



SISTEMAS DE COORDENADAS
 Projected Coordinate System: MAGNA-SIRGAS / Origen-Nacional
 Projection: Transverse_Mercator
 False Easting: 5000000,00000000
 False Northing: 2000000,00000000
 Central Meridian: -73,00000000
 Scale Factor: 0,99920000
 Latitude Of Origin: 4,00000000
 Linear Unit: Meter

- CONVENCIONES**
- Red de Media Tension
 - Red hidrica
 - Anillo Vial
 - Eje Anillo Vial
 - Eje Colindante
 - cerca
 - via
 - Curvas a Nivel
 - CVL_CURV_D
 - CVL_CURV_G
 - Perimetro Plan Parcial
 - RESUMEN 3 LOTE A
 - Obras de arte
 - Red Acueducto
 - Red Gas
 - Red de Baja Tension Trenzada
 - Mojon Exte.
 - Punto Lindero
 - Punto GPS
 - Derecho Via Acueducto Metropolitano
 - Pozo Septico
 - Caja Gas
 - Poste en concreto 12 Mts
 - Testigo 4 Pulgadas
 - Torreclilla
 - Arboles

LEYENDA

ZONIFICACION DE INUNDACION Tr50 años

CONTENIDO:
 PLANO EN PLANTA DE INUNDACION Y DETALLES ESTUDIO INUNDABILIDAD QUEBRADA SECA SECTOR PREDIO RESUMEN3 LOTE A

PROYECTO: PLAN PARCIAL DE DESARROLLO EN SUELO DE EXPANSION "LAS GUADUAS" MUNICIPIO SAN JOSE DE CUCUTA

Resumen 3 Lote A
 Area: 121.815,68 m²
 Folio de Matrícula 260-343922

ELABORÓ:

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PROPIETARIO:

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Yamile Abrajim de Pérez
 Pabra S A NIT 890.504.110-5
 R.L. Yamile Abrajim de Pérez

ESCALA: 1:1.000
 0 5 10 20 30 40 50 Meters

FECHA: SEPTIEMBRE DE 2020

PLANO: 271 28

SWMM 5 vE - Análisis Hidrológico - GUADUAS.inp - [Mapa del Área de Estudio]

Archivo Editar Ver Proyecto Informe Herramientas Ventana Ayuda

Datos Mapa

Temas: Subcuencas, Área, Nudos, Líneas

Instante: Fecha, Hora, Tiempo desde inicio

Animación

Subcuenca: Área (25.00, 50.00, 75.00, 100.00 ha)

Nudo Inundación: 25.00, 50.00, 75.00, 100.00 LPS

Línea Caudal: 25.00, 50.00, 75.00, 100.00 LPS

Simulación
 La simulación se realizó con éxito.
 Error de continuidad: 0.00 %
 Escorrentía superficial: 0.00 %
 Cálculo hidráulico: -14.39 %

Aceptar

HEC-HMS 4.3 [C:\...Documents\Mod-HECHMS-Guaduas\ModGuaduas\ModGuaduas.hms]

File Edit View Components GIS Parameters Compute Results Tools Help

ModGuaduas

- Basin Models
 - Cuenca GUADUAS
 - Cuenca Guaduas
 - Cauce Guaduas
 - Descarga
- Meteorologic Models
 - Met 1
 - Specified Hyetograph
 - Control Specifications
 - Control 1
 - Time-Series Data
 - Drainitation Gages

Components Compute Results

Time-Series Gage Table

Time Window Graph

Basin Model [Cuenca GUADUAS] Current Run [Run 2]

Summary Results for Sink "Descarga"

Project: ModGuaduas Simulation Run: Run 2
 Sink: Descarga

Start of Run: 01ene2000, 00:00 Basin Model: Cuenca GUADUAS
 End of Run: 01ene2000, 03:17 Meteorologic Model: Met 1
 Compute Time: DATA CHANGED, RECOMPUTE Control Specifications: Control 1

Volume Units: MM 1000 M3

Computed Results
 Peak Discharge: 71.3 (M3/S) Date/Time of Peak Discharge: 01ene2000, 02:38
 Volume: 86.14 (MM)

