[12/6/2023 11:58:47]

threads=-1

batch=2 of 4

exe=C:\Program Files\Icpr4.07.04\I4Model.exe

nextsim=K:\SAR\_Civil\248153000-LBK\_Village\ENGINEERING\LBK Village Proposed\Scenarios\Sc58\Simulations\Si66\

[12/6/2023 11:58:47] K:\SAR\_Civil\248153000-LBK\_Village\ENGINEERING\LBK Village Proposed\Scenarios\Sc58\Simulations\Si65\echo.i4p

[12/6/2023 11:58:48] Reading Simulation

[12/6/2023 11:58:48] Simulation=25YR24HR-3.58

[12/6/2023 11:58:48] RunMode=0

[12/6/2023 11:58:48] HotStart=0

[12/6/2023 11:58:48] SaveRestart=0

[12/6/2023 11:58:48] StartYear=0

[12/6/2023 11:58:48] StartMonth=0

[12/6/2023 11:58:48] StartDay=0

[12/6/2023 11:58:48] StartHour=0.000

[12/6/2023 11:58:48] EndYear=0

[12/6/2023 11:58:48] EndMonth=0

[12/6/2023 11:58:48] EndDay=0

[12/6/2023 11:58:48] EndHour=48.000

[12/6/2023 11:58:48] HotstartYear=0

[12/6/2023 11:58:48] HotstartMonth=0

[12/6/2023 11:58:48] HotstartDay=0

[12/6/2023 11:58:48] HotstartHour=0.000

[12/6/2023 11:58:48] MinCalc\_Hydrology=60.000

[12/6/2023 11:58:48] MinCalc\_Hydraulics=0.100

[12/6/2023 11:58:48] MaxCalc\_Hydraulics=60.000

[12/6/2023 11:58:48] MinCalc\_Groundwater=900.000

[12/6/2023 11:58:48] RainfallSet=ICPR3

[12/6/2023 11:58:48] RefETSet=

[12/6/2023 11:58:48] UnitHydSet=ICPR3

[12/6/2023 11:58:48] BndStageSet=3.58FT

[12/6/2023 11:58:48] ExHydSet=

[12/6/2023 11:58:48] CurveNumSet=

[12/6/2023 11:58:48] GreenAmptSet=

[12/6/2023 11:58:48] VertLayerSet=

[12/6/2023 11:58:48] ImpervSet=

[12/6/2023 11:58:48] RoughnessSet=

[12/6/2023 11:58:48] CropCoefSet=

[12/6/2023 11:58:48] PorosSet=

[12/6/2023 11:58:48] ConductSet=

[12/6/2023 11:58:48] LeakageSet=

[12/6/2023 11:58:48] TimeMarching=0

[12/6/2023 11:58:48] MaxIterations=6

[12/6/2023 11:58:48] OverRelaxWeightFactor=0.500

[12/6/2023 11:58:48] dZTolerance=0.001

[12/6/2023 11:58:48] MaxdZ=1.000

[12/6/2023 11:58:48] LinkOptTol=0.000

[12/6/2023 11:58:48] EdgeLengthOpt=0

[12/6/2023 11:58:49] EdgeLengthFactor=0.667

[12/6/2023 11:58:49] DefaultDampThresh2d=0.005

[12/6/2023 11:58:49] MinSurfArea2d=1.000

[12/6/2023 11:58:49] EnergySwitch2d=1

[12/6/2023 11:58:49] IaTime=24.000

[12/6/2023 11:58:49] IncludeETManBasns=0

[12/6/2023 11:58:49] VertLayerSoln=0

[12/6/2023 11:58:49] RainOptManBasns=1

[12/6/2023 11:58:49] RainOptOF=1

[12/6/2023 11:58:49] RainName=Flmod

[12/6/2023 11:58:49] RainAmount=8.000

[12/6/2023 11:58:49] StormDur=24.000

[12/6/2023 11:58:49] DefaultDampThresh1D=0.005

[12/6/2023 11:58:49] MinNodeSurfArea1D=113.000

[12/6/2023 11:58:49] EnergySwitch1D=1

[12/6/2023 11:58:49] Comment=

[12/6/2023 11:58:49] 19 threads [20 cores detected]

