[5/30/2023 8:24:10]

threads=-1

batch=6 of 6

exe=

nextsim=

[5/30/2023 8:24:10] K:\SAR\_GIS\248153000-LBK\_Village\ENGINEERING\DMK Exist\Scenarios\Sc7\Simulations\Si9\echo.i4p

[5/30/2023 8:24:10] Reading Simulation

[5/30/2023 8:24:10] Simulation=5yr24hr

[5/30/2023 8:24:10] RunMode=0

[5/30/2023 8:24:10] HotStart=0

[5/30/2023 8:24:10] SaveRestart=0

[5/30/2023 8:24:10] StartYear=0

[5/30/2023 8:24:10] StartMonth=0

[5/30/2023 8:24:10] StartDay=0

[5/30/2023 8:24:10] StartHour=0.000

[5/30/2023 8:24:10] EndYear=0

[5/30/2023 8:24:10] EndMonth=0

[5/30/2023 8:24:10] EndDay=0

[5/30/2023 8:24:10] EndHour=30.000

[5/30/2023 8:24:10] HotstartYear=0

[5/30/2023 8:24:10] HotstartMonth=0

[5/30/2023 8:24:10] HotstartDay=0

[5/30/2023 8:24:10] HotstartHour=0.000

[5/30/2023 8:24:10] MinCalc\_Hydrology=60.000

[5/30/2023 8:24:10] MinCalc\_Hydraulics=0.100

[5/30/2023 8:24:10] MaxCalc\_Hydraulics=60.000

[5/30/2023 8:24:10] MinCalc\_Groundwater=900.000

[5/30/2023 8:24:10] RainfallSet=ICPR3

[5/30/2023 8:24:10] RefETSet=

[5/30/2023 8:24:10] UnitHydSet=ICPR3

[5/30/2023 8:24:10] BndStageSet=

[5/30/2023 8:24:10] ExHydSet=

[5/30/2023 8:24:10] CurveNumSet=

[5/30/2023 8:24:10] GreenAmptSet=

[5/30/2023 8:24:10] VertLayerSet=

[5/30/2023 8:24:10] ImpervSet=

[5/30/2023 8:24:11] RoughnessSet=

[5/30/2023 8:24:11] CropCoefSet=

[5/30/2023 8:24:11] PorosSet=

[5/30/2023 8:24:11] ConductSet=

[5/30/2023 8:24:11] LeakageSet=

[5/30/2023 8:24:11] TimeMarching=0

[5/30/2023 8:24:11] MaxIterations=6

[5/30/2023 8:24:11] OverRelaxWeightFactor=0.500

[5/30/2023 8:24:11] dZTolerance=0.001

[5/30/2023 8:24:11] MaxdZ=1.000

[5/30/2023 8:24:11] LinkOptTol=0.000

[5/30/2023 8:24:11] EdgeLengthOpt=0

[5/30/2023 8:24:11] EdgeLengthFactor=0.667

[5/30/2023 8:24:11] DefaultDampThresh2d=0.005

[5/30/2023 8:24:11] MinSurfArea2d=1.000

[5/30/2023 8:24:11] EnergySwitch2d=1

[5/30/2023 8:24:11] IaTime=24.000

[5/30/2023 8:24:11] IncludeETManBasns=0

[5/30/2023 8:24:11] VertLayerSoln=0

[5/30/2023 8:24:11] RainOptManBasns=1

[5/30/2023 8:24:11] RainOptOF=1

[5/30/2023 8:24:11] RainName=Flmod

[5/30/2023 8:24:11] RainAmount=6.000

[5/30/2023 8:24:11] StormDur=24.000

[5/30/2023 8:24:11] DefaultDampThresh1D=0.005

[5/30/2023 8:24:11] MinNodeSurfArea1D=113.000

[5/30/2023 8:24:11] EnergySwitch1D=1033828609

[5/30/2023 8:24:11] Comment=

[5/30/2023 8:24:11] 7 threads [8 cores detected]

