ADEQ Appendix B Waterbody Evaluations

1-31-2018

ADEQ
Arizona Department
of Environmental Quality

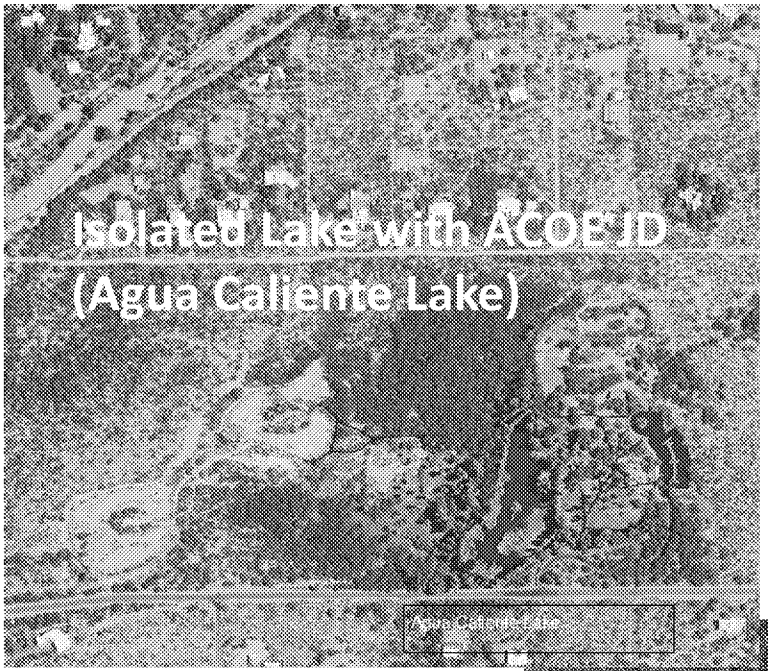
ADEQ Evaluations of 919 Appendix B waters

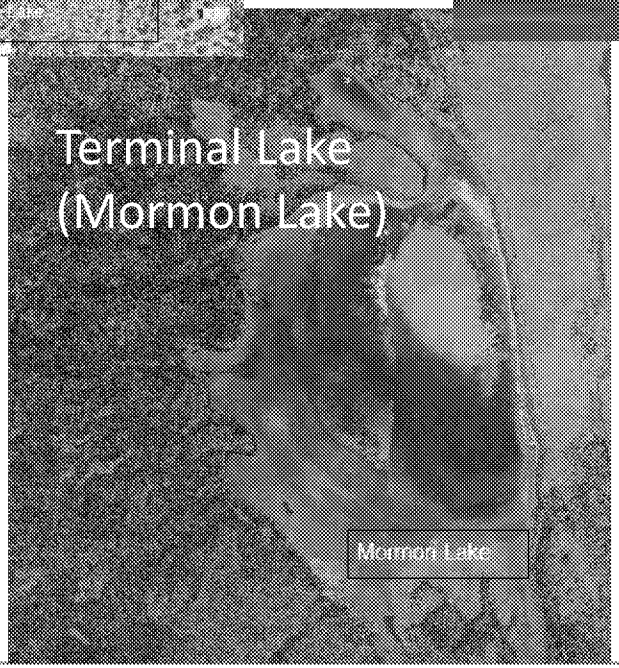
WOTUS	Streams	Lakes
Yes	641	193
No	21	64
Total	662	257

Evaluation category	LAKES	STREAMS
N-Swale or gully; no OHWM indicators	--	3
N-COE JD	4	--
N-Error - no waterbody present	5	--
N-Indistinct/ disconnected	5	7
N-Isolated lake	29	--
N-Terminal lake/basin	21	11
Y-AZ Large River RPW	13	13
Y-Flows directly/indirectly to Large River RPW or TNW and has channel indicators at mouth and >50% of channel length	150	307
Y-Constructed channel with relatively permanent flow, or discharges to a trib		9
Y-Commerce clause applies	8	--
Y-Documentation of WOUS status	2	6
Y-Interstate water	1	6
Y-Perennial in entirety; flow regime layer	4	75
Y-RPW, Peren. Segments in reach; flow regime layer	1	220
Y-RPW; >90days flow present	--	5
Y-Wetland adjacent RPW	14	
Totals	257	662

