



Vedlegg 6 Resultater fra EpaNet


Resultater fra EpaNet


Nedenfor er skjermbilde av modell i EpaNet. Modellen er nummerert. Pumpene og husene (reservoarene) har fått svart farge på nummereringen. Ledningene har fått rød farge og nodene har fått grønn farge. Nodene og stikkledningene har fått nummer etter hvilken pumpe de tilhører.

Tegnforklaring:


 = Reservoar, her brukt som bygninger

 = Pumpe med ledning

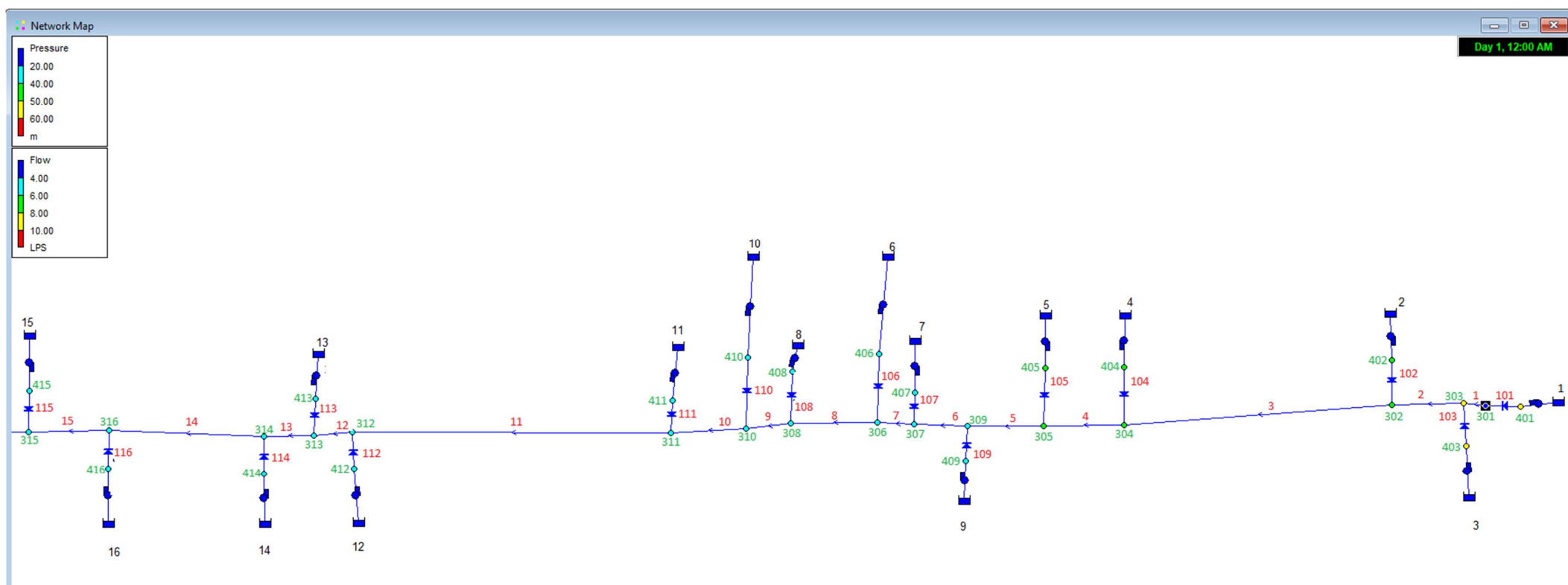
 = Høydebasseng/tank, her brukt som renseanlegg (RA)

 = Ledning med tilbakeslagsventil

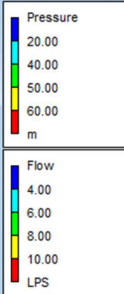
 = Retningspil for vannretningen, plassert på ledning

