

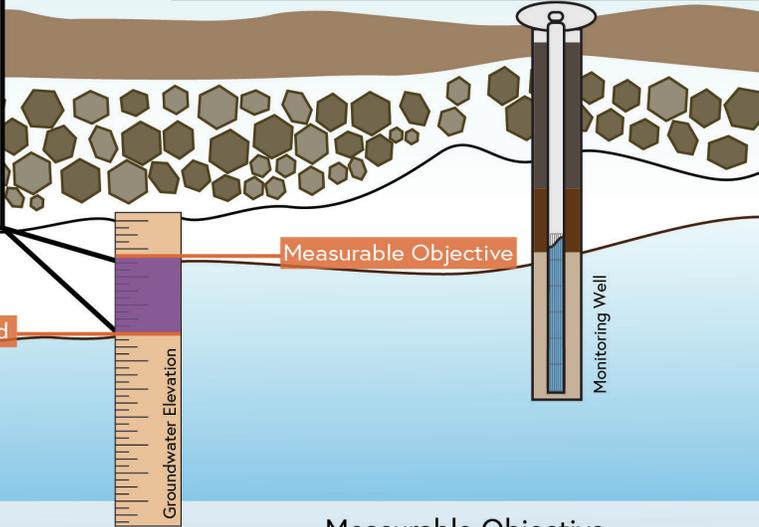
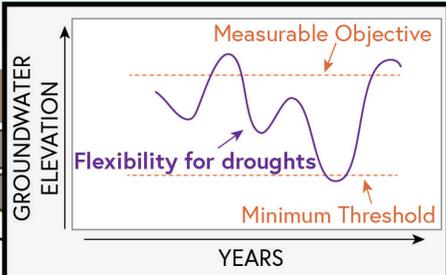
# SUSTAINABILITY INDICATORS

## SGMA's metrics of groundwater sustainability



### Sustainability Indicator: GROUNDWATER LEVELS

Groundwater level is a measurement of groundwater sustainability. Each GSA will establish minimum thresholds and measurable objectives to guide groundwater sustainability efforts.



#### Minimum Threshold

The lowest groundwater elevation allowed at a monitoring well site. When levels repeatedly drop below that level, significant and unreasonable decrease of groundwater supply occurs.

#### Measurable Objective

The groundwater elevation that must be maintained by 2040. Maintaining the measurable objective will help identify whether or not overall sustainability is accomplished.

SGMA uses groundwater levels as a metric of groundwater sustainability.

North Fork Kings GSA will monitor groundwater levels to ensure the objective groundwater level is achieved by 2040.

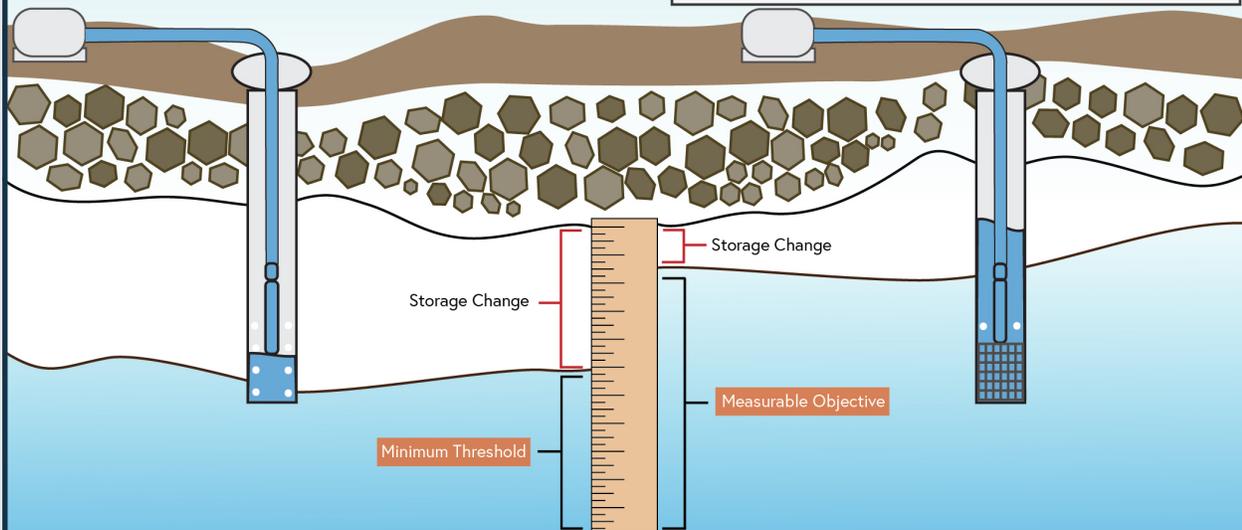
SGMA uses groundwater storage as a metric of groundwater sustainability.