Isolated & Terminal Lakes – Not WOTUS (n=50)

ADEQ Arizona Department of Environmental Quality



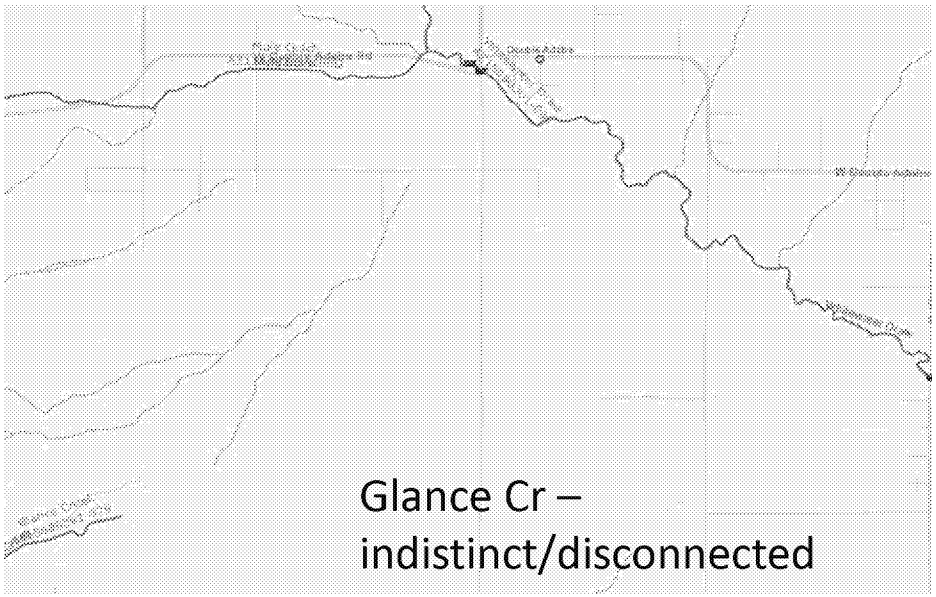


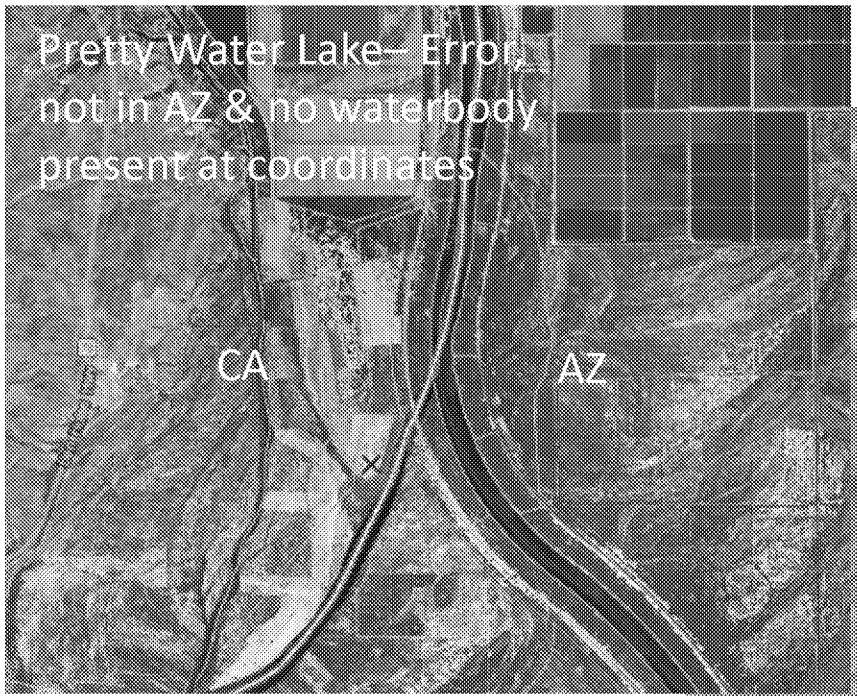
ACOE JDs – Not WOTUS on Appendix B

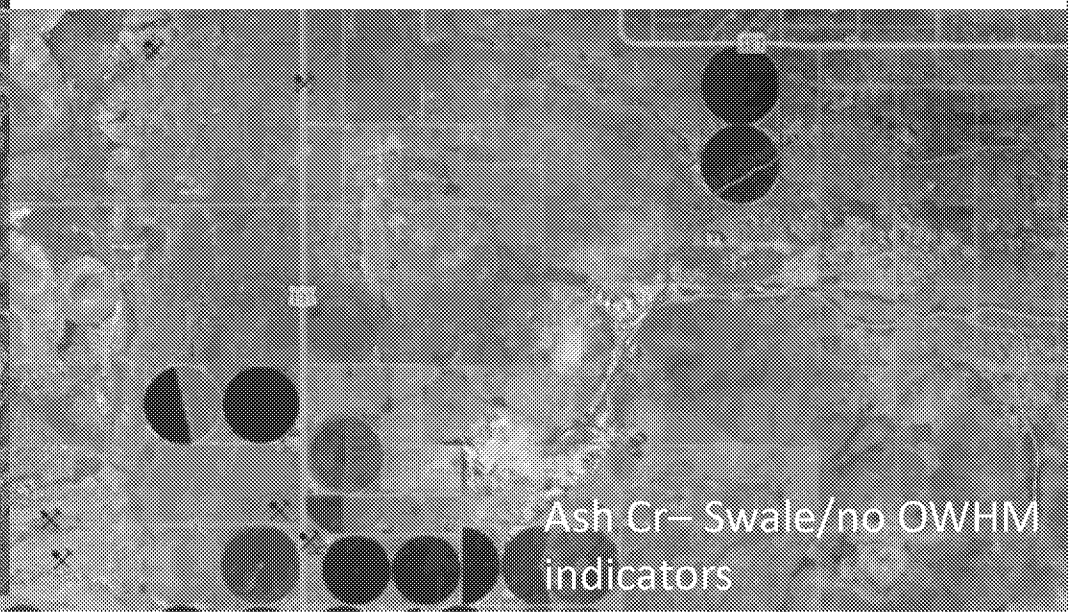
Watershed	Surface Water	Rationale
SC	Agua Caliente Lake	Isolated lake
LC	Ned Lake- edw	Isolated lake
LC	Pintail Lake - edw	Isolated lake
LC	Telephone Lake - edw	Isolated lake

Not WOTUS – Swale, error, indistinct (n=20)

- Indistinct/disconnected
- Swale – no OHWM indicators present
- Error







AZPDES Permits– WOTUS evaluations

PLC_NAME	Waterbody	Currently in Appendix B	Location	ADEQ evaluation	Comments
USDA FS - APACHE SITGREAVES NF - BLACK MESA RANGER DISTRICT	Unnamed trib to Oklahoma Flat draw	Yes	34°23'35", 110°33'36"	Not WOTUS	Outfall is to unnamed trib that ends 200' north of Hwy 260. There is no channel connecting the unnamed trib to Oklahoma Flat Draw. Indistinct/disconnected.
CITY OF KINGMAN - HILLTOP WWTP	Frees Wash	No	35.318239, -113.953411	Not WOTUS	trib to Truxton Wash & Red Lake, a terminal playa.COE JD on Truxton Wash- not WOTUS.