 = Node, her brukt som koblingspunkter og/eller bend

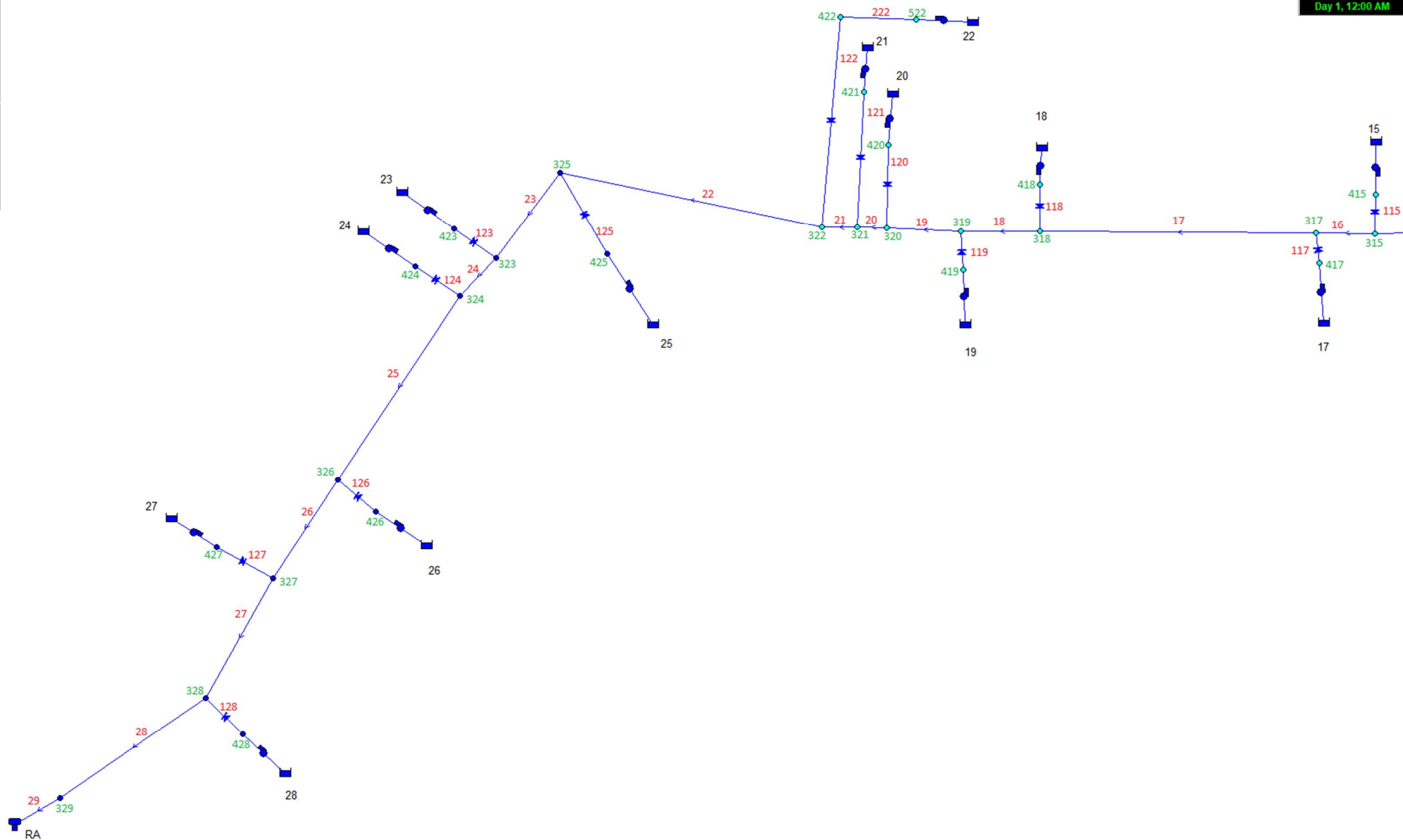
Under skjermbilde av modell kommer tabeller fra EpaNet.



Network Map



Day 1, 12:00 AM



Med samme pumpekurve

Scenario 1: Hele systemet går.

Vannføring og fart i ledninger:

| Link ID | Flow LPS | Velocity m/s |
|---------|-------------|-----------------|
| Pipe 1 | 0.01 | 0.00 |
| Pipe 2 | 0.01 | 0.01 |
| Pipe 3 | 0.02 | 0.01 |
| Pipe 4 | 0.03 | 0.02 |
| Pipe 5 | 0.04 | 0.02 |
| Pipe 6 | 0.05 | 0.02 |
| Pipe 7 | 0.06 | 0.03 |
| Pipe 8 | 0.07 | 0.03 |
| Pipe 9 | 0.08 | 0.04 |
| Pipe 10 | 0.09 | 0.04 |
| Pipe 11 | 0.11 | 0.05 |
| Pipe 12 | 0.12 | 0.06 |
| Pipe 13 | 0.14 | 0.07 |
| Pipe 14 | 0.16 | 0.08 |
| Pipe 15 | 0.19 | 0.09 |
| Pipe 16 | 0.23 | 0.11 |
| Pipe 17 | 0.27 | 0.13 |
| Pipe 18 | 0.33 | 0.16 |
| Pipe 19 | 0.39 | 0.19 |
| Pipe 20 | 0.46 | 0.22 |
| Pipe 21 | 0.55 | 0.27 |
| Pipe 22 | 0.65 | 0.32 |
| Pipe 23 | 0.93 | 0.45 |
| Pipe 24 | 1.27 | 0.61 |
| Pipe 25 | 1.71 | 0.83 |
| Pipe 26 | 3.38 | 1.63 |
| Pipe 27 | 5.79 | 2.79 |
| Pipe 28 | 8.39 | 4.04 |
| Pipe 29 | 8.39 | 4.04 |

