[5/14/2024 16:44:18]

threads=-1

batch=16 of 16

exe=

nextsim=

[5/14/2024 16:44:18] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc24\Simulations\Si29\echo.i4p

[5/14/2024 16:44:18] Reading Simulation

[5/14/2024 16:44:18] Simulation=25YR24HR-HT

[5/14/2024 16:44:18] RunMode=0

[5/14/2024 16:44:18] HotStart=0

[5/14/2024 16:44:18] SaveRestart=0

[5/14/2024 16:44:18] StartYear=0

[5/14/2024 16:44:18] StartMonth=0

[5/14/2024 16:44:18] StartDay=0

[5/14/2024 16:44:18] StartHour=0.000

[5/14/2024 16:44:18] EndYear=0

[5/14/2024 16:44:18] EndMonth=0

[5/14/2024 16:44:18] EndDay=0

[5/14/2024 16:44:18] EndHour=30.000

[5/14/2024 16:44:18] HotstartYear=0

[5/14/2024 16:44:18] HotstartMonth=0

[5/14/2024 16:44:18] HotstartDay=0

[5/14/2024 16:44:18] HotstartHour=0.000

[5/14/2024 16:44:18] MinCalc\_Hydrology=60.000

[5/14/2024 16:44:18] MinCalc\_Hydraulics=0.100

[5/14/2024 16:44:18] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:44:18] MinCalc\_Groundwater=900.000

[5/14/2024 16:44:18] RainfallSet=

[5/14/2024 16:44:18] RefETSet=

[5/14/2024 16:44:19] UnitHydSet=

[5/14/2024 16:44:19] BndStageSet=OBS-HT

[5/14/2024 16:44:19] ExHydSet=

[5/14/2024 16:44:19] CurveNumSet=

[5/14/2024 16:44:19] GreenAmptSet=

[5/14/2024 16:44:19] VertLayerSet=

[5/14/2024 16:44:19] ImpervSet=

[5/14/2024 16:44:19] RoughnessSet=

[5/14/2024 16:44:19] CropCoefSet=

[5/14/2024 16:44:19] PorosSet=

[5/14/2024 16:44:19] ConductSet=

[5/14/2024 16:44:19] LeakageSet=

[5/14/2024 16:44:19] TimeMarching=0

[5/14/2024 16:44:19] MaxIterations=6

[5/14/2024 16:44:19] OverRelaxWeightFactor=0.500

[5/14/2024 16:44:19] dZTolerance=0.001

[5/14/2024 16:44:19] MaxdZ=1.000

[5/14/2024 16:44:19] LinkOptTol=0.000

[5/14/2024 16:44:19] EdgeLengthOpt=0

[5/14/2024 16:44:19] EdgeLengthFactor=0.667

[5/14/2024 16:44:19] DefaultDampThresh2d=0.005

[5/14/2024 16:44:19] MinSurfArea2d=100.000

[5/14/2024 16:44:19] EnergySwitch2d=1

[5/14/2024 16:44:19] IaTime=24.000

[5/14/2024 16:44:19] IncludeETManBasns=0

[5/14/2024 16:44:19] VertLayerSoln=0

[5/14/2024 16:44:19] RainOptManBasns=1

[5/14/2024 16:44:19] RainOptOF=1

[5/14/2024 16:44:19] RainName=~FLMOD

[5/14/2024 16:44:19] RainAmount=8.000

[5/14/2024 16:44:19] StormDur=24.000

[5/14/2024 16:44:19] DefaultDampThresh1D=0.005

[5/14/2024 16:44:19] MinNodeSurfArea1D=100.000

[5/14/2024 16:44:19] EnergySwitch1D=1

[5/14/2024 16:44:19] Comment=

[5/14/2024 16:44:19] 7 threads [8 cores detected]