North Fork Kings GSA will monitor groundwater storage capacity to ensure the objective storage change amount is achieved by 2040.



### Sustainability Indicator: GROUNDWATER STORAGE

Groundwater storage is a measurement of groundwater sustainability. Each GSA will establish minimum thresholds and measurable objectives to guide groundwater sustainability efforts.



#### Minimum Threshold

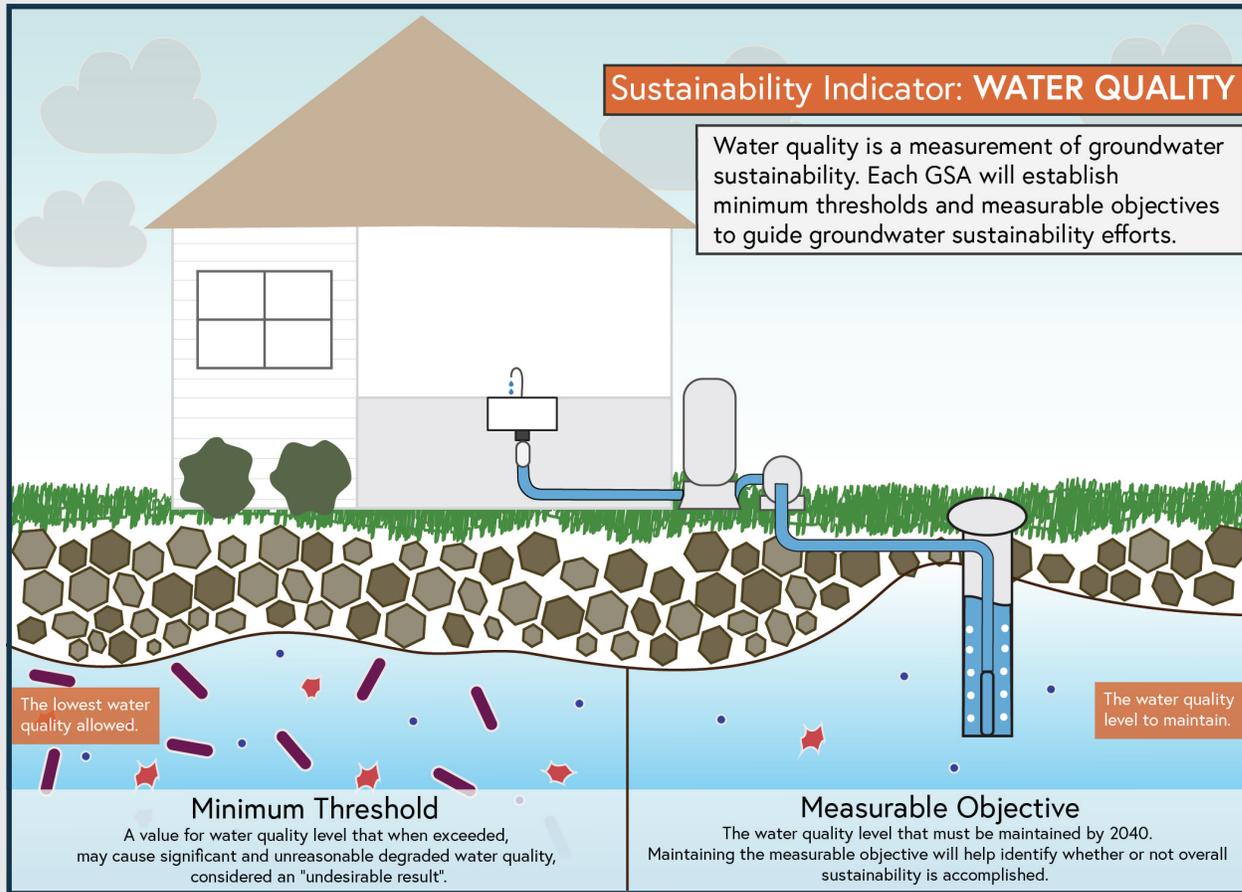
The volume of groundwater in a basin that when further reduced, may cause significant and unreasonable groundwater storage reduction considered an "undesirable result".

