minimum Threshold values established by method presented in GSP.
- = Constituent not analyzed
Above Minimum Threshold

SKGSA Well 1010006-008

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
9/6/2023	-	-	-	-	-	-	-	0.0072	-
8/10/2023	-	-	-	-	-	-	-	0.008	-
8/7/2023	-	0.000046	-	-	-	-	-	-	-
7/24/2023	-	-	-	-	-	-	-	0.013	-
5/18/2023	-	-	-	-	-	-	-	ND	-
4/25/2023	-	0.000025	-	-	-	-	-	ND	-
4/5/2023	-	-	-	-	-	-	-	ND	-
3/7/2023	-	-	-	-	-	-	-	0.0065	-
2/7/2023	-	-	-	-	-	-	-	0.0069	-
1/20/2023	-	-	-	-	-	-	-	0.0086	-
12/9/2022	-	-	-	-	-	-	-	0.0071	-
11/10/2022	-	-	-	-	-	-	-	0.0079	-
10/17/2022	-	-	-	-	-	-	-	0.0085	-
10/5/2022	0.0032	0.000043	-	-	2.6	-	-	-	-
2015-2021 Groundwater Quality Data									
12/21/2021	-	-	-	-	-	-	-	ND	-
10/14/2021	-	-	-	-	-	-	-	ND	-
8/18/2021	-	-	-	-	-	-	-	0.0079	-
7/14/2021	-	-	-	-	-	-	-	0.024	-
6/16/2021	-	-	-	-	-	-	-	0.009	-
5/12/2021	-	-	-	-	-	-	-	ND	-
4/20/2021	-	-	-	-	-	-	-	ND	-
3/29/2021	-	-	-	-	1.1	-	-	-	-
3/16/2021	-	-	-	-	-	-	-	ND	-
2/17/2021	-	-	-	-	-	-	-	0.008	-
1/26/2021	-	-	-	-	-	-	-	ND	-
12/23/2020	-	-	-	-	2.8	-	-	-	-
12/15/2020	-	-	-	-	-	-	-	0.013	-
10/19/2020	-	-	-	-	-	-	-	0.007	-
9/21/2020	-	-	-	-	-	-	-	0.008	-
8/12/2020	-	-	-	-	-	-	-	0.007	-
7/17/2020	-	-	-	-	-	-	-	0.007	-
6/11/2020	-	-	-	-	-	-	-	0.006	-
5/11/2020	-	-	-	-	-	-	-	0.007	-
4/14/2020	-	-	-	-	-	-	-	0.008	-
3/30/2020	-	-	-	-	-	-	-	0.006	-
2/19/2020	-	-	-	-	2.4	-	-	0.006	-
1/14/2020	-	-	-	-	-	-	-	0.006	-
12/12/2019	-	-	-	-	-	-	-	0.006	-
11/19/2019	-	-	-	-	-	-	-	0.007	-
10/23/2019	-	-	-	-	-	-	-	0.007	-
9/17/2019	-	-	-	-	-	-	-	0.006	-
8/26/2019	-	-	-	-	-	-	-	0.006	-
6/20/2019	-	-	-	-	-	-	-	0.006	-
4/22/2019	ND	0.000043	-	ND	2	ND	ND	0.006	-
3/14/2019	-	-	-	-	-	-	-	0.006	-
2/19/2019	-	-	-	-	-	-	-	0.006	-
1/23/2019	-	-	-	-	-	-	-	0.005	-
12/14/2018	-	-	-	-	2.1	-	-	0.006	-
11/21/2018	-	-	-	-	-	-	-	0.006	-
9/21/2018	-	-	-	-	-	-	-	0.006	-
8/16/2018	-	-	-	-	-	-	-	ND	-
7/18/2018	-	-	-	-	-	-	-	0.021	-
6/22/2018	-	-	-	-	-	-	-	0.006	-
5/15/2018	-	-	-	-	-	-	-	0.007	-
4/23/2018	-	-	-	-	-	-	-	0.007	-
3/27/2018	-	-	-	-	-	-	-	0.005	-
1/4/2018	-	0.000092	-	-	3.1	-	-	-	-

SKGSA Well 1010006-008

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
11/15/2017	-	0.000055	-	-	2.3	-	-	-	-
8/1/2017	-	0.000057	-	-	2.3	-	-	-	-
4/10/2017	-	0.000056	-	-	2.2	-	-	-	-
2/14/2017	-	-	-	-	2.5	-	-	-	-
2/9/2017	-	0.000068	-	-	-	-	-	-	-
10/5/2016	-	0.000072	-	-	-	-	-	-	-
7/18/2016	-	0.000081	-	-	-	-	-	-	-
4/13/2016	ND	-	-	ND	4.1	ND	ND	-	-
7/27/2015	-	0.000085	-	-	-	-	-	-	-
4/30/2015	-	0.00016	-	-	-	-	-	-	-
2/4/2015	-	0.000087	-	-	-	-	-	-	-
1/26/2015	-	0.0002	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.00024**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0288**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010025-010