| | | |
|----------|------|------|
| Pipe 110 | 0.01 | 0.01 |
| Pipe 108 | 0.01 | 0.01 |
| Pipe 107 | 0.01 | 0.00 |
| Pipe 109 | 0.01 | 0.00 |
| Pipe 111 | 0.01 | 0.01 |
| Pipe 112 | 0.02 | 0.01 |
| Pipe 101 | 0.01 | 0.00 |
| Pipe 103 | 0.01 | 0.00 |
| Pipe 102 | 0.01 | 0.00 |
| Pipe 104 | 0.01 | 0.00 |
| Pipe 105 | 0.01 | 0.00 |
| Pipe 113 | 0.02 | 0.01 |
| Pipe 114 | 0.02 | 0.01 |
| Pipe 116 | 0.03 | 0.01 |
| Pipe 115 | 0.04 | 0.02 |
| Pipe 117 | 0.05 | 0.02 |
| Pipe 118 | 0.05 | 0.03 |
| Pipe 119 | 0.06 | 0.03 |
| Pipe 120 | 0.08 | 0.04 |
| Pipe 222 | 0.10 | 0.05 |
| Pipe 121 | 0.09 | 0.04 |
| Pipe 125 | 0.28 | 0.14 |
| Pipe 123 | 0.34 | 0.16 |
| Pipe 124 | 0.44 | 0.21 |
| Pipe 126 | 1.66 | 0.80 |
| Pipe 127 | 2.41 | 1.16 |
| Pipe 128 | 2.60 | 1.25 |
| Pipe 122 | 0.10 | 0.05 |
| Pipe 106 | 0.01 | 0.00 |

Trykk i noder:

| Node ID | Pressure m |
|----------|---------------|
| Junc 301 | 57.99 |
| Junc 303 | 57.99 |
| Junc 302 | 57.99 |
| Junc 304 | 57.98 |
| Junc 305 | 57.98 |
| Junc 309 | 57.98 |
| Junc 307 | 57.98 |
| Junc 306 | 57.98 |
| Junc 308 | 57.98 |
| Junc 310 | 57.98 |
| Junc 311 | 57.98 |
| Junc 312 | 57.97 |
| Junc 313 | 57.97 |
| Junc 314 | 57.97 |
| Junc 316 | 57.95 |
| Junc 315 | 57.93 |
| Junc 317 | 57.91 |
| Junc 318 | 57.90 |
| Junc 319 | 57.89 |
| Junc 320 | 57.86 |
| Junc 422 | 57.81 |
| Junc 321 | 57.84 |
| Junc 322 | 57.81 |
| Junc 325 | 57.47 |
| Junc 323 | 57.37 |
| Junc 324 | 57.19 |
| Junc 326 | 54.81 |
| Junc 327 | 53.50 |
| Junc 328 | 51.36 |
| Junc 329 | 10.57 |
| Junc 428 | 53.79 |
| Junc 427 | 54.18 |
| Junc 426 | 55.40 |
| Junc 424 | 57.21 |
| Junc 423 | 57.39 |
| Junc 425 | 57.49 |
| Junc 420 | 57.86 |
| Junc 421 | 57.84 |
| Junc 522 | 57.82 |
| Junc 419 | 57.89 |

| | |
|----------|-------|
| Junc 418 | 57.90 |
| Junc 415 | 57.93 |
| Junc 417 | 57.91 |
| Junc 416 | 57.95 |
| Junc 414 | 57.97 |
| Junc 412 | 57.97 |
| Junc 413 | 57.97 |
| Junc 411 | 57.98 |
| Junc 410 | 57.98 |
| Junc 406 | 57.98 |
| Junc 408 | 57.98 |
| Junc 409 | 57.98 |
| Junc 407 | 57.98 |
| Junc 405 | 57.98 |
| Junc 404 | 57.98 |
| Junc 402 | 57.99 |
| Junc 403 | 57.99 |
| Junc 401 | 57.99 |

Scenario 2: Alle pumper i sone A

7, 25 og 20 – 12, 8 og 2.

Vannføring, fart og trykk i ledninger:

