

A	B	C	D	E	F	G	H	I	J	K	L	M
Year	Annual Surface Water Deliveries (MG)	Annual Groundwater Pumping (MG)	Annual County Usage (MG)	Annual HC&S Industrial Usage (MG)	Annual Other Usage (MG)	Annual Seepage, Evaporation and Misc. System Losses (MG)	Total Annual Available for Irrigation (MG)	Irrigated Acres	Required Irrigation (gpad)	Actual Irrigation (gpad)	% Actual Irrigation of Required Irrigation	% Seepage, Evaporation and Misc. System Losses to Surface Water Delivered and Groundwater Pumped
2008 - 2013	41,505	25,512	1,034	2,283	150	15,206	48,345	28,941	5,146	4,579	89%	22.7%

- A** Years used for data averaging.
- B** Average for 6 years. Readings from official gaging stations.
- C** Average for 6 years. Volume is estimated from pump curves and run times.
- D** Average for 6 years. Volume is measured by flow meters.
- E** Average for 6 years. Value is based on 6 mgd per grinding day plus 2 mgd for boiling house and power plant makeup water.
- F** Average for 6 years. Water use by tenants including Ameron and Monsanto.
- G** Average for 6 years. All surface and ground water delivered and not utilized for irrigation or other usage. Includes reservoir and ditch seepage, evaporation and miscellaneous system losses
- H** Summation of all data related to available water and usage.
- I** Average for 6 years. Acreage actively cultivated throughout the year.
- J** Average for 6 years. Irrigation requirement in gpad as calculated by HC&S modified Penman equation for evapotranspiration.
- K** Average for 6 years. As calculated by HC&S water balance model utilizing run time and flow rate/acre to determine gpad.
- L** Percentage of actual irrigation to required irrigation. (column K divided by column J)
- M** Percentage of seepage, evaporation and miscellaneous system losses to surface water delivered and groundwater pumped

Civil No. 19-1-0019-01 (JPC)  
**Defendant A&B/EMI's Exhibit AB-142**  
FOR IDENTIFICATION \_\_\_\_\_  
RECEIVED IN EVIDENCE \_\_\_\_\_  
CLERK \_\_\_\_\_