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
7/5/2023	-	-	-	-	7.5	-	-	0.16	-
4/5/2023	-	0.000043	-	-	-	-	-	0.12	-
1/4/2023	0.0022	-	-	-	2.3	-	-	0.035	-
10/19/2022	-	-	-	-	4.9	-	-	-	-
10/5/2022	-	-	-	-	16	-	-	0.37	-
2015-2021 Groundwater Quality Data									
10/6/2021	-	-	-	-	4.8	-	-	0.12	-
7/7/2021	-	-	-	-	2.1	-	-	0.034	-
4/7/2021	-	0.000059	-	-	6.4	-	-	0.16	-
1/13/2021	-	-	-	-	1.5	-	-	-	-
1/5/2021	-	-	-	-	-	-	-	0.012	-
10/7/2020	-	-	-	-	4.2	-	-	0.099	-
7/1/2020	-	-	-	-	2.8	-	-	0.032	-
4/1/2020	-	0.000035	-	-	4.7	-	-	0.067	-
1/22/2020	-	-	-	-	9	-	-	-	-
1/8/2020	-	-	-	-	14	-	-	-	-
1/2/2020	ND	-	-	-	12	-	-	0.29	-
10/2/2019	-	-	-	-	5.8	-	-	0.13	-
7/3/2019	-	-	-	-	5.1	-	-	0.11	-
4/3/2019	-	0.000086	-	-	6.6	-	-	0.16	-
1/2/2019	-	-	-	-	7.3	-	-	0.093	-
11/15/2018	-	-	-	-	4.8	-	-	-	-
10/3/2018	-	-	-	-	11	-	-	0.33	-
7/5/2018	-	-	-	-	4.2	-	-	0.1	-
4/9/2018	-	-	-	-	4.6	-	-	-	-
4/4/2018	-	-	-	-	10	-	-	0.17	-
1/3/2018	-	-	-	-	6.2	-	-	0.1	-
10/4/2017	-	-	-	ND	2.7	ND	ND	0.02	-
7/5/2017	-	-	-	-	6.5	-	-	0.11	-
4/5/2017	-	-	-	-	6.4	-	-	0.1	-
1/4/2017	ND	-	-	-	10	-	-	0.25	-
10/6/2016	-	-	-	-	-	-	-	0.26	-
7/6/2016	-	-	-	-	-	-	-	0.11	-
4/6/2016	-	0.000066	-	-	3.6	-	-	0.073	-
1/20/2016	-	-	-	-	-	-	-	ND	-
10/7/2015	-	-	-	-	-	-	-	0.066	-
7/1/2015	-	-	-	-	-	-	-	ND	-
5/6/2015	-	-	-	-	-	-	-	0.062	-
1/7/2015	-	-	-	-	-	-	-	ND	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**16.8**	**0.005**	**0.005**	**0.396**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010025-012

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
7/26/2023	-	-	-	ND	-	ND	ND	0.075	-
4/26/2023	-	0.000028	-	-	-	-	-	0.079	-
1/25/2023	ND	-	-	-	4.7	-	-	0.073	-
10/26/2022	-	-	-	-	-	-	-	0.064	-
2015-2021 Groundwater Quality Data									
10/27/2021	-	-	-	-	-	-	-	0.04	-
7/21/2021	-	-	-	-	-	-	-	0.038	-
4/28/2021	-	0.000015	-	-	-	-	-	0.036	-
1/27/2021	-	-	-	-	3	-	-	0.038	-
10/28/2020	-	-	-	-	-	-	-	0.029	-
7/22/2020	-	-	-	-	-	-	-	0.031	-
4/22/2020	-	0.000023	-	-	-	-	-	0.035	-
1/22/2020	0.0034	-	-	-	2.6	-	-	0.04	-
10/23/2019	-	-	-	-	-	-	-	0.028	-
7/24/2019	-	-	-	-	-	-	-	0.027	-
4/24/2019	-	0.000049	-	-	-	-	-	0.029	-
1/23/2019	-	-	-	-	3	-	-	0.025	-
10/24/2018	-	-	-	-	-	-	-	0.027	-
7/25/2018	-	-	-	-	-	-	-	0.035	-
4/25/2018	-	-	-	-	-	-	-	0.038	-
1/24/2018	-	-	-	-	4.3	-	-	0.048	-
10/25/2017	-	-	-	-	-	-	-	0.038	-
7/26/2017	-	-	-	ND	-	ND	ND	0.02	-
4/26/2017	-	-	-	-	-	-	-	0.008	-
1/25/2017	ND	-	-	-	4.4	-	-	0.049	-
10/26/2016	-	-	-	-	3.6	-	-	0.045	-
7/27/2016	-	-	-	-	-	-	-	0.04	-
4/27/2016	-	0.00003	-	-	0.69	-	-	0.023	-
1/27/2016	-	-	-	-	-	-	-	0.049	-
10/28/2015	-	-	-	-	-	-	-	0.02	-
7/22/2015	-	-	-	-	-	-	-	0.025	-
5/27/2015	-	-	-	-	-	-	-	0.03	-
1/28/2015	-	-	-	-	-	-	-	0.038	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0588**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010029-003

