

received 10/04/2013
Pit facility 290341
produced water quality API 071-08507

| SamplePointName | SampleDt | Constituent | DetectionFlag | Concentration | Unit |
|----------------------|------------|------------------------------|---------------|---------------|---------------|
| LORENCITO 14-1-34-67 | 05/07/2007 | Alkalinity, Total Unfilt. | | 955 | mg/L as CaCO3 |
| LORENCITO 14-1-34-67 | 05/07/2007 | Arsenic (As) Total | < | 50 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Benzene | | 1.2 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Bicarbonate (HCO3) | | 881 | mg/L as CaCO3 |
| LORENCITO 14-1-34-67 | 05/07/2007 | Boron (B) Total | | 0.31 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Bromide (Br) | | 0.69 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Calcium (Ca) Total | | 2.1 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Carbonate (CO3) | | 74.9 | mg/L as CaCO3 |
| LORENCITO 14-1-34-67 | 05/07/2007 | Chloride Unfilt. | | 81.7 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Chromium (Cr) Total | | 28 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Copper (Cu) Total | < | 10 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Ethylbenzene | < | 0.5 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Iron (Fe) Total | | 0.61 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Magnesium (Mg) Total | | 0.31 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Manganese (Mn) Total | < | 0.01 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | pH (lab) | | 8.7 | No Units |
| LORENCITO 14-1-34-67 | 05/07/2007 | Potassium (K) Total | < | 5 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Selenium (Se) Total | < | 15 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Sodium (Na) Total | | 525 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Solids Total Dissolved (TDS) | | 1190 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Sulfate (SO4) Unfilt. | < | 5 | mg/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Toluene | < | 0.5 | ug/L |
| LORENCITO 14-1-34-67 | 05/07/2007 | Xylenes, Total | < | 0.5 | ug/L |