[5/14/2024 16:44:19] SolutionMethod=SAOR

[5/14/2024 16:44:19] No \_ET.TXT

[5/14/2024 16:44:19] No \_EV.TXT

[5/14/2024 16:44:19] Reading Operating Tables

[5/14/2024 16:44:19] Reading Cross Sections

[5/14/2024 16:44:19] Reading 1D Nodes

[5/14/2024 16:44:19] Reading Overland Flow Nodes

[5/14/2024 16:44:19] Reading 1D Channels

[5/14/2024 16:44:19] Setting up channel ghost nodes

[5/14/2024 16:44:19] Reading Pipes

[5/14/2024 16:44:19] Reading Rating Curves

[5/14/2024 16:44:19] Reading Weirs

[5/14/2024 16:44:19] Reading Drop Structures

[5/14/2024 16:44:19] Reading Breaches

[5/14/2024 16:44:19] Reading Percs

[5/14/2024 16:44:19] Reading Overland Flow Channels

[5/14/2024 16:44:20] Reading Overland Flow Weirs

[5/14/2024 16:44:20] Setting up ghost nodes

[5/14/2024 16:44:20] Reading Manual Basins

[5/14/2024 16:44:20] Reading Overland Flow Basins

[5/14/2024 16:44:20] Sorting basins

[5/14/2024 16:44:20] Reading Basin Features

[5/14/2024 16:44:20] Reading Groundwater

[5/14/2024 16:44:20] Initializing threads

[5/14/2024 16:44:20] Build Complete

[5/14/2024 16:44:20] Total basin area=32.268

[5/14/2024 16:44:20] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:44:20]

[5/14/2024 16:44:20] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:44:20] Total Basin = 41

[5/14/2024 16:44:20] Direct Basin = 0

[5/14/2024 16:44:20] Manual NRCS Basin = 0

[5/14/2024 16:44:20] Manual SB Basin = 0

[5/14/2024 16:44:20] Mapped NRCS Basin = 0

[5/14/2024 16:44:20] Mapped SB Basin = 0

[5/14/2024 16:44:20] Simple NRCS Basin = 41

[5/14/2024 16:44:20] Simple SB Basin = 0

[5/14/2024 16:44:20] Total Basin Polygon = 41

[5/14/2024 16:44:20] Manual Basin Polygon = 0

[5/14/2024 16:44:20] Mapped Basin Polygon = 0

[5/14/2024 16:44:20] 2D Basin Polygon = 0

[5/14/2024 16:44:20] Crop = 0

[5/14/2024 16:44:20] Reference ET = 0

[5/14/2024 16:44:20] Rainfall = 1

[5/14/2024 16:44:20] Green Ampt Parameter = 0

[5/14/2024 16:44:20] Vert Layer Parameter = 0

[5/14/2024 16:44:20] Curve Number Parameter = 42

[5/14/2024 16:44:20] Imperviousness = 42

[5/14/2024 16:44:20]

[5/14/2024 16:44:20] --- Routing Counts -------------------------------------------------

[5/14/2024 16:44:20] Region = 0

[5/14/2024 16:44:20] Total Node = 69

[5/14/2024 16:44:20] 1D Stage Area = 65

[5/14/2024 16:44:20] 1D Time Stage = 4

[5/14/2024 16:44:20] 1D Drop Nodes = 0

[5/14/2024 16:44:20] 2D Stage Area = 0

[5/14/2024 16:44:20] 2D Time Stage = 0

[5/14/2024 16:44:20] 2D Pond Ghost = 0

[5/14/2024 16:44:20] 2D Chan Ghost = 0

[5/14/2024 16:44:20] 1D/2D Node Interfaces = 0

[5/14/2024 16:44:20] 1D/2D Injection Wells = 0

[5/14/2024 16:44:20] Total Link = 122

[5/14/2024 16:44:20] 1D Pipe = 40

[5/14/2024 16:44:20] 1D Drop Structure = 2

[5/14/2024 16:44:20] 1D French Drain = 0

[5/14/2024 16:44:20] 1D Channel = 0

[5/14/2024 16:44:20] 2D Channel = 0

[5/14/2024 16:44:20] 1D Weir = 78

[5/14/2024 16:44:20] 1D Drop Weir = 2

[5/14/2024 16:44:20] 2D Weir = 0

[5/14/2024 16:44:20] 1D Rating Curve = 0

[5/14/2024 16:44:20] 1D Percolation = 0

[5/14/2024 16:44:20] Cross Section = 56

[5/14/2024 16:44:20] Operating Table = 0

[5/14/2024 16:44:20]

[5/14/2024 16:44:20] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:44:20] Region = 0

[5/14/2024 16:44:20] Triangle = 0

[5/14/2024 16:44:20] Vertex = 0

[5/14/2024 16:44:20] Midpoint = 0

[5/14/2024 16:44:20] --------------------------------------------------------------------

[5/14/2024 16:44:20]

[5/14/2024 16:44:22] Processing Initial Link Flows...

