

| CATASTRO DE REDES DE ACUEDUCTO.   |                |                     |                         |                                  |               |          |                     |                      |                    |                     |
|---|----------------|---------------------|-------------------------|----------------------------------|---------------|----------|---------------------|----------------------|--------------------|---------------------|
| 1   | 2              | 3                   | 4                       | 5                                | 6             | 7        | 8                   | 9                    | 10                 | 11                  |
| PROCESO   | CLASE DE DUCTO | SECCION TRANSVERSAL | DIAMETRO NOMINAL (pulg) | AREA O SECCION TRANSVERSAL ( m2) | LONGITUD (ml) | MATERIAL | TIPO DE INSTALACION | FECHA DE INSTALACION | VIDA UTIL ESTÁNDAR | VIDA UTIL REMANENTE |
| Aduccion cariongo   | Canal          | rectangular         |                         | 0,35                             | 102,000       | concreto |                     | mayor a 50 años      | 35                 | 15                  |
| Aduccion rosol  | Tuberia        | circular            | 10"                     | 0.050                            | 300,000       | PVC      |                     | 1980                 | 30                 | 6                   |
| Aduccion potrentos  | Tuberia        | circular            | 8"                      | 0.032                            | 286,000       | AC -HF   |                     | 1985                 | 30                 | 20                  |
| Aduccion mono   | Canal          | rectangular         |                         | 0.35                             | 36,000        | concreto |                     | 1985                 | 35                 | 15                  |
|   |                |                     |                         |                                  | 724,000       |          |                     |                      |                    |                     |
| Conduccion Cariongo   | Canal          | rectangular         |                         | 0.35                             | 129,500       | concreto |                     | 1985                 | 35                 | 1                   |
| Conduccion el Rosal   | Tuberia        | circular            | 10"                     | 0.050                            | 3252,000      | HF       | ZANJA               | mayor a 50 años      | 45                 |                     |
| Conduccion proteritos   | Tuberia        | circular            | 10"                     | 0.050                            | 3499,000      | PVC      | ZANJA               | 1980                 | 45                 | 1                   |
| Conduccion el mono  | Tuberia        | circular            | 10"                     | 0.050                            | 2597,360      | AC       | ZANJA               | 1960-1980            | 45                 | 11                  |
|   |                |                     |                         |                                  | 9348,360      |          |                     |                      |                    |                     |
| Red Matriz o primana  | Tuberia        | circular            | 8"                      | 0.032                            | 10918,650     | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   | Tuberia        | circular            | 8"                      | 0.032                            | 520,000       | HF       | ZANJA               | Antes 1980           | 45 años            | mas de 50 años      |
|   | Tuberia        | circular            | 8"                      | 0.032                            | 1597,360      | AC       | ZANJA               | 1970                 | 45                 | 1                   |
|   | Tuberia        | circular            | 6"                      | 0.018                            | 887,490       | AC       | ZANJA               | 1960                 | 45 años            | 11 años             |
|   | Tuberia        | circular            | 6"                      | 0.018                            | 8734,910      | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   | Tuberia        | circular            | 6"                      | 0.018                            | 959,000       | HF       | ZANJA               | Antes 1980           |                    | mas de 50 años      |
|   | Tuberia        | circular            | 4"                      | 0.008                            | 5721,690      | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   | Tuberia        | circular            | 4"                      | 0.008                            | 161,000       | AC       | ZANJA               | 1960                 | 45 años            | 11 años             |
|   | Tuberia        | circular            | 4"                      | 0.008                            | 548,000       | HF       | ZANJA               | Antes 1980           |                    | mas de 50 años      |
| Red menor.  | Tuberia        | circular            | 3"                      | 0.0045                           | 22755,590     | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   | Tuberia        | circular            | 3"                      | 0.0045                           | 1264,880      | AC       | ZANJA               | 1960                 | 45 años            | 11 años             |
|   | Tuberia        | circular            | 3"                      | 0.0045                           | 2318,000      | HF       | ZANJA               | Antes 1980           |                    | mas de 50 años      |
|   | Tuberia        | circular            | 3"                      | 0.0045                           | 775,000       | ACERO    | ZANJA               | 2002                 | 45 años            |                     |
|   | Tuberia        | circular            | 2"                      | 0.0020                           | 36335,940     | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   | Tuberia        | circular            | 1 1/2"                  | 0.0011                           | 1404,530      | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   | Tuberia        | circular            | 1"                      | 0.00050                          | 521,680       | PVC      | ZANJA               | 1980                 | 45 años            |                     |
|   |                |                     |                         |                                  | 95423,720     |          |                     |                      |                    |                     |
| TOTAL TUBERIA   |                |                     |                         |                                  | 105496,080    |          |                     |                      |                    |                     |
| VALVULAS  |                |                     |                         |                                  |               |          |                     |                      |                    |                     |
|   | Tuberia        | circular            | 2"                      | 0.0020                           | 37 U          |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 3"                      | 0.0045                           | 52 U          |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 4"                      | 0.008                            | 18U           |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 6"                      | 0.018                            | 12U           |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 8"                      | 0.032                            | 15 U          |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 10"                     | 0.050                            | 9 U           |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 12"                     | 0.0729                           | 2U            |          |                     | 1980                 | 45                 |                     |
| HIDRANTES   |                |                     |                         |                                  |               |          |                     |                      |                    |                     |
|   | Tuberia        | circular            | 2"                      | 0.0020                           | 1 U           |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 3"                      | 0.0045                           | 31U           |          |                     | 1980                 | 45                 |                     |
|   | Tuberia        | circular            | 6"                      | 0.018                            | 1 U           |          |                     | 1980                 | 45                 |                     |
| SE RECOMIENDA EMPEZAR A CAMBIAR TODAS LAS TUBERIAS Y ACCESORIOS QUE CORRESPONDAN AL SISTEMA DE ACUEDUCTO, Y QUE SEGÚN ESTE CUADRO YA HAYAN CUMPIDO SU VIDA UTIL |                |                     |                         |                                  |               |          |                     |                      |                    |                     |