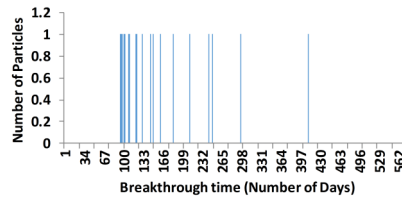
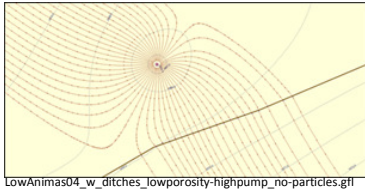


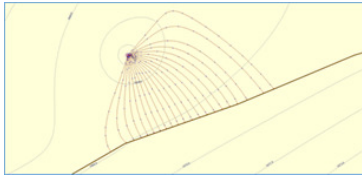
21m174km well analysis

Tuesday, September 20, 2016 2:53 PM



Microsoft Excel Spreadsheet

BreakthruTimes_LowAnimas04hi-pump-lo-porosity.xlsx



[BreakthruTimes_LowAnimas04hi-pump-lo-porosity \(2\)](#)

GFlow capture zone and solute breakthrough histogram for lower Animas community well (21m174km). GFlow analysis of Lower Animas River community well (21m-174km), high pumping ($Q_w=817.6$ m³/d) and low porosity ($n=0.25$). (a) capture zone delineation with 48 reverse streamlines; (b) particle tracking with 21 forward pathlines; (c) time of arrival breakthrough (days) are reported in a histogram, with a particle arriving in 94 days. Breakthrough time with same pumping but higher porosity ($n=0.35$) has a particle arriving in 131 days. Suggested peak river concentration is diluted to about 2% (1/48). Flushing of the aquifer in about 565 days. Note that advective transport is steady (time invariant pumping and hydrology) and does not account for dispersion, sorption, or decay of solute.

GFlow project file.

LowAnimas04_w_ditches_lowporosity-highpump.gfl

The figure created in Powerpoint below (see slide 8).

[Storyboard Chapter 9 potential GW effects2](#)

[LowAnimas04_w_ditches_lowporosity-highpump](#)

Model Settings (F1 for Help)

Aquifer | Contouring | Tracing | Solver | Scenarios

Aquifer Properties

Base Elevation: 1600 meters

Thickness: 100 meters

Hydraulic Conductivity: 0.035 meters/day

Porosity: 0.25 [dimensionless]

Interface Flow

☐ Add a Saltwater Interface

Fresh Water Specific Gravity: 1 Average Sea Level

Salt Water Specific Gravity: 1.035 0 meters

OK Cancel

Well Properties (F1 for Help)

Label: 21m-174km

General | 3-D Geometry | Transient Well | Other

☐ Head-Specified

☒ Discharge-Specified

X coordinate: 225455 meters

Y coordinate: 4076144 meters

Discharge: 817.6 m³/day

Radius: 1 meters

OK Cancel

Inhomogeneity Properties (F1 for Help)

Label: floodplain_alluvium

General | Scenarios

☒ Change hydraulic conductivity from default

Conductivity: 22 m/day

☒ Change recharge rate from default

Added Recharge Rate: 0.00522 m/day

☐ Change porosity from default

Porosity: 0.2

☐ Change base elevation from default

Base Elevation: 0 meters

☐ Provide estimate of average head

Average Head: 1700 meters

Color: Inhomogeneity Color

OK Cancel

GFlow input data file

LowAnimas04_w_ditches_lowporosity-highpump_no_particles.dat

GFlow input data file

LowAnimas04_w_ditches_lowporosity-highpump.dat

* Written by GFlow for Windows 2.2.2

error error.log

yes

message message.log

yes

echo echo.log

yes

picture off

quit

bfname loanimas

modelorigin 212879.53 4067389.94 2

title loanimas

aquifer

base 1.60000E+03

permeability 3.5000000E-02

thickness 1.0000000E+02

porosity 2.5000000E-01

reference 1.5493865E+05 1.5466077E+05 1.6753575E+03

quit

layout

window 6916.30 5636.27 10453.85 7329.35

quit

inhomogeneity

transmissivity -9.99900E+03 -9.99900E+03 -9.99900E+03 0.0000000E+00 -9.99900E+03 IN_000024_0000

1.739379E+04 1.154747E+04 IN_000024_0001

1.716153E+04 1.233134E+04 IN_000024_0101

1.716153E+04 1.352166E+04 IN_000024_0201

1.704540E+04 1.439263E+04 IN_000024_0301

1.698734E+04 1.546683E+04 IN_000024_0401

1.655185E+04 1.657005E+04 IN_000024_0501

1.553572E+04 1.732489E+04 IN_000024_0601

1.504217E+04 1.790554E+04 IN_000024_0701

1.457766E+04 1.831199E+04 IN_000024_0801

1.454862E+04 1.895070E+04 IN_000024_0901

1.408411E+04 1.979263E+04 IN_000024_1001

1.370669E+04 1.999586E+04 IN_000024_1101

1.309701E+04 2.002489E+04 IN_000024_1201

1.245830E+04 1.953134E+04 IN_000024_1301

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reference 1.5493865E+05 1.5466077E+05 1.6753575E+03

quit

layout

window 12326.02 8603.42 12882.89 8869.93

quit

inhomogeneity

transmissivity -9.99900E+03 -9.99900E+03 -9.99900E+03 0.0000000E+00 -9.99900E+03 IN_000024_0000

1.739379E+04 1.154747E+04 IN_000024_0001

1.716153E+04 1.233134E+04 IN_000024_0101

1.716153E+04 1.352166E+04 IN_000024_0201

1.704540E+04 1.439263E+04 IN_000024_0301

1.698734E+04 1.546683E+04 IN_000024_0401

1.655185E+04 1.657005E+04 IN_000024_0501

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1.245830E+04 1.953134E+04 IN_000024_1301

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1.809920E+03 7.180200E+02 IN_000024_4801
2.280900E+03 2.240600E+02 IN_000024_4901
3.423110E+03 2.793300E+02 IN_000024_5001
3.994210E+03 6.201500E+02 IN_000024_5101
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1.765508E+04 1.105392E+04 IN_000024_8001
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1.229359E+04 1.031053E+04 IN_000027_4301
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1.209212E+04 1.056236E+04 IN_000027_4501
1.214248E+04 1.099049E+04 IN_000027_4601

1.345204E+04 1.071347E+04 IN_000027_3601
1.284763E+04 1.043645E+04 IN_000027_3701
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1.214248E+04 1.038608E+04 IN_000027_4001
1.209212E+04 1.056236E+04 IN_000027_4101
1.214248E+04 1.099049E+04 IN_000027_4201
1.214248E+04 1.131788E+04 IN_000027_4301
1.211730E+04 1.174600E+04 IN_000027_4401
1.206693E+04 1.202302E+04 IN_000027_4501
1.189065E+04 1.199784E+04 IN_000027_4601
1.178991E+04 1.179637E+04 IN_000027_4701
1.171436E+04 1.136824E+04 IN_000027_4801
1.176473E+04 1.096530E+04 IN_000027_4901
1.158844E+04 1.078902E+04 IN_000027_5001
1.138697E+04 1.058755E+04 IN_000027_5101
1.132401E+04 1.071347E+04 IN_000027_5151
1.129693E+04 1.076667E+04 IN_000027_5201
1.116032E+04 1.110381E+04 IN_000027_5251
1.105958E+04 1.136824E+04 IN_000027_5301
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quit

inhomogeneity

slurry inside 0.0000000E+00 1.0000000E+00 2.0000000E-01 0.0000000E+00 HB_000025_0000

1.296800E+04 2.014010E+04 HB_000025_0001
1.225344E+04 1.953140E+04 HB_000025_0101
1.190939E+04 1.913442E+04 HB_000025_0201
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9.104070E+03 1.622324E+04 HB_000025_1201
9.051140E+03 1.595858E+04 HB_000025_1301
8.945280E+03 1.579979E+04 HB_000025_1401
8.548300E+03 1.561454E+04 HB_000025_1501
8.415970E+03 1.521756E+04 HB_000025_1601
8.283640E+03 1.466178E+04 HB_000025_1701
8.204250E+03 1.434420E+04 HB_000025_1801
7.754340E+03 1.415894E+04 HB_000025_1901
7.648480E+03 1.405308E+04 HB_000025_2001
7.569080E+03 1.362964E+04 HB_000025_2101
7.516150E+03 1.304740E+04 HB_000025_2201
7.383820E+03 1.249163E+04 HB_000025_2301
7.383820E+03 1.183000E+04 HB_000025_2401
7.410290E+03 1.138009E+04 HB_000025_2501
7.039770E+03 1.114190E+04 HB_000025_2601
6.536930E+03 1.100957E+04 HB_000025_2701
6.272280E+03 1.079785E+04 HB_000025_2801
5.901760E+03 1.037441E+04 HB_000025_2901
5.84180E+03 1.008329E+04 HB_000025_3001
5.134270E+03 9.659840E+03 HB_000025_3101
4.657900E+03 9.368720E+03 HB_000025_3201
4.419710E+03 9.236400E+03 HB_000025_3301

1.086840E+03 1.748070E+03 IN_000027_12301
1.217390E+03 1.620720E+03 IN_000027_12351
1.389040E+03 1.471050E+03 IN_000027_12401
1.540145E+03 1.294765E+03 IN_000027_12451
1.691250E+03 1.118480E+03 IN_000027_12501
2.094190E+03 6.903500E+02 IN_000027_12601
2.396390E+03 4.385200E+02 IN_000027_12701
2.799330E+03 4.133300E+02 IN_000027_12801
3.328190E+03 4.637000E+02 IN_000027_12901
3.705940E+03 5.896200E+02 IN_000027_13001
3.882230E+03 9.673700E+02 IN_000027_13101
3.957780E+03 1.471050E+03 IN_000027_13201
3.982960E+03 1.848800E+03 IN_000027_13301
4.259980E+03 2.075460E+03 IN_000027_13401
4.374840E+03 2.568840E+03 IN_000027_13501
4.916400E+03 3.120710E+03 IN_000027_13601
5.267120E+03 3.651950E+03 IN_000027_13701
5.715250E+03 4.118430E+03 IN_000027_13801
6.291510E+03 4.281280E+03 IN_000027_13901
6.851540E+03 4.804730E+03 IN_000027_14001
7.071905E+03 4.965550E+03 IN_000027_14051
7.292270E+03 5.126370E+03 IN_000027_14101
7.490380E+03 5.140530E+03 IN_000027_14126
7.745090E+03 5.204200E+03 IN_000027_14151
7.827155E+03 5.366513E+03 IN_000027_14176
8.005450E+03 5.446560E+03 IN_000027_14201
8.344570E+03 5.677840E+03 IN_000027_14301
9.083390E+03 6.076300E+03 IN_000027_14401
9.397460E+03 6.432240E+03 IN_000027_14501
9.647890E+03 6.815130E+03 IN_000027_14601
9.862098E+03 6.956465E+03 IN_000027_14626
1.007631E+04 7.097800E+03 IN_000027_14651
1.029051E+04 7.239135E+03 IN_000027_14676
1.050472E+04 7.380470E+03 IN_000027_14701
1.063105E+04 7.435210E+03 IN_000027_14751
1.075738E+04 7.489950E+03 IN_000027_14801
1.099687E+04 7.529050E+03 IN_000027_14901
1.131142E+04 7.842520E+03 IN_000027_15001
1.171909E+04 8.126750E+03 IN_000027_15101
1.198833E+04 8.065560E+03 IN_000027_15151
1.216910E+04 8.208280E+03 IN_000027_15201
1.246879E+04 8.298660E+03 IN_000027_15251
1.263053E+04 8.365260E+03 IN_000027_15301
1.304910E+04 8.119550E+03 IN_000027_15401
1.335275E+04 8.018260E+03 IN_000027_15451
1.357795E+04 7.943260E+03 IN_000027_15501
1.375120E+04 7.918785E+03 IN_000027_15551
1.392445E+04 7.894310E+03 IN_000027_15601
1.423273E+04 7.565500E+03 IN_000027_15701
1.450975E+04 7.238120E+03 IN_000027_15801
1.468604E+04 6.961100E+03 IN_000027_15901
1.503374E+04 6.946080E+03 IN_000027_16001
1.518592E+04 6.499040E+03 IN_000027_16101
1.542371E+04 6.375390E+03 IN_000027_16201
1.558065E+04 6.527580E+03 IN_000027_16301
1.582320E+04 6.670250E+03 IN_000027_16401
1.599559E+04 6.885540E+03 IN_000027_16501
1.576137E+04 7.131560E+03 IN_000027_16601
1.590404E+04 7.469220E+03 IN_000027_16701
1.608001E+04 7.559580E+03 IN_000027_16801
1.639853E+04 7.464770E+03 IN_000027_16901
1.700294E+04 7.615870E+03 IN_000027_17001
1.714054E+04 8.168310E+03 IN_000027_17101
1.725477E+04 8.472120E+03 IN_000027_17201
1.722959E+04 8.824690E+03 IN_000027_17301
1.727996E+04 9.076530E+03 IN_000027_17401
1.755698E+04 9.227630E+03 IN_000027_17501
1.785918E+04 9.126890E+03 IN_000027_17601
1.802288E+04 8.975790E+03 IN_000027_17651
1.818657E+04 8.824690E+03 IN_000027_17701
1.829619E+04 8.800830E+03 IN_000027_17751
1.833767E+04 8.900240E+03 IN_000027_17801
1.804889E+04 9.309690E+03 IN_000027_17901
1.778257E+04 9.595040E+03 IN_000027_18001
1.735551E+04 9.857220E+03 IN_000027_18101
1.710367E+04 1.015943E+04 IN_000027_18201
1.740588E+04 1.038608E+04 IN_000027_18301
1.760455E+04 1.059675E+04 IN_000027_18401
1.755698E+04 1.111641E+04 IN_000027_18501
1.734353E+04 1.151885E+04 IN_000027_18551
1.724545E+04 1.169308E+04 IN_000027_18601
1.707722E+04 1.202555E+04 IN_000027_18701

