



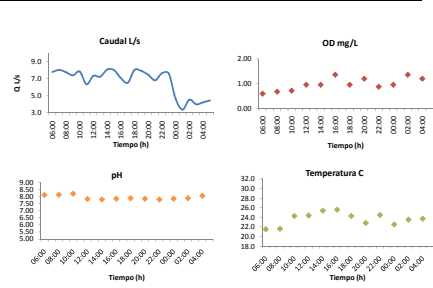
FICHA TÉCNICA
VERTIENTES DEL SISTEMA DE ALCANTARRILADO
BUACARAMANGA, FLORIDABLANCA Y GIRÓN



| | | | | | | | |
|---|------|---|------|---|------------------------|--|--|
| FUENTE RECEPTORA: RIO SURATA | | PUNTO DE AFORO: VEGAS DE MORRORICO PARTE ALTA | | METODO DE AFORO: Vadeo | | COORDENADAS Norte: 1281540 Este: 1106959 | |
| Identificación No. 28 | | HORA Inicial: 08:00 Final: 05:00 | | ECUACION DEL MOINETE | | Elevación: 843m | |
| PARAMETROS IN SITU | | | | LOCALIZACION AL PUNTO DE MUESTREO (Fuentes) | | | |
| O.D. (mg/L) | 0.99 | pH: | 8.19 | Temperatura Agua (°C) | Max: 25.6 Min: 21.5 | DISTANCIA (m) Agua arriba: Agua abajo: | |
| CONDICIONES HIDRAULICAS DEL CAUDAL DESCARGADO | | | | GENERALIDADES DE LA ESTRUCTURA | | | |
| Q. promedio (L/s): 6.7 | | Q. día (L/s): 7.5 | | Q. noche (L/s): 5.9 | | DIMENSION: Ø (m) ANCHO ALTO (m) | |
| Velocidad media (m/s): | | | | TIPO DE MATERIAL: | | | |
| Área sección (m ²): | | | | ESTADO DE LA ESTRUCTURA: | | | |
| OBSERVACIONES GENERALES: | | | | | | | |

| HORA | Q (l/s) | O.D | pH | T w |
|----------|---------|------|------|------|
| 06:00 | 7.8 | 0.60 | 8.10 | 21.5 |
| 07:00 | 8.0 | | | |
| 08:00 | 7.8 | 0.68 | 8.12 | 21.6 |
| 09:00 | 7.4 | | | |
| 10:00 | 7.8 | 0.72 | 8.19 | 24.3 |
| 11:00 | 6.4 | | | |
| 12:00 | 7.3 | 0.96 | 7.82 | 24.4 |
| 13:00 | 7.2 | | | |
| 14:00 | 8.1 | 0.96 | 7.79 | 25.4 |
| 15:00 | 8.0 | | | |
| 16:00 | 7.1 | 1.36 | 7.84 | 25.6 |
| 17:00 | 6.5 | | | |
| 18:00 | 8.0 | 0.96 | 7.88 | 24.3 |
| 19:00 | 7.9 | | | |
| 20:00 | 7.5 | 1.20 | 7.84 | 22.8 |
| 21:00 | 6.8 | | | |
| 22:00 | 7.6 | 0.88 | 7.78 | 24.5 |
| 23:00 | 7.6 | | | |
| 00:00 | 4.6 | 0.96 | 7.84 | 22.5 |
| 01:00 | 3.4 | | | |
| 02:00 | 4.5 | 1.36 | 7.87 | 23.5 |
| 03:00 | 4.0 | | | |
| 04:00 | 4.2 | 1.20 | 8.04 | 23.7 |
| 05:00 | 4.5 | | | |
| Promedio | 6.7 | 0.99 | | |
| Día | 7.5 | | | |
| Noche | 5.9 | | | |

| Concentración (mg/L) | DBO | DQO | SST | COLL. T. | COLL. F. | N-NH3 | GAA | TENSOA. |
|----------------------|-------|-------|-------|----------|----------|-------|-----|---------|
| Día | 142.3 | 249.6 | 139.2 | 2100X106 | 930X106 | | | |
| Noche | 39.0 | 96 | 69.6 | 2400X106 | 210X106 | | | |
| Promedio | 96.5 | 181.6 | 106.4 | | | | | |
| Carga (Kg/d) | 87.3 | 107.7 | 64.3 | | | | | |



FOTOGRAFIAS

