Sustainability Indicator	Definition of Undesirable Result	Undesirable Result Detection	Minimum Threshold (MT)	Measurable Objective (MO)	Interim Milestones	Monitoring Network	Data Gaps
Chronic Lowering of	A result that would cause significant		Step 1: Use the shallower of (a) the	Mean of last 5 years available	The MTs and MOs for	12 wells for deep aguifer	Number of active domestic wells, and
Groundwater Levels	and unreasonable reduction in the	aguifer representative	historical low minus 100% of range or (b)	measurements	this criterion were	41 wells for shallow	exact location of domestic wells in each
	long-term viability of Beneficial	monitoring network and/or 11	the shallowest 7% of nearby wells		established to support		polygon is unknown.
	Uses and Users over the planning	of 41 wells in shallow aquifer	Step 2: Use the deeper of Step 1 or the		Subbasin sustainability.		
	and implementation horizon of this	representative monitoring	historical low		As such, the interim		
	GSP	network) fall below the			milestones are to		
	001	minimum threshold for 24			maintain water levels in		
		consecutive months			the Subbasin's operating		
		Conscious Thomas			range as established by		
Reductio in Groundwater	A result that would cause significant	Use GW levels as proxy	Use GW levels as proxy	Use GW levels as proxy	The MTs and MOs for	Use GW levels as proxy	Use GW levels as proxy
Storage	and unreasonable reduction in the		,	,	this criterion were	,	,
	long-term viability of Beneficial				established to support		
	Uses and Users over the planning				Subbasin sustainability.		
	and implementation horizon of this				As such, the interim		
	GSP.				milestones are to		
	661.				maintain water levels in		
					the Subhasin's operating		
Seawater Intrusion	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Degraded Water Quality	A result stemming from a causal	25% (3 of 9 representative	900 μs/cm or historical high measured at	700 μs/cm for agricultural use	The MTs and MOs for	9 wells selected from deep	
	nexus between groundwater	monitoring wells) fall below	that location		this criterion were	aquifer groundwater level	
	quantity related activities, such as	the minimum threshold for 24			established to support	representative monitoring	
	groundwater extraction or	consecutive months			Subbasin sustainability.	network	
	groundwater recharge, and				As such, the interim		Not enough data at this time. Monitoring
	groundwater quality that causes				milestones are to		will be established during GSP
	significant and unreasonable effects				maintain groundwater		implmentation. Suggest using deep
	to Beneficial Uses and Users				quality in the Subbasin's		aquifer sites from GWLs (but remove 3
	including reduction in the long-term				operating range as		in northern part of Subbasin as they are
	viability of these uses over the				established by the MTs		repetative) - 9 wells
Inelastic Land	The undesirable result for land	25% (8 of 31 monitoring	Set MT at 0.50 feet per 5 years.	Set MO at 0.25 feet per 5 years.	The MTs and MOs for	Use existing DWR Sac.	None at this time
Subsidence	subsidence is a result due to	points) fall below the MT			this criterion were	Valley subsidence network	
	groundwater extraction that causes				established to support	sites in Butte Subbasin (31	
	a significant and unreasonable				Subbasin sustainability.	benchmarks in	
	reduction in the viability of the use				As such, the interim	representative network)	
	of critical infrastructure over the				milestones are to	,	
	planning and implementation				maintain land surface		
	horizon of this GSP.				elevations in the		
					Subbasin's operating		
Danietiana ef	A magnify that agrees a significant	050/ /2 of 10 managed	10 feet helew 2015 I	Many of last 5 years	الأستان المساء	10	ICW and CDE manifestors data are
	A result that causes significant and	25% (3 of 12 representative	10 feet below 2015 low measurement	Mean of last 5 years available	The MTs and MOs for	12 wells meeting the	ISW and GDE monitoring data gap.
Interconnected Surface	unreasonable adverse effects on	monitoring wells) fall below		measurements	this criterion were	following criteria: (a)	Recommend seven - 10 locations for
Waters	Beneficial Uses and Users of	the minimum threshold for 24			established to support	between 2,000 feet and	additional 35-50 ft deep monitoring wells
	interconnected surface water within	consecutive months			Subbasin sustainability.	7,280 feet from	
	the Butte Subbasin over the				As such, the interim	interconnected streams	
	planning and implementation				milestones are to	(Sac. River, Feather River,	
	horizon of this GSP.				maintain water levels in	Butte Creek, Little Dry	
					the Subbasin's operating		
					range as established by	Angel Slough) and (b) top	
					the MTs and MOs.	of screen < 100 bgs or	