quit

inhomogeneity

slurry inside 0.0000000E+00 1.0000000E+00 2.0000000E-01 0.0000000E+00 HB_000025_0000

1.296800E+04 2.014010E+04 HB_000025_0001
1.225344E+04 1.953140E+04 HB_000025_0101
1.190939E+04 1.913442E+04 HB_000025_0201
1.182999E+04 1.876391E+04 HB_000025_0301
1.180353E+04 1.828753E+04 HB_000025_0401
1.164474E+04 1.786409E+04 HB_000025_0501
1.148594E+04 1.765236E+04 HB_000025_0601
1.095664E+04 1.733478E+04 HB_000025_0701
1.045380E+04 1.707013E+04 HB_000025_0801
1.005682E+04 1.691134E+04 HB_000025_0901
9.580440E+03 1.672608E+04 HB_000025_1001
9.289320E+03 1.659375E+04 HB_000025_1101
9.104070E+03 1.622324E+04 HB_000025_1201
9.051140E+03 1.595858E+04 HB_000025_1301
8.945280E+03 1.579979E+04 HB_000025_1401
8.548300E+03 1.561454E+04 HB_000025_1501
8.415970E+03 1.521756E+04 HB_000025_1601
8.283640E+03 1.466178E+04 HB_000025_1701
8.204250E+03 1.434420E+04 HB_000025_1801
7.754340E+03 1.415894E+04 HB_000025_1901
7.648480E+03 1.405308E+04 HB_000025_2001
7.569080E+03 1.362964E+04 HB_000025_2101
7.516150E+03 1.304740E+04 HB_000025_2201
7.383820E+03 1.249163E+04 HB_000025_2301
7.383820E+03 1.183000E+04 HB_000025_2401
7.410290E+03 1.138009E+04 HB_000025_2501
7.039770E+03 1.114190E+04 HB_000025_2601
6.536930E+03 1.100957E+04 HB_000025_2701
6.272280E+03 1.079785E+04 HB_000025_2801
5.901760E+03 1.037441E+04 HB_000025_2901
5.84180E+03 1.008329E+04 HB_000025_3001
5.134270E+03 9.659840E+03 HB_000025_3101
4.657900E+03 9.368720E+03 HB_000025_3201
4.419710E+03 9.236400E+03 HB_000025_3301
4.31850E+03 8.839420E+03 HB_000025_3401

Groundwater Page 5

88.304700E+02 7.300060E+03 1.51400E+00 1.00000E-01 WL_001860
82.004700E+02 7.290060E+03 1.51400E+00 1.00000E-01 WL_001861
85.134700E+02 6.010060E+03 1.51400E+00 1.00000E-01 WL_001862
76.574700E+02 6.930060E+03 1.51400E+00 1.00000E-01 WL_001863
72.964700E+02 6.630060E+03 1.51400E+00 1.00000E-01 WL_001864
67.874700E+02 6.030060E+03 1.51400E+00 1.00000E-01 WL_001865
72.164700E+02 6.350060E+03 1.51400E+00 1.00000E-01 WL_001866
12.612470E+03 8.822060E+03 8.17600E+02 1.00000E+00 WL_001867
12.575470E+03 8.754060E+03 8.17600E+02 1.00000E+00 WL_001868
12.612470E+03 8.848060E+03 8.17600E+02 1.00000E+00 WL_001869
14.788170E+03 9.613020E+03 6.81400E+02 1.00000E+00 WL_001870
86.719700E+02 6.590620E+03 5.45100E+02 1.00000E+00 WL_001871
quit
linesink
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
8.858080E+03 8.012630E+03 8.871570E+03 7.998230E+03 1.68004E+03 LS_000030_0101
8.871570E+03 7.998230E+03 8.882370E+03 7.908280E+03 1.67973E+03 LS_000030_0201
8.882370E+03 7.908280E+03 8.847290E+03 7.820120E+03 1.67920E+03 LS_000030_0301
8.847290E+03 7.820120E+03 8.818500E+03 7.749060E+03 1.67872E+03 LS_000030_0401
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
8.966030E+03 7.744560E+03 8.906660E+03 7.737370E+03 1.67988E+03 LS_000031_0101
8.906660E+03 7.737370E+03 8.839190E+03 7.730170E+03 1.67919E+03 LS_000031_0201
8.839190E+03 7.730170E+03 8.817600E+03 7.750860E+03 1.67866E+03 LS_000031_0301
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
9.319830E+03 7.859120E+03 9.180370E+03 7.793680E+03 1.68044E+03 LS_000032_0101
9.180370E+03 7.793680E+03 8.964740E+03 7.744330E+03 1.68029E+03 LS_000032_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
9.613780E+03 8.276440E+03 9.531170E+03 8.123030E+03 1.68266E+03 LS_000033_0101
9.531170E+03 8.123030E+03 9.390640E+03 7.955670E+03 1.68166E+03 LS_000033_0201
9.390640E+03 7.955670E+03 9.320900E+03 7.860190E+03 1.68080E+03 LS_000033_0301
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
9.617000E+03 8.276440E+03 9.632020E+03 8.266780E+03 1.68306E+03 LS_000034_0101
9.632020E+03 8.266780E+03 9.653470E+03 8.211000E+03 1.68290E+03 LS_000034_0201
9.653470E+03 8.211000E+03 9.781130E+03 8.266780E+03 1.68249E+03 LS_000034_0301
9.781130E+03 8.266780E+03 9.827270E+03 8.242110E+03 1.68209E+03 LS_000034_0401
9.827270E+03 8.242110E+03 9.974240E+03 8.311840E+03 1.68164E+03 LS_000034_0501
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.004519E+04 8.465140E+03 1.005421E+04 8.403290E+03 1.68197E+03 LS_000035_0101
1.005421E+04 8.403290E+03 9.973040E+03 8.309240E+03 1.68157E+03 LS_000035_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.004519E+04 8.463850E+03 1.010961E+04 8.461270E+03 1.67904E+03 LS_000036_0101
1.010961E+04 8.461270E+03 1.016112E+04 8.446710E+03 1.67344E+03 LS_000036_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.019883E+04 8.430050E+03 1.018317E+04 8.442450E+03 1.67931E+03 LS_000037_0101
1.018317E+04 8.442450E+03 1.016112E+04 8.446710E+03 1.67381E+03 LS_000037_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.019975E+04 8.431140E+03 1.038221E+04 8.523130E+03 1.68134E+03 LS_000038_0101
1.038221E+04 8.523130E+03 1.053150E+04 8.701820E+03 1.68015E+03 LS_000038_0201
1.053150E+04 8.701820E+03 1.067023E+04 8.814910E+03 1.67903E+03 LS_000038_0301
1.067023E+04 8.814910E+03 1.077956E+04 8.896340E+03 1.67817E+03 LS_000038_0401
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.112443E+04 9.165510E+03 1.110190E+04 9.160080E+03 1.68248E+03 LS_000039_0051
1.110190E+04 9.160080E+03 1.107937E+04 9.154650E+03 1.68224E+03 LS_000039_0101
1.107937E+04 9.154650E+03 1.103290E+04 9.084530E+03 1.68167E+03 LS_000039_0151
1.103290E+04 9.084530E+03 1.098643E+04 9.014410E+03 1.68079E+03 LS_000039_0201
1.098643E+04 9.014410E+03 1.081057E+04 8.896420E+03 1.67924E+03 LS_000039_0301
1.081057E+04 8.896420E+03 1.077940E+04 8.896980E+03 1.67796E+03 LS_000039_0401
head
resistance 0
width 0.000000E+00 0
depth 0.000000E+00
1.112358E+04 9.165510E+03 1.115745E+04 9.214620E+03 1.68260E+03 LS_000040_0101
1.115745E+04 9.214620E+03 1.119980E+04 9.281520E+03 1.68260E+03 LS_000040_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.144466E+04 9.230100E+03 1.133469E+04 9.249890E+03 1.68276E+03 LS_000041_0101
1.133469E+04 9.249890E+03 1.120149E+04 9.282370E+03 1.68266E+03 LS_000041_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.162722E+04 9.287290E+03 1.154144E+04 9.276290E+03 1.68954E+03 LS_000042_0101
1.154144E+04 9.276290E+03 1.144466E+04 9.234500E+03 1.68519E+03 LS_000042_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.163162E+04 9.289490E+03 1.187136E+04 9.320280E+03 1.68306E+03 LS_000043_0101
1.187136E+04 9.320280E+03 1.210011E+04 9.300480E+03 1.68201E+03 LS_000043_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.209351E+04 9.302680E+03 1.225187E+04 9.298280E+03 1.68344E+03 LS_000044_0101
1.225187E+04 9.298280E+03 1.231345E+04 9.335670E+03 1.68320E+03 LS_000044_0201
1.231345E+04 9.335670E+03 1.235524E+04 9.384060E+03 1.68307E+03 LS_000044_0301
1.235524E+04 9.384060E+03 1.243882E+04 9.432450E+03 1.68290E+03 LS_000044_0401
1.243882E+04 9.432450E+03 1.246522E+04 9.476440E+03 1.68275E+03 LS_000044_0501
quit

