

# Undesirable Results Survey Worksheet

GSA: Aliso Water District Date: \_\_\_\_\_

Entity/land owner: \_\_\_\_\_

Location: \_\_\_\_\_

*According to the Sustainable Groundwater Management Act (SGMA) and the Groundwater Sustainability Plan (GSP) Regulations, Undesirable Results are one or more of the significant and unreasonable changes in the Sustainability Indicators defined below. Each groundwater basin must define **SIGNIFICANT** and **UNREASONABLE** effects, which will then be used to set **MINIMUM THRESHOLDS** for each monitoring site (to be determined). Each Groundwater Sustainability Agency (GSA) will define the terms above for each management area, but ultimately, they must be agreed upon by the basin as a whole.*

## SUSTAINABILITY INDICATORS



**Chronic Lowering of Groundwater Levels** indicating a significant and unreasonable depletion of supply

Overdraft during a drought period is not synonymous with chronic groundwater lowering if groundwater levels are offset by storage or increased groundwater levels during other periods.



Significant and unreasonable **Reduction of Groundwater Storage**

Caused by chronic lowering of groundwater levels, subsidence, or a combination of both



Significant and unreasonable **Seawater Intrusion**

Likely not applicable



Significant and unreasonable **Degraded Water Quality**

Including the migration of contaminant plumes that impair water supplies



Significant and unreasonable **Land Subsidence**

Interferes with land surface uses



**Depletion of Interconnected Surface Water**

Impacts beneficial uses of surface water

*Evaluate the potential effects of the Sustainability Indicators in the following table to determine what would be significant and unreasonable for your area. For example: “It would become significant and unreasonable if 10% of District wells became unproductive” or “if \$XX.00 were required to drill/deepen existing wells”. Consider both economic and environmental impacts and include reasons to justify.*

## Undesirable Results Survey Worksheet

	High	Medium	Low	NA/ Unknown	Significant and Unreasonable Effects
<b>Chronic Lowering of the Groundwater Table</b>					
Reduction of well pumping capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Increases in pumping cost/energy/consumption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Resetting/lowering pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wells becoming unproductive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Comments:					
<b>Reduction in Groundwater Storage</b>					
Insufficient water storage to prevent following during drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Need to drill/deepen wells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Comments:					
<b>Seawater Intrusion</b>					
Detections of Chlorine (seawater indicator)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Comments:					

<b>Degraded Water Quality</b>					
Impacted domestic wells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Impacted irrigation wells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Additional water treatment prior to use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Comments:					
<b>Subsidence</b>					
Damage to infrastructure (identify specific structures)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Loss of conveyance capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Excess seepage/flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Comments:					
<b>Interconnected Surface Water</b>					
Restoration issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Comments:					