[12/6/2023 11:58:49] SolutionMethod=SAOR

[12/6/2023 11:58:49] No \_ET.TXT

[12/6/2023 11:58:49] No \_EV.TXT

[12/6/2023 11:58:49] Reading Operating Tables

[12/6/2023 11:58:49] Reading Cross Sections

[12/6/2023 11:58:49] Reading 1D Nodes

[12/6/2023 11:58:49] Reading Overland Flow Nodes

[12/6/2023 11:58:49] Reading 1D Channels

[12/6/2023 11:58:50] Setting up channel ghost nodes

[12/6/2023 11:58:50] Reading Pipes

[12/6/2023 11:58:50] Reading Rating Curves

[12/6/2023 11:58:50] Reading Weirs

[12/6/2023 11:58:50] Reading Drop Structures

[12/6/2023 11:58:50] Reading Breaches

[12/6/2023 11:58:50] Reading Percs

[12/6/2023 11:58:50] Reading Overland Flow Channels

[12/6/2023 11:58:50] Reading Overland Flow Weirs

[12/6/2023 11:58:50] Setting up ghost nodes

[12/6/2023 11:58:50] Reading Manual Basins

[12/6/2023 11:58:51] Reading Overland Flow Basins

[12/6/2023 11:58:51] Sorting basins

[12/6/2023 11:58:51] Reading Basin Features

[12/6/2023 11:58:51] Reading Groundwater

[12/6/2023 11:58:51] Initializing threads

[12/6/2023 11:58:51] Build Complete

[12/6/2023 11:58:51] Total basin area=58.231

[12/6/2023 11:58:51] Basins: Minarea\_ft2=3484.80000 Maxarea\_ft2=313632.00000 Avgarea\_ft2=42992.24339

[12/6/2023 11:58:51]

[12/6/2023 11:58:51] --- Hydrology Counts -----------------------------------------------

[12/6/2023 11:58:51] Total Basin = 59

[12/6/2023 11:58:51] Direct Basin = 0

[12/6/2023 11:58:51] Manual NRCS Basin = 0

[12/6/2023 11:58:51] Manual SB Basin = 0

[12/6/2023 11:58:52] Mapped NRCS Basin = 0

[12/6/2023 11:58:52] Mapped SB Basin = 0

[12/6/2023 11:58:52] Simple NRCS Basin = 59

[12/6/2023 11:58:52] Simple SB Basin = 0

[12/6/2023 11:58:52] Total Basin Polygon = 59

[12/6/2023 11:58:52] Manual Basin Polygon = 0

[12/6/2023 11:58:52] Mapped Basin Polygon = 0

[12/6/2023 11:58:52] 2D Basin Polygon = 0

[12/6/2023 11:58:52] Crop = 0

[12/6/2023 11:58:52] Reference ET = 0

[12/6/2023 11:58:52] Rainfall = 1

[12/6/2023 11:58:52] Green Ampt Parameter = 0

[12/6/2023 11:58:52] Vert Layer Parameter = 0

[12/6/2023 11:58:52] Curve Number Parameter = 60

[12/6/2023 11:58:52] Imperviousness = 60

[12/6/2023 11:58:52]

[12/6/2023 11:58:53] --- Routing Counts -------------------------------------------------