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
7/25/2023	-	0.00011	-	-	6.2	-	-	-	-
7/11/2023	ND	0.00012	-	-	6.7	-	-	ND	-
6/27/2023	-	0.00013	-	-	6.3	-	-	-	-
5/31/2023	-	0.00013	-	-	6.1	-	-	-	-
5/2/2023	-	0.00013	-	-	6.6	-	-	-	-
4/4/2023	-	0.00012	-	-	6.3	-	-	-	-
3/7/2023	-	0.00012	-	-	6	-	-	-	-
2/7/2023	-	0.00013	-	-	6.6	-	-	-	-
12/13/2022	-	0.00011	-	-	7.5	-	-	-	-
11/15/2022	-	0.00011	-	-	6.1	-	-	-	-
10/18/2022	-	ND	-	-	7	-	-	-	-
2015-2021 Groundwater Quality Data									
12/17/2021	-	0.00017	-	-	5.4	-	-	-	-
11/16/2021	-	0.00015	-	-	5.1	-	-	-	-
10/19/2021	-	0.00017	-	-	6	-	-	-	-
9/21/2021	-	0.00017	-	-	5.3	-	-	-	-
8/24/2021	-	0.0002	-	-	5.7	-	-	-	-
8/12/2021	-	-	-	-	-	0.00051	ND	-	-
7/27/2021	-	0.00019	-	-	5.6	-	-	-	-
6/29/2021	-	0.00017	-	-	5.4	-	-	-	-
6/2/2021	-	0.00015	-	-	5.4	-	-	-	-
5/5/2021	-	0.0002	-	-	5.7	-	-	-	-
4/6/2021	-	0.0002	-	-	5.7	-	-	-	-
3/9/2021	-	0.00016	-	-	5.5	-	-	-	-
3/3/2021	-	-	-	-	-	0.00051	-	-	-
2/9/2021	-	0.00017	-	-	5.5	-	-	-	-
1/12/2021	-	0.00013	-	-	5.3	-	-	-	-
12/15/2020	-	0.00019	-	-	5.4	-	-	-	-
10/21/2020	-	0.00019	-	-	5.1	-	-	-	-
10/6/2020	-	-	-	-	-	0.00055	-	-	-
8/25/2020	-	0.00016	-	-	5.1	-	-	-	-
8/12/2020	-	-	-	-	-	ND	-	-	-
7/29/2020	-	0.00016	-	-	4.8	-	-	-	-
7/14/2020	-	-	-	-	-	0.00053	-	-	-
6/30/2020	-	0.00015	-	-	5.1	-	-	-	-
6/16/2020	-	-	-	-	-	0.00051	-	-	-
6/2/2020	-	0.0002	-	-	5.1	-	-	-	-
5/19/2020	-	-	-	-	-	0.00053	-	-	-
5/18/2020	0.0011	0.00021	-	ND	5	0.00056	ND	-	-
5/5/2020	-	0.00016	-	-	5	-	-	-	-
4/7/2020	-	0.0002	-	-	5.1	-	-	-	-
3/11/2020	-	0.00016	-	-	5.1	-	-	-	-
2/25/2020	-	0.00016	-	-	-	-	-	-	-
2/21/2020	-	-	-	-	5.6	-	-	-	-
12/17/2019	-	0.0002	-	-	4.9	-	-	-	-
9/24/2019	-	0.00019	-	-	4.8	-	-	-	-
8/27/2019	-	0.00019	-	-	4.7	-	-	-	-
7/30/2019	-	0.00021	-	-	4.6	-	-	-	-
7/16/2019	-	-	-	-	-	0.00061	-	-	-
7/2/2019	-	0.00018	-	-	4.7	-	-	-	-
6/4/2019	-	0.00013	-	-	4.8	-	-	-	-
5/7/2019	-	0.00018	-	-	4.6	-	-	-	-
4/9/2019	-	0.00019	-	-	5	0.00053	-	-	-
3/12/2019	-	0.0002	-	-	6.1	-	-	-	-
2/12/2019	-	0.0002	-	-	4.5	-	-	-	-
1/15/2019	-	0.00019	-	-	4.4	0.00059	-	-	-
12/18/2018	-	0.00019	-	-	4.6	-	-	-	-
11/19/2018	-	0.00017	-	-	4.4	ND	-	-	-

