



PUC 2017 COMUNE DI CARLOFORTE

Piano Urbanistico Comunale

Legge Regionale n. 45/1989 e s.m.i.



aprile 2017

PUC adottato con
DCC n. 9 del 26/04/2017

Elaborato A48

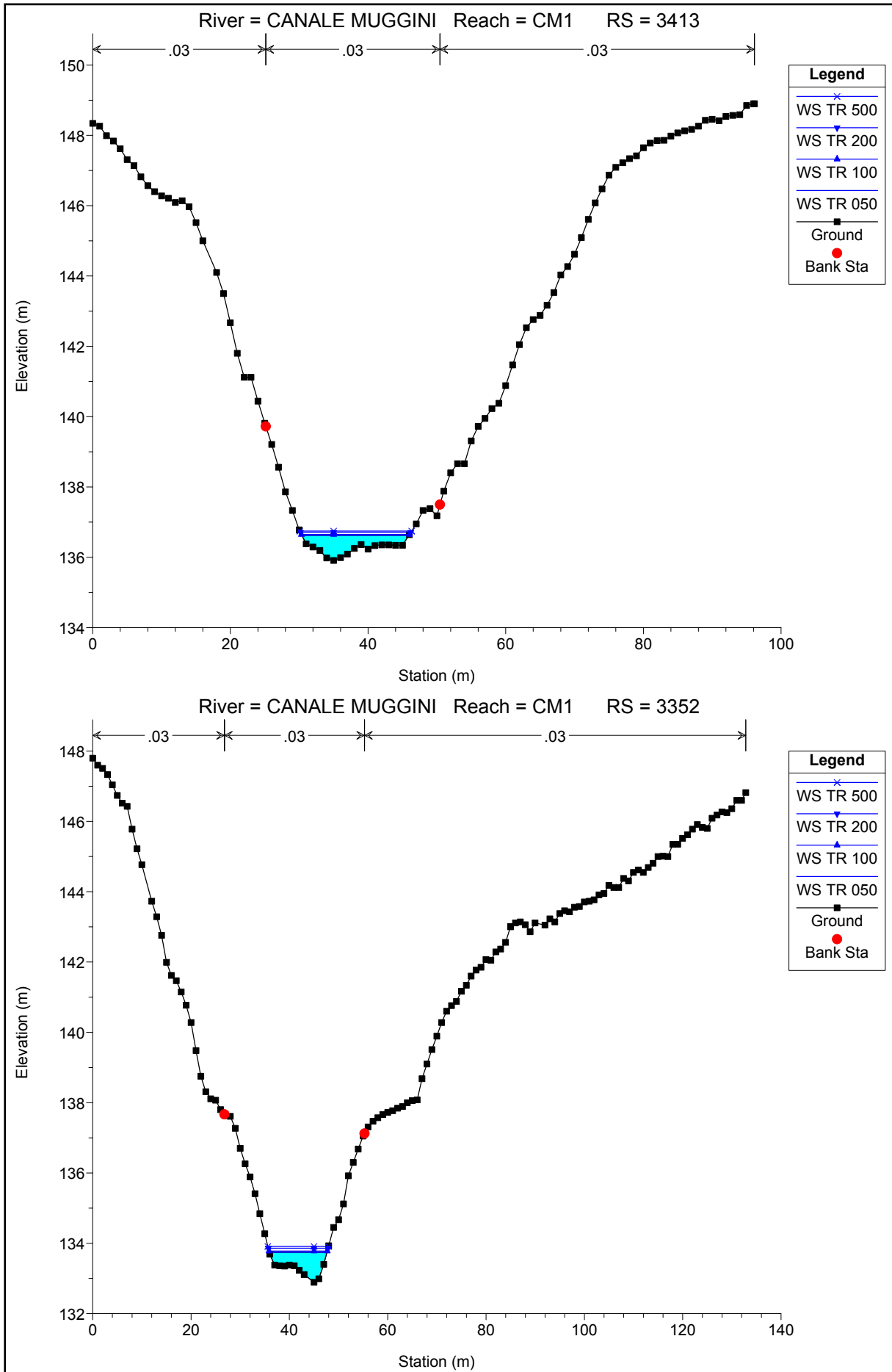
Doc. 14 - Risultati della modellazione idraulica Canale 3 e 4 - dei Muggini