[12/6/2023 11:58:53] Region = 0

[12/6/2023 11:58:53] Total Node = 79

[12/6/2023 11:58:53] 1D Stage Area = 69

[12/6/2023 11:58:53] 1D Time Stage = 10

[12/6/2023 11:58:53] 1D Drop Nodes = 0

[12/6/2023 11:58:53] 2D Stage Area = 0

[12/6/2023 11:58:53] 2D Time Stage = 0

[12/6/2023 11:58:53] 2D Pond Ghost = 0

[12/6/2023 11:58:53] 2D Chan Ghost = 0

[12/6/2023 11:58:53] 1D/2D Node Interfaces = 0

[12/6/2023 11:58:53] 1D/2D Injection Wells = 0

[12/6/2023 11:58:53] Total Link = 103

[12/6/2023 11:58:53] 1D Pipe = 69

[12/6/2023 11:58:53] 1D Drop Structure = 0

[12/6/2023 11:58:53] 1D French Drain = 0

[12/6/2023 11:58:53] 1D Channel = 0

[12/6/2023 11:58:53] 2D Channel = 0

[12/6/2023 11:58:53] 1D Weir = 24

[12/6/2023 11:58:53] 1D Drop Weir = 0

[12/6/2023 11:58:54] 2D Weir = 0

[12/6/2023 11:58:54] 1D Rating Curve = 10

[12/6/2023 11:58:54] 1D Percolation = 0

[12/6/2023 11:58:54] Cross Section = 68

[12/6/2023 11:58:54] Operating Table = 11

[12/6/2023 11:58:54]

[12/6/2023 11:58:54] --- Groundwater Counts ---------------------------------------------

[12/6/2023 11:58:54] Region = 0

[12/6/2023 11:58:54] Triangle = 0

[12/6/2023 11:58:54] Vertex = 0

[12/6/2023 11:58:54] Midpoint = 0

[12/6/2023 11:58:54] --------------------------------------------------------------------

[12/6/2023 11:58:54]

[12/6/2023 11:58:57] Processing Initial Link Flows...

[12/6/2023 11:58:57] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[12/6/2023 11:59:00] Node 100 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1000A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1000D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1000E caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1200 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1300 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1300B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1300E caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1400 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1400A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:00] Node 1400B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1500A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 158 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1600A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1700 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1700A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1700B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1701A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1701A1 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 179 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 1900B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 200 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 200B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:01] Node 200C caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 200D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 201A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 300 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 400A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 400B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 400C caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 400D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 400E caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 500 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 500E caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 900 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 900E caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 901A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 1000C caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 1100B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 1100D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 1300C caused a revert (this will only be logged once per node)

[12/6/2023 11:59:02] Node 1800A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1800B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 700 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 900D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1200A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1000F caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1600 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1100C caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 500A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1300F caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 400F caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1001B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1001A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 500F caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 800 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 500D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1500B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1000G caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1000B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:03] Node 1300D caused a revert (this will only be logged once per node)

[12/6/2023 11:59:04] Node 1600B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:04] Node 500B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:04] Node 500C caused a revert (this will only be logged once per node)

[12/6/2023 11:59:04] Node 900B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:04] Node 600 caused a revert (this will only be logged once per node)

[12/6/2023 11:59:05] Node 1900A caused a revert (this will only be logged once per node)

[12/6/2023 11:59:05] Node 800B caused a revert (this will only be logged once per node)

[12/6/2023 11:59:05] Node 1100A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:30] Conduit Optimizer Total Count=15687740 of 16524327

[12/6/2023 12:10:30] PC busted 220 of 108809

[12/6/2023 12:10:31] Average Iterations was 1.201

[12/6/2023 12:10:31] Average dt was 1.66633 sec

[12/6/2023 12:10:31] Revert count=5107

[12/6/2023 12:10:31]