82.004700E+02 7.290060E+03 1.51400E+00 1.00000E-01 WL_001861
85.134700E+02 6.010060E+03 1.51400E+00 1.00000E-01 WL_001862
76.574700E+02 6.930060E+03 1.51400E+00 1.00000E-01 WL_001863
72.964700E+02 6.630060E+03 1.51400E+00 1.00000E-01 WL_001864
67.874700E+02 6.030060E+03 1.51400E+00 1.00000E-01 WL_001865
72.164700E+02 6.350060E+03 1.51400E+00 1.00000E-01 WL_001866
12.612470E+03 8.822060E+03 8.17600E+02 1.00000E+00 WL_001867
12.575470E+03 8.754060E+03 8.17600E+02 1.00000E+00 WL_001868
12.612470E+03 8.848060E+03 8.17600E+02 1.00000E+00 WL_001869
14.788170E+03 9.613020E+03 6.81400E+02 1.00000E+00 WL_001870
86.719700E+02 6.590620E+03 5.45100E+02 1.00000E+00 WL_001871
quit
linesink
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
8.858080E+03 8.012630E+03 8.871570E+03 7.998230E+03 1.68004E+03 LS_000030_0101
8.871570E+03 7.998230E+03 8.882370E+03 7.908280E+03 1.67973E+03 LS_000030_0201
8.882370E+03 7.908280E+03 8.847290E+03 7.820120E+03 1.67920E+03 LS_000030_0301
8.847290E+03 7.820120E+03 8.818500E+03 7.749060E+03 1.67872E+03 LS_000030_0401
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
8.966030E+03 7.744560E+03 8.906660E+03 7.737370E+03 1.67988E+03 LS_000031_0101
8.906660E+03 7.737370E+03 8.839190E+03 7.730170E+03 1.67919E+03 LS_000031_0201
8.839190E+03 7.730170E+03 8.817600E+03 7.750860E+03 1.67866E+03 LS_000031_0301
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
9.319830E+03 7.859120E+03 9.180370E+03 7.793680E+03 1.68044E+03 LS_000032_0101
9.180370E+03 7.793680E+03 8.964740E+03 7.744330E+03 1.68029E+03 LS_000032_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
9.613780E+03 8.276440E+03 9.531170E+03 8.123030E+03 1.68266E+03 LS_000033_0101
9.531170E+03 8.123030E+03 9.390640E+03 7.955670E+03 1.68166E+03 LS_000033_0201
9.390640E+03 7.955670E+03 9.320900E+03 7.860190E+03 1.68080E+03 LS_000033_0301
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
9.617000E+03 8.276440E+03 9.632020E+03 8.266780E+03 1.68306E+03 LS_000034_0101
9.632020E+03 8.266780E+03 9.653470E+03 8.211000E+03 1.68290E+03 LS_000034_0201
9.653470E+03 8.211000E+03 9.781130E+03 8.266780E+03 1.68249E+03 LS_000034_0301
9.781130E+03 8.266780E+03 9.827270E+03 8.242110E+03 1.68209E+03 LS_000034_0401
9.827270E+03 8.242110E+03 9.974240E+03 8.311840E+03 1.68164E+03 LS_000034_0501
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.004519E+04 8.465140E+03 1.005421E+04 8.403290E+03 1.68197E+03 LS_000035_0101
1.005421E+04 8.403290E+03 9.973040E+03 8.309240E+03 1.68157E+03 LS_000035_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.004519E+04 8.463850E+03 1.010961E+04 8.461270E+03 1.67904E+03 LS_000036_0101
1.010961E+04 8.461270E+03 1.016112E+04 8.446710E+03 1.67344E+03 LS_000036_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.019883E+04 8.430050E+03 1.018317E+04 8.442450E+03 1.67931E+03 LS_000037_0101
1.018317E+04 8.442450E+03 1.016112E+04 8.446710E+03 1.67381E+03 LS_000037_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.019975E+04 8.431140E+03 1.038221E+04 8.523130E+03 1.68134E+03 LS_000038_0101
1.038221E+04 8.523130E+03 1.053150E+04 8.701820E+03 1.68015E+03 LS_000038_0201
1.053150E+04 8.701820E+03 1.067023E+04 8.814910E+03 1.67903E+03 LS_000038_0301
1.067023E+04 8.814910E+03 1.077956E+04 8.896340E+03 1.67817E+03 LS_000038_0401
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.112443E+04 9.165510E+03 1.110190E+04 9.160080E+03 1.68248E+03 LS_000039_0051
1.110190E+04 9.160080E+03 1.107937E+04 9.154650E+03 1.68224E+03 LS_000039_0101
1.107937E+04 9.154650E+03 1.103290E+04 9.084530E+03 1.68167E+03 LS_000039_0151
1.103290E+04 9.084530E+03 1.098643E+04 9.014410E+03 1.68079E+03 LS_000039_0201
1.098643E+04 9.014410E+03 1.081057E+04 8.896420E+03 1.67924E+03 LS_000039_0301
1.081057E+04 8.896420E+03 1.077940E+04 8.896980E+03 1.67796E+03 LS_000039_0401
head
resistance 0
width 0.000000E+00 0
depth 0.000000E+00
1.112358E+04 9.165510E+03 1.115745E+04 9.214620E+03 1.68260E+03 LS_000040_0101
1.115745E+04 9.214620E+03 1.119980E+04 9.281520E+03 1.68260E+03 LS_000040_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.144466E+04 9.230100E+03 1.133469E+04 9.249890E+03 1.68276E+03 LS_000041_0101
1.133469E+04 9.249890E+03 1.120149E+04 9.282370E+03 1.68266E+03 LS_000041_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.162722E+04 9.287290E+03 1.154144E+04 9.276290E+03 1.68954E+03 LS_000042_0101
1.154144E+04 9.276290E+03 1.144466E+04 9.234500E+03 1.68519E+03 LS_000042_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.163162E+04 9.289490E+03 1.187136E+04 9.320280E+03 1.68306E+03 LS_000043_0101
1.187136E+04 9.320280E+03 1.210011E+04 9.300480E+03 1.68201E+03 LS_000043_0201
head
resistance 0
width 0.000000E+00 1
depth 0.000000E+00
1.209351E+04 9.302680E+03 1.225187E+04 9.298280E+03 1.68344E+03 LS_000044_0101
1.225187E+04 9.298280E+03 1.231345E+04 9.335670E+03 1.68320E+03 LS_000044_0201
1.231345E+04 9.335670E+03 1.235524E+04 9.384060E+03 1.68307E+03 LS_000044_0301
1.235524E+04 9.384060E+03 1.243882E+04 9.432450E+03 1.68290E+03 LS_000044_0401
1.243882E+04 9.432450E+03 1.246522E+04 9.476440E+03 1.68275E+03 LS_000044_0501
head

Groundwater Page 7

Groundwater Page 8

Groundwater Page 9

resistance 0

Groundwater Page 10

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.584850E+04 1.145062E+04 1.579605E+04 1.145062E+04 1.70246E+03 LS_000098_0101
1.579605E+04 1.145062E+04 1.575493E+04 1.144920E+04 1.70239E+03 LS_000098_0201
1.575493E+04 1.144920E+04 1.567696E+04 1.144637E+04 1.70230E+03 LS_000098_0301
1.567696E+04 1.144637E+04 1.559615E+04 1.140384E+04 1.70217E+03 LS_000098_0401
1.559615E+04 1.140384E+04 1.552526E+04 1.138824E+04 1.70204E+03 LS_000098_0501
1.552526E+04 1.138824E+04 1.547139E+04 1.140667E+04 1.70194E+03 LS_000098_0601
1.547139E+04 1.140667E+04 1.538916E+04 1.142794E+04 1.70183E+03 LS_000098_0701
1.538916E+04 1.142794E+04 1.532395E+04 1.144211E+04 1.70172E+03 LS_000098_0801
1.532395E+04 1.144211E+04 1.527008E+04 1.144779E+04 1.70162E+03 LS_000098_0901
1.527008E+04 1.144779E+04 1.523605E+04 1.143503E+04 1.70156E+03 LS_000098_1001
1.523605E+04 1.143503E+04 1.517367E+04 1.139675E+04 1.70147E+03 LS_000098_1101
1.517367E+04 1.139675E+04 1.511554E+04 1.132303E+04 1.70134E+03 LS_000098_1201
1.511554E+04 1.132303E+04 1.504182E+04 1.125639E+04 1.70120E+03 LS_000098_1301
1.504182E+04 1.125639E+04 1.493408E+04 1.124222E+04 1.70104E+03 LS_000098_1401
1.493408E+04 1.124222E+04 1.485752E+04 1.129184E+04 1.70088E+03 LS_000098_1501
1.485752E+04 1.129184E+04 1.481924E+04 1.131027E+04 1.70078E+03 LS_000098_1601
1.481924E+04 1.131027E+04 1.478805E+04 1.130743E+04 1.70072E+03 LS_000098_1701

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.584576E+04 1.145126E+04 1.592620E+04 1.150443E+04 1.70390E+03 LS_000099_0101
1.592620E+04 1.150443E+04 1.613615E+04 1.140081E+04 1.70354E+03 LS_000099_0201
1.613615E+04 1.140081E+04 1.622477E+04 1.138309E+04 1.70319E+03 LS_000099_0301
1.622477E+04 1.138309E+04 1.629566E+04 1.143626E+04 1.70299E+03 LS_000099_0401
1.629566E+04 1.143626E+04 1.637746E+04 1.151124E+04 1.70278E+03 LS_000099_0501
1.637746E+04 1.151124E+04 1.643745E+04 1.155214E+04 1.70258E+03 LS_000099_0601

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.644018E+04 1.155214E+04 1.652607E+04 1.157805E+04 1.70410E+03 LS_000100_0101
1.652607E+04 1.157805E+04 1.670875E+04 1.159168E+04 1.70408E+03 LS_000100_0201
1.670875E+04 1.159168E+04 1.679192E+04 1.160531E+04 1.70407E+03 LS_000100_0301
1.679192E+04 1.160531E+04 1.684509E+04 1.158214E+04 1.70406E+03 LS_000100_0401
1.684509E+04 1.158214E+04 1.687644E+04 1.165030E+04 1.70405E+03 LS_000100_0501
1.687644E+04 1.165030E+04 1.685190E+04 1.181390E+04 1.70404E+03 LS_000100_0601
1.685190E+04 1.181390E+04 1.685463E+04 1.193251E+04 1.70402E+03 LS_000100_0701
1.685463E+04 1.193251E+04 1.689826E+04 1.202113E+04 1.70401E+03 LS_000100_0801
1.689826E+04 1.202113E+04 1.695279E+04 1.205658E+04 1.70400E+03 LS_000100_0901

head

resistance 0

width 0.000000E+00 1

depth 0.000000E+00

1.672239E+04 1.116424E+04 1.659423E+04 1.115879E+04 1.69262E+03 LS_000101_0101
1.659423E+04 1.115879E+04 1.632157E+04 1.113970E+04 1.69175E+03 LS_000101_0201
1.632157E+04 1.113970E+04 1.621523E+04 1.108517E+04 1.69090E+03 LS_000101_0301
1.621523E+04 1.108517E+04 1.600527E+04 1.090521E+04 1.69005E+03 LS_000101_0401
1.600527E+04 1.090521E+04 1.577078E+04 1.083431E+04 1.68892E+03 LS_000101_0501
1.577078E+04 1.083431E+04 1.562081E+04 1.074706E+04 1.68802E+03 LS_000101_0601
1.562081E+04 1.074706E+04 1.552811E+04 1.074161E+04 1.68744E+03 LS_000101_0701
1.552811E+04 1.074161E+04 1.543813E+04 1.071707E+04 1.68704E+03 LS_000101_0801
1.543813E+04 1.071707E+04 1.529361E+04 1.056710E+04 1.68638E+03 LS_000101_0901
1.529361E+04 1.056710E+04 1.507821E+04 1.046349E+04 1.68542E+03 LS_000101_1001

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.217692E+04 1.028686E+04 1.216504E+04 1.017858E+04 1.70082E+03 LS_000102_0101
1.216504E+04 1.017858E+04 1.220069E+04 1.003333E+04 1.69826E+03 LS_000102_0201
1.220069E+04 1.003333E+04 1.224163E+04 9.905250E+03 1.69544E+03 LS_000102_0301
1.224163E+04 9.905250E+03 1.224031E+04 9.750760E+03 1.69258E+03 LS_000102_0401
1.224031E+04 9.750760E+03 1.225087E+04 9.511760E+03 1.68867E+03 LS_000102_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.165931E+04 1.030931E+04 1.186530E+04 1.038457E+04 1.69930E+03 LS_000103_0101
1.186530E+04 1.038457E+04 1.199999E+04 1.032119E+04 1.69829E+03 LS_000103_0201
1.199999E+04 1.032119E+04 1.212939E+04 1.026177E+04 1.69749E+03 LS_000103_0301