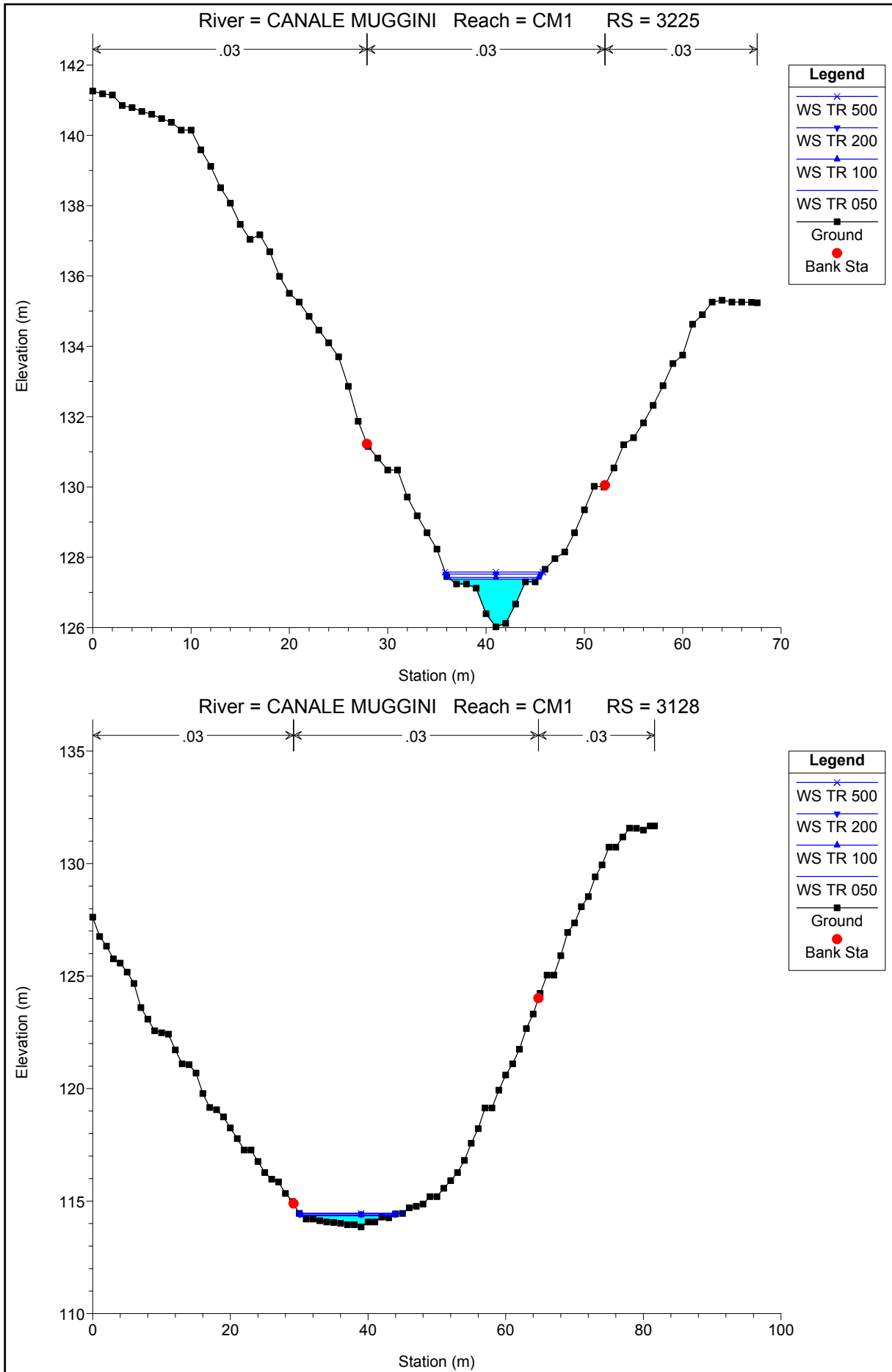
A48.DOC. 14 - PARTE 1

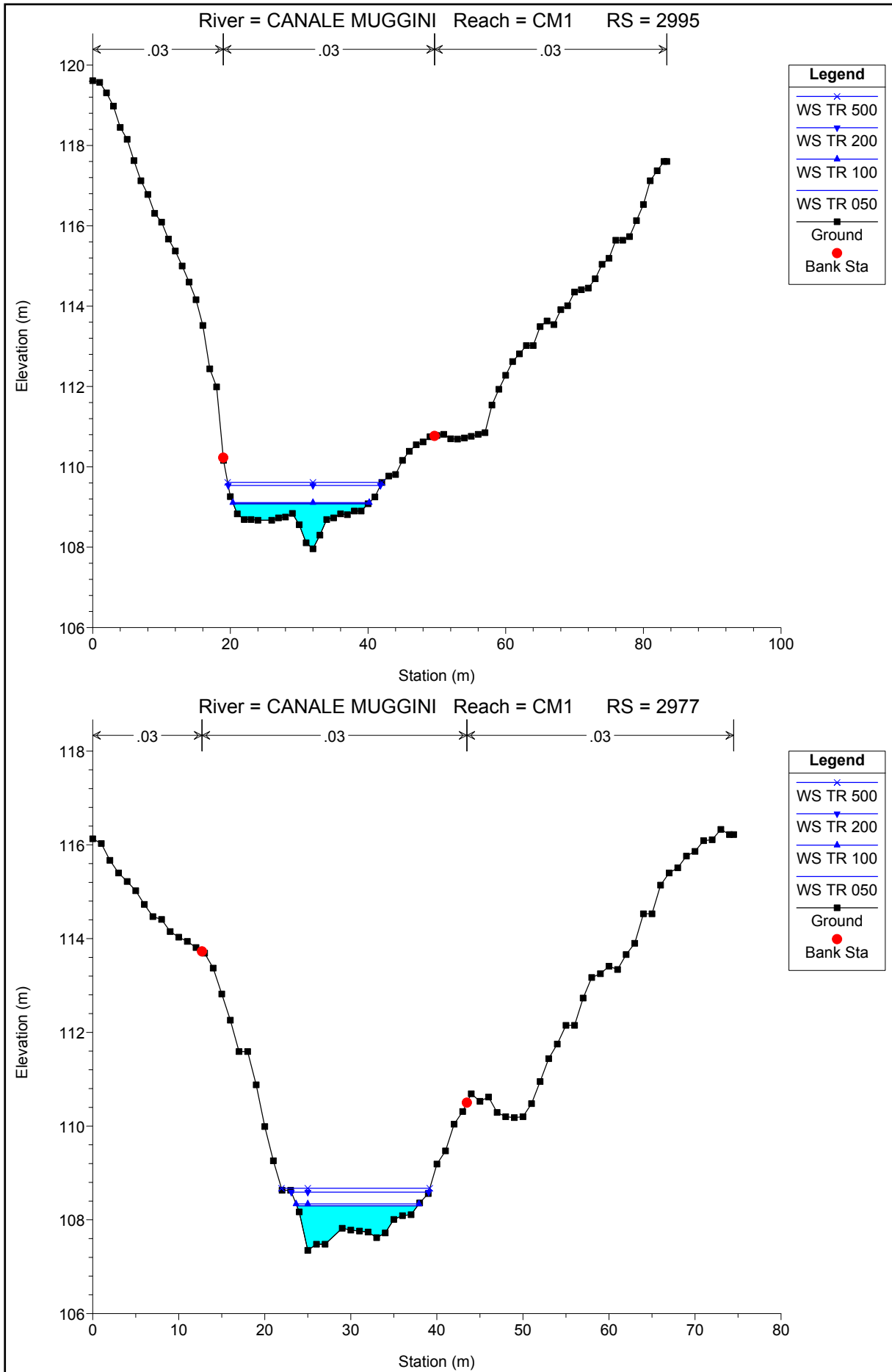
