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

 threads=-1

 batch=3 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\Si62\

[12/6/2023 12:10:31] K:\SAR\_Civil\248153000-LBK\_Village\ENGINEERING\LBK Village Proposed\Scenarios\Sc58\Simulations\Si66\echo.i4p

[12/6/2023 12:10:32] Reading Simulation

[12/6/2023 12:10:32] Simulation=25YR24HR-HT

[12/6/2023 12:10:32] RunMode=0

[12/6/2023 12:10:32] HotStart=0

[12/6/2023 12:10:32] SaveRestart=529029888

[12/6/2023 12:10:32] StartYear=0

[12/6/2023 12:10:32] StartMonth=0

[12/6/2023 12:10:32] StartDay=0

[12/6/2023 12:10:32] StartHour=0.000

[12/6/2023 12:10:32] EndYear=0

[12/6/2023 12:10:32] EndMonth=0

[12/6/2023 12:10:32] EndDay=0

[12/6/2023 12:10:32] EndHour=48.000

[12/6/2023 12:10:32] HotstartYear=0

[12/6/2023 12:10:32] HotstartMonth=0

[12/6/2023 12:10:32] HotstartDay=0

[12/6/2023 12:10:32] HotstartHour=0.000

[12/6/2023 12:10:32] MinCalc\_Hydrology=60.000

[12/6/2023 12:10:32] MinCalc\_Hydraulics=0.100

[12/6/2023 12:10:32] MaxCalc\_Hydraulics=60.000

[12/6/2023 12:10:32] MinCalc\_Groundwater=900.000

[12/6/2023 12:10:32] RainfallSet=ICPR3

[12/6/2023 12:10:32] RefETSet=

[12/6/2023 12:10:32] UnitHydSet=ICPR3

[12/6/2023 12:10:32] BndStageSet=OBS-HT

[12/6/2023 12:10:32] ExHydSet=

[12/6/2023 12:10:32] CurveNumSet=

[12/6/2023 12:10:32] GreenAmptSet=

[12/6/2023 12:10:32] VertLayerSet=

[12/6/2023 12:10:32] ImpervSet=

[12/6/2023 12:10:32] RoughnessSet=

[12/6/2023 12:10:33] CropCoefSet=

[12/6/2023 12:10:33] PorosSet=

[12/6/2023 12:10:33] ConductSet=

[12/6/2023 12:10:33] LeakageSet=

[12/6/2023 12:10:33] TimeMarching=0

[12/6/2023 12:10:33] MaxIterations=6

[12/6/2023 12:10:33] OverRelaxWeightFactor=0.500

[12/6/2023 12:10:33] dZTolerance=0.001

[12/6/2023 12:10:33] MaxdZ=1.000

[12/6/2023 12:10:33] LinkOptTol=0.000

[12/6/2023 12:10:33] EdgeLengthOpt=0

[12/6/2023 12:10:33] EdgeLengthFactor=0.667

[12/6/2023 12:10:33] DefaultDampThresh2d=0.005

[12/6/2023 12:10:33] MinSurfArea2d=1.000

[12/6/2023 12:10:33] EnergySwitch2d=529029889

[12/6/2023 12:10:33] IaTime=24.000

[12/6/2023 12:10:33] IncludeETManBasns=529029888

[12/6/2023 12:10:33] VertLayerSoln=529029888

[12/6/2023 12:10:33] RainOptManBasns=1

[12/6/2023 12:10:33] RainOptOF=1

[12/6/2023 12:10:33] RainName=Flmod

[12/6/2023 12:10:33] RainAmount=8.000

[12/6/2023 12:10:33] StormDur=24.000

[12/6/2023 12:10:33] DefaultDampThresh1D=0.005

[12/6/2023 12:10:33] MinNodeSurfArea1D=113.000

[12/6/2023 12:10:33] EnergySwitch1D=1

[12/6/2023 12:10:33] Comment=

[12/6/2023 12:10:33] 19 threads [20 cores detected]