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

7.948330E+03 6.316620E+03 7.295170E+03 6.138490E+03 1.64779E+03 LS_000104_0101
7.295170E+03 6.138490E+03 7.100060E+03 5.971660E+03 1.64764E+03 LS_000104_0201
7.100060E+03 5.971660E+03 7.074620E+03 5.674770E+03 1.64754E+03 LS_000104_0301
7.074620E+03 5.674770E+03 6.941720E+03 5.660630E+03 1.64747E+03 LS_000104_0401
6.941720E+03 5.660630E+03 6.786210E+03 5.669110E+03 1.64743E+03 LS_000104_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

6.774900E+03 5.666290E+03 6.636350E+03 5.448560E+03 1.64716E+03 LS_000105_0101
6.636350E+03 5.448560E+03 6.415800E+03 5.352430E+03 1.64671E+03 LS_000105_0201
6.415800E+03 5.352430E+03 6.325310E+03 5.338290E+03 1.64640E+03 LS_000105_0301
6.325310E+03 5.338290E+03 6.183940E+03 5.191260E+03 1.64613E+03 LS_000105_0401
6.183940E+03 5.191260E+03 6.124560E+03 4.982020E+03 1.64574E+03 LS_000105_0501
6.124560E+03 4.982020E+03 5.836150E+03 4.843470E+03 1.64525E+03 LS_000105_0601
5.836150E+03 4.843470E+03 5.567530E+03 4.702090E+03 1.64468E+03 LS_000105_0701

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

5.558040E+03 4.700760E+03 5.430500E+03 4.656120E+03 1.64409E+03 LS_000106_0101
5.430500E+03 4.656120E+03 5.280650E+03 4.678440E+03 1.64344E+03 LS_000106_0201

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

5.262590E+03 4.691380E+03 5.060710E+03 4.848390E+03 1.64339E+03 LS_000107_0101
5.060710E+03 4.848390E+03 4.926130E+03 4.953070E+03 1.64337E+03 LS_000107_0201
4.926130E+03 4.953070E+03 4.686880E+03 4.766150E+03 1.64334E+03 LS_000107_0301
4.686880E+03 4.766150E+03 4.432670E+03 4.631570E+03 1.64331E+03 LS_000107_0401
4.432670E+03 4.631570E+03 4.320520E+03 4.392310E+03 1.64329E+03 LS_000107_0501
4.320520E+03 4.392310E+03 4.185940E+03 4.280160E+03 1.64326E+03 LS_000107_0601
4.185940E+03 4.280160E+03 3.871920E+03 4.182970E+03 1.64324E+03 LS_000107_0701
3.871920E+03 4.182970E+03 3.498080E+03 4.070820E+03 1.64320E+03 LS_000107_0801
3.498080E+03 4.070820E+03 3.228920E+03 4.048390E+03 1.64317E+03 LS_000107_0901
3.228920E+03 4.048390E+03 2.675640E+03 3.951190E+03 1.64313E+03 LS_000107_1001

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

8.506040E+03 6.141790E+03 8.463850E+03 6.080430E+03 1.65423E+03 LS_000108_0101
8.463850E+03 6.080430E+03 8.364150E+03 6.038250E+03 1.65282E+03 LS_000108_0201
8.364150E+03 6.038250E+03 8.233760E+03 6.057420E+03 1.65098E+03 LS_000108_0301
8.233760E+03 6.057420E+03 8.118710E+03 6.057420E+03 1.64908E+03 LS_000108_0401

width 0.000000E+00 0

depth 0.000000E+00

1.584850E+04 1.145062E+04 1.579605E+04 1.145062E+04 1.70246E+03 LS_000098_0101
1.579605E+04 1.145062E+04 1.575493E+04 1.144920E+04 1.70239E+03 LS_000098_0201
1.575493E+04 1.144920E+04 1.567696E+04 1.144637E+04 1.70230E+03 LS_000098_0301
1.567696E+04 1.144637E+04 1.559615E+04 1.140384E+04 1.70217E+03 LS_000098_0401
1.559615E+04 1.140384E+04 1.552526E+04 1.138824E+04 1.70204E+03 LS_000098_0501
1.552526E+04 1.138824E+04 1.547139E+04 1.140667E+04 1.70194E+03 LS_000098_0601
1.547139E+04 1.140667E+04 1.538916E+04 1.142794E+04 1.70183E+03 LS_000098_0701
1.538916E+04 1.142794E+04 1.532395E+04 1.144211E+04 1.70172E+03 LS_000098_0801
1.532395E+04 1.144211E+04 1.527008E+04 1.144779E+04 1.70162E+03 LS_000098_0901
1.527008E+04 1.144779E+04 1.523605E+04 1.143503E+04 1.70156E+03 LS_000098_1001
1.523605E+04 1.143503E+04 1.517367E+04 1.139675E+04 1.70147E+03 LS_000098_1101
1.517367E+04 1.139675E+04 1.511554E+04 1.132303E+04 1.70134E+03 LS_000098_1201
1.511554E+04 1.132303E+04 1.504182E+04 1.125639E+04 1.70120E+03 LS_000098_1301
1.504182E+04 1.125639E+04 1.493408E+04 1.124222E+04 1.70104E+03 LS_000098_1401
1.493408E+04 1.124222E+04 1.485752E+04 1.129184E+04 1.70088E+03 LS_000098_1501
1.485752E+04 1.129184E+04 1.481924E+04 1.131027E+04 1.70078E+03 LS_000098_1601
1.481924E+04 1.131027E+04 1.478805E+04 1.130743E+04 1.70072E+03 LS_000098_1701

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.584576E+04 1.145126E+04 1.592620E+04 1.150443E+04 1.70390E+03 LS_000099_0101
1.592620E+04 1.150443E+04 1.613615E+04 1.140081E+04 1.70354E+03 LS_000099_0201
1.613615E+04 1.140081E+04 1.622477E+04 1.138309E+04 1.70319E+03 LS_000099_0301
1.622477E+04 1.138309E+04 1.629566E+04 1.143626E+04 1.70299E+03 LS_000099_0401
1.629566E+04 1.143626E+04 1.637746E+04 1.151124E+04 1.70278E+03 LS_000099_0501
1.637746E+04 1.151124E+04 1.643745E+04 1.155214E+04 1.70258E+03 LS_000099_0601

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.644018E+04 1.155214E+04 1.652607E+04 1.157805E+04 1.70410E+03 LS_000100_0101
1.652607E+04 1.157805E+04 1.670875E+04 1.159168E+04 1.70408E+03 LS_000100_0201
1.670875E+04 1.159168E+04 1.679192E+04 1.160531E+04 1.70407E+03 LS_000100_0301
1.679192E+04 1.160531E+04 1.684509E+04 1.158214E+04 1.70406E+03 LS_000100_0401
1.684509E+04 1.158214E+04 1.687644E+04 1.165030E+04 1.70405E+03 LS_000100_0501
1.687644E+04 1.165030E+04 1.685190E+04 1.181390E+04 1.70404E+03 LS_000100_0601
1.685190E+04 1.181390E+04 1.685463E+04 1.193251E+04 1.70402E+03 LS_000100_0701
1.685463E+04 1.193251E+04 1.689826E+04 1.202113E+04 1.70401E+03 LS_000100_0801
1.689826E+04 1.202113E+04 1.695279E+04 1.205658E+04 1.70400E+03 LS_000100_0901

head

resistance 0

width 0.000000E+00 1

depth 0.000000E+00

1.672239E+04 1.116424E+04 1.659423E+04 1.115879E+04 1.69262E+03 LS_000101_0101
1.659423E+04 1.115879E+04 1.632157E+04 1.113970E+04 1.69175E+03 LS_000101_0201
1.632157E+04 1.113970E+04 1.621523E+04 1.108517E+04 1.69090E+03 LS_000101_0301
1.621523E+04 1.108517E+04 1.600527E+04 1.090521E+04 1.69005E+03 LS_000101_0401
1.600527E+04 1.090521E+04 1.577078E+04 1.083431E+04 1.68892E+03 LS_000101_0501
1.577078E+04 1.083431E+04 1.562081E+04 1.074706E+04 1.68802E+03 LS_000101_0601
1.562081E+04 1.074706E+04 1.552811E+04 1.074161E+04 1.68744E+03 LS_000101_0701
1.552811E+04 1.074161E+04 1.543813E+04 1.071707E+04 1.68704E+03 LS_000101_0801
1.543813E+04 1.071707E+04 1.529361E+04 1.056710E+04 1.68638E+03 LS_000101_0901
1.529361E+04 1.056710E+04 1.507821E+04 1.046349E+04 1.68542E+03 LS_000101_1001

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

8.506040E+03 6.141790E+03 8.463850E+03 6.080430E+03 1.65423E+03 LS_000108_0101

8.463850E+03 6.080430E+03 8.364150E+03 6.038250E+03 1.65282E+03 LS_000108_0201

8.364150E+03 6.038250E+03 8.233760E+03 6.057420E+03 1.65098E+03 LS_000108_0301

8.233760E+03 6.057420E+03 8.118710E+03 6.057420E+03 1.64908E+03 LS_000108_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

8.878020E+03 6.107270E+03 8.821320E+03 6.080920E+03 1.66023E+03 LS_000109_0101

8.821320E+03 6.080920E+03 8.767670E+03 6.127090E+03 1.65922E+03 LS_000109_0201

8.767670E+03 6.127090E+03 8.651760E+03 6.157130E+03 1.65778E+03 LS_000109_0301

8.651760E+03 6.157130E+03 8.586570E+03 6.157130E+03 1.65638E+03 LS_000109_0401

8.586570E+03 6.157130E+03 8.517540E+03 6.137950E+03 1.65534E+03 LS_000109_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

8.879960E+03 6.107130E+03 8.954830E+03 6.229400E+03 1.66048E+03 LS_000110_0101

8.954830E+03 6.229400E+03 9.155710E+03 6.417800E+03 1.65982E+03 LS_000110_0201

9.155710E+03 6.417800E+03 9.246790E+03 6.486430E+03 1.65921E+03 LS_000110_0301

9.246790E+03 6.486430E+03 9.281720E+03 6.552560E+03 1.65892E+03 LS_000110_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

9.279120E+03 6.556430E+03 9.277860E+03 6.720160E+03 1.65928E+03 LS_000111_0101

9.277860E+03 6.720160E+03 9.345870E+03 6.791960E+03 1.65893E+03 LS_000111_0201

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

9.347130E+03 6.793220E+03 9.371060E+03 6.838560E+03 1.65948E+03 LS_000112_0101

9.371060E+03 6.838560E+03 9.568810E+03 6.831000E+03 1.65936E+03 LS_000112_0201

9.568810E+03 6.831000E+03 9.782930E+03 6.949400E+03 1.65916E+03 LS_000112_0301

9.782930E+03 6.949400E+03 9.915180E+03 7.046380E+03 1.65897E+03 LS_000112_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

9.911000E+03 7.043850E+03 1.011530E+04 7.179560E+03 1.66390E+03 LS_000113_0101

1.011530E+04 7.179560E+03 1.033857E+04 7.328410E+03 1.66242E+03 LS_000113_0201

1.033857E+04 7.328410E+03 1.055600E+04 7.437860E+03 1.66095E+03 LS_000113_0301

1.055600E+04 7.437860E+03 1.076030E+04 7.556060E+03 1.65958E+03 LS_000113_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

9.911000E+03 7.043850E+03 1.011530E+04 7.179560E+03 1.66390E+03 LS_000113_0101

1.011530E+04 7.179560E+03 1.033857E+04 7.328410E+03 1.66242E+03 LS_000113_0201

1.033857E+04 7.328410E+03 1.055600E+04 7.437860E+03 1.66095E+03 LS_000113_0301

1.055600E+04 7.437860E+03 1.076030E+04 7.556060E+03 1.65958E+03 LS_000113_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.283005E+04 7.743350E+03 1.291592E+04 7.756560E+03 1.71907E+03 LS_000114_0101