| Link ID | Flow LPS | Velocity m/s |
|---------|-------------|-----------------|
| Pipe 1 | 0.04 | 0.02 |
| Pipe 2 | 0.08 | 0.04 |
| Pipe 3 | 0.12 | 0.06 |
| Pipe 4 | 0.17 | 0.08 |
| Pipe 5 | 0.23 | 0.11 |
| Pipe 6 | 0.29 | 0.14 |
| Pipe 7 | 0.38 | 0.18 |
| Pipe 8 | 0.47 | 0.23 |
| Pipe 9 | 0.59 | 0.28 |
| Pipe 10 | 0.72 | 0.35 |
| Pipe 11 | 1.03 | 0.50 |
| Pipe 12 | 1.53 | 0.74 |
| Pipe 13 | 2.31 | 1.11 |
| Pipe 14 | 3.29 | 1.58 |
| Pipe 15 | 3.29 | 1.58 |
| Pipe 16 | 3.29 | 1.58 |
| Pipe 17 | 3.29 | 1.58 |
| Pipe 18 | 3.29 | 1.58 |
| Pipe 19 | 3.29 | 1.58 |
| Pipe 20 | 3.29 | 1.58 |
| Pipe 21 | 3.29 | 1.58 |
| Pipe 22 | 3.29 | 1.58 |
| Pipe 23 | 3.29 | 1.58 |
| Pipe 24 | 3.29 | 1.58 |
| Pipe 25 | 3.29 | 1.58 |
| Pipe 26 | 3.29 | 1.58 |
| Pipe 27 | 3.29 | 1.58 |
| Pipe 28 | 3.29 | 1.58 |
| Pipe 29 | 3.29 | 1.58 |

| | | |
|----------|------|------|
| Pipe 110 | 0.13 | 0.06 |
| Pipe 108 | 0.12 | 0.06 |
| Pipe 107 | 0.08 | 0.04 |
| Pipe 109 | 0.07 | 0.03 |
| Pipe 111 | 0.31 | 0.15 |
| Pipe 112 | 0.50 | 0.24 |
| Pipe 101 | 0.04 | 0.02 |
| Pipe 103 | 0.04 | 0.02 |
| Pipe 102 | 0.04 | 0.02 |
| Pipe 104 | 0.05 | 0.02 |
| Pipe 105 | 0.06 | 0.03 |
| Pipe 113 | 0.78 | 0.38 |
| Pipe 114 | 0.98 | 0.47 |
| Pipe 116 | 0.00 | 0.00 |
| Pipe 115 | 0.00 | 0.00 |
| Pipe 117 | 0.00 | 0.00 |
| Pipe 118 | 0.00 | 0.00 |
| Pipe 119 | 0.00 | 0.00 |
| Pipe 120 | 0.00 | 0.00 |
| Pipe 222 | 0.00 | 0.00 |
| Pipe 121 | 0.00 | 0.00 |
| Pipe 125 | 0.00 | 0.00 |
| Pipe 123 | 0.00 | 0.00 |
| Pipe 124 | 0.00 | 0.00 |
| Pipe 126 | 0.00 | 0.00 |
| Pipe 127 | 0.00 | 0.00 |
| Pipe 128 | 0.00 | 0.00 |
| Pipe 122 | 0.00 | 0.00 |
| Pipe 106 | 0.09 | 0.04 |

Trykk i noder:

| Node ID | Pressure m |
|----------|---------------|
| Junc 301 | 57.93 |
| Junc 303 | 57.93 |
| Junc 302 | 57.93 |
| Junc 304 | 57.91 |
| Junc 305 | 57.89 |
| Junc 309 | 57.88 |
| Junc 307 | 57.85 |
| Junc 306 | 57.83 |
| Junc 308 | 57.78 |
| Junc 310 | 57.74 |
| Junc 311 | 57.41 |
| Junc 312 | 57.06 |
| Junc 313 | 56.41 |
| Junc 314 | 56.07 |
| Junc 316 | 49.62 |
| Junc 315 | 46.27 |
| Junc 317 | 43.27 |
| Junc 318 | 42.04 |
| Junc 319 | 40.83 |
| Junc 320 | 38.77 |
| Junc 422 | 37.03 |
| Junc 321 | 37.95 |
| Junc 322 | 37.03 |
| Junc 325 | 29.29 |
| Junc 323 | 28.14 |
| Junc 324 | 26.93 |
| Junc 326 | 18.41 |
| Junc 327 | 17.17 |
| Junc 328 | 16.47 |
| Junc 329 | 10.09 |
| Junc 428 | 16.47 |
| Junc 427 | 17.17 |
| Junc 426 | 18.41 |
| Junc 424 | 26.93 |
| Junc 423 | 28.14 |
| Junc 425 | 29.29 |
| Junc 420 | 38.77 |
| Junc 421 | 37.95 |
| Junc 522 | 37.03 |
| Junc 419 | 40.83 |

| | |
|----------|-------|
| Junc 419 | 40.83 |
| Junc 418 | 42.04 |
| Junc 415 | 46.27 |
| Junc 417 | 43.27 |
| Junc 416 | 49.62 |
| Junc 414 | 56.24 |
| Junc 412 | 57.11 |
| Junc 413 | 56.59 |
| Junc 411 | 57.44 |
| Junc 410 | 57.76 |
| Junc 406 | 57.84 |
| Junc 408 | 57.79 |
| Junc 409 | 57.88 |
| Junc 407 | 57.85 |
| Junc 405 | 57.89 |
| Junc 404 | 57.91 |
| Junc 402 | 57.93 |
| Junc 403 | 57.93 |
| Junc 401 | 57.93 |

Scenario 3: Litt sone A litt B.

