DWR CCPCUA-2, XII(d) Worksheet – Plans for Reduction

				Reduction Requirements		
Cretaceous Well ID	**reduction zone %**	**ABR (gpd)**	**ABR (gpy)**	**permitted 2008 use (gpy)**	**permitted 2013 use (gpy)**	**permitted 2018 use (gpy)**
example 1	25	120,000	43,800,000	32,850,000	21,900,000	10,950,000
example 2	25	140,000	51,100,000	38,325,000	25,550,000	12,775,000
Totals		260,000	94,900,000	71,175,000	47,450,000	23,725,000
Permitted Use must be >= 100,001 gpd (gpy)				71,175,000	47,450,000	36,500,365
Estimated Demand (gpy)				90,000,000	91,000,000	92,000,000
Permitted Cretaceous Use minus Demand (gpy)				-18,825,000	-43,550,000	-55,499,635
Permitted Cretaceous Use minus Demand (gpd)				-51,575	-119,315	-152,054
New Sources	12-hour yield (gpd)					
Castle Hayne aquifer well	200,000					
Cretaceous Well ID	**reduction zone %**	**ABR (gpd)**	**ABR (gpy)**	**permitted 2008 use (gpy)**	**permitted 2013 use (gpy)**	**permitted 2018 use (gpy)**
Totals						
Permitted Use must be >= 100,001 gpd (gpy)						
Estimated Demand (gpy)						
Permitted Cretaceous Use minus Demand (gpy)						
Permitted Cretaceous Use minus Demand (gpd)						
New Sources	12-hour yield (gpd)					

- ABR = Approved Base Rate
- gpd = gallons per day
- gpy = gallons per year

Reduction Zones: Dewatering Zone = 25%
Salt Water Encroachment Zone = 25%
Declining Water Level Zone = 10%

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