1.291592E+04 7.756560E+03 1.289720E+04 7.944800E+03 1.71769E+03 LS_000114_0201

1.289720E+04 7.944800E+03 1.306563E+04 7.814900E+03 1.71569E+03 LS_000114_0301

1.306563E+04 7.814900E+03 1.317351E+04 7.780770E+03 1.71406E+03 LS_000114_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.282895E+04 7.741140E+03 1.267594E+04 7.612350E+03 1.71899E+03 LS_000115_0101

1.267594E+04 7.612350E+03 1.252953E+04 7.571620E+03 1.71810E+03 LS_000115_0201

1.252953E+04 7.571620E+03 1.256916E+04 7.456030E+03 1.71741E+03 LS_000115_0301

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.256674E+04 7.455640E+03 1.240499E+04 7.466430E+03 1.71707E+03 LS_000116_0101

1.240499E+04 7.466430E+03 1.223651E+04 7.392290E+03 1.71699E+03 LS_000116_0201

1.223651E+04 7.392290E+03 1.199524E+04 7.308730E+03 1.71690E+03 LS_000116_0301

1.199524E+04 7.308730E+03 1.205724E+04 7.206290E+03 1.71682E+03 LS_000116_0401

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.166099E+04 6.953500E+03 1.170362E+04 7.060870E+03 1.71814E+03 LS_000117_0101

1.170362E+04 7.060870E+03 1.185994E+04 7.228240E+03 1.71766E+03 LS_000117_0201

1.185994E+04 7.228240E+03 1.205258E+04 7.204560E+03 1.71707E+03 LS_000117_0301

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.165625E+04 6.952780E+03 1.151730E+04 7.079100E+03 1.71803E+03 LS_000118_0101

1.151730E+04 7.079100E+03 1.123625E+04 6.832780E+03 1.71721E+03 LS_000118_0201

1.123625E+04 6.832780E+03 1.073729E+04 6.703300E+03 1.71591E+03 LS_000118_0301

1.073729E+04 6.703300E+03 1.042465E+04 6.576980E+03 1.71466E+03 LS_000118_0401

1.042465E+04 6.576980E+03 1.027939E+04 6.507510E+03 1.71394E+03 LS_000118_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.027666E+04 6.506560E+03 1.015297E+04 6.515820E+03 1.71228E+03 LS_000119_0101

1.015297E+04 6.515820E+03 1.005597E+04 6.521270E+03 1.70975E+03 LS_000119_0201

1.005597E+04 6.521270E+03 9.971510E+03 6.527260E+03 1.70766E+03 LS_000119_0301

9.971510E+03 6.527260E+03 9.887040E+03 6.525630E+03 1.70572E+03 LS_000119_0401

9.887040E+03 6.525630E+03 9.810750E+03 6.518000E+03 1.70388E+03 LS_000119_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.678980E+04 1.034059E+04 1.628993E+04 1.018002E+04 1.69575E+03 LS_000120_0101

1.628993E+04 1.018002E+04 1.585066E+04 9.846780E+03 1.69565E+03 LS_000120_0201

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.403889E+04 8.691550E+03 1.399358E+04 8.871280E+03 1.69513E+03 LS_000121_0101

1.399358E+04 8.871280E+03 1.408144E+04 9.016700E+03 1.69423E+03 LS_000121_0201

1.408144E+04 9.016700E+03 1.474490E+04 9.240880E+03 1.69202E+03 LS_000121_0301

1.474490E+04 9.240880E+03 1.496605E+04 9.374180E+03 1.68959E+03 LS_000121_0401

1.496605E+04 9.374180E+03 1.505087E+04 9.504450E+03 1.68854E+03 LS_000121_0501

1.505087E+04 9.504450E+03 1.538412E+04 9.516570E+03 1.68730E+03 LS_000121_0601

1.538412E+04 9.516570E+03 1.554165E+04 9.698340E+03 1.68585E+03 LS_000121_0701

1.554165E+04 9.698340E+03 1.585087E+04 9.846300E+03 1.68437E+03 LS_000121_0801

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.376814E+04 8.253720E+03 1.373991E+04 8.278820E+03 1.71956E+03 LS_000122_0101

1.373991E+04 8.278820E+03 1.369494E+04 8.229670E+03 1.71919E+03 LS_000122_0201

1.369494E+04 8.229670E+03 1.360293E+04 8.159610E+03 1.71853E+03 LS_000122_0301

1.360293E+04 8.159610E+03 1.355796E+04 8.134520E+03 1.71793E+03 LS_000122_0401

1.355796E+04 8.134520E+03 1.347745E+04 8.046680E+03 1.71731E+03 LS_000122_0501

1.347745E+04 8.046680E+03 1.341763E+04 7.917190E+03 1.71676E+03 LS_000122_0601

1.341763E+04 7.917190E+03 1.337777E+04 7.780770E+03 1.71621E+03 LS_000122_0701

1.337777E+04 7.780770E+03 1.333791E+04 7.644390E+03 1.71566E+03 LS_000122_0801

1.333791E+04 7.644390E+03 1.329805E+04 7.508000E+03 1.71511E+03 LS_000122_0901

1.329805E+04 7.508000E+03 1.325819E+04 7.371610E+03 1.71456E+03 LS_000122_1001

1.325819E+04 7.371610E+03 1.321833E+04 7.235220E+03 1.71401E+03 LS_000122_1101

1.321833E+04 7.235220E+03 1.317847E+04 7.098830E+03 1.71346E+03 LS_000122_1201

1.317847E+04 7.098830E+03 1.313861E+04 6.962440E+03 1.71291E+03 LS_000122_1301

1.313861E+04 6.962440E+03 1.309875E+04 6.826050E+03 1.71236E+03 LS_000122_1401

1.309875E+04 6.826050E+03 1.305889E+04 6.689660E+03 1.71181E+03 LS_000122_1501

1.305889E+04 6.689660E+03 1.301903E+04 6.553270E+03 1.71126E+03 LS_000122_1601

1.301903E+04 6.553270E+03 1.297917E+04 6.416880E+03 1.71071E+03 LS_000122_1701

1.297917E+04 6.416880E+03 1.293931E+04 6.280490E+03 1.71016E+03 LS_000122_1801

1.293931E+04 6.280490E+03 1.289945E+04 6.144100E+03 1.70961E+03 LS_000122_1901

1.289945E+04 6.144100E+03 1.285959E+04 6.007710E+03 1.70906E+03 LS_000122_2001

1.285959E+04 6.007710E+03 1.281973E+04 5.871320E+03 1.70851E+03 LS_000122_2101

1.281973E+04 5.871320E+03 1.277987E+04 5.734930E+03 1.70796E+03 LS_000122_2201

1.277987E+04 5.734930E+03 1.273991E+04 5.598540E+03 1.70741E+03 LS_000122_2301

1.273991E+04 5.598540E+03 1.269995E+04 5.462150E+03 1.70686E+03 LS_000122_2401

1.269995E+04 5.462150E+03 1.265999E+04 5.325760E+03 1.70631E+03 LS_000122_2501

1.265999E+04 5.325760E+03 1.261993E+04 5.189370E+03 1.70576E+03 LS_000122_2601

1.261993E+04 5.189370E+03 1.257997E+04 5.052980E+03 1.70521E+03 LS_000122_2701

1.257997E+04 5.052980E+03 1.253991E+04 4.916590E+03 1.70466E+03 LS_000122_2801

1.253991E+04 4.916590E+03 1.249995

depth 0.000000E+00
1.376814E+04 8.253720E+03 1.373991E+04 8.278820E+03 1.71956E+03 LS_000122_0101
1.373991E+04 8.278820E+03 1.369494E+04 8.229670E+03 1.71919E+03 LS_000122_0201
1.369494E+04 8.229670E+03 1.360293E+04 8.159610E+03 1.71853E+03 LS_000122_0301
1.360293E+04 8.159610E+03 1.355796E+04 8.134520E+03 1.71793E+03 LS_000122_0401
1.355796E+04 8.134520E+03 1.347745E+04 8.046680E+03 1.71731E+03 LS_000122_0501
1.347745E+04 8.046680E+03 1.341262E+04 8.012180E+03 1.71662E+03 LS_000122_0601
1.341262E+04 8.012180E+03 1.335275E+04 8.020140E+03 1.71613E+03 LS_000122_0701
1.335275E+04 8.020140E+03 1.325368E+04 7.950480E+03 1.71548E+03 LS_000122_0801
1.325368E+04 7.950480E+03 1.325786E+04 7.860560E+03 1.71472E+03 LS_000122_0901
1.325786E+04 7.860560E+03 1.325577E+04 7.828140E+03 1.71427E+03 LS_000122_1001
1.325577E+04 7.828140E+03 1.317735E+04 7.782140E+03 1.71383E+03 LS_000122_1101

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.377109E+04 8.252780E+03 1.387151E+04 8.365160E+03 1.71486E+03 LS_000123_0101
1.387151E+04 8.365160E+03 1.390977E+04 8.642530E+03 1.70101E+03 LS_000123_0201
1.390977E+04 8.642530E+03 1.403411E+04 8.687960E+03 1.68776E+03 LS_000123_0301

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

4.153480E+03 2.227340E+03 4.111240E+03 1.985430E+03 1.63407E+03 LS_000124_0101
4.111240E+03 1.985430E+03 3.930770E+03 1.973910E+03 1.63351E+03 LS_000124_0201
3.930770E+03 1.973910E+03 3.769490E+03 1.847190E+03 1.63299E+03 LS_000124_0301
3.769490E+03 1.847190E+03 3.623570E+03 1.639840E+03 1.63238E+03 LS_000124_0401
3.623570E+03 1.639840E+03 3.493020E+03 1.639840E+03 1.63187E+03 LS_000124_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

2.208490E+03 1.248200E+03 2.371450E+03 1.271190E+03 1.63136E+03 LS_000125_0101
2.371450E+03 1.271190E+03 2.584550E+03 1.340130E+03 1.63056E+03 LS_000125_0201
2.584550E+03 1.340130E+03 2.799730E+03 1.457120E+03 1.62960E+03 LS_000125_0301
2.799730E+03 1.457120E+03 3.010740E+03 1.536510E+03 1.62863E+03 LS_000125_0401
3.010740E+03 1.536510E+03 3.294870E+03 1.640970E+03 1.62754E+03 LS_000125_0501
3.294870E+03 1.640970E+03 3.493340E+03 1.636790E+03 1.62651E+03 LS_000125_0601

quit

linesink

* stream parameter is End Inflow (L³/day)

stream 7.443873E+05

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.735331E+04 1.153750E+04 1693.728862 LS_000001_0026
1.734331E+04 1.151951E+04 1693.561984 LS_000001_0051
1.728580E+04 1.145064E+04 1693.374522 LS_000001_0076
1.726521E+04 1.142335E+04 1693.271080 LS_000001_0101
1.724462E+04 1.139605E+04 1693.111512 LS_000001_0151
1.720411E+04 1.133739E+04 1692.927651 LS_000001_0201
1.716878E+04 1.130166E+04 1692.696346 LS_000001_0301
1.712287E+04 1.120985E+04 1692.274986 LS_000001_0401
1.698695E+04 1.109823E+04 1691.820910 LS_000001_0501
1.686362E+04 1.108293E+04 1691.444982 LS_000001_0601
1.673940E+04 1.108293E+04 1691.103530 LS_000001_0701
1.663859E+04 1.107123E+04

1.663859E+04 1.107123E+04

* stream parameter is End Inflow (L³/day)

stream 0.000000E+00

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.663931E+04 1.107108E+04 1690.772104 LS_000002_0101
1.655495E+04 1.102255E+04 1690.432640 LS_000002_0201
1.649601E+04 1.095668E+04 1689.992237 LS_000002_0301
1.649717E+04 1.080414E+04 1689.616031 LS_000002_0401
1.648561E+04 1.075214E+04 1689.406410 LS_000002_0501
1.646481E+04 1.069436E+04 1689.071484 LS_000002_0601
1.638970E+04 1.059845E+04 1688.762184 LS_000002_0701
1.635619E+04 1.056494E+04 1688.597835 LS_000002_0801
1.632499E+04 1.053605E+04 1688.311289 LS_000002_0901
1.625334E+04 1.044707E+04 1687.971234 LS_000002_1001
1.619325E+04 1.040778E+04