SKGSA Well 1010029-003

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
10/23/2018	-	0.00018	-	-	4.5	0.00057	-	-	-
10/17/2018	-	-	-	-	-	-	-	ND	-
9/25/2018	-	0.00017	-	-	-	-	-	-	-
8/28/2018	-	0.00017	-	-	4.6	-	-	-	-
8/14/2018	-	-	-	-	-	0.0006	-	-	-
7/31/2018	-	0.00019	-	-	4.2	-	-	-	-
7/24/2018	-	-	-	-	-	0.00066	-	-	-
7/18/2018	-	-	-	-	-	-	-	ND	-
7/3/2018	-	0.00022	-	-	4	-	-	-	-
5/8/2018	-	0.00017	-	-	3.9	-	-	-	-
4/19/2018	-	-	-	-	-	-	-	ND	-
4/10/2018	-	0.00017	-	-	4.4	ND	-	-	-
3/13/2018	-	0.0002	-	-	4.2	-	-	-	-
1/30/2018	-	-	-	-	-	0.00057	-	-	-
1/17/2018	-	-	-	-	-	-	-	ND	-
1/16/2018	-	ND	-	-	4.6	-	-	-	-
12/19/2017	-	0.00022	-	-	3.6	-	-	-	-
11/20/2017	-	0.00022	-	-	4.4	-	-	-	-
10/24/2017	-	0.00021	-	-	4.4	0.00063	-	-	-
9/26/2017	-	0.00023	-	-	4.5	-	-	-	-
8/29/2017	-	0.00022	-	-	4.3	-	-	-	-
8/17/2017	-	0.00026	-	-	-	-	-	-	-
8/1/2017	-	0.00021	-	-	4.3	-	-	-	-
7/6/2017	-	0.00019	-	-	4.2	0.00068	-	-	-
6/6/2017	-	0.0002	-	-	4.5	-	-	-	-
5/11/2017	ND	0.00027	-	ND	4.3	0.00065	ND	-	-
5/9/2017	-	0.00021	-	-	4.2	-	-	-	-
4/13/2017	-	0.00018	-	-	4.4	-	-	-	-
3/29/2017	-	-	-	-	-	-	-	ND	-
3/14/2017	-	0.00022	-	-	4.4	-	-	-	-
1/17/2017	-	0.00016	-	-	4.2	-	-	-	-
1/12/2017	-	-	-	-	-	0.00072	-	-	-
12/20/2016	-	0.0002	-	-	4.2	-	-	-	-
12/7/2016	-	-	-	-	-	-	-	-	3.9
11/22/2016	-	0.00026	-	-	4.1	-	-	-	-
10/25/2016	-	0.00024	-	-	4.4	-	-	-	-
9/27/2016	-	0.00026	-	-	4.3	-	-	-	-
8/30/2016	-	0.00028	-	-	4.2	-	-	-	-
8/16/2016	-	-	-	-	-	0.00077	-	-	-
8/4/2016	-	-	-	-	-	-	-	ND	-
8/2/2016	-	0.00025	-	-	4.5	-	-	-	-
7/5/2016	-	0.0003	-	-	4.4	-	-	-	-
6/7/2016	-	0.00028	-	-	4.6	-	-	-	-
5/10/2016	-	0.0003	-	-	4.5	-	-	-	-
5/2/2016	-	0.0003	-	-	4.6	-	-	-	-
4/12/2016	-	0.00031	-	-	4.4	-	-	-	-
4/5/2016	-	-	-	-	-	0.00098	-	-	-
3/15/2016	-	0.00029	-	-	4.6	-	-	-	-
2/16/2016	-	-	-	-	4.6	-	-	-	-
1/20/2016	-	0.00026	-	-	4.7	-	-	-	-
12/22/2015	-	0.00026	-	-	4.5	-	-	-	-
11/23/2015	-	0.00025	-	-	-	-	-	-	-
10/28/2015	-	0.00034	-	-	-	-	-	-	-
10/21/2015	-	-	-	-	-	0.00083	-	-	-
9/29/2015	-	0.00032	-	-	-	-	-	-	-
8/13/2015	-	-	-	-	-	0.0011	-	-	-
8/4/2015	-	0.00028	-	-	-	-	-	-	-
7/28/2015	-	0.00021	-	-	-	-	-	-	-
6/9/2015	-	0.00028	-	-	-	-	-	-	-

SKGSA Well 1010029-003

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
5/13/2015	-	0.00027	-	-	-	-	-	-	-
4/14/2015	-	0.00029	-	-	-	-	-	-	-
4/7/2015	-	-	-	-	-	0.001	-	-	-
3/17/2015	-	0.00031	-	-	-	-	-	-	-
2/24/2015	-	-	-	-	-	0.00086	-	-	-
2/18/2015	-	0.0003	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.000408**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010029-022

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
9/19/2023	-	0.000073	-	-	2.2	-	-	-	-
8/23/2023	-	0.000068	-	-	2.2	-	-	-	-
7/25/2023	-	0.00007	-	-	2	-	-	-	-
7/11/2023	0.0035	0.000086	-	-	2.2	-	-	ND	-
3/7/2023	-	0.000086	-	-	2.1	-	-	-	-
2/7/2023	-	0.000087	-	-	2.3	-	-	-	-
1/11/2023	-	0.000086	-	-	2.1	-	-	-	-
12/13/2022	-	0.000096	-	-	2.5	-	-	-	-
11/15/2022	-	0.000091	-	-	2.1	-	-	-	-
10/18/2022	-	0.000092	-	-	2.4	-	-	-	-
2015-2021 Groundwater Quality Data									
12/15/2021	-	0.00009	-	-	0.59	-	-	-	-
11/16/2021	-	0.000088	-	-	2.2	-	-	-	-
10/19/2021	-	0.0001	-	-	2.5	-	-	-	-
8/24/2021	-	0.000087	-	-	2.4	-	-	-	-
7/27/2021	-	0.00011	-	-	2.2	-	-	-	-
6/29/2021	-	0.00012	-	-	2.2	-	-	-	-
6/2/2021	-	0.000082	-	-	2.2	-	-	-	-
5/21/2021	-	0.000092	-	-	2	-	-	-	-
4/6/2021	-	0.000094	-	-	2.3	-	-	-	-
3/9/2021	-	0.000084	-	-	2.3	-	-	-	-
2/9/2021	-	0.000097	-	-	2.3	-	-	-	-
1/12/2021	-	0.000066	-	-	2.3	-	-	-	-
12/15/2020	-	0.00009	-	-	2.2	-	-	-	-
11/17/2020	-	0.000087	-	-	2.2	-	-	-	-
10/21/2020	-	0.000083	-	-	-	-	-	-	-
8/25/2020	-	0.000088	-	-	2.3	-	-	-	-
7/29/2020	-	0.000081	-	-	2.2	-	-	-	-
6/30/2020	-	0.0001	-	-	2.4	-	-	-	-
6/2/2020	-	0.00011	-	-	2.3	-	-	-	-
5/18/2020	0.0033	0.00014	-	ND	2.5	ND	ND	-	-
5/5/2020	-	0.000092	-	-	2.3	-	-	-	-
4/7/2020	-	0.000097	-	-	2.2	-	-	-	-
3/11/2020	-	0.000076	-	-	2.2	-	-	-	-
2/12/2020	-	0.000092	-	-	2.2	-	-	-	-
12/17/2019	-	0.0001	-	-	2.2	-	-	-	-
9/24/2019	-	0.00013	-	-	2.4	-	-	-	-
7/30/2019	-	0.00011	-	-	2.2	-	-	-	-
7/2/2019	-	0.00009	-	-	2.3	-	-	-	-
5/7/2019	-	0.000095	-	-	2.2	-	-	-	-
4/9/2019	-	0.00011	-	-	2.3	-	-	-	-
2/12/2019	-	0.000095	-	-	2.2	-	-	-	-
1/22/2019	-	0.00011	-	-	2.2	-	-	-	-
12/18/2018	-	0.000094	-	-	2.1	-	-	-	-
10/23/2018	-	0.0001	-	-	2.1	-	-	-	-
10/17/2018	-	-	-	-	-	-	-	ND	-
9/25/2018	-	0.000095	-	-	-	-	-	-	-
7/31/2018	-	0.0001	-	-	2.1	-	-	-	-
7/18/2018	-	-	-	-	-	-	-	ND	-
7/3/2018	-	0.000091	-	-	1.9	-	-	-	-
6/5/2018	-	0.000087	-	-	2.3	-	-	-	-
5/8/2018	-	0.000085	-	-	2.1	-	-	-	-
4/18/2018	-	-	-	-	-	-	-	ND	-
4/10/2018	-	0.000094	-	-	2.1	-	-	-	-
3/14/2018	-	0.00012	-	-	2.1	-	-	-	-
2/13/2018	-	0.0001	-	-	2.1	-	-	-	-
1/17/2018	-	0.00011	-	-	2.1	-	-	ND	-
10/24/2017	-	0.00012	-	-	2.2	-	-	-	-