Risultati della modellazione idraulica

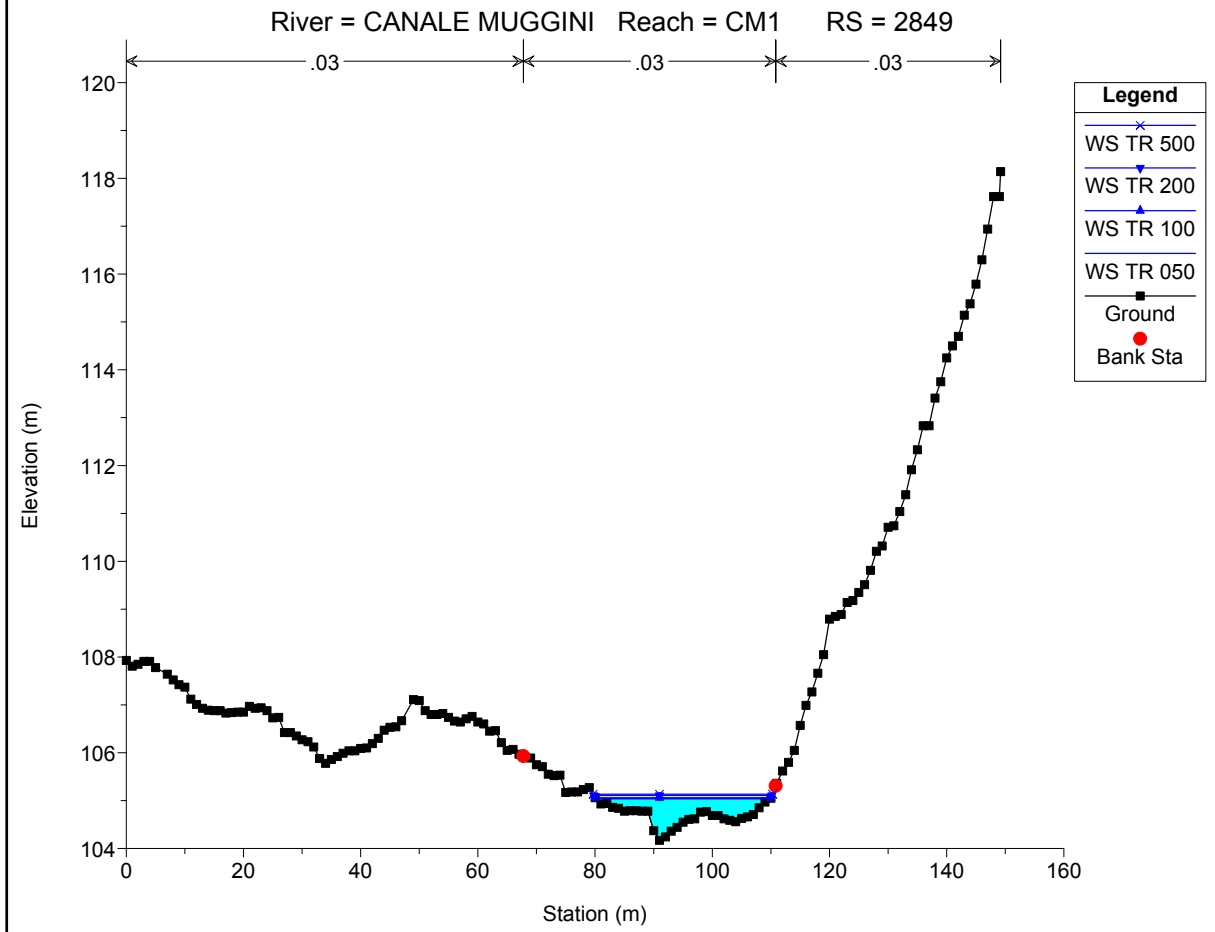
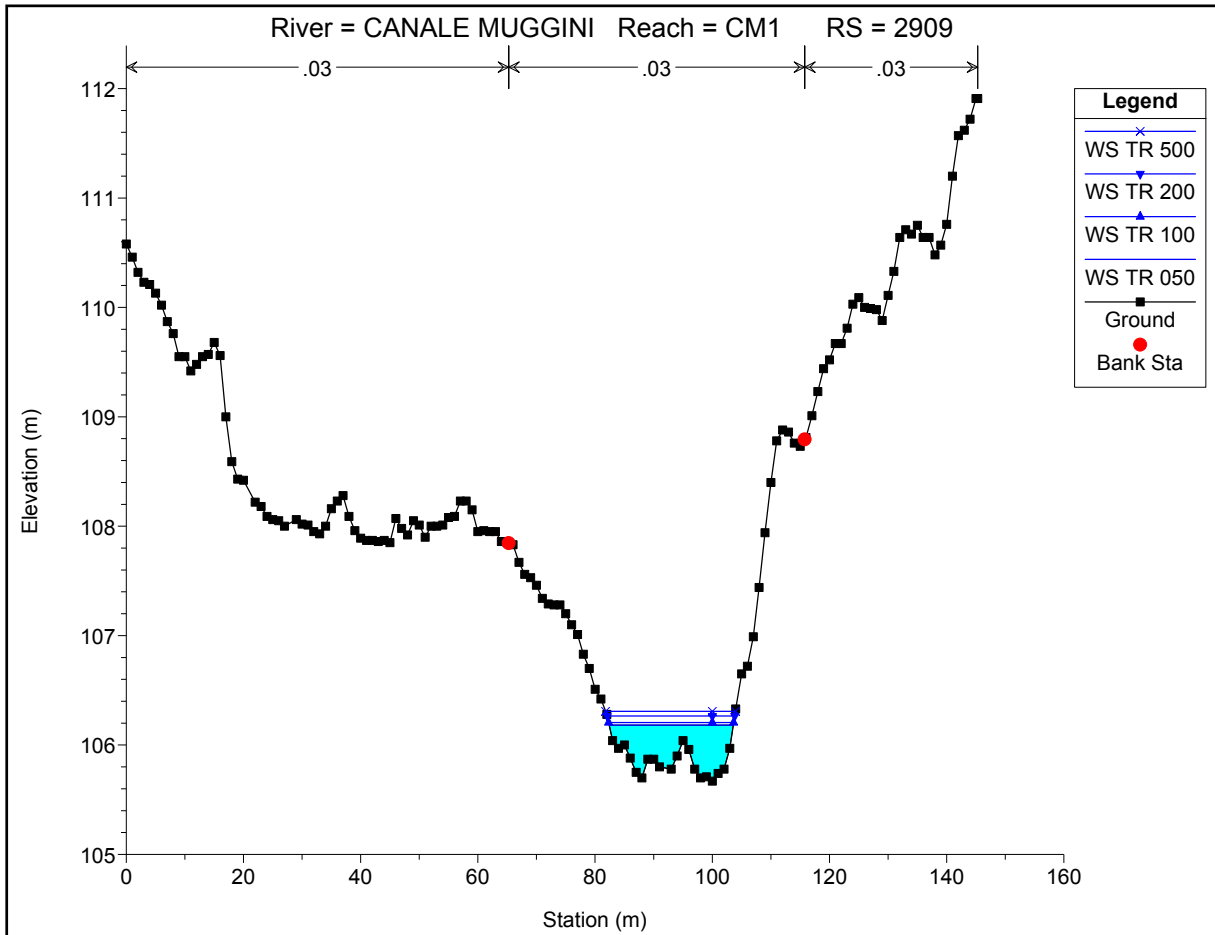