GOLD CANYON SEWER CO - WWTP	Unnamed wash, trib to Queen Creek	No	33.364573, -111.474037	Not WOTUS	Infrequent discharger. This unnamed wash is traceable to the CAP canal, where its channel indicators are interrupted. There is ponding upstream, but little channel indicators downstream, however topo maps show a channel present. A faint channel can be traced to a residential development at approx. S. Mountain Rd & Ray Rd where the channel is lost for approx. 0.33mi, then there are floodway indicators downstream to Ellsworth Rd where the channel appears to disappear into underground stormwater pipes. There is a floodway running from Williams AFB to the East Maricopa Floodway, but the channel structures drain just the airport and do not appear to connect to the Unnamed wash. Evaluation is Not WOTUS.
RED ROCK UTILITIES, LLC	Unnamed trib to Santa Cruz river	No	32.572472, -111.344156	Not WOTUS	Wash runs into ag canals near Eloy and disappears
VERRADO WATER RECLAMATION FACILITY	Unnamed wash, eventual tributary to Gila River	No	33.468362, -112.498722	Not WOTUS	The Verrado discharge at a golf course runs into a wash, channelized along the border of the development, flows into a detention pond, underneath a highway and then deadends at a large flood retention basin, not traceable to either the Roosevelt irrigation district canal or the Gila River. Not WOTUS.