[5/30/2023 8:24:11] SolutionMethod=SAOR

[5/30/2023 8:24:11] No \_ET.TXT

[5/30/2023 8:24:11] No \_EV.TXT

[5/30/2023 8:24:11] Reading Operating Tables

[5/30/2023 8:24:11] Reading Cross Sections

[5/30/2023 8:24:11] Reading 1D Nodes

[5/30/2023 8:24:11] Reading Overland Flow Nodes

[5/30/2023 8:24:11] Reading 1D Channels

[5/30/2023 8:24:12] Setting up channel ghost nodes

[5/30/2023 8:24:12] Reading Pipes

[5/30/2023 8:24:12] Reading Rating Curves

[5/30/2023 8:24:12] Reading Weirs

[5/30/2023 8:24:12] Reading Drop Structures

[5/30/2023 8:24:12] Reading Breaches

[5/30/2023 8:24:12] Reading Percs

[5/30/2023 8:24:12] Reading Overland Flow Channels

[5/30/2023 8:24:12] Reading Overland Flow Weirs

[5/30/2023 8:24:13] Setting up ghost nodes

[5/30/2023 8:24:13] Reading Manual Basins

[5/30/2023 8:24:13] Reading Overland Flow Basins

[5/30/2023 8:24:13] Sorting basins

[5/30/2023 8:24:13] Reading Basin Features

[5/30/2023 8:24:13] Reading Groundwater

[5/30/2023 8:24:14] Initializing threads

[5/30/2023 8:24:14] Build Complete

[5/30/2023 8:24:14] Total basin area=56.980

[5/30/2023 8:24:14] Basins: Minarea\_ft2=39204.00000 Maxarea\_ft2=322344.00000 Avgarea\_ft2=130634.14737

[5/30/2023 8:24:14]

[5/30/2023 8:24:14] --- Hydrology Counts -----------------------------------------------

[5/30/2023 8:24:14] Total Basin = 19

[5/30/2023 8:24:14] Direct Basin = 0

[5/30/2023 8:24:14] Manual NRCS Basin = 0

[5/30/2023 8:24:14] Manual SB Basin = 0

[5/30/2023 8:24:14] Mapped NRCS Basin = 0

[5/30/2023 8:24:14] Mapped SB Basin = 0

[5/30/2023 8:24:14] Simple NRCS Basin = 19

[5/30/2023 8:24:14] Simple SB Basin = 0

[5/30/2023 8:24:14] Total Basin Polygon = 19

[5/30/2023 8:24:14] Manual Basin Polygon = 0

[5/30/2023 8:24:15] Mapped Basin Polygon = 0

[5/30/2023 8:24:15] 2D Basin Polygon = 0

[5/30/2023 8:24:15] Crop = 0

[5/30/2023 8:24:15] Reference ET = 0

[5/30/2023 8:24:15] Rainfall = 1

[5/30/2023 8:24:15] Green Ampt Parameter = 0

[5/30/2023 8:24:15] Vert Layer Parameter = 0

[5/30/2023 8:24:15] Curve Number Parameter = 20

[5/30/2023 8:24:15] Imperviousness = 20

[5/30/2023 8:24:15]

[5/30/2023 8:24:15] --- Routing Counts -------------------------------------------------

[5/30/2023 8:24:16] Region = 0

[5/30/2023 8:24:16] Total Node = 41

[5/30/2023 8:24:16] 1D Stage Area = 31

[5/30/2023 8:24:16] 1D Time Stage = 10

[5/30/2023 8:24:16] 1D Drop Nodes = 0

[5/30/2023 8:24:16] 2D Stage Area = 0

[5/30/2023 8:24:16] 2D Time Stage = 0

[5/30/2023 8:24:16] 2D Pond Ghost = 0

[5/30/2023 8:24:16] 2D Chan Ghost = 0

[5/30/2023 8:24:16] 1D/2D Node Interfaces = 0

[5/30/2023 8:24:16] 1D/2D Injection Wells = 0

[5/30/2023 8:24:16] Total Link = 68

[5/30/2023 8:24:16] 1D Pipe = 27

[5/30/2023 8:24:16] 1D Drop Structure = 0

[5/30/2023 8:24:16] 1D French Drain = 0

[5/30/2023 8:24:16] 1D Channel = 18

[5/30/2023 8:24:17] 2D Channel = 0

[5/30/2023 8:24:17] 1D Weir = 5

[5/30/2023 8:24:17] 1D Drop Weir = 0

[5/30/2023 8:24:17] 2D Weir = 0

[5/30/2023 8:24:17] 1D Rating Curve = 18

[5/30/2023 8:24:17] 1D Percolation = 0

[5/30/2023 8:24:17] Cross Section = 9

[5/30/2023 8:24:17] Operating Table = 6

[5/30/2023 8:24:17]

[5/30/2023 8:24:17] --- Groundwater Counts ---------------------------------------------

[5/30/2023 8:24:17] Region = 0

[5/30/2023 8:24:17] Triangle = 0

[5/30/2023 8:24:17] Vertex = 0

[5/30/2023 8:24:17] Midpoint = 0

[5/30/2023 8:24:17] --------------------------------------------------------------------

[5/30/2023 8:24:17]

[5/30/2023 8:24:20] Processing Initial Link Flows...