CANALE3-4 - DEI MUGGINI

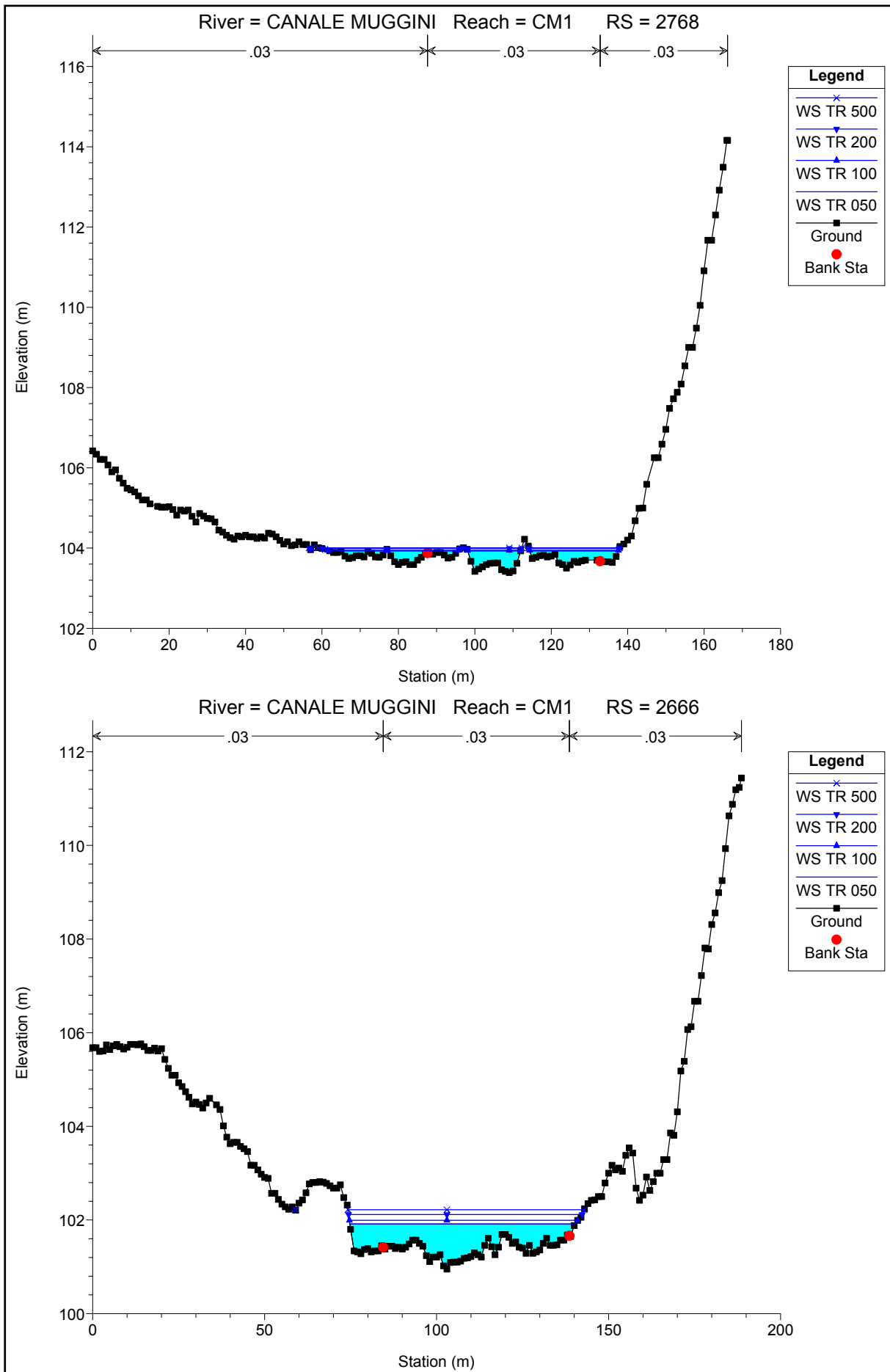
Sezioni trasversali e relativi livelli di piena