Impaired Waters – WOTUS evaluations

Waterbody	ADEQ Evaluation	Waterbody ID	Location	Comment
Alvord Lake	Not WOTUS	15060106B-0050	33.373948, -112.136383	Isolated urban lake
Cortez Park Lake	Not WOTUS	15060106B-0410	33.570319, -112.132085	Isolated urban lake
Brewery Gulch, Headwaters to Mule Gulch in Bisbee	Not WOTUS	15080301-337	31.442907, -109.913966	No channel present, paved over
Unnamed trib to Queen Cr (UQ2), Headwaters to Queen Creek, near Superior	Not WOTUS?	15050100-1000	33.307576, -111.072411	
Unnamed trib to Queen Cr (UQ3), Headwaters to Queen Creek, near Superior	Not WOTUS?	15050100-1843	33.310998, -111.067938	

Appendix B – Non-WOTUS Isolated Lakes

- 29 Isolated Lakes
  - 16 Urban Lakes
  - 13 Rural lakes, golf course ponds
- 21 Terminal Lakes

Watershed	LORS	Surface Waters	Eval_4
MG	L	Alvord Park Lake	N-Isolated lake
MG	L	Bonsall Park Lake	N-Isolated lake
LC	L	Boot Lake	N-Isolated lake
LC	L	Camillo Tank	N-Isolated lake
MG	L	Canal Park Lake	N-Isolated lake
UG	L	Cluff Ranch Pond #3	N-Isolated lake
MG	L	Cortez Park Lake	N-Isolated lake
VR	L	Del Rio Dam Lake	N-Isolated lake
MG	L	Desert Breeze Lake	N-Isolated lake
MG	L	Dobson Lake	N-Isolated lake
MG	L	Encanto Park Lake	N-Isolated lake
UG	L	Evans Pond #1	N-Isolated lake
UG	L	Evans Pond #2	N-Isolated lake
MG	L	Granada Park Lakes (#1 and #2)	N-Isolated lake
LC	L	Hay Lake	N-Isolated lake
CG	L	Jacob Lake	N-Isolated lake
MG	L	Kiwanis Park Lake	N-Isolated lake
MG	L	Maricopa Park Lake	N-Isolated lake
LC	L	Marshall Lake	N-Isolated lake
MG	L	Papago Park Ponds (3)	N-Isolated lake
SC	L	Quitobaquito Spring	N-Isolated lake
CL	L	Redondo Lake	N-Isolated lake
MG	L	Riverview Park Lake	N-Isolated lake
MG	L	Roadrunner Park Lake	N-Isolated lake
UG	L	Roper Lake	N-Isolated lake
UG	L	Sheep Tank	N-Isolated lake
LC	L	Vail Lake	N-Isolated lake
CL	L	Wellton Ponds	N-Isolated lake
CL	L	YPG Pond(s)	N-Isolated lake