[5/30/2023 8:24:20] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/30/2023 8:24:21] Node 100 caused a revert (this will only be logged once per node)

[5/30/2023 8:24:21] Node 1400 caused a revert (this will only be logged once per node)

[5/30/2023 8:24:21] Node 1401A caused a revert (this will only be logged once per node)

[5/30/2023 8:24:21] Node 101A caused a revert (this will only be logged once per node)

[5/30/2023 8:24:47] Node 900 caused a revert (this will only be logged once per node)

[5/30/2023 8:24:49] Node 200 caused a revert (this will only be logged once per node)

[5/30/2023 8:24:55] Node 1700 caused a revert (this will only be logged once per node)

[5/30/2023 8:24:57] Node 1000 caused a revert (this will only be logged once per node)

[5/30/2023 8:25:13] Node 1300 caused a revert (this will only be logged once per node)

[5/30/2023 8:25:23] Node 1200 caused a revert (this will only be logged once per node)

[5/30/2023 8:26:49] Node 1001A caused a revert (this will only be logged once per node)

[5/30/2023 8:26:50] Node 1700A caused a revert (this will only be logged once per node)

[5/30/2023 8:26:51] Node 1701A1 caused a revert (this will only be logged once per node)

[5/30/2023 8:26:51] Node 1701A caused a revert (this will only be logged once per node)

[5/30/2023 8:26:52] Node 901A caused a revert (this will only be logged once per node)

[5/30/2023 8:27:03] Node 400 caused a revert (this will only be logged once per node)

[5/30/2023 8:27:16] Node 1900 caused a revert (this will only be logged once per node)

[5/30/2023 8:31:25] Conduit Optimizer Total Count=53221691 of 140408312

[5/30/2023 8:31:25] PC busted 17854 of 742316

[5/30/2023 8:31:25] Average Iterations was 3.299

[5/30/2023 8:31:25] Average dt was 0.15471 sec

[5/30/2023 8:31:25] Revert count=44251

[5/30/2023 8:31:25]

[5/30/2023 8:31:25] ---- Timers -----------------------------

[5/30/2023 8:31:25] Total Time=425.412 sec

[5/30/2023 8:31:25] Basin Time=0.119 sec

[5/30/2023 8:31:25] BasinPoly Time=0.242 sec

[5/30/2023 8:31:25] Node Time=15.253 sec

[5/30/2023 8:31:25] Link Time=117.237 sec

[5/30/2023 8:31:25] Hydrology Output Time=147.299 sec

[5/30/2023 8:31:25] Groundwater Output Time=0.266 sec

[5/30/2023 8:31:25] Routing Output Time=113.519 sec

[5/30/2023 8:31:25] --- Thread Timers --------------------

[5/30/2023 8:31:25] Thread[0] Basin Time=0.022 sec

[5/30/2023 8:31:25] Thread[0] BasinPoly Time=0.003 sec

[5/30/2023 8:31:25] Thread[0] Node Time=2.873 sec

[5/30/2023 8:31:26] Thread[0] Link Time=28.842 sec

[5/30/2023 8:31:26] --- Thread Timers --------------------

[5/30/2023 8:31:26] Thread[1] Basin Time=0.020 sec

[5/30/2023 8:31:26] Thread[1] BasinPoly Time=0.003 sec

[5/30/2023 8:31:26] Thread[1] Node Time=3.159 sec

[5/30/2023 8:31:26] Thread[1] Link Time=95.756 sec

[5/30/2023 8:31:26] --- Thread Timers --------------------

[5/30/2023 8:31:26] Thread[2] Basin Time=0.017 sec

[5/30/2023 8:31:26] Thread[2] BasinPoly Time=0.003 sec

[5/30/2023 8:31:26] Thread[2] Node Time=3.051 sec

[5/30/2023 8:31:26] Thread[2] Link Time=11.037 sec

[5/30/2023 8:31:26] --- Thread Timers --------------------

[5/30/2023 8:31:26] Thread[3] Basin Time=0.018 sec

[5/30/2023 8:31:26] Thread[3] BasinPoly Time=0.003 sec

[5/30/2023 8:31:26] Thread[3] Node Time=3.106 sec

[5/30/2023 8:31:26] Thread[3] Link Time=15.422 sec

[5/30/2023 8:31:26] --- Thread Timers --------------------

[5/30/2023 8:31:26] Thread[4] Basin Time=0.018 sec

[5/30/2023 8:31:26] Thread[4] BasinPoly Time=0.003 sec

[5/30/2023 8:31:26] Thread[4] Node Time=2.628 sec

[5/30/2023 8:31:26] Thread[4] Link Time=9.609 sec

[5/30/2023 8:31:26] --- Thread Timers --------------------

[5/30/2023 8:31:26] Thread[5] Basin Time=0.016 sec

[5/30/2023 8:31:26] Thread[5] BasinPoly Time=0.002 sec

[5/30/2023 8:31:26] Thread[5] Node Time=3.137 sec

[5/30/2023 8:31:26] Thread[5] Link Time=35.041 sec

[5/30/2023 8:31:26] --- Thread Timers --------------------

[5/30/2023 8:31:26] Thread[6] Basin Time=0.012 sec

[5/30/2023 8:31:26] Thread[6] BasinPoly Time=0.002 sec

[5/30/2023 8:31:26] Thread[6] Node Time=2.443 sec

[5/30/2023 8:31:26] Thread[6] Link Time=36.420 sec