Pumper som går er nr. 27, 25, 20, 12, 10, 8 og 2.

Vannføring og fart i ledning:

| Link ID | Flow LPS | Velocity m/s |
|---------|-------------|-----------------|
| Pipe 1 | 0.00 | 0.00 |
| Pipe 2 | 0.00 | 0.00 |
| Pipe 3 | 0.12 | 0.06 |
| Pipe 4 | 0.12 | 0.06 |
| Pipe 5 | 0.12 | 0.06 |
| Pipe 6 | 0.12 | 0.06 |
| Pipe 7 | 0.12 | 0.06 |
| Pipe 8 | 0.12 | 0.06 |
| Pipe 9 | 0.27 | 0.13 |
| Pipe 10 | 0.41 | 0.20 |
| Pipe 11 | 0.41 | 0.20 |
| Pipe 12 | 0.66 | 0.32 |
| Pipe 13 | 0.66 | 0.32 |
| Pipe 14 | 0.66 | 0.32 |
| Pipe 15 | 0.66 | 0.32 |
| Pipe 16 | 0.66 | 0.32 |
| Pipe 17 | 0.66 | 0.32 |
| Pipe 18 | 0.66 | 0.32 |
| Pipe 19 | 0.66 | 0.32 |
| Pipe 20 | 1.29 | 0.62 |
| Pipe 21 | 1.29 | 0.62 |
| Pipe 22 | 1.29 | 0.62 |
| Pipe 23 | 2.78 | 1.34 |
| Pipe 24 | 2.78 | 1.34 |
| Pipe 25 | 2.78 | 1.34 |
| Pipe 26 | 2.78 | 1.34 |
| Pipe 27 | 7.47 | 3.60 |
| Pipe 28 | 7.47 | 3.60 |
| Pipe 29 | 7.47 | 3.60 |

| Link ID | Flow LPS | Velocity m/s |
|----------|-------------|-----------------|
| Pipe 110 | 0.14 | 0.07 |
| Pipe 108 | 0.15 | 0.07 |
| Pipe 107 | 0.00 | 0.00 |
| Pipe 109 | 0.00 | 0.00 |
| Pipe 111 | 0.00 | 0.00 |
| Pipe 112 | 0.24 | 0.12 |
| Pipe 101 | 0.00 | 0.00 |
| Pipe 103 | 0.00 | 0.00 |
| Pipe 102 | 0.12 | 0.06 |
| Pipe 104 | 0.00 | 0.00 |
| Pipe 105 | 0.00 | 0.00 |
| Pipe 113 | 0.00 | 0.00 |
| Pipe 114 | 0.00 | 0.00 |
| Pipe 116 | 0.00 | 0.00 |
| Pipe 115 | 0.00 | 0.00 |
| Pipe 117 | 0.00 | 0.00 |
| Pipe 118 | 0.00 | 0.00 |
| Pipe 119 | 0.00 | 0.00 |
| Pipe 120 | 0.64 | 0.31 |
| Pipe 222 | 0.00 | 0.00 |
| Pipe 121 | 0.00 | 0.00 |
| Pipe 125 | 1.49 | 0.72 |
| Pipe 123 | 0.00 | 0.00 |
| Pipe 124 | 0.00 | 0.00 |
| Pipe 126 | 0.00 | 0.00 |
| Pipe 127 | 4.69 | 2.26 |
| Pipe 128 | 0.00 | 0.00 |
| Pipe 122 | 0.00 | 0.00 |
| Pipe 106 | 0.00 | 0.00 |

Trykk i noder:

| Node ID | Pressure m |
|----------|---------------|
| Junc 301 | 57.77 |
| Junc 303 | 57.77 |
| Junc 302 | 57.77 |
| Junc 304 | 57.75 |
| Junc 305 | 57.75 |
| Junc 309 | 57.74 |
| Junc 307 | 57.74 |
| Junc 306 | 57.74 |
| Junc 308 | 57.73 |
| Junc 310 | 57.72 |
| Junc 311 | 57.61 |
| Junc 312 | 57.55 |
| Junc 313 | 57.42 |
| Junc 314 | 57.39 |
| Junc 316 | 57.11 |
| Junc 315 | 56.96 |
| Junc 317 | 56.83 |
| Junc 318 | 56.78 |
| Junc 319 | 56.73 |
| Junc 320 | 56.64 |
| Junc 422 | 56.35 |
| Junc 321 | 56.50 |
| Junc 322 | 56.35 |
| Junc 325 | 55.11 |
| Junc 323 | 54.28 |
| Junc 324 | 53.41 |
| Junc 326 | 47.29 |
| Junc 327 | 46.39 |
| Junc 328 | 42.84 |
| Junc 329 | 10.46 |
| Junc 428 | 42.84 |
| Junc 427 | 48.93 |
| Junc 426 | 47.29 |
| Junc 424 | 53.41 |
| Junc 423 | 54.28 |
| Junc 425 | 55.62 |
| Junc 420 | 56.85 |
| Junc 421 | 56.50 |
| Junc 522 | 56.35 |
| Junc 419 | 56.73 |