1.619325E+04 1.040778E+04

* stream parameter is End Inflow (L³/day)

stream 0.000000E+00

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.619275E+04 1.040559E+04 1687.716918 LS_000003_0101
1.614346E+04 1.044010E+04 1687.298589 LS_000003_0201
1.604390E+04 1.054460E+04 1686.941615 LS_000003_0301
1.606263E+04 1.056826E+04 1686.840731 LS_000003_0401
1.605178E+04 1.058403E+04 1686.687718 LS_000003_0501
1.603009E+04 1.063529E+04 1686.423205 LS_000003_0601
1.599559E+04 1.070036E+04 1686.127324 LS_000003_0701
1.593151E+04 1.073092E+04 1685.909040 LS_000003_0801
1.589997E+04 1.071416E+04 1685.740850 LS_000003_0901
1.585659E+04 1.069740E+04 1685.279386 LS_000003_1001
1.568013E+04 1.072796E+04 1684.638549 LS_000003_1101
1.555099E+04 1.069148E+04 1684.117023 LS_000003_1201
1.547015E+04 1.060177E+04

1.547015E+04 1.060177E+04

* stream parameter is End Inflow (L³/day)

stream 0.000000E+00

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.546875E+04 1.060158E+04 1683.678845 LS_000004_0101
1.541079E+04 1.049445E+04 1683.253053 LS_000004_0201
1.526590E+04 1.045757E+04 1682.818023 LS_000004_0301
1.515350E+04 1.039698E+04 1682.437051 LS_000004_0401
1.510169E+04 1.029424E+04 1681.843237 LS_000004_0501
1.503144E+04 1.004047E+04

1.503144E+04 1.004047E+04

* stream parameter is End Inflow (L³/day)

stream 0.000000E+00

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 0

depth 1.00000E+00

1.503079E+04 1.003919E+04 1681.174673 LS_000005_0101
1.500760E+04 9.902160E+03 1680.519212 LS_000005_0201
1.488533E+04 9.721920E+03 1679.940742 LS_000005_0301
1.480522E+04 9.667100E+03 1679.655191 LS_000005_0401
1.474935E+04 9.650240E+03 1679.317053 LS_000005_0501
1.462919E+04 9.687130E+03 1678.849231 LS_000005_0601
1.455962E+04 9.795700E+03 1678.459828 LS_000005_0701
1.449637E+04 9.849460E+03 1678.157672 LS_000005_0801

1.449637E+04 9.849460E+03 1678.157672 LS_000005_0801

1.376814E+04 8.253720E+03 1.373991E+04 8.278820E+03 1.71956E+03 LS_000122_0101
1.373991E+04 8.278820E+03 1.369494E+04 8.229670E+03 1.71919E+03 LS_000122_0201
1.369494E+04 8.229670E+03 1.360293E+04 8.159610E+03 1.71853E+03 LS_000122_0301
1.360293E+04 8.159610E+03 1.355796E+04 8.134520E+03 1.71793E+03 LS_000122_0401
1.355796E+04 8.134520E+03 1.347745E+04 8.046680E+03 1.71731E+03 LS_000122_0501
1.347745E+04 8.046680E+03 1.341262E+04 8.012180E+03 1.71662E+03 LS_000122_0601
1.341262E+04 8.012180E+03 1.335275E+04 8.020140E+03 1.71613E+03 LS_000122_0701
1.335275E+04 8.020140E+03 1.325368E+04 7.950480E+03 1.71548E+03 LS_000122_0801
1.325368E+04 7.950480E+03 1.325786E+04 7.860560E+03 1.71472E+03 LS_000122_0901
1.325786E+04 7.860560E+03 1.325577E+04 7.828140E+03 1.71427E+03 LS_000122_1001
1.325577E+04 7.828140E+03 1.317735E+04 7.782140E+03 1.71383E+03 LS_000122_1101

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

1.377109E+04 8.252780E+03 1.387151E+04 8.365160E+03 1.71486E+03 LS_000123_0101
1.387151E+04 8.365160E+03 1.390977E+04 8.642530E+03 1.70101E+03 LS_000123_0201
1.390977E+04 8.642530E+03 1.403411E+04 8.687960E+03 1.68776E+03 LS_000123_0301

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

4.153480E+03 2.227340E+03 4.111240E+03 1.985430E+03 1.63407E+03 LS_000124_0101
4.111240E+03 1.985430E+03 3.930770E+03 1.973910E+03 1.63351E+03 LS_000124_0201
3.930770E+03 1.973910E+03 3.769490E+03 1.847190E+03 1.63299E+03 LS_000124_0301
3.769490E+03 1.847190E+03 3.623570E+03 1.639840E+03 1.63238E+03 LS_000124_0401
3.623570E+03 1.639840E+03 3.493020E+03 1.639840E+03 1.63187E+03 LS_000124_0501

head

resistance 0

width 0.000000E+00 0

depth 0.000000E+00

2.208490E+03 1.248200E+03 2.371450E+03 1.271190E+03 1.63136E+03 LS_000125_0101
2.371450E+03 1.271190E+03 2.584550E+03 1.340130E+03 1.63056E+03 LS_000125_0201
2.584550E+03 1.340130E+03 2.799730E+03 1.457120E+03 1.62960E+03 LS_000125_0301
2.799730E+03 1.457120E+03 3.010740E+03 1.536510E+03 1.62863E+03 LS_000125_0401
3.010740E+03 1.536510E+03 3.294870E+03 1.640970E+03 1.62754E+03 LS_000125_0501
3.294870E+03 1.640970E+03 3.493340E+03 1.636790E+03 1.62651E+03 LS_000125_0601

quit

linesink

* stream parameter is End Inflow (L³/day)

stream 7.443873E+05

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.735331E+04 1.153750E+04 1693.728862 LS_000001_0026
1.734331E+04 1.151951E+04 1693.561984 LS_000001_0051
1.728580E+04 1.145064E+04 1693.374522 LS_000001_0076
1.726521E+04 1.142335E+04 1693.271080 LS_000001_0101
1.724462E+04 1.139605E+04 1693.111512 LS_000001_0151
1.720411E+04 1.133739E+04 1692.927651 LS_000001_0201
1.716878E+04 1.130166E+04 1692.696346 LS_000001_0301
1.712287E+04 1.120985E+04 1692.274986 LS_000001_0401
1.698695E+04 1.109823E+04 1691.820910 LS_000001_0501
1.686362E+04 1.108293E+04 1691.444982 LS_000001_0601
1.673940E+04 1.108293E+04 1691.103530 LS_000001_0701
1.663859E+04 1.107123E+04

1.663859E+04 1.107123E+04

* stream parameter is End Inflow (L³/day)

stream 0.000000E+00

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.663931E+04 1.107108E+04 1690.772104 LS_000002_0101
1.655495E+04 1.102255E+04 1690.432640 LS_000002_0201
1.649601E+04 1.095668E+04 1689.992237 LS_000002_0301
1.649717E+04 1.080414E+04 1689.616031 LS_000002_0401
1.648561E+04 1.075214E+04 1689.406410 LS_000002_0501
1.646481E+04 1.069436E+04 1689.071484 LS_000002_0601
1.638970E+04 1.059845E+04 1688.762184 LS_000002_0701
1.635619E+04 1.056494E+04 1688.597835 LS_000002_0801
1.632499E+04 1.053605E+04 1688.311289 LS_000002_0901
1.625334E+04 1.044707E+04 1687.971234 LS_000002_1001
1.619325E+04 1.040778E+04

1.619325E+04 1.040778E+04

* stream parameter is End Inflow (L³/day)

stream 0.000000E+00

overlandflow 0.000000E+00

resistance 0.000000E+00

width 1.00000E+01 1

depth 1.00000E+00

1.619275E+04 1.040559E+04 1687.716918 LS_000003_0101
1.614346E+04 1.044010E+04 1687.298589 LS_000003_0201
1.604390E+04 1.054460E+04 1686.941615 LS_000003_0301
1.606263E+04 1.056826E+04 1686.840731 LS_000003_0401
1.605178E+04 1.058403E+04 1686.687718 LS_000003_0501
1.603009E+04 1.063529E+04 1686.423205 LS_000003_0601
1.599559E+04 1.070036E+04 1686.127324 LS_000003_0701
1.593151E+04 1.073092E+04 1685.90904