[12/6/2023 12:10:31] ---- Timers -----------------------------

[12/6/2023 12:10:31] Total Time=693.635 sec

[12/6/2023 12:10:31] Basin Time=0.236 sec

[12/6/2023 12:10:31] BasinPoly Time=0.290 sec

[12/6/2023 12:10:31] Node Time=13.253 sec

[12/6/2023 12:10:32] Link Time=30.173 sec

[12/6/2023 12:10:32] Hydrology Output Time=323.522 sec

[12/6/2023 12:10:32] Groundwater Output Time=0.460 sec

[12/6/2023 12:10:32] Routing Output Time=223.064 sec

[12/6/2023 12:10:32] --- Thread Timers --------------------

[12/6/2023 12:10:32] Thread[0] Basin Time=0.019 sec

[12/6/2023 12:10:32] Thread[0] BasinPoly Time=0.006 sec

[12/6/2023 12:10:32] Thread[0] Node Time=0.629 sec

[12/6/2023 12:10:32] Thread[0] Link Time=7.133 sec

[12/6/2023 12:10:32] --- Thread Timers --------------------

[12/6/2023 12:10:32] Thread[1] Basin Time=0.026 sec

[12/6/2023 12:10:32] Thread[1] BasinPoly Time=0.006 sec

[12/6/2023 12:10:32] Thread[1] Node Time=0.565 sec

[12/6/2023 12:10:32] Thread[1] Link Time=7.771 sec

[12/6/2023 12:10:32] --- Thread Timers --------------------

[12/6/2023 12:10:32] Thread[2] Basin Time=0.016 sec

[12/6/2023 12:10:32] Thread[2] BasinPoly Time=0.005 sec

[12/6/2023 12:10:32] Thread[2] Node Time=0.577 sec

[12/6/2023 12:10:32] Thread[2] Link Time=10.035 sec

[12/6/2023 12:10:32] --- Thread Timers --------------------

[12/6/2023 12:10:32] Thread[3] Basin Time=0.016 sec

[12/6/2023 12:10:32] Thread[3] BasinPoly Time=0.005 sec

[12/6/2023 12:10:32] Thread[3] Node Time=0.482 sec

[12/6/2023 12:10:32] Thread[3] Link Time=15.027 sec

[12/6/2023 12:10:32] --- Thread Timers --------------------

[12/6/2023 12:10:32] Thread[4] Basin Time=0.014 sec

[12/6/2023 12:10:32] Thread[4] BasinPoly Time=0.005 sec

[12/6/2023 12:10:32] Thread[4] Node Time=0.432 sec

[12/6/2023 12:10:32] Thread[4] Link Time=13.068 sec

[12/6/2023 12:10:32] --- Thread Timers --------------------

[12/6/2023 12:10:32] Thread[5] Basin Time=0.014 sec

[12/6/2023 12:10:32] Thread[5] BasinPoly Time=0.005 sec

[12/6/2023 12:10:32] Thread[5] Node Time=0.428 sec

[12/6/2023 12:10:33] Thread[5] Link Time=14.964 sec

[12/6/2023 12:10:33] --- Thread Timers --------------------

[12/6/2023 12:10:33] Thread[6] Basin Time=0.015 sec

[12/6/2023 12:10:33] Thread[6] BasinPoly Time=0.005 sec

[12/6/2023 12:10:33] Thread[6] Node Time=0.476 sec

[12/6/2023 12:10:33] Thread[6] Link Time=11.417 sec

[12/6/2023 12:10:33] --- Thread Timers --------------------

[12/6/2023 12:10:33] Thread[7] Basin Time=0.016 sec

[12/6/2023 12:10:33] Thread[7] BasinPoly Time=0.005 sec

[12/6/2023 12:10:33] Thread[7] Node Time=0.463 sec

[12/6/2023 12:10:33] Thread[7] Link Time=12.088 sec

[12/6/2023 12:10:33] --- Thread Timers --------------------

[12/6/2023 12:10:33] Thread[8] Basin Time=0.015 sec

[12/6/2023 12:10:33] Thread[8] BasinPoly Time=0.005 sec

[12/6/2023 12:10:33] Thread[8] Node Time=0.442 sec

