

Attachment 1

Groundwater Aquifers with elevated nitrate concentrations

The table below lists groundwater aquifers with public supply wells that have recorded Nitrate concentrations exceeding the Maximum Contaminant Limit of 10 mg/L. Reviewed data came from monitoring results posted on Geotracker GAMA for the period of July 2007 – July 2017. This list is based on limited data, not taking into account private drinking wells, which do not appear in GAMA, or wells where groundwater is not used for municipal supply.

DWR Basin / Subbasin	Community	Hydrologic Unit / Area	Notes
Indio 7-21.01	Eastern Coachella Valley	Coachella 7-19.4	Communities of Thermal, Mecca, Oasis. Priority area as identified by Board Member Crites.
	Cathedral City, Palm Desert	Coachella 7-19.4	Staff is currently working on nitrate assessment in Coachella Valley.
	Pinion Pines	Coachella 7-19.4	Limited data available; the well is located southwest of the aquifer.
Mission Creek 7-21.02	Desert Hot Springs	Coachella 7-19.4	A prohibition for Mission Creek / Desert Hot Springs basins is in effect and sewer construction is in progress.
Warren 7-12	Yucca Valley	Joshua Tree 7-08	Prohibition of septic discharges has been adopted and sewer construction project is in progress.
	Joshua Tree	Joshua Tree 7-08	The area is located outside of the septic tank prohibition boundary.
Jacumba Valley 7-46	Jacumba, Boulevard	Anza-Borrego 7-22	Some of the contaminated wells are located outside of basin boundaries defined by DWR.
Borrego Valley 7-24	Borrego Springs	Anza-Borrego 7-22	Limited data available.
Chuckwalla Valley 7-5	West of Blythe	Chuckwalla 7-17	Limited data available. The area is located just west of open boundary with Palo Verde Mesa subbasin.
Yuma Valley 7-36	Piccacho State Rec Area	Colorado 7-15	Limited data available; the well is located north of the aquifer.
Calzona Valley 7-41	Earp	Colorado 7-15	Limited data available.

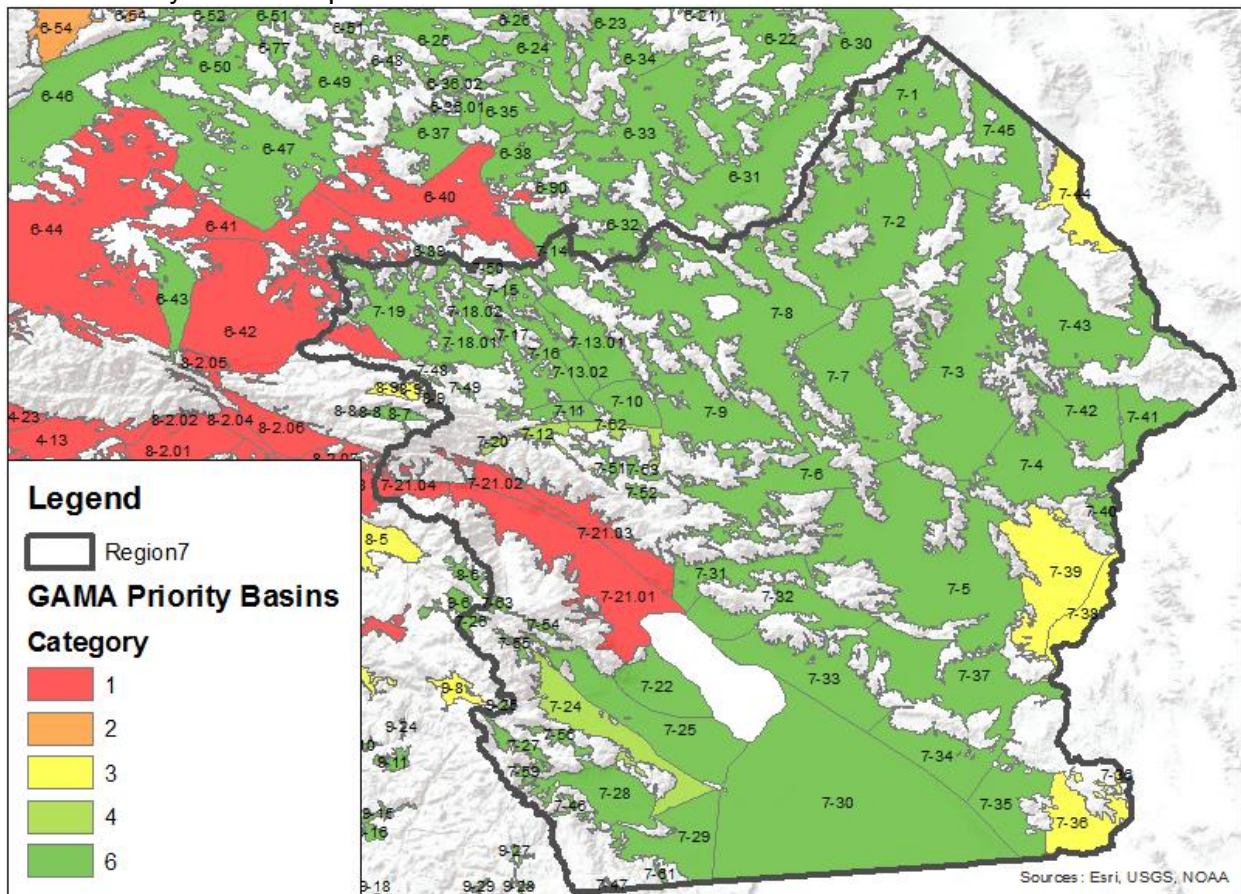
Attachment 2

GAMA Priority Basins within Region 7

Priority Basins (Categories 1-4)

Unique Number	Basin Name	Subbasin Name	Category
7-21.02	COACHELLA VALLEY	MISSION CREEK	1
7-21.04	COACHELLA VALLEY	SAN GORGONIO PASS	1
7-21.03	COACHELLA VALLEY	DESERT HOT SPRINGS	1
7-21.01	COACHELLA VALLEY	INDIO	1
6-42	UPPER MOJAVE RIVER VALLEY		1
7-44	NEEDLES VALLEY		3
7-39	PALO VERDE MESA		3
7-38	PALO VERDE VALLEY		3
7-36	YUMA VALLEY		3
7-24	BORREGO VALLEY		4
7-62	JOSHUA TREE		4
7-12	WARREN VALLEY		4
7-20	MORONGO VALLEY		4

Gama Priority Basins Map



Category 5 is excluded from the legend because the area shown does not include any category 5 basins.