| | |
|----------|-------|
| Junc 418 | 56.78 |
| Junc 415 | 56.96 |
| Junc 417 | 56.83 |
| Junc 416 | 57.11 |
| Junc 414 | 57.39 |
| Junc 412 | 57.56 |
| Junc 413 | 57.42 |
| Junc 411 | 57.61 |
| Junc 410 | 57.74 |
| Junc 406 | 57.74 |
| Junc 408 | 57.74 |
| Junc 409 | 57.74 |
| Junc 407 | 57.74 |
| Junc 405 | 57.75 |
| Junc 404 | 57.75 |
| Junc 402 | 57.78 |
| Junc 403 | 57.77 |
| Junc 401 | 57.77 |

Scenario 4: pumpe 1 går alene.

Vannføring og fart i ledninger:

| Link ID | Flow LPS | Velocity m/s |
|---------|-------------|-----------------|
| Pipe 1 | 2.20 | 1.06 |
| Pipe 2 | 2.20 | 1.06 |
| Pipe 3 | 2.20 | 1.06 |
| Pipe 4 | 2.20 | 1.06 |
| Pipe 5 | 2.20 | 1.06 |
| Pipe 6 | 2.20 | 1.06 |
| Pipe 7 | 2.20 | 1.06 |
| Pipe 8 | 2.20 | 1.06 |
| Pipe 9 | 2.20 | 1.06 |
| Pipe 10 | 2.20 | 1.06 |
| Pipe 11 | 2.20 | 1.06 |
| Pipe 12 | 2.20 | 1.06 |
| Pipe 13 | 2.20 | 1.06 |
| Pipe 14 | 2.20 | 1.06 |
| Pipe 15 | 2.20 | 1.06 |
| Pipe 16 | 2.20 | 1.06 |
| Pipe 17 | 2.20 | 1.06 |
| Pipe 18 | 2.20 | 1.06 |
| Pipe 19 | 2.20 | 1.06 |
| Pipe 20 | 2.20 | 1.06 |
| Pipe 21 | 2.20 | 1.06 |
| Pipe 22 | 2.20 | 1.06 |
| Pipe 23 | 2.20 | 1.06 |
| Pipe 24 | 2.20 | 1.06 |
| Pipe 25 | 2.20 | 1.06 |
| Pipe 26 | 2.20 | 1.06 |
| Pipe 27 | 2.20 | 1.06 |
| Pipe 28 | 2.20 | 1.06 |
| Pipe 29 | 2.20 | 1.06 |

| Link ID | Flow LPS | Velocity m/s |
|----------|-------------|-----------------|
| Pipe 110 | 0.00 | 0.00 |
| Pipe 108 | 0.00 | 0.00 |
| Pipe 107 | 0.00 | 0.00 |
| Pipe 109 | 0.00 | 0.00 |
| Pipe 111 | 0.00 | 0.00 |
| Pipe 112 | 0.00 | 0.00 |
| Pipe 101 | 2.20 | 1.06 |
| Pipe 103 | 0.00 | 0.00 |
| Pipe 102 | 0.00 | 0.00 |
| Pipe 104 | 0.00 | 0.00 |
| Pipe 105 | 0.00 | 0.00 |
| Pipe 113 | 0.00 | 0.00 |
| Pipe 114 | 0.00 | 0.00 |
| Pipe 116 | 0.00 | 0.00 |
| Pipe 115 | 0.00 | 0.00 |
| Pipe 117 | 0.00 | 0.00 |
| Pipe 118 | 0.00 | 0.00 |
| Pipe 119 | 0.00 | 0.00 |
| Pipe 120 | 0.00 | 0.00 |