[12/6/2023 12:10:33] Thread[8] Link Time=12.965 sec

[12/6/2023 12:10:33] --- Thread Timers --------------------

[12/6/2023 12:10:33] Thread[9] Basin Time=0.016 sec

[12/6/2023 12:10:33] Thread[9] BasinPoly Time=0.005 sec

[12/6/2023 12:10:33] Thread[9] Node Time=0.439 sec

[12/6/2023 12:10:33] Thread[9] Link Time=10.620 sec

[12/6/2023 12:10:33] --- Thread Timers --------------------

[12/6/2023 12:10:33] Thread[10] Basin Time=0.015 sec

[12/6/2023 12:10:33] Thread[10] BasinPoly Time=0.005 sec

[12/6/2023 12:10:33] Thread[10] Node Time=0.473 sec

[12/6/2023 12:10:33] Thread[10] Link Time=10.844 sec

[12/6/2023 12:10:33] --- Thread Timers --------------------

[12/6/2023 12:10:33] Thread[11] Basin Time=0.014 sec

[12/6/2023 12:10:33] Thread[11] BasinPoly Time=0.005 sec

[12/6/2023 12:10:33] Thread[11] Node Time=0.451 sec

[12/6/2023 12:10:34] Thread[11] Link Time=9.490 sec

[12/6/2023 12:10:34] --- Thread Timers --------------------

[12/6/2023 12:10:34] Thread[12] Basin Time=0.015 sec

[12/6/2023 12:10:34] Thread[12] BasinPoly Time=0.004 sec

[12/6/2023 12:10:34] Thread[12] Node Time=0.430 sec

[12/6/2023 12:10:34] Thread[12] Link Time=15.190 sec

[12/6/2023 12:10:35] --- Thread Timers --------------------

[12/6/2023 12:10:35] Thread[13] Basin Time=0.014 sec

[12/6/2023 12:10:35] Thread[13] BasinPoly Time=0.004 sec

[12/6/2023 12:10:35] Thread[13] Node Time=0.466 sec

[12/6/2023 12:10:35] Thread[13] Link Time=4.638 sec

[12/6/2023 12:10:35] --- Thread Timers --------------------

[12/6/2023 12:10:36] Thread[14] Basin Time=0.015 sec

[12/6/2023 12:10:36] Thread[14] BasinPoly Time=0.005 sec

[12/6/2023 12:10:36] Thread[14] Node Time=0.440 sec

[12/6/2023 12:10:36] Thread[14] Link Time=5.630 sec

[12/6/2023 12:10:36] --- Thread Timers --------------------

[12/6/2023 12:10:36] Thread[15] Basin Time=0.014 sec

[12/6/2023 12:10:37] Thread[15] BasinPoly Time=0.004 sec

[12/6/2023 12:10:37] Thread[15] Node Time=0.417 sec

[12/6/2023 12:10:37] Thread[15] Link Time=11.076 sec

[12/6/2023 12:10:37] --- Thread Timers --------------------

[12/6/2023 12:10:37] Thread[16] Basin Time=0.014 sec

[12/6/2023 12:10:37] Thread[16] BasinPoly Time=0.004 sec

[12/6/2023 12:10:37] Thread[16] Node Time=0.409 sec

[12/6/2023 12:10:37] Thread[16] Link Time=9.575 sec

[12/6/2023 12:10:37] --- Thread Timers --------------------

[12/6/2023 12:10:37] Thread[17] Basin Time=0.014 sec

[12/6/2023 12:10:38] Thread[17] BasinPoly Time=0.004 sec

[12/6/2023 12:10:38] Thread[17] Node Time=0.447 sec

[12/6/2023 12:10:38] Thread[17] Link Time=11.402 sec

[12/6/2023 12:10:38] --- Thread Timers --------------------

[12/6/2023 12:10:39] Thread[18] Basin Time=0.015 sec

[12/6/2023 12:10:39] Thread[18] BasinPoly Time=0.004 sec

[12/6/2023 12:10:39] Thread[18] Node Time=4.099 sec

[12/6/2023 12:10:39] Thread[18] Link Time=14.537 sec