[12/6/2023 12:10:33] SolutionMethod=SAOR

[12/6/2023 12:10:33] No \_ET.TXT

[12/6/2023 12:10:33] No \_EV.TXT

[12/6/2023 12:10:34] Reading Operating Tables

[12/6/2023 12:10:34] Reading Cross Sections

[12/6/2023 12:10:34] Reading 1D Nodes

[12/6/2023 12:10:34] Reading Overland Flow Nodes

[12/6/2023 12:10:34] Reading 1D Channels

[12/6/2023 12:10:34] Setting up channel ghost nodes

[12/6/2023 12:10:35] Reading Pipes

[12/6/2023 12:10:35] Reading Rating Curves

[12/6/2023 12:10:35] Reading Weirs

[12/6/2023 12:10:35] Reading Drop Structures

[12/6/2023 12:10:35] Reading Breaches

[12/6/2023 12:10:35] Reading Percs

[12/6/2023 12:10:35] Reading Overland Flow Channels

[12/6/2023 12:10:35] Reading Overland Flow Weirs

[12/6/2023 12:10:35] Setting up ghost nodes

[12/6/2023 12:10:36] Reading Manual Basins

[12/6/2023 12:10:36] Reading Overland Flow Basins

[12/6/2023 12:10:37] Sorting basins

[12/6/2023 12:10:37] Reading Basin Features

[12/6/2023 12:10:37] Reading Groundwater

[12/6/2023 12:10:37] Initializing threads

[12/6/2023 12:10:37] Build Complete

[12/6/2023 12:10:37] Total basin area=58.231

[12/6/2023 12:10:37] Basins: Minarea\_ft2=3484.80000 Maxarea\_ft2=313632.00000 Avgarea\_ft2=42992.24339

[12/6/2023 12:10:37]

[12/6/2023 12:10:38] --- Hydrology Counts -----------------------------------------------

[12/6/2023 12:10:38] Total Basin = 59

[12/6/2023 12:10:38] Direct Basin = 0

[12/6/2023 12:10:38] Manual NRCS Basin = 0

[12/6/2023 12:10:38] Manual SB Basin = 0

[12/6/2023 12:10:38] Mapped NRCS Basin = 0

[12/6/2023 12:10:38] Mapped SB Basin = 0

[12/6/2023 12:10:39] Simple NRCS Basin = 59

[12/6/2023 12:10:39] Simple SB Basin = 0

[12/6/2023 12:10:39] Total Basin Polygon = 59

[12/6/2023 12:10:39] Manual Basin Polygon = 0

[12/6/2023 12:10:39] Mapped Basin Polygon = 0

[12/6/2023 12:10:39] 2D Basin Polygon = 0

[12/6/2023 12:10:39] Crop = 0

[12/6/2023 12:10:39] Reference ET = 0

[12/6/2023 12:10:39] Rainfall = 1

[12/6/2023 12:10:39] Green Ampt Parameter = 0

[12/6/2023 12:10:40] Vert Layer Parameter = 0

[12/6/2023 12:10:40] Curve Number Parameter = 60

[12/6/2023 12:10:40] Imperviousness = 60

[12/6/2023 12:10:40]

[12/6/2023 12:10:40] --- Routing Counts -------------------------------------------------

[12/6/2023 12:10:40] Region = 0

[12/6/2023 12:10:40] Total Node = 79

[12/6/2023 12:10:41] 1D Stage Area = 69

[12/6/2023 12:10:41] 1D Time Stage = 10

[12/6/2023 12:10:41] 1D Drop Nodes = 0

[12/6/2023 12:10:41] 2D Stage Area = 0

[12/6/2023 12:10:41] 2D Time Stage = 0

[12/6/2023 12:10:41] 2D Pond Ghost = 0

[12/6/2023 12:10:41] 2D Chan Ghost = 0

[12/6/2023 12:10:41] 1D/2D Node Interfaces = 0

[12/6/2023 12:10:41] 1D/2D Injection Wells = 0

[12/6/2023 12:10:42] Total Link = 103

[12/6/2023 12:10:42] 1D Pipe = 69

[12/6/2023 12:10:42] 1D Drop Structure = 0

[12/6/2023 12:10:42] 1D French Drain = 0

[12/6/2023 12:10:42] 1D Channel = 0

[12/6/2023 12:10:42] 2D Channel = 0

[12/6/2023 12:10:42] 1D Weir = 24

[12/6/2023 12:10:43] 1D Drop Weir = 0

[12/6/2023 12:10:43] 2D Weir = 0

[12/6/2023 12:10:43] 1D Rating Curve = 10

[12/6/2023 12:10:43] 1D Percolation = 0

[12/6/2023 12:10:43] Cross Section = 68

[12/6/2023 12:10:43] Operating Table = 11

[12/6/2023 12:10:43]

[12/6/2023 12:10:44] --- Groundwater Counts ---------------------------------------------

[12/6/2023 12:10:44] Region = 0

[12/6/2023 12:10:44] Triangle = 0

[12/6/2023 12:10:44] Vertex = 0

[12/6/2023 12:10:44] Midpoint = 0

[12/6/2023 12:10:44] --------------------------------------------------------------------

[12/6/2023 12:10:44]

[12/6/2023 12:10:48] Processing Initial Link Flows...