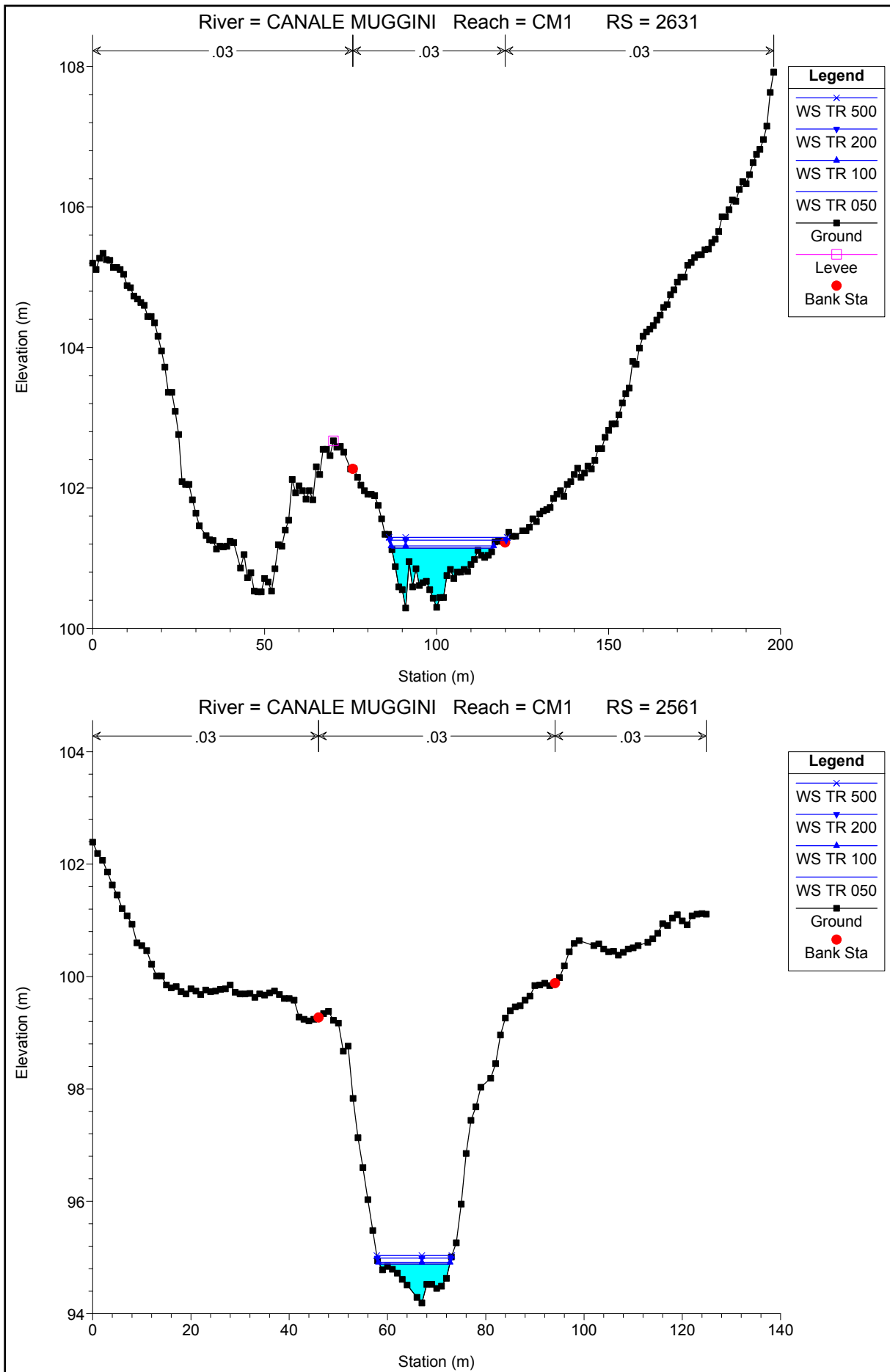


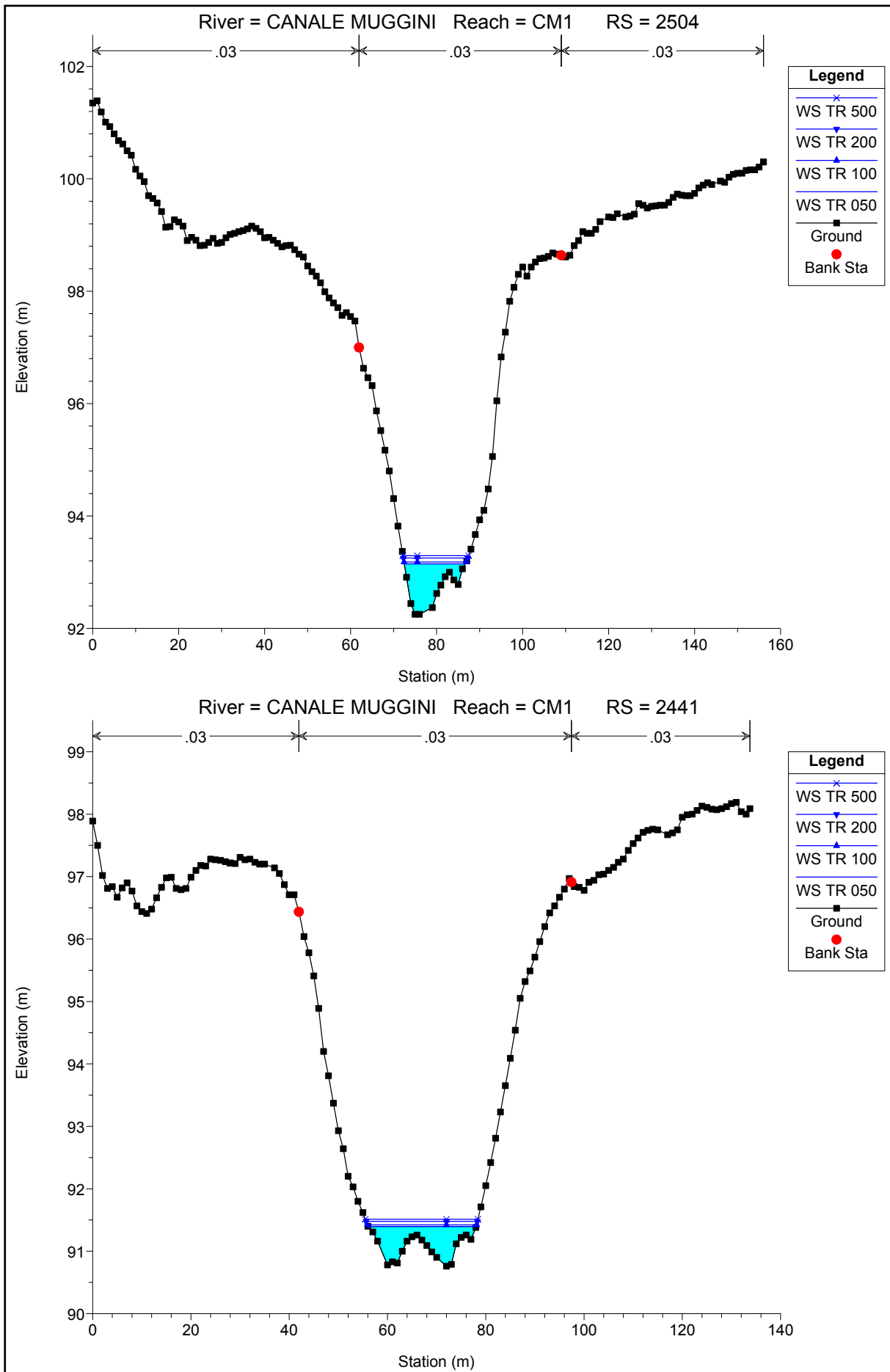