SKGSA Well 1010029-022

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
9/26/2017	-	0.00013	-	-	2.3	-	-	-	-
8/29/2017	-	0.00011	-	-	2.4	-	-	-	-
8/17/2017	-	0.00014	-	-	-	-	-	-	-
8/1/2017	-	0.00012	-	-	2.4	-	-	-	-
7/5/2017	-	0.00014	-	-	2.4	-	-	-	-
6/6/2017	-	0.00012	-	-	2.6	-	-	-	-
5/11/2017	0.0031	0.00018	-	ND	2.5	ND	ND	-	-
5/9/2017	-	-	-	-	2.5	-	-	-	-
4/13/2017	-	0.00017	-	-	2.6	-	-	-	-
3/29/2017	-	-	-	-	-	-	-	0.0078	-
3/14/2017	-	0.00013	-	-	2.8	-	-	-	-
2/14/2017	-	0.00015	-	-	2.9	-	-	-	-
12/20/2016	-	0.00014	-	-	2.7	-	-	-	-
11/22/2016	-	0.00013	-	-	2.7	-	-	-	-
10/25/2016	-	0.00019	-	-	2.8	-	-	-	-
9/27/2016	-	0.0002	-	-	2.6	-	-	-	-
8/30/2016	-	0.00019	-	-	3	-	-	-	-
8/4/2016	-	-	-	-	-	-	-	0.0095	-
8/2/2016	-	0.00018	-	-	3.1	-	-	-	-
7/5/2016	-	0.00021	-	-	3.2	-	-	-	-
6/7/2016	-	0.00021	-	-	3.3	-	-	-	-
5/10/2016	-	0.00022	-	-	3.3	-	-	-	-
4/12/2016	-	0.00023	-	-	3.3	-	-	-	-
3/15/2016	-	0.00023	-	-	3.3	-	-	-	-
2/16/2016	-	0.00023	-	-	3.5	-	-	-	-
1/20/2016	-	0.00019	-	-	3.5	-	-	-	-
12/22/2015	-	0.00021	-	-	3.4	-	-	-	-
11/23/2015	-	0.0002	-	-	-	-	-	-	-
10/28/2015	-	0.00028	-	-	-	-	-	-	-
9/29/2015	-	0.00025	-	-	-	-	-	-	-
8/4/2015	-	0.00021	-	-	-	-	-	-	-
7/7/2015	-	0.0002	-	-	-	-	-	-	-
6/9/2015	-	0.00023	-	-	-	-	-	-	-
5/13/2015	-	0.00025	-	-	-	-	-	-	-
4/14/2015	-	0.00026	-	-	-	-	-	-	-
3/17/2015	-	0.00025	-	-	-	-	-	-	-
2/18/2015	-	0.00027	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.000336**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0114**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010019-007

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
9/27/2023	-	0.000075	-	-	-	-	-	-	-
4/18/2023	-	-	-	-	4.8	-	-	-	-
2015-2021 Groundwater Quality Data									
9/20/2021	-	0.000072	-	-	-	-	-	-	-
4/5/2021	0.0027	-	-	-	4.3	-	-	-	-
3/9/2021	-	-	-	-	4.4	-	-	-	-
9/9/2020	-	0.000053	-	-	-	-	-	-	-
8/3/2020	-	0.000056	-	-	-	-	-	-	-
3/2/2020	-	-	-	-	3.9	-	-	-	-
7/16/2019	-	0.000062	-	-	-	-	-	-	-
2/25/2019	-	-	-	-	-	-	-	ND	-
2/6/2019	-	0.000066	-	-	3.7	-	-	-	-
12/12/2018	-	-	-	-	-	-	-	ND	-
12/11/2018	-	-	-	ND	-	ND	ND	-	-
9/20/2018	-	-	-	-	-	-	-	ND	-
6/22/2018	-	-	-	-	-	-	-	ND	-
4/11/2018	0.003	-	-	-	-	-	-	-	-
3/27/2018	-	-	-	-	-	-	-	ND	-
1/24/2018	-	0.000048	-	-	4	-	-	-	-
1/17/2018	-	-	-	-	-	-	-	ND	-
7/21/2016	-	0.00005	-	-	4.6	-	-	-	-
12/17/2015	-	-	-	ND	4.6	ND	ND	-	-
3/26/2015	0.003	0.00006	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.005**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