Trykk i noder:

| Node ID | Pressure m |
|----------|---------------|
| Junc 301 | 54.44 |
| Junc 303 | 51.99 |
| Junc 302 | 49.03 |
| Junc 304 | 43.75 |
| Junc 305 | 41.17 |
| Junc 309 | 40.38 |
| Junc 307 | 38.83 |
| Junc 306 | 38.42 |
| Junc 308 | 37.45 |
| Junc 310 | 36.93 |
| Junc 311 | 34.07 |
| Junc 312 | 32.54 |
| Junc 313 | 31.22 |
| Junc 314 | 30.91 |
| Junc 316 | 27.98 |
| Junc 315 | 26.46 |
| Junc 317 | 25.10 |
| Junc 318 | 24.54 |
| Junc 319 | 23.99 |
| Junc 320 | 23.06 |
| Junc 422 | 22.27 |
| Junc 321 | 22.69 |
| Junc 322 | 22.27 |
| Junc 325 | 18.75 |
| Junc 323 | 18.23 |
| Junc 324 | 17.68 |
| Junc 326 | 13.82 |

| | |
|----------|-------|
| Junc 327 | 13.25 |
| Junc 328 | 12.93 |
| Junc 329 | 10.04 |
| Junc 428 | 12.93 |
| Junc 427 | 13.25 |
| Junc 426 | 13.82 |
| Junc 424 | 17.68 |
| Junc 423 | 18.23 |
| Junc 425 | 18.75 |
| Junc 420 | 23.06 |
| Junc 421 | 22.69 |
| Junc 522 | 22.27 |
| Junc 419 | 23.99 |
| Junc 418 | 24.54 |
| Junc 415 | 26.46 |
| Junc 417 | 25.10 |
| Junc 416 | 27.98 |
| Junc 414 | 30.91 |
| Junc 412 | 32.54 |
| Junc 413 | 31.22 |
| Junc 411 | 34.07 |
| Junc 410 | 36.93 |
| Junc 406 | 38.42 |
| Junc 408 | 37.45 |
| Junc 409 | 40.38 |
| Junc 407 | 38.83 |
| Junc 405 | 41.17 |
| Junc 404 | 43.75 |
| Junc 402 | 49.03 |
| Junc 403 | 51.99 |
| Junc 401 | 54.60 |

Scenario 5: Tre pumper går (pumpe 1, 23 og 24)

Vannføring og fart i ledninger:

| Link ID | Flow LPS | Velocity m/s |
|---------|-------------|-----------------|
| Pipe 1 | 0.59 | 0.28 |
| Pipe 2 | 0.59 | 0.28 |
| Pipe 3 | 0.59 | 0.28 |
| Pipe 4 | 0.59 | 0.28 |
| Pipe 5 | 0.59 | 0.28 |
| Pipe 6 | 0.59 | 0.28 |
| Pipe 7 | 0.59 | 0.28 |
| Pipe 8 | 0.59 | 0.28 |
| Pipe 9 | 0.59 | 0.28 |
| Pipe 10 | 0.59 | 0.28 |
| Pipe 11 | 0.59 | 0.28 |
| Pipe 12 | 0.59 | 0.28 |
| Pipe 13 | 0.59 | 0.28 |
| Pipe 14 | 0.59 | 0.28 |
| Pipe 15 | 0.59 | 0.28 |
| Pipe 16 | 0.59 | 0.28 |
| Pipe 17 | 0.59 | 0.28 |
| Pipe 18 | 0.59 | 0.28 |
| Pipe 19 | 0.59 | 0.28 |
| Pipe 20 | 0.59 | 0.28 |
| Pipe 21 | 0.59 | 0.28 |
| Pipe 22 | 0.59 | 0.28 |
| Pipe 23 | 0.59 | 0.28 |
| Pipe 24 | 2.76 | 1.33 |
| Pipe 25 | 5.28 | 2.55 |
| Pipe 26 | 5.28 | 2.55 |
| Pipe 27 | 5.28 | 2.55 |
| Pipe 28 | 5.28 | 2.55 |
| Pipe 29 | 5.28 | 2.55 |

| | | |
|----------|------|------|
| Pipe 110 | 0.00 | 0.00 |
| Pipe 108 | 0.00 | 0.00 |
| Pipe 107 | 0.00 | 0.00 |
| Pipe 109 | 0.00 | 0.00 |
| Pipe 111 | 0.00 | 0.00 |
| Pipe 112 | 0.00 | 0.00 |
| Pipe 101 | 0.59 | 0.28 |
| Pipe 103 | 0.00 | 0.00 |
| Pipe 102 | 0.00 | 0.00 |
| Pipe 104 | 0.00 | 0.00 |
| Pipe 105 | 0.00 | 0.00 |
| Pipe 113 | 0.00 | 0.00 |
| Pipe 114 | 0.00 | 0.00 |
| Pipe 116 | 0.00 | 0.00 |
| Pipe 115 | 0.00 | 0.00 |
| Pipe 117 | 0.00 | 0.00 |
| Pipe 118 | 0.00 | 0.00 |
| Pipe 119 | 0.00 | 0.00 |
| Pipe 120 | 0.00 | 0.00 |
| Pipe 222 | 0.00 | 0.00 |
| Pipe 121 | 0.00 | 0.00 |
| Pipe 125 | 0.00 | 0.00 |
| Pipe 123 | 2.18 | 1.05 |
| Pipe 124 | 2.52 | 1.22 |
| Pipe 126 | 0.00 | 0.00 |
| Pipe 127 | 0.00 | 0.00 |
| Pipe 128 | 0.00 | 0.00 |
| Pipe 122 | 0.00 | 0.00 |
| Pipe 106 | 0.00 | 0.00 |