#### Measurable Objective

The groundwater volume that must be maintained by 2040. Maintaining the measurable objective will help identify whether or not overall sustainability is accomplished.

# SUSTAINABILITY INDICATORS

## SGMA's metrics of groundwater sustainability

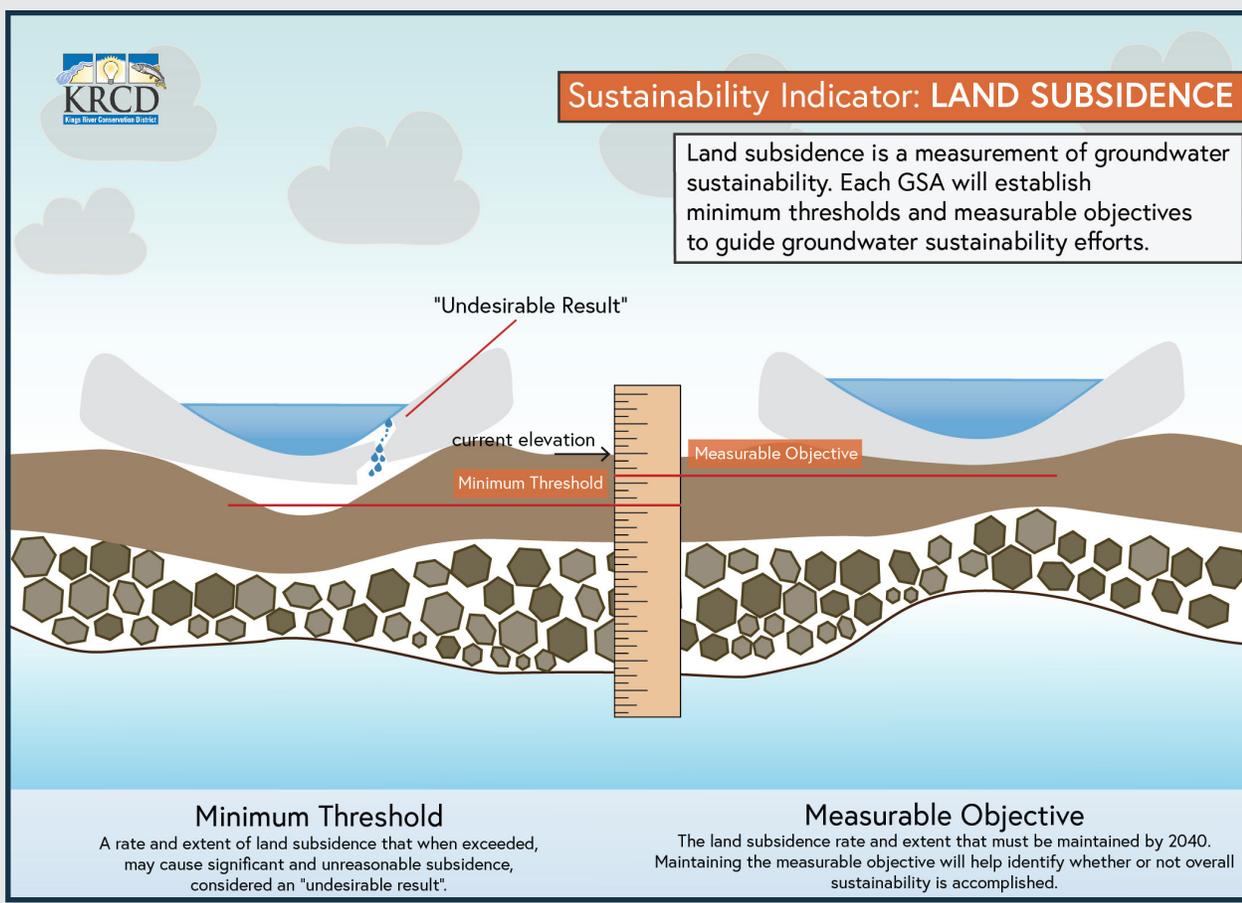


SGMA uses water quality as a metric of groundwater sustainability.

North Fork Kings GSA will monitor water quality to ensure the objective water quality levels are achieved by 2040.

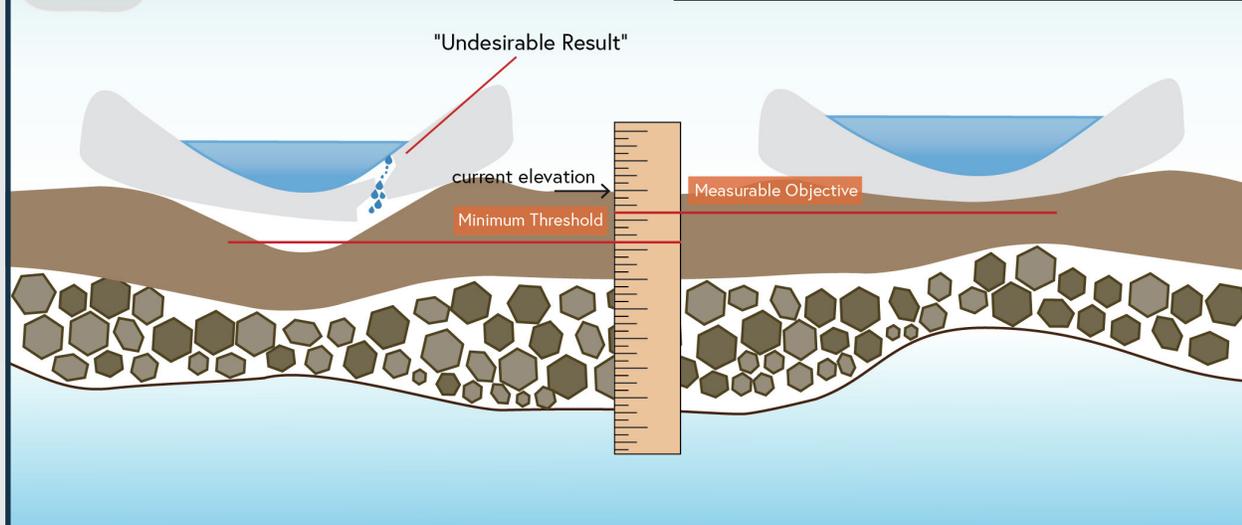
SGMA uses land subsidence as a metric of groundwater sustainability.

North Fork Kings GSA will monitor subsidence to ensure the objective subsidence rate is achieved by 2040.



### Sustainability Indicator: LAND SUBSIDENCE

Land subsidence is a measurement of groundwater sustainability. Each GSA will establish minimum thresholds and measurable objectives to guide groundwater sustainability efforts.



**Minimum Threshold**  
A rate and extent of land subsidence that when exceeded, may cause significant and unreasonable subsidence, considered an "undesirable result".

**Measurable Objective**  
The land subsidence rate and extent that must be maintained by 2040. Maintaining the measurable objective will help identify whether or not overall sustainability is accomplished.