[12/6/2023 12:10:49] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[12/6/2023 12:10:53] Node 1000A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1300 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1400 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1400A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1500A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 158 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1600A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1700 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:53] Node 1700B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 179 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1900B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 200C caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 300 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 400A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 400B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 900E caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1000C caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1100B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1100D caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1300E caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1400B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1600 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1800A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 1800B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:54] Node 200 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 200D caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 700 caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 900D caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 201A caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 1100C caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 1500B caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 400C caused a revert (this will only be logged once per node)

[12/6/2023 12:10:55] Node 1300F caused a revert (this will only be logged once per node)

[12/6/2023 12:10:56] Node 400F caused a revert (this will only be logged once per node)

[12/6/2023 12:10:56] Node 400D caused a revert (this will only be logged once per node)

[12/6/2023 12:10:56] Node 400E caused a revert (this will only be logged once per node)

[12/6/2023 12:10:56] Node 1300C caused a revert (this will only be logged once per node)

[12/6/2023 12:10:57] Node 1300B caused a revert (this will only be logged once per node)

[12/6/2023 12:12:16] Node 200B caused a revert (this will only be logged once per node)

[12/6/2023 12:13:01] Node 1000B caused a revert (this will only be logged once per node)

[12/6/2023 12:15:19] Node 500D caused a revert (this will only be logged once per node)

[12/6/2023 12:15:24] Node 901A caused a revert (this will only be logged once per node)

[12/6/2023 12:15:50] Node 1700A caused a revert (this will only be logged once per node)

[12/6/2023 12:15:50] Node 1701A1 caused a revert (this will only be logged once per node)

[12/6/2023 12:31:19] Conduit Optimizer Total Count=69625734 of 77640663

[12/6/2023 12:31:19] PC busted 22 of 500614

[12/6/2023 12:31:19] Average Iterations was 1.248

[12/6/2023 12:31:19] Average dt was 0.36201 sec

[12/6/2023 12:31:19] Revert count=23274

[12/6/2023 12:31:19]

[12/6/2023 12:31:19] ---- Timers -----------------------------

[12/6/2023 12:31:19] Total Time=1230.467 sec

[12/6/2023 12:31:19] Basin Time=0.274 sec

[12/6/2023 12:31:19] BasinPoly Time=0.353 sec

[12/6/2023 12:31:19] Node Time=91.449 sec

[12/6/2023 12:31:20] Link Time=331.220 sec

[12/6/2023 12:31:20] Hydrology Output Time=431.357 sec

[12/6/2023 12:31:20] Groundwater Output Time=0.678 sec

[12/6/2023 12:31:20] Routing Output Time=258.161 sec

[12/6/2023 12:31:20] --- Thread Timers --------------------

[12/6/2023 12:31:20] Thread[0] Basin Time=0.022 sec

[12/6/2023 12:31:20] Thread[0] BasinPoly Time=0.006 sec

[12/6/2023 12:31:20] Thread[0] Node Time=2.479 sec

[12/6/2023 12:31:20] Thread[0] Link Time=163.971 sec

[12/6/2023 12:31:20] --- Thread Timers --------------------

[12/6/2023 12:31:20] Thread[1] Basin Time=0.024 sec

[12/6/2023 12:31:20] Thread[1] BasinPoly Time=0.008 sec

[12/6/2023 12:31:20] Thread[1] Node Time=2.292 sec

[12/6/2023 12:31:20] Thread[1] Link Time=119.964 sec

[12/6/2023 12:31:20] --- Thread Timers --------------------

[12/6/2023 12:31:20] Thread[2] Basin Time=0.019 sec

[12/6/2023 12:31:20] Thread[2] BasinPoly Time=0.007 sec

[12/6/2023 12:31:20] Thread[2] Node Time=2.628 sec

[12/6/2023 12:31:21] Thread[2] Link Time=150.172 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[3] Basin Time=0.019 sec

[12/6/2023 12:31:21] Thread[3] BasinPoly Time=0.007 sec

[12/6/2023 12:31:21] Thread[3] Node Time=2.069 sec

[12/6/2023 12:31:21] Thread[3] Link Time=105.611 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[4] Basin Time=0.018 sec

[12/6/2023 12:31:21] Thread[4] BasinPoly Time=0.007 sec

[12/6/2023 12:31:21] Thread[4] Node Time=2.168 sec

[12/6/2023 12:31:21] Thread[4] Link Time=102.607 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[5] Basin Time=0.019 sec

[12/6/2023 12:31:21] Thread[5] BasinPoly Time=0.007 sec

[12/6/2023 12:31:21] Thread[5] Node Time=2.135 sec

[12/6/2023 12:31:21] Thread[5] Link Time=39.265 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[6] Basin Time=0.020 sec