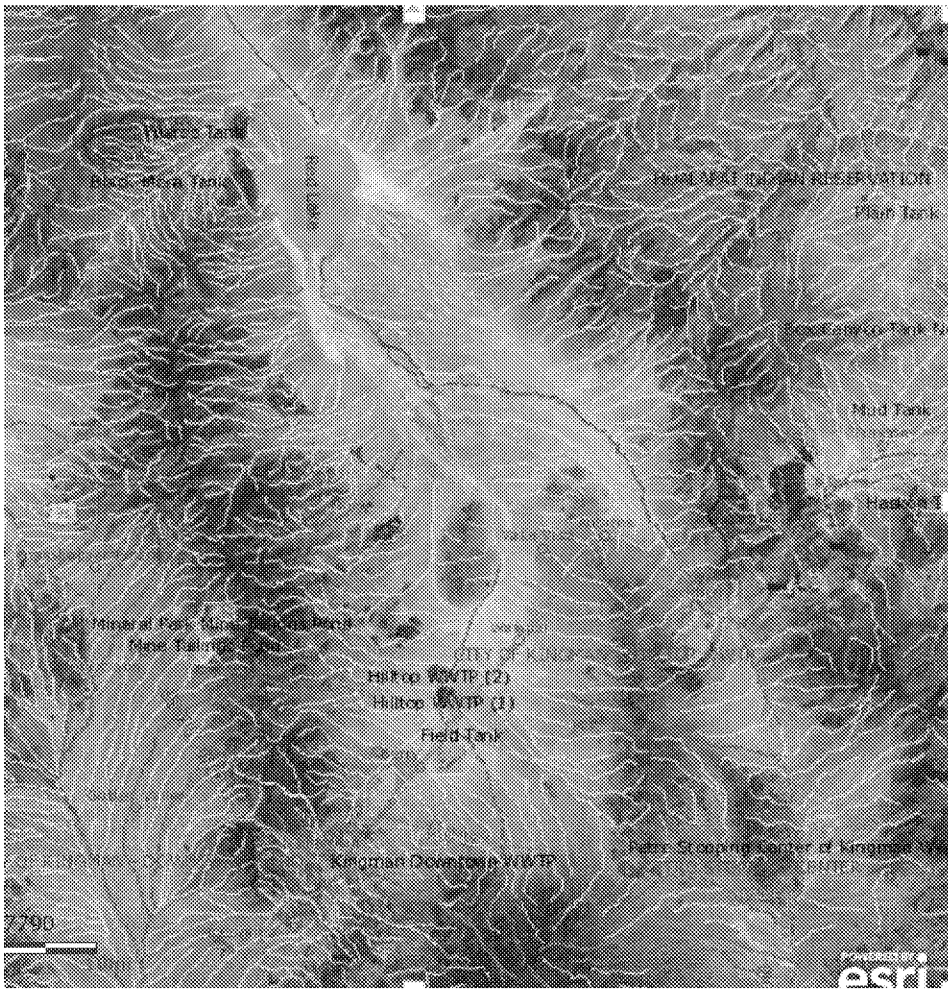
Appendix B – Non-WOTUS Isolated Lakes

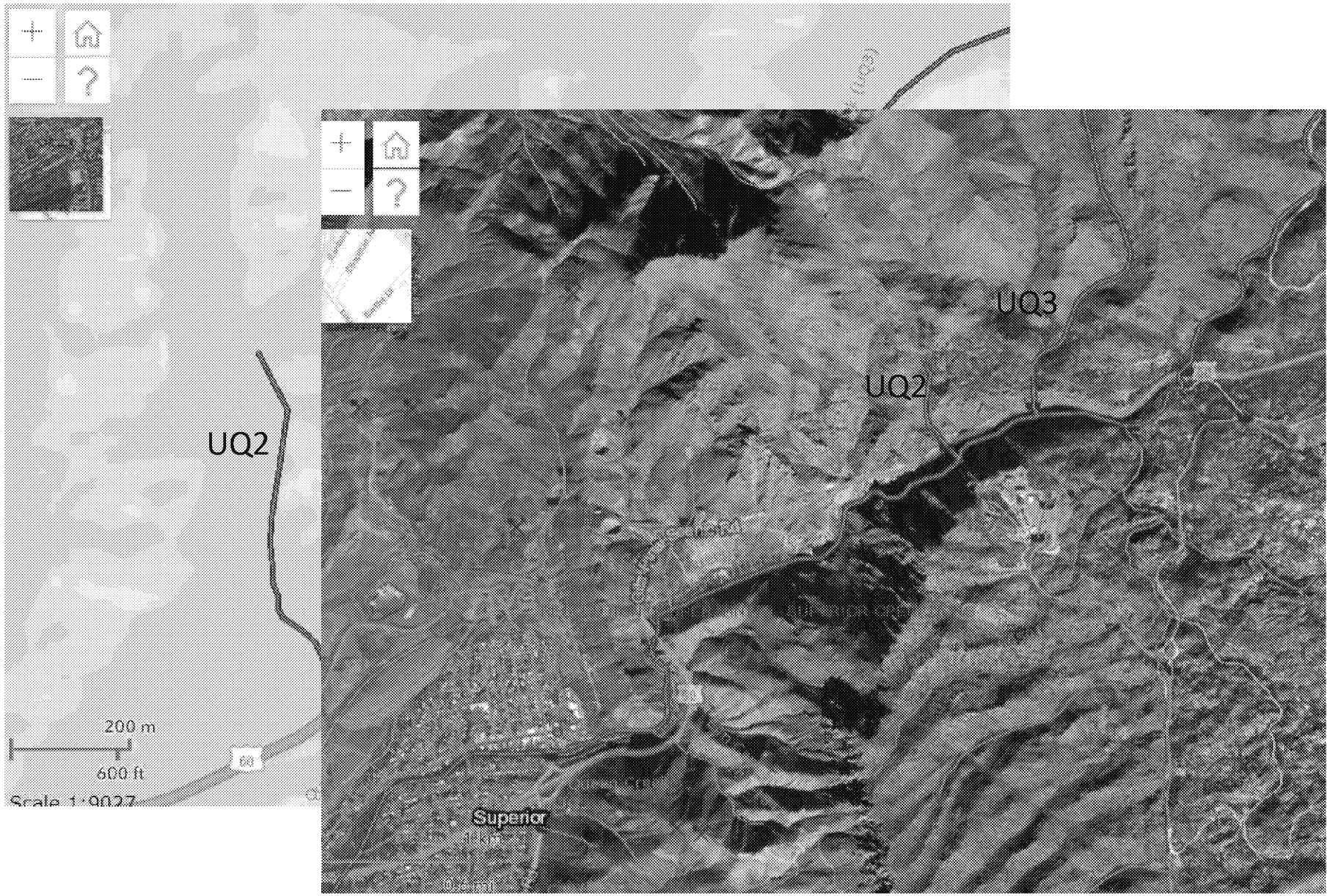
- 21 Terminal Lakes

Watershed	LORS	Surface Waters	Eval_4
LC	L	Ashurst Lake	N-Terminal lake/basin
LC	L	Becker Lake	N-Terminal lake/basin
UG	L	Cluff Ranch Pond #1	N-Terminal lake/basin
LC	L	Coconino Reservoir	N-Terminal lake/basin
LC	L	Crisis Lake (Snake Tank #2)	N-Terminal lake/basin
LC	L	Daves Tank	N-Terminal lake/basin
LC	L	Deep Lake	N-Terminal lake/basin
LC	L	Dry Lake (EDW)	N-Terminal lake/basin
LC	L	Ducksnest Lake	N-Terminal lake/basin
LC	L	Horse Lake	N-Terminal lake/basin
LC	L	Little Ortega Lake	N-Terminal lake/basin
VR	L	Perkins Tank	N-Terminal lake/basin
LC	L	Potato Lake	N-Terminal lake/basin
LC	L	Pratt Lake	N-Terminal lake/basin
LC	L	Reagan Reservoir	N-Terminal lake/basin
BW	L	Red Lake	N-Terminal lake/basin
CG	L	Red Lake	N-Terminal lake/basin
VR	L	Reservoir #2	N-Terminal lake/basin
SC	L	Salero Ranch Tank	N-Terminal lake/basin
LC	L	Sponseller Lake	N-Terminal lake/basin
LC	L	Whipple Lake	N-Terminal lake/basin

Kingman Hilltop AZPDES

- Discharge to Frees Wash, trib to Truxton Wash & Red Lake
- Red Lake is a terminal lake



Cortez Park Lake – "impaired" urban lake example

Unnamed tribs to Queen Creek – "impaired"