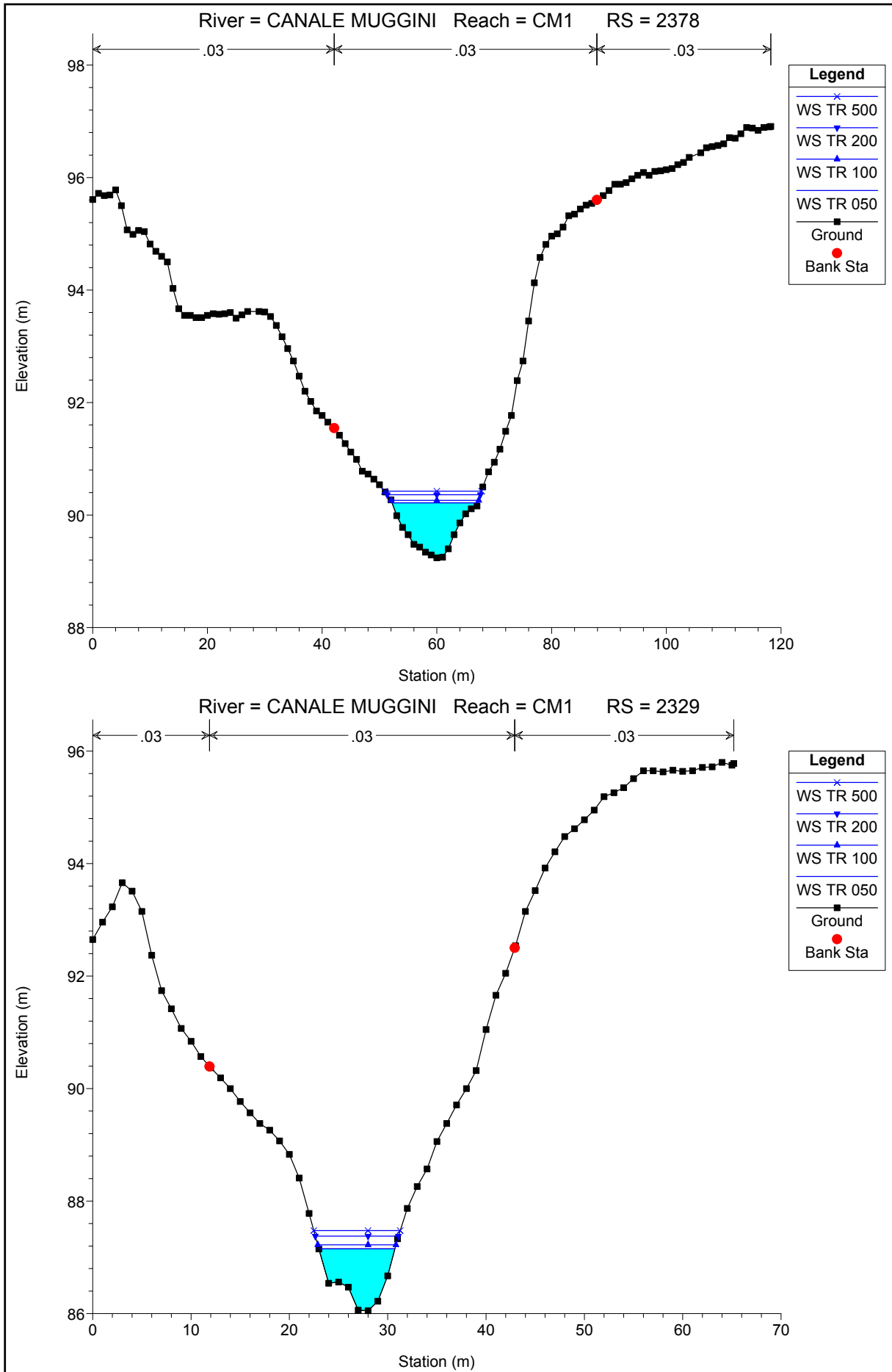


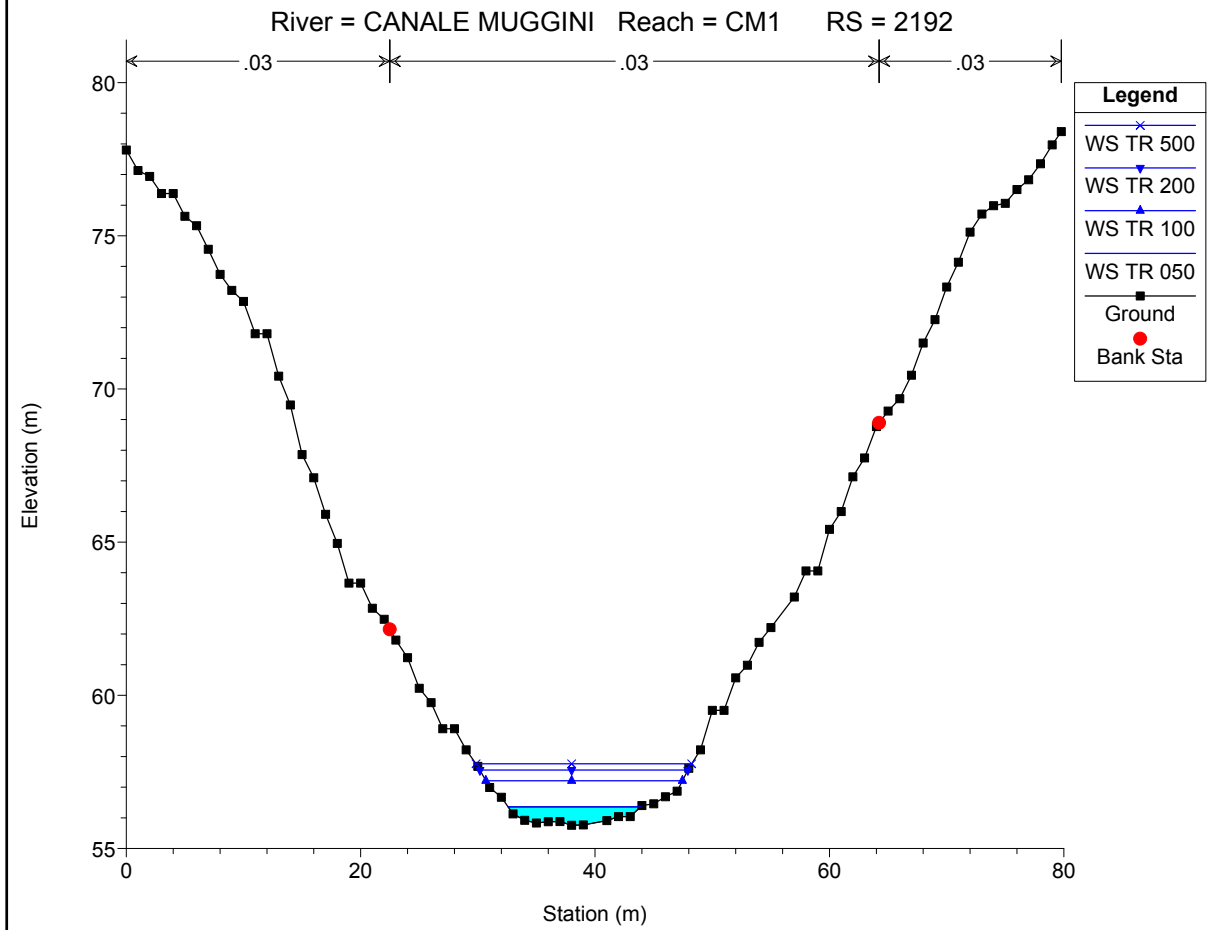
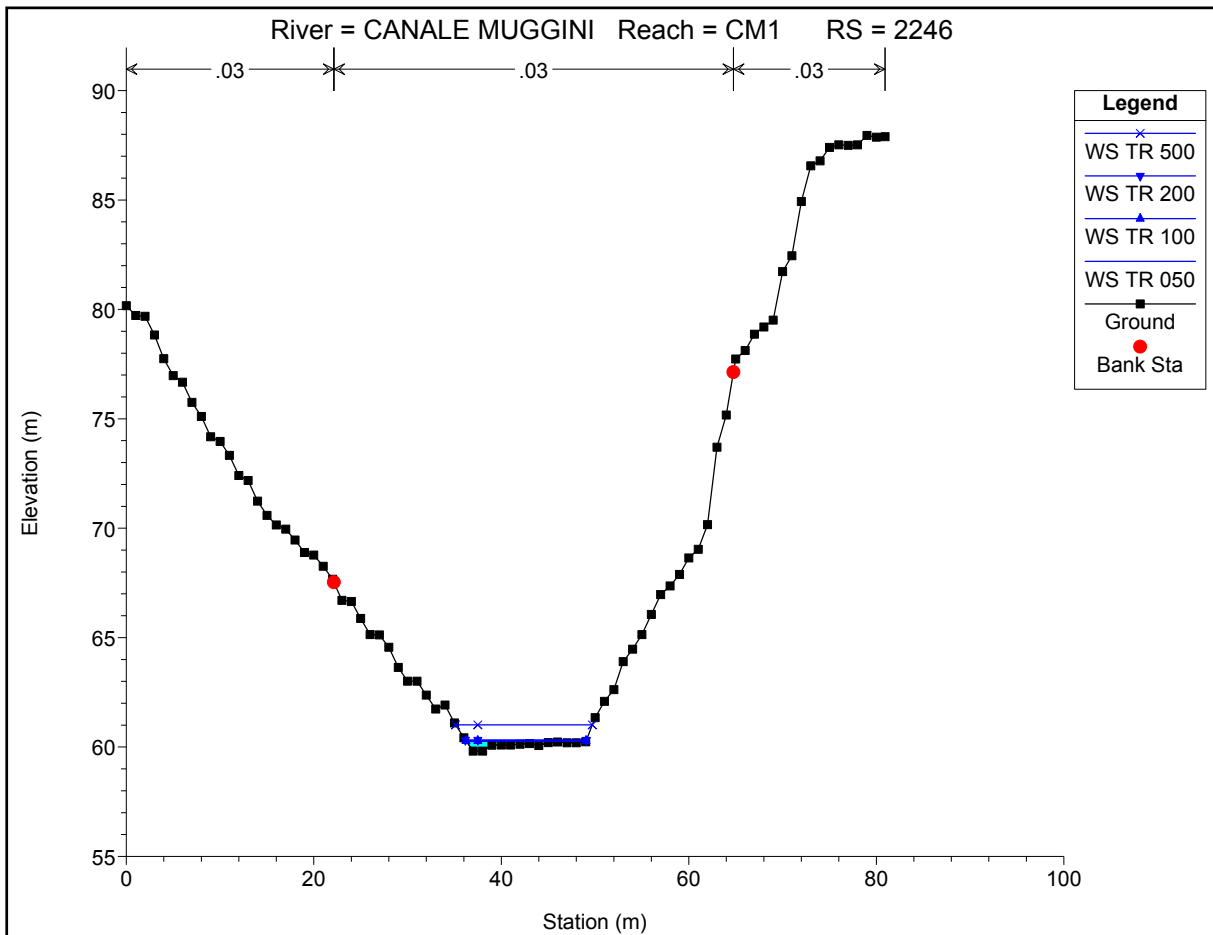