1.488533E+04 9.721920E+03 1679.940742 LS_000005_0301
1.480522E+04 9.667100E+03 1679.655191 LS_000005_0401
1.474935E+04 9.650240E+03 1679.317053 LS_000005_0501
1.462919E+04 9.687130E+03 1678.849231 LS_000005_0601
1.455962E+04 9.795700E+03 1678.459828 LS_000005_0701
1.449637E+04 9.849460E+03 1678.157672 LS_000005_0801
1.441626E+04 9.834700E+03 1677.825949 LS_000005_0901
1.432561E+04 9.794650E+03 1677.414336 LS_000005_1001
1.430559E+04 9.671320E+03 1677.027396 LS_000005_1101
1.423496E+04 9.622830E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.423419E+04 9.623400E+03 1676.600915 LS_000006_0101
1.409481E+04 9.638510E+03 1675.993416 LS_000006_0201
1.391850E+04 9.636830E+03 1675.344778 LS_000006_0301
1.378585E+04 9.544480E+03 1674.617277 LS_000006_0401
1.364983E+04 9.374880E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.364999E+04 9.374100E+03 1673.948280 LS_000007_0101
1.355448E+04 9.284040E+03 1673.444345 LS_000007_0201
1.343593E+04 9.227060E+03 1672.830974 LS_000007_0301
1.324783E+04 9.236700E+03 1672.274525 LS_000007_0401
1.314687E+04 9.223290E+03 1671.889617 LS_000007_0501
1.304884E+04 9.210300E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 0
depth 1.00000E+00
1.304817E+04 9.209960E+03 1671.598467 LS_000008_0101
1.296771E+04 9.189270E+03 1671.395315 LS_000008_0201
1.289507E+04 9.148810E+03 1671.209523 LS_000008_0301
1.285093E+04 9.095940E+03 1671.059555 LS_000008_0401
1.284357E+04 9.042610E+03 1670.931880 LS_000008_0501
1.284587E+04 8.992030E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.284634E+04 8.990290E+03 1670.813180 LS_000009_0101
1.285104E+04 8.963600E+03 1670.698741 LS_000009_0201
1.285026E+04 8.936130E+03 1670.553763 LS_000009_0301
1.284790E+04 8.894530E+03 1670.393024 LS_000009_0401
1.283613E+04 8.861570E+03 1670.256986 LS_000009_0501
1.282436E+04 8.834100E+03 1670.099701 LS_000009_0601
1.278982E+04 8.805050E+03 1669.907400 LS_000009_0701
1.275058E+04 8.779940E+03 1669.732367 LS_000009_0801
1.271840E+04 8.761890E+03 1669.596679 LS_000009_0901
1.269171E+04 8.754040E+03 1669.470488 LS_000009_1001
1.266188E+04 8.741480E+03 1669.334787 LS_000009_1101
1.263206E+04 8.728920E+03 1669.202412 LS_000009_1201
1.260302E+04 8.718720E+03 1669.073339 LS_000009_1301
1.257398E+04 8.708510E+03 1668.940210 LS_000009_1401
1.254572E+04 8.692030E+03 1668.774380 LS_000009_1501
1.250334E+04 8.673190E+03 1668.568055 LS_000009_1601
1.246017E+04 8.644150E+03 1668.386702 LS_000009_1701
1.244290E+04 8.614320E+03 1668.217217 LS_000009_1801
1.241700E+04 8.575860E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.241673E+04 8.576950E+03 1667.782558 LS_000010_0101
1.236251E+04 8.446670E+03 1667.246861 LS_000010_0201
1.231072E+04 8.381930E+03 1666.732485 LS_000010_0301
1.217962E+04 8.364940E+03 1666.198274 LS_000010_0401
1.209789E+04 8.324470E+03 1665.820093 LS_000010_0501
1.203801E+04 8.294530E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.203861E+04 8.293870E+03 1665.379566 LS_000011_0101
1.187589E+04 8.239630E+03 1664.738021 LS_000011_0201
1.165706E+04 8.269550E+03 1664.075558 LS_000011_0301
1.147658E+04 8.306960E+03 1663.500010 LS_000011_0401
1.130919E+04 8.317250E+03 1662.887907 LS_000011_0501
1.110345E+04 8.336880E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.110172E+04 8.335480E+03 1662.349910 LS_000012_0101
1.097843E+04 8.296950E+03 1661.790348 LS_000012_0201
1.083330E+04 8.115870E+03 1661.164219 LS_000012_0301
1.069331E+04 8.015690E+03 1660.519864 LS_000012_0401
1.045058E+04 7.992570E+03 1659.841082 LS_000012_0501
1.026950E+04 7.921940E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.026835E+04 7.918490E+03 1658.901479 LS_000013_0101
1.011581E+04 7.734820E+03 1657.162713 LS_000013_0201
9.748470E+03 7.549590E+03 1655.266235 LS_000013_0301
9.639510E+03 7.272520E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
1.468533E+04 9.721920E+03 1679.940742 LS_000005_0301
1.480522E+04 9.667100E+03 1679.655191 LS_000005_0401
1.474935E+04 9.650240E+03 1679.317053 LS_000005_0501
1.462919E+04 9.687130E+03 1678.849231 LS_000005_0601
1.455962E+04 9.795700E+03 1678.459828 LS_000005_0701
1.449637E+04 9.849460E+03 1678.157672 LS_000005_0801
1.441626E+04 9.834700E+03 1677.825949 LS_000005_0901
1.432561E+04 9.794650E+03 1677.414336 LS_000005_1001
1.430559E+04 9.671320E+03 1677.027396 LS_000005_1101
1.423496E+04 9.622830E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.423419E+04 9.623400E+03 1676.600915 LS_000006_0101
1.409481E+04 9.638510E+03 1675.993416 LS_000006_0201
1.391850E+04 9.636830E+03 1675.344778 LS_000006_0301
1.378585E+04 9.544480E+03 1674.617277 LS_000006_0401
1.364983E+04 9.374880E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.364999E+04 9.374100E+03 1673.948280 LS_000007_0101
1.355448E+04 9.284040E+03 1673.444345 LS_000007_0201
1.343593E+04 9.227060E+03 1672.830974 LS_000007_0301
1.324783E+04 9.236700E+03 1672.274525 LS_000007_0401
1.314687E+04 9.223290E+03 1671.889617 LS_000007_0501
1.304884E+04 9.210300E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 0
depth 1.00000E+00
1.304817E+04 9.209960E+03 1671.598467 LS_000008_0101
1.296771E+04 9.189270E+03 1671.395315 LS_000008_0201
1.289507E+04 9.148810E+03 1671.209523 LS_000008_0301
1.285093E+04 9.095940E+03 1671.059555 LS_000008_0401
1.284357E+04 9.042610E+03 1670.931880 LS_000008_0501
1.284587E+04 8.992030E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.284634E+04 8.990290E+03 1670.813180 LS_000009_0101
1.285104E+04 8.963600E+03 1670.698741 LS_000009_0201
1.285026E+04 8.936130E+03 1670.553763 LS_000009_0301
1.284790E+04 8.894530E+03 1670.393024 LS_000009_0401
1.283613E+04 8.861570E+03 1670.256986 LS_000009_0501
1.282436E+04 8.834100E+03 1670.099701 LS_000009_0601
1.278982E+04 8.805050E+03 1669.907400 LS_000009_0701
1.275058E+04 8.779940E+03 1669.732367 LS_000009_0801
1.271840E+04 8.761890E+03 1669.596679 LS_000009_0901
1.269171E+04 8.754040E+03 1669.470488 LS_000009_1001
1.266188E+04 8.741480E+03 1669.334787 LS_000009_1101
1.263206E+04 8.728920E+03 1669.202412 LS_000009_1201
1.260302E+04 8.718720E+03 1669.073339 LS_000009_1301
1.257398E+04 8.708510E+03 1668.940210 LS_000009_1401
1.254572E+04 8.692030E+03 1668.774380 LS_000009_1501
1.250334E+04 8.673190E+03 1668.568055 LS_000009_1601
1.246017E+04 8.644150E+03 1668.386702 LS_000009_1701
1.244290E+04 8.614320E+03 1668.217217 LS_000009_1801
1.241700E+04 8.575860E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.241673E+04 8.576950E+03 1667.782558 LS_000010_0101
1.236251E+04 8.446670E+03 1667.246861 LS_000010_0201
1.231072E+04 8.381930E+03 1666.732485 LS_000010_0301
1.217962E+04 8.364940E+03 1666.198274 LS_000010_0401
1.209789E+04 8.324470E+03 1665.820093 LS_000010_0501
1.203801E+04 8.294530E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.203861E+04 8.293870E+03 1665.379566 LS_000011_0101
1.187589E+04 8.239630E+03 1664.738021 LS_000011_0201
1.165706E+04 8.269550E+03 1664.075558 LS_000011_0301
1.147658E+04 8.306960E+03 1663.500010 LS_000011_0401
1.130919E+04 8.317250E+03 1662.887907 LS_000011_0501
1.110345E+04 8.336880E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.110172E+04 8.335480E+03 1662.349910 LS_000012_0101
1.097843E+04 8.296950E+03 1661.790348 LS_000012_0201
1.083330E+04 8.115870E+03 1661.164219 LS_000012_0301
1.069331E+04 8.015690E+03 1660.519864 LS_000012_0401
1.045058E+04 7.992570E+03 1659.841082 LS_000012_0501
1.026950E+04 7.921940E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.026835E+04 7.918490E+03 1658.901479 LS_000013_0101
1.011581E+04 7.734820E+03 1657.162713 LS_000013_0201
9.748470E+03 7.549590E+03 1655.266235 LS_000013_0301
9.639510E+03 7.272520E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1

9.748470E+03 7.549590E+03 1655.266235 LS_000013_0301
9.639510E+03 7.272520E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
9.642330E+03 7.270380E+03 1654.022091 LS_000014_0101
9.452440E+03 7.102320E+03 1652.999630 LS_000014_0201
9.127230E+03 7.095770E+03 1652.112701 LS_000014_0301
8.954800E+03 7.056480E+03 1651.216918 LS_000014_0401
8.793280E+03 6.768380E+03 1650.281757 LS_000014_0501
8.616490E+03 6.676710E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
8.614030E+03 6.679460E+03 1649.656198 LS_000015_0101
8.476130E+03 6.607750E+03 1648.879713 LS_000015_0201
8.321680E+03 6.367800E+03 1647.687572 LS_000015_0301
7.943830E+03 6.265750E+03 1646.680189 LS_000015_0401
7.803170E+03 6.152670E+03 1646.031132 LS_000015_0501
7.731460E+03 5.978910E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
7.734110E+03 5.975000E+03 1645.191328 LS_000016_0101
7.749610E+03 5.727010E+03 1644.300354 LS_000016_0201
7.588800E+03 5.632070E+03 1643.591635 LS_000016_0301
7.429930E+03 5.618510E+03 1642.740690 LS_000016_0401
7.251690E+03 5.434450E+03 1641.548082 LS_000016_0501
7.011450E+03 5.213580E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
7.011440E+03 5.213670E+03 1640.434180 LS_000017_0101
6.940080E+03 5.009440E+03 1639.720921 LS_000017_0201
6.860520E+03 4.906910E+03 1639.283898 LS_000017_0301
6.778490E+03 4.900350E+03 1638.829812 LS_000017_0401
6.644800E+03 4.934800E+03 1638.217655 LS_000017_0501
6.522590E+03 4.833090E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
6.523470E+03 4.832180E+03 1637.464118 LS_000018_0101
6.401690E+03 4.615810E+03 1636.793569 LS_000018_0201
6.283180E+03 4.536430E+03 1636.046417 LS_000018_0301
6.091810E+03 4.314630E+03 1635.296965 LS_000018_0401
5.961340E+03 4.253740E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
5.964350E+03 4.252110E+03 1634.418243 LS_000019_0101
5.625900E+03 4.207550E+03 1633.183146 LS_000019_0201
5.310340E+03 4.125650E+03 1632.133470 LS_000019_0301
5.110410E+03 4.260540E+03 1631.347878 LS_000019_0401
4.950220E+03 4.171410E+03 1630.736636 LS_000019_0501
4.855070E+03 4.059400E+03 1629.957696 LS_000019_0601
4.700900E+03 3.832970E+03 1628.895372 LS_000019_0701
4.671990E+03 3.534270E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
4.668270E+03 3.532230E+03 1627.950919 LS_000020_0101
4.661600E+03 3.360310E+03 1627.291526 LS_000020_0201
4.591490E+03 3.263500E+03 1626.549324 LS_000020_0301
4.382850E+03 3.266840E+03 1625.719751 LS_000020_0401
4.271010E+03 3.155000E+03 1624.697416 LS_000020_0501
4.155840E+03 2.884600E+03 1623.530496 LS_000020_0601
3.933840E+03 2.877920E+03 1622.683228 LS_000020_0701
3.788620E+03 2.831180E+03 1621.702171 LS_000020_0801
3.600000E+03 2.622540E+03 1620.714673 LS_000020_0901
3.458130E+03 2.559110E+03 1619.978502 LS_000020_1001
3.294550E+03 2.605850E+03 1619.201885 LS_000020_1101
3.132640E+03 2.667610E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
3.127830E+03 2.669720E+03 1618.576409 LS_000021_0101
3.020930E+03 2.639510E+03 1617.916675 LS_000021_0201
2.858250E+03 2.518660E+03 1616.879207 LS_000021_0301
2.567760E+03 2.507040E+03 1615.979393 LS_000021_0401
2.481770E+03 2.400140E+03 1615.266644 LS_000021_0501
2.398110E+03 2.216540E+03 1614.343596 LS_000021_0601
2.242400E+03 2.037600E+03 1613.347044 LS_000021_0701
2.079730E+03 1.865630E+03 1612.624266 LS_000021_0801
1.991420E+03 1.805200E+03 1612.012410 LS_000021_0901
1.807820E+03 1.793580E+03 1611.182783 LS_000021_1001
1.600990E+03 1.833090E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
end
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.600260E+03 1.833340E+03 1610.368437 LS_000022_0101
1.384240E+03 1.809250E+03 1609.764850 LS_000022_0201
1.272080E+03 1.732810E+03 1609.317358 LS_000022_0301