\- = Constituent not analyzed

Above Minimum Threshold

SKGSA Well 1010019-009

Sample Date	As (mg/L)	DBCP (mg/L)	Cr(VI) (mg/L)	MTBE (mg/L)	N03-N (mg/L)	PCE (mg/L)	TCE (mg/L)	TCP (µg/L)	Ur (pCi/L)
Water Year 2023 Groundwater Quality Data									
9/27/2023	-	ND	-	-	-	-	-	-	-
8/8/2023	-	-	-	-	-	-	-	0.0065	-
5/30/2023	-	-	-	-	-	-	-	0.0091	-
2/6/2023	-	-	-	-	-	-	-	0.0052	-
12/6/2022	-	-	-	-	4.9	-	-	-	-
10/24/2022	-	-	-	-	-	-	-	0.017	-
2015-2021 Groundwater Quality Data									
12/15/2021	-	-	-	-	-	-	-	0.017	-
12/14/2021	-	-	-	-	3.3	-	-	-	-
11/8/2021	-	-	-	-	-	-	-	0.018	-
10/26/2021	-	-	-	-	-	-	-	0.02	-
10/5/2021	-	-	-	-	-	-	-	0.023	-
9/20/2021	-	0.000013	-	-	-	-	-	-	-
6/3/2021	-	-	-	-	-	-	-	0.024	-
4/5/2021	ND	-	-	-	5	-	-	-	-
3/19/2021	-	-	-	-	-	-	-	0.032	-
3/9/2021	-	-	-	-	5.6	-	-	-	-
11/17/2020	-	-	-	-	-	-	-	0.022	-
9/9/2020	-	0.000014	-	-	-	-	-	-	-
8/26/2020	-	-	-	-	-	-	-	0.014	-
8/3/2020	-	0.000013	-	-	-	-	-	-	-
5/20/2020	-	-	-	-	-	-	-	0.019	-
3/5/2020	-	-	-	-	-	-	-	0.019	-
3/2/2020	-	-	-	-	4.9	-	-	-	-
12/9/2019	-	-	-	-	-	-	-	0.02	5.2
9/18/2019	-	-	-	-	-	-	-	0.018	-
7/16/2019	-	0.000027	-	-	-	-	-	-	-
6/21/2019	-	-	-	-	-	-	-	0.018	-
5/14/2019	-	-	-	-	-	-	-	0.013	-
2/25/2019	-	-	-	-	-	-	-	0.009	-
2/6/2019	-	0.000032	-	-	4.1	-	-	-	-
1/30/2019	-	-	-	-	-	-	-	0.011	-
12/12/2018	-	-	-	-	-	-	-	0.012	-
9/20/2018	-	-	-	-	-	-	-	0.013	-
6/22/2018	-	-	-	-	-	-	-	ND	-
4/27/2018	-	-	-	-	-	-	-	0.006	-
4/11/2018	ND	-	-	-	-	-	-	-	-
3/27/2018	-	-	-	-	-	-	-	0.012	-
3/6/2018	-	-	-	-	-	-	-	0.019	-
2/14/2018	-	-	-	-	-	-	-	0.019	-
1/24/2018	-	0.000041	-	ND	4.5	ND	ND	-	-
1/17/2018	-	-	-	-	-	-	-	0.021	-
7/21/2016	-	0.00004	-	-	4.6	-	-	-	5.34
12/17/2015	-	-	-	-	5.7	-	-	-	-
3/26/2015	0.002	0.00008	-	-	-	-	-	-	-
Minimum Threshold	**0.01**	**0.0002**	**0.05**	**0.013**	**10**	**0.005**	**0.005**	**0.0384**	**20**

Notes:

Minimum Threshold values established by method presented in GSP.

- = Constituent not analyzed

Above Minimum Threshold

Appendix F – Updated Groundwater Quality Monitoring Network Wells Lists

Central Kings GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Arsenic Minimum Threshold (mg/L)	DBCP Minimum Threshold (mg/L)	Methyl Tert-Butyl Ether (MTBE) Minimum Threshold (mg/L)	Nitrate as N Minimum Threshold (mg/L)	Tetrachloroethylene (PCE) Minimum Threshold (mg/L)	Trichloroethylene (TCE) Minimum Threshold (mg/L)	1,2,3-Trichloropropane (TCP) Minimum Threshold (µg/L)	Uranium Minimum Threshold (pCi/L)	Hexavalent Chromium Minimum Threshold (µg/L)
1000192-001	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.0072	20	20
1000194-001	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1000196-012	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.16	20	20
1000198-002	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1000199-001	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.025	20	20
1000200-003	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1000204-001	Public Supply	0.01	0.0002	0.013	12	0.005	0.005	0.01	46.63	20
1000315-003	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1000526-001	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.006	20	20
1000534-001	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1000575-003	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1000576-002	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1010024-010	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.024	20	20
1010024-018	Public Supply	0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20
1010039-005	Public Supply	0.017	0.0002	0.013	10	0.005	0.005	0.06	20	20
California MCLs		0.01	0.0002	0.013	10	0.005	0.005	0.005	20	20*

Notes:
* = Currently no MCL value. USGS Health Based Screening Level listed instead.

James GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Arsenic Minimum Threshold (μg/L)	Chromium - Total Minimum Threshold (μg/L)	Fluoride Minimum Threshold (μg/L)	Gross Alpha Minimum Threshold (pCi/L)	Lead Minimum Threshold (μg/L)	Nitrate as N Minimum Threshold (mg/L)	1,2,3-Trichloropropane Minimum Threshold (μg/L)	Uranium Minimum Threshold (pCi/L)	Manganese Minimum Threshold (μg/L)	Boron Minimum Threshold (μg/L)
1010030-006	Municpal	10	50	2000	15	15	10	0.005	20	1920	1000
1010034-003	Municpal	10	50	2000	15	15	10	0.005	20	516	1000
1010034-004	Municpal	10	50	2000	15	15	10	0.005	20	528	1000
1010034-005	Municpal	10	50	2000	15	15	10	0.005	20	636	1000
KING-26	Non-Domestic	10	50	2000	15	15	10	0.005	20	107.3	2412
California MCLs		**10**	**50**	**2,000**	**15**	**15****	**10**	**0.005**	**20**	**50***	**1,000*****

Notes:
* = California Secondary MCLs
** = The USEPA regulates the concentration of lead in drinking water by an Action Level, which is similar to an MCL but requires additional testing at costomer services.
*** = California State Notification Level (CA-NL)

Kings River East GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Nitrate as N Minimum Threshold (mg/L)	Dibromo-Chloropropane (DBCP) Minimum Threshold (mg/L)
5403023-002	Public Supply	10	0.0002
5400553-003	Public Supply	10	0.0002
5403212-001	Public Supply	10	0.0002
5410008-003	Public Supply	10	0.0002
5410017-004	Public Supply	10	0.0002
1000405-001	Public Supply	10	0.0002
5402047-017	Public Supply	10	0.0002
1000021-002	Public Supply	10	0.0002
5410002-017	Public Supply	10	0.0002
5400824-003	Public Supply	10	0.0002
5401003-001	Public Supply	13.8	0.0002
5400550-003	Public Supply	10	0.0002
1010027-006	Public Supply	10	0.0002
5410001-008	Public Supply	10	0.0002
5403043-002	Public Supply	10	0.0002
California MCLs		10	0.0002

McMullin Area GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Arsenic Minimum Threshold (mg/L)	Chloride Minimum Threshold (mg/L)	Manganese Minimum Threshold (mg/L)	Sodium Minimum Threshold (mg/L)	Uranium Minimum Threshold (pCi/L)	Nitrate as N Minimum Threshold (mg/L)	DBCP Minimum Threshold (mg/L)	TCP Minimum Threshold (mg/L)	TDS Minimum Threshold (mg/L)
1000317-001	Public Supply	0.01	500	0.05	-	20	10	0.0001	$5x10^{-6}$	1000
1000465-001	Public Supply	0.01	500	0.05	-	20	13.2	0.0018	$8.6X10^{-5}$	1000
1000551-001	Public Supply	0.01	500	0.05	-	20	10	0.0002	$5x10^{-6}$	1000
1000560-001	Public Supply	0.01	500	0.05	-	20	10	0.0002	$5x10^{-6}$	1000
1000602-003	Public Supply	0.018	500	0.05	-	20	10	0.0002	$5x10^{-6}$	1000
1000604-002	Public Supply	0.046	500	0.05	-	20	10	0.0002	$5x10^{-6}$	1000
1000641-001	Public Supply	0.01	500	0.05	-	20	10	0.0002	$5x10^{-6}$	1000
1009120-001	Public Supply	0.013	500	0.05	-	33.6	10	0.0002	$6x10^{-6}$	1000
L10006109169-DMW-21R	Monitoring Well	0.01	500	0.05	-	20	18	0.0002	$5x10^{-6}$	2280
L10006109169-DMW-25R	Monitoring Well	0.01	600	0.05	-	20	14.4	0.0002	$5x10^{-6}$	1920
L10006109169-DMW-17R	Monitoring Well	0.01	648	0.05	-	20	12	0.0002	$5x10^{-6}$	1000
L10006109169-BMW-1R	Monitoring Well	0.01	500	0.05	-	20	15.6	0.0002	$5x10^{-6}$	1680
California MCLs		0.01	500***	0.05*	**	20	10	0.0002	$5x10^{-6}$	1000**

Notes:
* = Notification Level, No MCL
** = No current drinking water standard
*** = California Upper Secondary MCL