[5/14/2024 16:44:22] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:44:24] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:24] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:24] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:24] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:24] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:24] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:44:25] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:09] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:09] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:17] Node N-S03 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:28] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:29] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:29] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:31] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:31] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:45:45] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:54] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:45:54] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:45:54] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:47:15] Conduit Optimizer Total Count=21203014 of 24796080

[5/14/2024 16:47:15] PC busted 80 of 276294

[5/14/2024 16:47:15] Average Iterations was 1.244

[5/14/2024 16:47:15] Average dt was 0.41056 sec

[5/14/2024 16:47:15] Revert count=13229

[5/14/2024 16:47:15]

[5/14/2024 16:47:15] ---- Timers -----------------------------

[5/14/2024 16:47:15] Total Time=173.181 sec

[5/14/2024 16:47:15] Basin Time=0.025 sec

[5/14/2024 16:47:15] BasinPoly Time=0.017 sec

[5/14/2024 16:47:15] Node Time=1.827 sec

[5/14/2024 16:47:15] Link Time=55.857 sec

[5/14/2024 16:47:15] Hydrology Output Time=33.262 sec

[5/14/2024 16:47:15] Groundwater Output Time=0.183 sec

[5/14/2024 16:47:15] Routing Output Time=49.698 sec

[5/14/2024 16:47:15] --- Thread Timers --------------------

[5/14/2024 16:47:15] Thread[0] Basin Time=0.024 sec

[5/14/2024 16:47:15] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:47:15] Thread[0] Node Time=1.169 sec

[5/14/2024 16:47:15] Thread[0] Link Time=38.371 sec

[5/14/2024 16:47:15] --- Thread Timers --------------------

[5/14/2024 16:47:16] Thread[1] Basin Time=0.015 sec

[5/14/2024 16:47:16] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:47:16] Thread[1] Node Time=1.199 sec

[5/14/2024 16:47:16] Thread[1] Link Time=43.772 sec

[5/14/2024 16:47:16] --- Thread Timers --------------------

[5/14/2024 16:47:16] Thread[2] Basin Time=0.016 sec

[5/14/2024 16:47:16] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:47:16] Thread[2] Node Time=1.226 sec

[5/14/2024 16:47:16] Thread[2] Link Time=28.313 sec

[5/14/2024 16:47:16] --- Thread Timers --------------------

[5/14/2024 16:47:16] Thread[3] Basin Time=0.015 sec

[5/14/2024 16:47:16] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:47:16] Thread[3] Node Time=1.232 sec

[5/14/2024 16:47:16] Thread[3] Link Time=26.054 sec

[5/14/2024 16:47:16] --- Thread Timers --------------------

[5/14/2024 16:47:16] Thread[4] Basin Time=0.014 sec

[5/14/2024 16:47:16] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:47:16] Thread[4] Node Time=1.111 sec

[5/14/2024 16:47:16] Thread[4] Link Time=35.969 sec

[5/14/2024 16:47:16] --- Thread Timers --------------------

[5/14/2024 16:47:16] Thread[5] Basin Time=0.016 sec

[5/14/2024 16:47:16] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:47:16] Thread[5] Node Time=1.138 sec

[5/14/2024 16:47:16] Thread[5] Link Time=27.751 sec

[5/14/2024 16:47:16] --- Thread Timers --------------------

[5/14/2024 16:47:16] Thread[6] Basin Time=0.013 sec

[5/14/2024 16:47:16] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:47:16] Thread[6] Node Time=1.045 sec

[5/14/2024 16:47:16] Thread[6] Link Time=38.075 sec