9.639510E+03 7.272520E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
9.642330E+03 7.270380E+03 1654.022091 LS_000014_0101
9.452440E+03 7.102320E+03 1652.999630 LS_000014_0201
9.127230E+03 7.095770E+03 1652.112701 LS_000014_0301
8.954800E+03 7.056480E+03 1651.216918 LS_000014_0401
8.793280E+03 6.768380E+03 1650.281757 LS_000014_0501
8.616490E+03 6.676710E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
8.614030E+03 6.679460E+03 1649.656198 LS_000015_0101
8.476130E+03 6.607750E+03 1648.879713 LS_000015_0201
8.321680E+03 6.367800E+03 1647.687572 LS_000015_0301
7.943830E+03 6.265750E+03 1646.680189 LS_000015_0401
7.803170E+03 6.152670E+03 1646.031132 LS_000015_0501
7.731460E+03 5.978910E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
7.734110E+03 5.975000E+03 1645.191328 LS_000016_0101
7.749610E+03 5.727010E+03 1644.300354 LS_000016_0201
7.588800E+03 5.632070E+03 1643.591635 LS_000016_0301
7.429930E+03 5.618510E+03 1642.740690 LS_000016_0401
7.251690E+03 5.434450E+03 1641.548082 LS_000016_0501
7.011450E+03 5.213580E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
7.011440E+03 5.213670E+03 1640.434180 LS_000017_0101
6.940080E+03 5.009440E+03 1639.720921 LS_000017_0201
6.860520E+03 4.906910E+03 1639.283898 LS_000017_0301
6.778490E+03 4.900350E+03 1638.829812 LS_000017_0401
6.644800E+03 4.934800E+03 1638.217655 LS_000017_0501
6.522590E+03 4.833090E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
6.523470E+03 4.832180E+03 1637.464118 LS_000018_0101
6.401690E+03 4.615810E+03 1636.793569 LS_000018_0201
6.283180E+03 4.536430E+03 1636.046417 LS_000018_0301
6.091810E+03 4.314630E+03 1635.296965 LS_000018_0401
5.961340E+03 4.253740E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
5.964350E+03 4.252110E+03 1634.418243 LS_000019_0101
5.625900E+03 4.207550E+03 1633.183146 LS_000019_0201
5.310340E+03 4.125650E+03 1632.133470 LS_000019_0301
5.110410E+03 4.260540E+03 1631.347878 LS_000019_0401
4.950220E+03 4.171410E+03 1630.736636 LS_000019_0501
4.855070E+03 4.059400E+03 1629.957696 LS_000019_0601
4.700900E+03 3.832970E+03 1628.895372 LS_000019_0701
4.671990E+03 3.534270E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
4.668270E+03 3.532230E+03 1627.950919 LS_000020_0101
4.661600E+03 3.360310E+03 1627.291526 LS_000020_0201
4.591490E+03 3.263500E+03 1626.549324 LS_000020_0301
4.382850E+03 3.266840E+03 1625.719751 LS_000020_0401
4.271010E+03 3.155000E+03 1624.697416 LS_000020_0501
4.155840E+03 2.884600E+03 1623.530496 LS_000020_0601
3.933840E+03 2.877920E+03 1622.683228 LS_000020_0701
3.788620E+03 2.831180E+03 1621.702171 LS_000020_0801
3.600000E+03 2.622540E+03 1620.714673 LS_000020_0901
3.458130E+03 2.559110E+03 1619.978502 LS_000020_1001
3.294550E+03 2.605850E+03 1619.201885 LS_000020_1101
3.132640E+03 2.667610E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
3.127830E+03 2.669720E+03 1618.576409 LS_000021_0101
3.020930E+03 2.639510E+03 1617.916675 LS_000021_0201
2.858250E+03 2.518660E+03 1616.879207 LS_000021_0301
2.567760E+03 2.507040E+03 1615.979393 LS_000021_0401
2.481770E+03 2.400140E+03 1615.266644 LS_000021_0501
2.398110E+03 2.216540E+03 1614.343596 LS_000021_0601
2.242400E+03 2.037600E+03 1613.347044 LS_000021_0701
2.079730E+03 1.865630E+03 1612.624266 LS_000021_0801
1.991420E+03 1.805200E+03 1612.012410 LS_000021_0901
1.807820E+03 1.793580E+03 1611.182783 LS_000021_1001
1.600990E+03 1.833090E+03
* stream parameter is End Inflow (L^3/day)
stream 0.000000E+00
end
overlandflow 0.000000E+00
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.600260E+03 1.833340E+03 1610.368437 LS_000022_0101
1.384240E+03 1.809250E+03 1609.764850 LS_000022_0201
1.272080E+03 1.732810E+03 1609.317358 LS_000022_0301
1 2 16772NF+03 1 61815NF+03 1608 855445 LS_000022_0401

```
-----
resistance 0.000000E+00
width 1.00000E+01 1
depth 1.00000E+00
1.600260E+03 1.833340E+03 1610.368437 LS_000022_0101
1.384240E+03 1.809250E+03 1609.764850 LS_000022_0201
1.272080E+03 1.732810E+03 1609.317358 LS_000022_0301
1.219730E+03 1.618150E+03 1608.855945 LS_000022_0401
1.184840E+03 1.478570E+03
quit
layout
window 6916.30 5636.27 10453.85 7329.35
quit
time 0
solve conjunctive 5 3 1 1
```

```
save loanimas
y
time 0
extract
file loanimas
y
gage 1161.54 1506.57 TG_001580
well discharge
well head
ppwell discharge
ppwell head
Theis well
linesink discharge
linesink head
inhomogeneity
quit
grid
window 6916.30 5636.27 10453.85 7329.35
dotmap off
horizontalpoints 80
plot heads
go
save loanimas
y
surfer loanimas
y
quit
trace
picture off
file loanimas
y
time 90
step 15.6873661640487
well 1.3299470E+04 9.3100600E+03 1.60100E+03 4
well 1.3285470E+04 9.5000600E+03 1.60100E+03 4
well 1.3296470E+04 9.4600600E+03 1.60100E+03 4
well 1.6000470E+04 1.0780060E+04 1.60100E+03 4
well 1.3583470E+04 9.1800600E+03 1.60100E+03 4
well 1.3539470E+04 9.1400600E+03 1.60100E+03 4
well 1.4028470E+04 9.0900600E+03 1.60100E+03 4
well 1.2314470E+04 9.2700600E+03 1.60100E+03 4
well 1.5884470E+04 1.1830060E+04 1.60100E+03 4
well 1.5891470E+04 1.1360060E+04 1.60100E+03 4
well 1.4063470E+04 9.2500600E+03 1.60100E+03 4
well 1.3861470E+04 9.6700600E+03 1.60100E+03 4
well 1.6136470E+04 1.2060060E+04 1.60100E+03 4
well 1.3568470E+04 8.9800600E+03 1.60100E+03 4
well 1.2393470E+04 1.0000060E+04 1.60100E+03 4
well 1.1953470E+04 1.0220060E+04 1.60100E+03 4
well 6.9344700E+03 5.8000600E+03 1.60100E+03 4
well 7.7754700E+03 6.8200600E+03 1.60100E+03 4
well 7.9854700E+03 6.5200600E+03 1.60100E+03 4
well 6.4144700E+03 5.2400600E+03 1.60100E+03 4
well 8.1904700E+03 6.9400600E+03 1.60100E+03 4
well 1.0133470E+04 6.8800600E+03 1.60100E+03 4
well 9.0684700E+03 7.3000600E+03 1.60100E+03 4
well 8.4614700E+03 6.1400600E+03 1.60100E+03 4
well 8.9094700E+03 7.4200600E+03 1.60100E+03 4
well 8.8304700E+03 7.3000600E+03 1.60100E+03 4
well 8.2004700E+03 7.2900600E+03 1.60100E+03 4
well 8.5134700E+03 6.0100600E+03 1.60100E+03 4
well 7.6574700E+03 6.9300600E+03 1.60100E+03 4
well 7.2964700E+03 6.6300600E+03 1.60100E+03 4
well 6.7874700E+03 6.0300600E+03 1.60100E+03 4
well 7.2164700E+03 6.3500600E+03 1.60100E+03 4
well 1.2612470E+04 8.8220600E+03 1.60100E+03 48
well 1.2575470E+04 8.7540600E+03 1.60100E+03 48
well 1.2612470E+04 8.8480600E+03 1.60100E+03 48
well 1.4788170E+04 9.6130200E+03 1.60100E+03 12
well 8.6719700E+03 6.5906200E+03 1.60100E+03 12
go
quit
stop
```

```
-----
width 1.00000E+01 1
depth 1.00000E+00
1.600260E+03 1.833340E+03 1610.368437 LS_000022_0101
1.384240E+03 1.809250E+03 1609.764850 LS_000022_0201
1.272080E+03 1.732810E+03 1609.317358 LS_000022_0301
1.219730E+03 1.618150E+03 1608.855945 LS_000022_0401
1.184840E+03 1.478570E+03
quit
layout
window 12326.02 8603.42 12882.89 8869.93
quit
time 0
solve conjunctive 5 3 1 1
```

```
save loanimas
y
time 0
extract
file loanimas
y
gage 1161.54 1506.57 TG_001580
well discharge
well head
ppwell discharge
ppwell head
Theis well
linesink discharge
linesink head
inhomogeneity
quit
grid
window 12326.02 8603.42 12882.89 8869.93
dotmap off
horizontalpoints 80
plot heads
go
save loanimas
y
surfer loanimas
y
quit
trace
picture off
file loanimas
y
time 3650
step 2.4694061851657
points
1.2566740E+04 8.7044100E+03 1.7000000E+03 1.0
1.2574770E+04 8.7089500E+03 1.7000000E+03 1.0
1.2578740E+04 8.7103800E+03 1.7000000E+03 1.0
1.2582410E+04 8.7116100E+03 1.7000000E+03 1.0
1.2585810E+04 8.7128100E+03 1.7000000E+03 1.0
1.2589070E+04 8.7140100E+03 1.7000000E+03 1.0
1.2592170E+04 8.7151100E+03 1.7000000E+03 1.0
1.2595310E+04 8.7161800E+03 1.7000000E+03 1.0
1.2598370E+04 8.7173100E+03 1.7000000E+03 1.0
1.2601370E+04 8.7184100E+03 1.7000000E+03 1.0
1.2604770E+04 8.7195400E+03 1.7000000E+03 1.0
1.2608540E+04 8.7208100E+03 1.7000000E+03 1.0
1.2612440E+04 8.7221800E+03 1.7000000E+03 1.0
1.2650330E+04 8.7368100E+03 1.7000000E+03 1.0
1.2645070E+04 8.7348300E+03 1.7000000E+03 1.0
1.2636650E+04 8.7312400E+03 1.7000000E+03 1.0
1.2631750E+04 8.7289900E+03 1.7000000E+03 1.0
1.2627890E+04 8.7277200E+03 1.7000000E+03 1.0
1.2623970E+04 8.7262800E+03 1.7000000E+03 1.0
1.2620150E+04 8.7249300E+03 1.7000000E+03 1.0
1.2616160E+04 8.7235300E+03 1.7000000E+03 1.0
quit
well 1.3299470E+04 9.3100600E+03 1.60100E+03 4
well 1.3285470E+04 9.5000600E+03 1.60100E+03 4
well 1.3296470E+04 9.4600600E+03 1.60100E+03 4
well 1.6000470E+04 1.0780060E+04 1.60100E+03 4
well 1.3583470E+04 9.1800600E+03 1.60100E+03 4
well 1.3539470E+04 9.1400600E+03 1.60100E+03 4
well 1.4028470E+04 9.0900600E+03 1.60100E+03 4
well 1.2314470E+04 9.2700600E+03 1.60100E+03 4
well 1.5884470E+04 1.1830060E+04 1.60100E+03 4
well 1.5891470E+04 1.1360060E+04 1.60100E+03 4
well 1.4063470E+04 9.2500600E+03 1.60100E+03 4
well 1.3861470E+04 9.6700600E+03 1.60100E+03 4
well 1.6136470E+04 1.2060060E+04 1.60100E+03 4
well 1.3568470E+04 8.9800600E+03 1.60100E+03 4
well 1.2393470E+04 1.0000060E+04 1.60100E+03 4
well 1.1953470E+04 1.0220060E+04 1.60100E+03 4
well 6.9344700E+03 5.8000600E+03 1.60100E+03 4
well 7.7754700E+03 6.8200600E+03 1.60100E+03 4
well 7.9854700E+03 6.5200600E+03 1.60100E+03 4
well 6.4144700E+03 5.2400600E+03 1.60100E+03 4
well 8.1904700E+03 6.9400600E+03 1.60100E+03 4
well 1.0133470E+04 6.8800600E+03 1.60100E+03 4
well 9.0684700E+03 7.3000600E+03 1.60100E+03 4
well 8.4614700E+03 6.1400600E+03 1.60100E+03 4
well 8.9094700E+03 7.4200600E+03 1.60100E+03 4
well 8.8304700E+03 7.3000600E+03 1.60100E+03 4
well 8.2004700E+03 7.2900600E+03 1.60100E+03 4
well 8.5134700E+03 6.0100600E+03 1.60100E+03 4
well 7.6574700E+03 6.9300600E+03 1.60100E+03 4
well 7.2964700E+03 6.6300600E+03 1.60100E+03 4
well 6.7874700E+03 6.0300600E+03 1.60100E+03 4
well 7.2164700E+03 6.3500600E+03 1.60100E+03 4
well 1.4788170E+04 9.6130200E+03 1.60100E+03 12
well 8.6719700E+03 6.5906200E+03 1.60100E+03 12
go
quit
stop
```