

received 03/14/2014  
Pit facility 280330  
API 071-08288  
produced water quality

SamplePointName	SampleDt	Constituent	DetectionFlag	Concentration	Unit
MARATHON 13-20	06/22/2007	Alkalinity, Total Unfilt.		1120	mg/L as CaCO3
MARATHON 13-20	06/22/2007	Arsenic (As) Total	<	50	ug/L
MARATHON 13-20	06/22/2007	Benzene		1.3	ug/L
MARATHON 13-20	06/22/2007	Bicarbonate (HCO3)		1060	mg/L as CaCO3
MARATHON 13-20	06/22/2007	Boron (B) Total		0.16	mg/L
MARATHON 13-20	06/22/2007	Bromide (Br)		0.82	mg/L
MARATHON 13-20	06/22/2007	Calcium (Ca) Total		2.5	mg/L
MARATHON 13-20	06/22/2007	Carbonate (CO3)		67.6	mg/L as CaCO3
MARATHON 13-20	06/22/2007	Chloride Unfilt.		107	mg/L
MARATHON 13-20	06/22/2007	Chromium (Cr) Total	<	10	ug/L
MARATHON 13-20	06/22/2007	Copper (Cu) Total	<	10	ug/L
MARATHON 13-20	06/22/2007	Ethylbenzene	<	0.5	ug/L
MARATHON 13-20	06/22/2007	Iron (Fe) Total		0.46	mg/L
MARATHON 13-20	06/22/2007	Magnesium (Mg) Total		0.68	mg/L
MARATHON 13-20	06/22/2007	Manganese (Mn) Total	<	0.01	mg/L
MARATHON 13-20	06/22/2007	pH (lab)		8.5	No Units
MARATHON 13-20	06/22/2007	Potassium (K) Total	<	5	mg/L
MARATHON 13-20	06/22/2007	Selenium (Se) Total	<	15	ug/L
MARATHON 13-20	06/22/2007	Sodium (Na) Total		628	mg/L
MARATHON 13-20	06/22/2007	Solids Total Dissolved (TDS)		1450	mg/L
MARATHON 13-20	06/22/2007	Sulfate (SO4) Unfilt.	<	5	mg/L
MARATHON 13-20	06/22/2007	Toluene	<	0.5	ug/L
MARATHON 13-20	06/22/2007	Xylenes, Total		0.94	ug/L