[12/6/2023 12:31:21] Thread[6] BasinPoly Time=0.007 sec

[12/6/2023 12:31:21] Thread[6] Node Time=2.108 sec

[12/6/2023 12:31:21] Thread[6] Link Time=39.256 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[7] Basin Time=0.019 sec

[12/6/2023 12:31:21] Thread[7] BasinPoly Time=0.007 sec

[12/6/2023 12:31:21] Thread[7] Node Time=2.191 sec

[12/6/2023 12:31:21] Thread[7] Link Time=34.877 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[8] Basin Time=0.026 sec

[12/6/2023 12:31:21] Thread[8] BasinPoly Time=0.006 sec

[12/6/2023 12:31:21] Thread[8] Node Time=2.108 sec

[12/6/2023 12:31:21] Thread[8] Link Time=148.979 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[9] Basin Time=0.018 sec

[12/6/2023 12:31:21] Thread[9] BasinPoly Time=0.006 sec

[12/6/2023 12:31:21] Thread[9] Node Time=2.090 sec

[12/6/2023 12:31:21] Thread[9] Link Time=123.247 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:21] Thread[10] Basin Time=0.018 sec

[12/6/2023 12:31:21] Thread[10] BasinPoly Time=0.007 sec

[12/6/2023 12:31:21] Thread[10] Node Time=2.056 sec

[12/6/2023 12:31:21] Thread[10] Link Time=186.723 sec

[12/6/2023 12:31:21] --- Thread Timers --------------------

[12/6/2023 12:31:22] Thread[11] Basin Time=0.018 sec

[12/6/2023 12:31:22] Thread[11] BasinPoly Time=0.008 sec

[12/6/2023 12:31:22] Thread[11] Node Time=1.802 sec

[12/6/2023 12:31:22] Thread[11] Link Time=98.711 sec

[12/6/2023 12:31:22] --- Thread Timers --------------------

[12/6/2023 12:31:22] Thread[12] Basin Time=0.019 sec

[12/6/2023 12:31:22] Thread[12] BasinPoly Time=0.006 sec

[12/6/2023 12:31:22] Thread[12] Node Time=2.016 sec

[12/6/2023 12:31:22] Thread[12] Link Time=98.118 sec

[12/6/2023 12:31:22] --- Thread Timers --------------------

[12/6/2023 12:31:22] Thread[13] Basin Time=0.017 sec

[12/6/2023 12:31:22] Thread[13] BasinPoly Time=0.006 sec

[12/6/2023 12:31:22] Thread[13] Node Time=2.030 sec

[12/6/2023 12:31:22] Thread[13] Link Time=100.566 sec

[12/6/2023 12:31:22] --- Thread Timers --------------------

[12/6/2023 12:31:23] Thread[14] Basin Time=0.018 sec

[12/6/2023 12:31:23] Thread[14] BasinPoly Time=0.006 sec

[12/6/2023 12:31:23] Thread[14] Node Time=2.165 sec

[12/6/2023 12:31:23] Thread[14] Link Time=124.034 sec

[12/6/2023 12:31:23] --- Thread Timers --------------------

[12/6/2023 12:31:23] Thread[15] Basin Time=0.017 sec

[12/6/2023 12:31:23] Thread[15] BasinPoly Time=0.005 sec

[12/6/2023 12:31:23] Thread[15] Node Time=2.000 sec

[12/6/2023 12:31:23] Thread[15] Link Time=122.572 sec

[12/6/2023 12:31:23] --- Thread Timers --------------------

[12/6/2023 12:31:23] Thread[16] Basin Time=0.017 sec

[12/6/2023 12:31:24] Thread[16] BasinPoly Time=0.005 sec

[12/6/2023 12:31:24] Thread[16] Node Time=2.050 sec

[12/6/2023 12:31:24] Thread[16] Link Time=65.529 sec

[12/6/2023 12:31:24] --- Thread Timers --------------------

[12/6/2023 12:31:24] Thread[17] Basin Time=0.018 sec

[12/6/2023 12:31:24] Thread[17] BasinPoly Time=0.005 sec

[12/6/2023 12:31:24] Thread[17] Node Time=2.047 sec

[12/6/2023 12:31:24] Thread[17] Link Time=111.659 sec

[12/6/2023 12:31:24] --- Thread Timers --------------------

[12/6/2023 12:31:24] Thread[18] Basin Time=0.018 sec

[12/6/2023 12:31:24] Thread[18] BasinPoly Time=0.006 sec

[12/6/2023 12:31:25] Thread[18] Node Time=2.057 sec

[12/6/2023 12:31:25] Thread[18] Link Time=37.045 sec