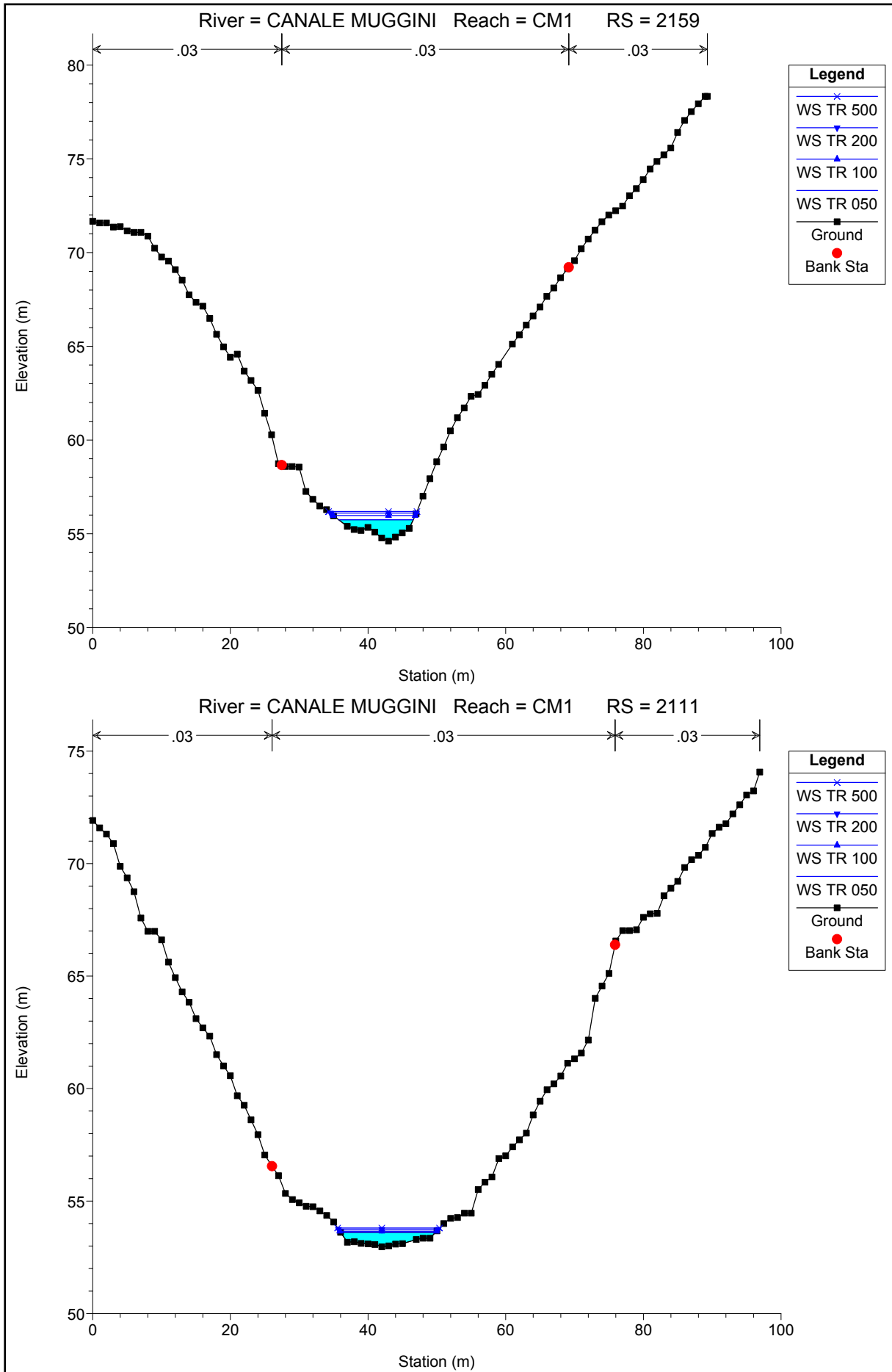


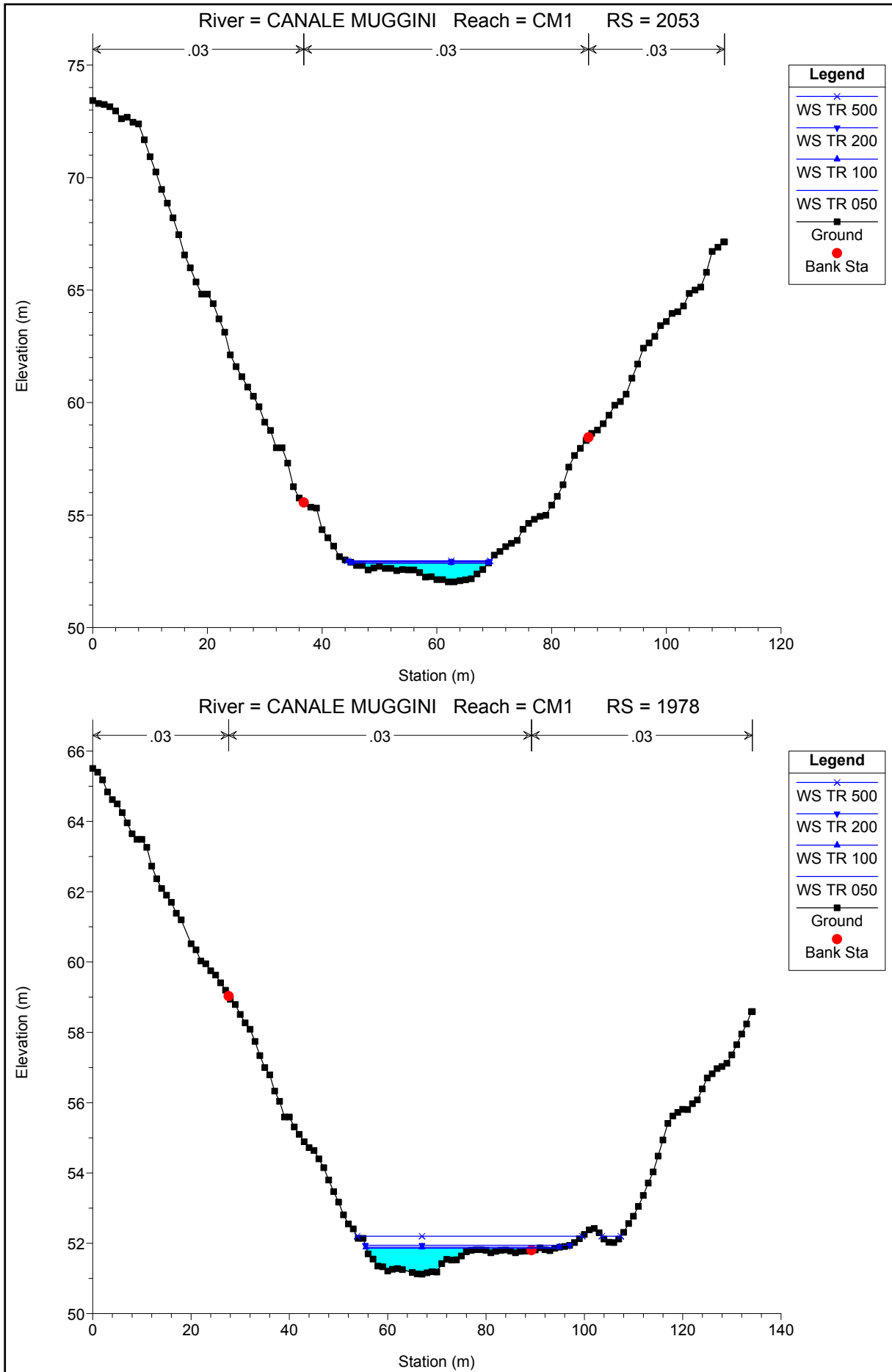