ABRAHAM ABRAJIM R. DEL T4 AL P145A L=489.17
 Y YAMILE ABRAJIM DE PEREZ
 RESERVA
 RESUMEN 3

| Reach | River Sta | Sección Transversal | Profile | Q Total (m ³ /s) | Min Ch El (m) | W.S. Elev (m) | Crit W.S. (m) | E.G. Elev (m) | E.G. Slope (m/m) | Vel Chnl (m/s) | Flow Area (m ²) | Top Width (m) | Froude # Chl |
|------------------|-----------|---------------------|---------|-----------------------------|---------------|---------------|---------------|---------------|------------------|----------------|-----------------------------|---------------|--------------|
| Cauce AnilloVial | 18 | A | Tr50 | 64.45 | 281.750 | 283.810 | 283.220 | 283.860 | 0.001 | 1.240 | 64.440 | 57.730 | 0.310 |
| Cauce AnilloVial | 17 | B | Tr50 | 64.45 | 281.500 | 283.780 | 283.860 | 283.860 | 0.001 | 1.370 | 54.950 | 48.530 | 0.360 |
| Cauce AnilloVial | 16 | C | Tr50 | 64.45 | 281.500 | 283.410 | 283.410 | 283.810 | 0.005 | 2.900 | 24.970 | 32.820 | 0.870 |
| Cauce AnilloVial | 15 | D | Tr50 | 64.45 | 281.500 | 282.910 | 283.150 | 283.690 | 0.015 | 3.980 | 17.150 | 30.170 | 1.450 |
| Cauce AnilloVial | 14 | E | Tr50 | 64.45 | 281.000 | 282.540 | 282.840 | 283.500 | 0.019 | 4.570 | 16.060 | 30.290 | 1.630 |
| Cauce AnilloVial | 13 | F | Tr50 | 64.45 | 281.500 | 282.560 | 282.780 | 283.230 | 0.018 | 3.620 | 17.880 | 33.220 | 1.500 |
| Cauce AnilloVial | 12 | G | Tr50 | 64.45 | 281.000 | 282.560 | 282.710 | 283.070 | 0.008 | 3.220 | 22.300 | 48.820 | 1.080 |
| Cauce AnilloVial | 11 | H | Tr50 | 64.45 | 281.000 | 282.210 | 282.420 | 282.900 | 0.034 | 3.690 | 17.480 | 47.280 | 1.940 |
| Cauce AnilloVial | 10 | I | Tr50 | 64.45 | 280.750 | 282.380 | 282.170 | 282.500 | 0.002 | 1.750 | 43.190 | 58.750 | 0.570 |
| Cauce AnilloVial | 9 | J | Tr50 | 64.45 | 280.500 | 282.380 | 282.480 | 282.480 | 0.001 | 1.760 | 47.410 | 54.950 | 0.480 |
| Cauce AnilloVial | 8 | K | Tr50 | 64.45 | 280.750 | 282.370 | 282.460 | 282.460 | 0.001 | 1.420 | 49.720 | 49.520 | 0.420 |
| Cauce AnilloVial | 7 | L | Tr50 | 64.45 | 280.250 | 282.370 | 282.460 | 282.460 | 0.001 | 1.480 | 51.160 | 45.060 | 0.380 |
| Cauce AnilloVial | 6 | M | Tr50 | 64.45 | 280.250 | 282.340 | 282.440 | 282.440 | 0.001 | 1.680 | 45.990 | 39.210 | 0.420 |
| Cauce AnilloVial | 5 | N | Tr50 | 64.45 | 280.250 | 282.330 | 282.430 | 282.430 | 0.001 | 1.660 | 46.260 | 41.040 | 0.420 |
| Cauce AnilloVial | 4 | O | Tr50 | 64.45 | 280.000 | 282.330 | 282.420 | 282.420 | 0.001 | 1.520 | 52.560 | 43.540 | 0.360 |
| Cauce AnilloVial | 3 | P | Tr50 | 64.45 | 279.750 | 282.300 | 282.410 | 282.410 | 0.001 | 1.630 | 46.870 | 35.010 | 0.370 |
| Cauce AnilloVial | 2 | Q | Tr50 | 64.45 | 279.500 | 281.850 | 281.850 | 282.350 | 0.005 | 3.170 | 21.520 | 24.050 | 0.880 |
| Cauce AnilloVial | 1 | R | Tr50 | 64.45 | 279.500 | 281.190 | 281.480 | 282.230 | 0.013 | 4.610 | 14.930 | 16.480 | 1.380 |

| F | G |
|---|----|
| A | 18 |
| B | 17 |
| C | 16 |
| D | 15 |
| E | 14 |
| F | 13 |
| G | 12 |
| H | 11 |
| I | 10 |
| J | 9 |
| K | 8 |
| L | 7 |
| M | 6 |
| N | 5 |
| O | 4 |
| P | 3 |
| Q | 2 |
| R | 1 |