North Fork Kings GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Arsenic Minimum Threshold (μg/L)	Chromium - Total Minimum Threshold (μg/L)	Fluoride Minimum Threshold (μg/L)	Gross Alpha Minimum Threshold (pCi/L)	Lead Minimum Threshold (μg/L)	Nitrate as N Minimum Threshold (mg/L)	1,2,3-Trichloropropane Minimum Threshold (μg/L)	Uranium Minimum Threshold (pCi/L)	Aluminum Minimum Threshold (μg/L)	Iron Minimum Threshold (μg/L)	Manganese Minimum Threshold (mg/L)	Total Dissolved Solids Minimum Threshold (mg/L)
SL205254275-MW-HS	Public Supply	10	50	2,000	15	15	10	0.005	313	1,000	300	0.05	1,000
1000053-001	Public Supply	25.2	50	2,000	15	15	10	0.005	20	1,000	4,680	0.116	1,000
1000627-001	Public Supply	26.4	50	2,000	47.8	15	25.2	0.005	51.6	1,000	300	0.05	1,000
1000369-002	Public Supply	49.2	50	2,000	15	15	13.2	0.005	20	1,000	444	0.05	1,000
1010020-005	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1000186-001	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	408	0.19	1,000
1010028-005	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1010028-004	Public Supply	18	50	2,000	15	37.2	10	0.005	20	1,000	300	0.05	1,000
1600017-002	Public Supply	28.8	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1000182-001	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	4,320	0.35	1,000
1000053-002	Public Supply	26.4	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1010028-009	Public Supply	10	50	3,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1010020-003	Public Supply	10	50	2,000	20.5	15	10	0.005	20	1,000	732	0.05	1,000
1000445-001	Public Supply	10	50	2,000	46.6	15	10	0.005	36	1,000	300	0.936	5,160
1010020-004	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1000189-001	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
1000562-001	Public Supply	10	50	2,000	15	15	10	0.12	20	1,000	300	0.05	1,000
ZON-MW1C	Dedicated Monitoring	10	50	2,000	15	15	34.8	0.005	20	1,000	300	0.05	1,000
ZON-MW3B	Dedicated Monitoring	10	50	2,000	15	15	67.2	0.005	20	1,000	300	0.05	1,000
1010028-010	Public Supply	10	50	3,120	15	15	10	0.005	20	1,000	300	0.05	1,000
1000176-005	Public Supply	10	50	2,000	15	15	10	0.005	20	1,000	300	0.05	1,000
California MCLs		10	50	2,000	15	15	10	0.005	20	1,000	300*	0.05*	500-1,000*

Notes:
MT = Minimum Threshold
* = California Secondary MCLs
Highlighted rows represent additions/changes to monitoring network from previous reporting period.

North Kings GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Arsenic Minimum Threshold (µg/L)	1,2,3-Trichloropropane (TCP) Minimum Threshold (µg/L)	Chromium (VI) Minimum Threshold (µg/L)	Dibromo-Chloropropane (DBCP) Minimum Threshold (µg/L)	Methyl Tert-Butyl Ether (MTBE) Minimum Threshold (µg/L)	Nitrate as N Minimum Threshold (mg/L)	Uranium Minimum Threshold (pCi/L)	Tetrachloroethylene (PCE) Minimum Threshold (µg/L)	Trichloroethylene (TCE) Minimum Threshold (µg/L)
1000018-001	Public Supply	10	0.005	20	0.92	13	10	20	5	5
1000023-013	Public Supply	10	0.076	20	0.2	13	10	20	5	5
1000039-002	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000078-004	Public Supply	10	0.005	20	0.2	13	12	20	5	5
1000104-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000201-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000208-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000217-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000259-002	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000279-002	Public Supply	10	0.09	20	0.2	13	10	20	5	5
1000362-003	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000366-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000447-067	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000467-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000492-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000514-003	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000552-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000554-002	Public Supply	10	0.005	20	0.2	13	13.2	20	5	5
1000555-002	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000578-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1000632-001	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010003-050	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010007-019	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010007-099	Public Supply	10	0.005	20	0.2	13	10	20	5	25.5
1010007-147	Public Supply	10	0.008	20	0.2	13	10	20	5	5
1010007-178	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010007-230	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010007-272	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010007-274	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010007-328	Public Supply	10	0.005	20	0.2	13	10	20	5	5
1010018-014	Public Supply	10	0.005	37.2	0.2	13	10	20	5	5
1010018-015	Public Supply	10	0.006	38.4	0.2	13	10	20	5	5
1010018-017	Public Supply	10	0.011	25.2	0.2	13	10	20	5	5
1010049-003	Public Supply	10	0.005	20	0.2	13	32.6	20	5	5
1010057-003	Public Supply	10	0.005	20	0.2	13	10	35.38	5	5
California MCLs		10	0.005	20*	0.2	13	10	20	5	5

Notes:
* = Currently no MCL value. USGS Health Based Screening Level listed instead.

South Kings GSA
Updated Groundwater Quality Monitoring Network and Corresponding Minimum Thresholds

Well ID	Well Type	Arsenic Minimum Threshold (mg/L)	DBCP Minimum Threshold (mg/L)	Chromium (VI) Minimum Threshold (mg/L)	MTBE Minimum Threshold (mg/L)	Nitrate as N Minimum Threshold (mg/L)	PCE Minimum Threshold (mg/L)	TCE Minimum Threshold (mg/L)	TCP Minimum Threshold (μg/L)	Uranium Minimum Threshold (pCi/L)
1010035-006	Public Supply	0.010	0.0002	0.05	0.013	10	0.005	0.005	0.019	20
1010035-007	Public Supply	0.010	0.0002	0.05	0.013	10	0.005	0.005	0.052	20
1010006-007	Public Supply	0.010	0.0002	0.05	0.013	10	0.005	0.005	0.007	20
1010006-008	Public Supply	0.010	0.00024	0.05	0.013	10	0.005	0.005	0.029	20
1010025-010	Public Supply	0.010	0.0002	0.05	0.013	16.8	0.005	0.005	0.400	20
1010025-012	Public Supply	0.010	0.0002	0.05	0.013	10	0.005	0.005	0.590	20
1010029-003	Public Supply	0.010	0.00041	0.05	0.013	10	0.005	0.005	0.005	20
1010029-022	Public Supply	0.010	0.00034	0.05	0.013	10	0.005	0.005	0.011	20
1010019-007	Public Supply	0.010	0.0002	0.05	0.013	10	0.005	0.005	0.005	20
1010019-009	Public Supply	0.010	0.0002	0.05	0.013	10	0.005	0.005	0.038	20
California MCLs		0.010	0.0002	0.05**	0.013	10	0.005	0.005	0.005	20

Notes:
** = Regulated under the Total Chromium MCL