| FORMATO AFORO DE CAUDAL SOLIDO | | | | | |
|---|---|---|---|---|---|
| **PROYECTO** | CASTILLA | **PUNTO: VERTIMIENTO** | **NOMBRE CAUCE:** | RÍO GUAYURIBA | |
| **FECHA** | 9-mar-23 | | **COORDENADAS MAGNA NACIONAL** | **NORTE** | 1999798.685 |
| **MUNICIPIO** | ACACIAS | **Ini. 09:00 am** | | **ESTE** | 4945106.612 |
| **VEREDA** | Vegas De Guayuriba | **Fin. 16:00 pm** | | **ELEVACIÓN** | 316.471 |



| Parametros | |
|---|---|
| **TEMPERATURA (°C)** | 22.2 |
| **OD** | 2.05 |
| **CONDUCTIVIDAD** | - |
| **TDS** | 86 |
| **PH** | - |
| **SOLIDOS SEDIMENTABLES (gr/l)** | 1.4 |
| | |
| | |
| | |

**INFORMACIÓN AFORO CAUDAL SOLIDOS SUSPENDIDOS**

| **EQUIPO** | | US-DH-48 | **ANCHO (m)** | 73.58 | **COTA INF. (m)** | 316.52 | **PROF. (m)** | 1.71 |
|---|---|---|---|---|---|---|---|---|
| **SUB-SECCIÓN** | **VELOCIDAD** | **DISTANCIA ENTRE SUB-SECCION** | **CAUDAL LIQUIDO** | **VOLUMEN INTEGRADO** | **PESO NETO** | **CONCENTRACIÓN MEDIA** | **TRANSPORTE** | **TRANSPORTE** |
| | **(m/s)** | **(m)** | **(m³/s)** | **(ml)** | **(g)** | **(Kg/m3)** | **(Kg/s)** | **(TON/DIA)** |
| 1 | 0.360 | 7.146 | | 146 | | | | |
| 2 | 0.390 | 6.98 | | 125 | | | | |
| 3 | 0.310 | 6.919 | | 197 | | | | |
| 4 | 1.620 | 6.176 | | 140 | | | | |
| 5 | 1.860 | 6.139 | | 160 | | | | |
| 6 | 1.770 | 7.511 | 104.791 | 228 | 2.2816 | 0.997202797 | 104.4978783 | 9028.61669 |
| 7 | 1.870 | 7.623 | | 238 | | | | |
| 8 | 1.860 | 7.052 | | 232 | | | | |
| 9 | 1.900 | 7.054 | | 274 | | | | |
| 10 | 2.000 | 5.572 | | 402 | | | | |
| 11 | 1.240 | 5.412 | | 146 | | | | |
| **Longitud Total (m)** | | **73.584** | **Volumen Total (ml)** | **2288** | | **CAUDAL SOLIDOS SUSPENDIDOS TOTALES Qs (TON/DIA)** | | **9028.61669** |

**DESCRIPCIÓN :**

**INFORMACIÓN AFORO CAUDAL CARGA DE FONDO**

| **EQUIPO** | | BL - 84 | **ANCHO (m)** | 73.58 | **COTA INF. (m)** | 316.523 | **PROF. (m)** | 1.71 |
|---|---|---|---|---|---|---|---|---|
| **SUB-SECCIÓN** | **VELOCIDAD** | **DISTANCIA ENTRE SUB-SECCION** | **PESO NETO** | **TIEMPO (sg)** | **UNIDAD DE ANCHO BL-84** | **PESO SUB-SECCION** | **ARRASTRE SUB - SECCION (qby)** | **CAUDAL PARCIAL QB** |
| | **(m/s)** | **(m)** | **(g)** | **(sg)** | **(m)** | **(g/m)** | **(kg/m*s)** | **(TON/DIA)** |
| 1 | 0.360 | 7.146 | 2.192 | 120 | 93.8 | 205.56 | 0.0017130 | 0.15 |
| 2 | 0.390 | 6.980 | 3.299 | 120 | 91.6 | 302.19 | 0.0025183 | 0.22 |
| 3 | 0.310 | 6.919 | 130.48 | 120 | 90.8 | 11847.65 | 0.0987304 | 8.53 |
| 4 | 1.620 | 6.176 | 405.34 | 120 | 81.0 | 32852.75 | 0.2737729 | 23.65 |
| 5 | 1.860 | 6.139 | 629.63 | 120 | 80.6 | 50725.70 | 0.4227142 | 36.52 |
| 6 | 1.770 | 7.511 | 1179.073 | 120 | 98.6 | 116220.70 | 0.9685058 | 83.68 |
| 7 | 1.870 | 7.623 | 1255.053 | 120 | 100.0 | 125554.71 | 1.0462893 | 90.40 |
| 8 | 1.860 | 7.052 | 944.035 | 120 | 92.5 | 87366.60 | 0.7280550 | 62.90 |
| 9 | 1.900 | 7.054 | 3426.08 | 120 | 92.6 | 317159.69 | 2.6429974 | 228.35 |
| 10 | 2.000 | 5.572 | 1018.0963 | 120 | 73.1 | 74446.62 | 0.6203885 | 53.60 |
| 11 | 1.240 | 5.412 | 96.029 | 120 | 71.0 | 6820.33 | 0.0568361 | 4.91 |
| **PESO TOTAL (g)** | | | **9089.31** | | **73.58** | **0.82** | **6.863** | **592.922** |
| | | | | | | **CAUDAL SOLIDOS DE FONDO TOTALES QB (TON/DIA)** | | **592.92181** |
| | | | | | | **TOTAL CAUDAL SOLIDO QT (TON/DIA)** | | **9621.53850** |

**DESCRIPCIÓN :**