Trykk i noder:

| Node ID | Pressure m |
|----------|---------------|
| Junc 301 | 56.93 |
| Junc 303 | 56.74 |
| Junc 302 | 56.51 |
| Junc 304 | 56.10 |
| Junc 305 | 55.90 |
| Junc 309 | 55.84 |
| Junc 307 | 55.72 |
| Junc 306 | 55.69 |
| Junc 308 | 55.61 |
| Junc 310 | 55.57 |
| Junc 311 | 55.35 |
| Junc 312 | 55.23 |
| Junc 313 | 55.13 |
| Junc 314 | 55.11 |
| Junc 316 | 54.88 |
| Junc 315 | 54.76 |
| Junc 317 | 54.66 |
| Junc 318 | 54.61 |
| Junc 319 | 54.57 |
| Junc 320 | 54.50 |
| Junc 422 | 54.44 |
| Junc 321 | 54.47 |
| Junc 322 | 54.44 |
| Junc 325 | 54.17 |
| Junc 323 | 54.13 |
| Junc 324 | 53.27 |
| Junc 326 | 31.50 |

| | |
|----------|-------|
| Junc 327 | 28.31 |
| Junc 328 | 26.52 |
| Junc 329 | 10.23 |
| Junc 428 | 26.52 |
| Junc 427 | 28.31 |
| Junc 426 | 31.50 |
| Junc 424 | 53.96 |
| Junc 423 | 54.64 |
| Junc 425 | 54.17 |
| Junc 420 | 54.50 |
| Junc 421 | 54.47 |
| Junc 522 | 54.44 |
| Junc 419 | 54.57 |
| Junc 418 | 54.61 |
| Junc 415 | 54.76 |
| Junc 417 | 54.66 |
| Junc 416 | 54.88 |
| Junc 414 | 55.11 |
| Junc 412 | 55.23 |
| Junc 413 | 55.13 |
| Junc 411 | 55.35 |
| Junc 410 | 55.57 |
| Junc 406 | 55.69 |
| Junc 408 | 55.61 |
| Junc 409 | 55.84 |
| Junc 407 | 55.72 |
| Junc 405 | 55.90 |
| Junc 404 | 56.10 |
| Junc 402 | 56.51 |
| Junc 403 | 56.74 |
| Junc 401 | 56.94 |

Scenario 6: Ingen pumper går.

Trykk i noder:

| Node ID | Pressure m | Node ID | Pressure m |
|----------|---------------|----------|---------------|
| Junc 301 | 10.00 | Junc 327 | 10.00 |
| Junc 303 | 10.00 | Junc 328 | 10.00 |
| Junc 302 | 10.00 | Junc 329 | 10.00 |
| Junc 304 | 10.00 | Junc 428 | 10.00 |
| Junc 305 | 10.00 | Junc 427 | 10.00 |
| Junc 309 | 10.00 | Junc 426 | 10.00 |
| Junc 307 | 10.00 | Junc 424 | 10.00 |
| Junc 306 | 10.00 | Junc 423 | 10.00 |
| Junc 308 | 10.00 | Junc 425 | 10.00 |
| Junc 310 | 10.00 | Junc 420 | 10.00 |
| Junc 311 | 10.00 | Junc 421 | 10.00 |
| Junc 312 | 10.00 | Junc 522 | 10.00 |
| Junc 313 | 10.00 | Junc 419 | 10.00 |
| Junc 314 | 10.00 | Junc 418 | 10.00 |
| Junc 316 | 10.00 | Junc 415 | 10.00 |
| Junc 315 | 10.00 | Junc 417 | 10.00 |
| Junc 317 | 10.00 | Junc 416 | 10.00 |
| Junc 318 | 10.00 | Junc 414 | 10.00 |
| Junc 319 | 10.00 | Junc 412 | 10.00 |
| Junc 320 | 10.00 | Junc 413 | 10.00 |
| Junc 422 | 10.00 | Junc 411 | 10.00 |
| Junc 321 | 10.00 | Junc 410 | 10.00 |
| Junc 322 | 10.00 | Junc 406 | 10.00 |
| Junc 325 | 10.00 | Junc 408 | 10.00 |
| Junc 323 | 10.00 | Junc 409 | 10.00 |
| Junc 324 | 10.00 | Junc 407 | 10.00 |
| Junc 326 | 10.00 | Junc 405 | 10.00 |
| | | Junc 404 | 10.00 |
| | | Junc 402 | 10.00 |
| | | Junc 403 | 10.00 |
| | | Junc 401 | 10.00 |