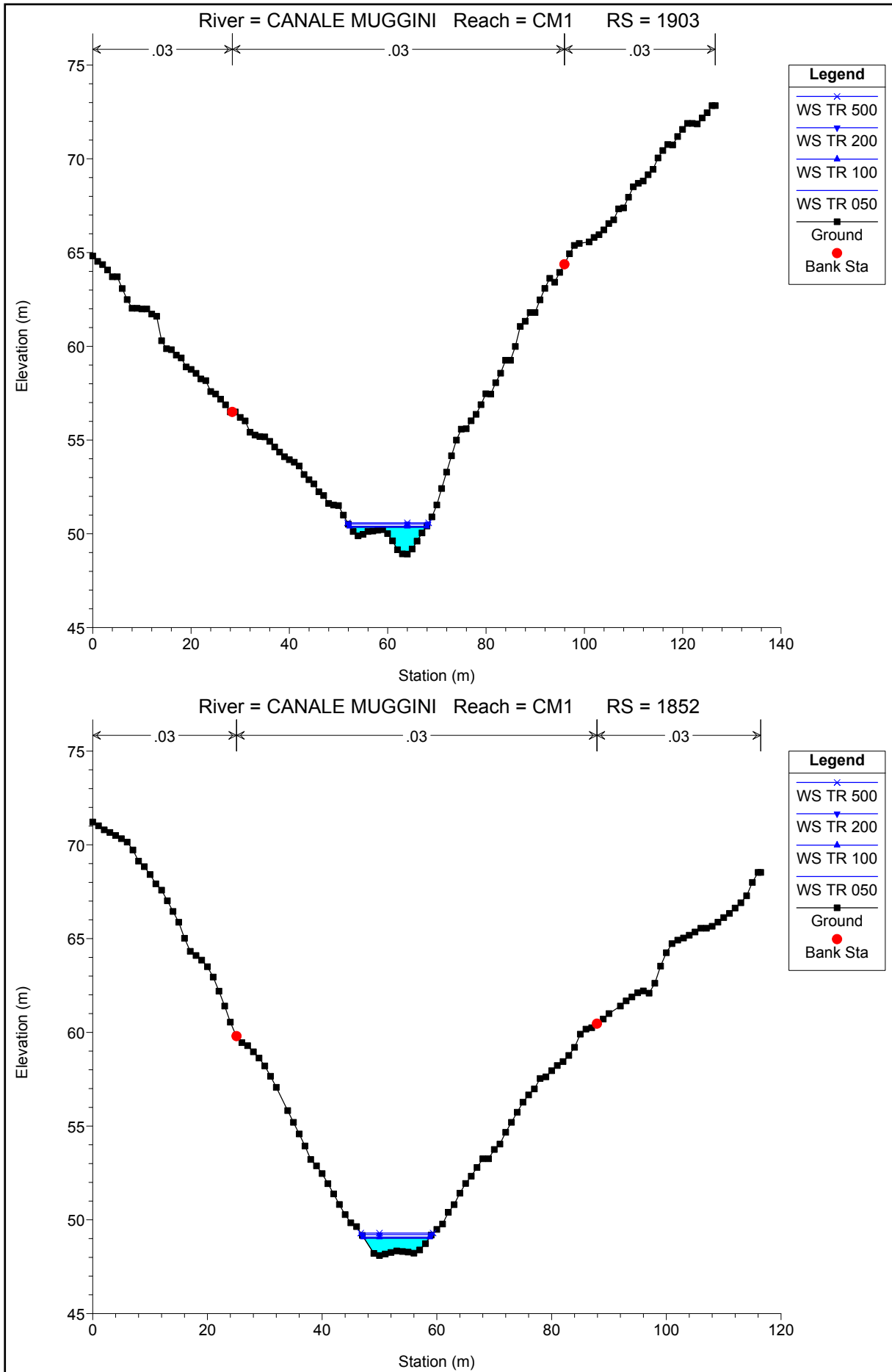


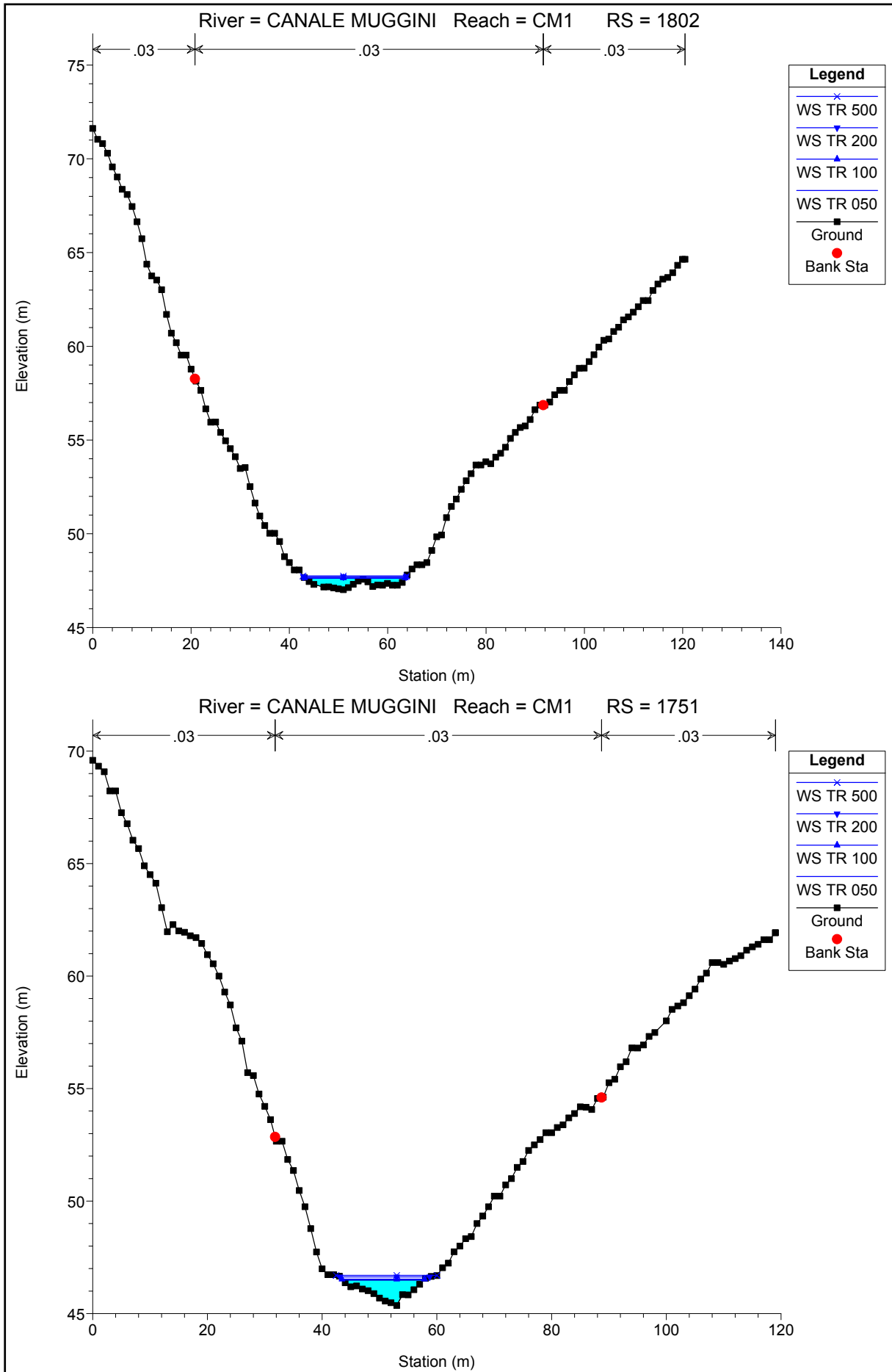


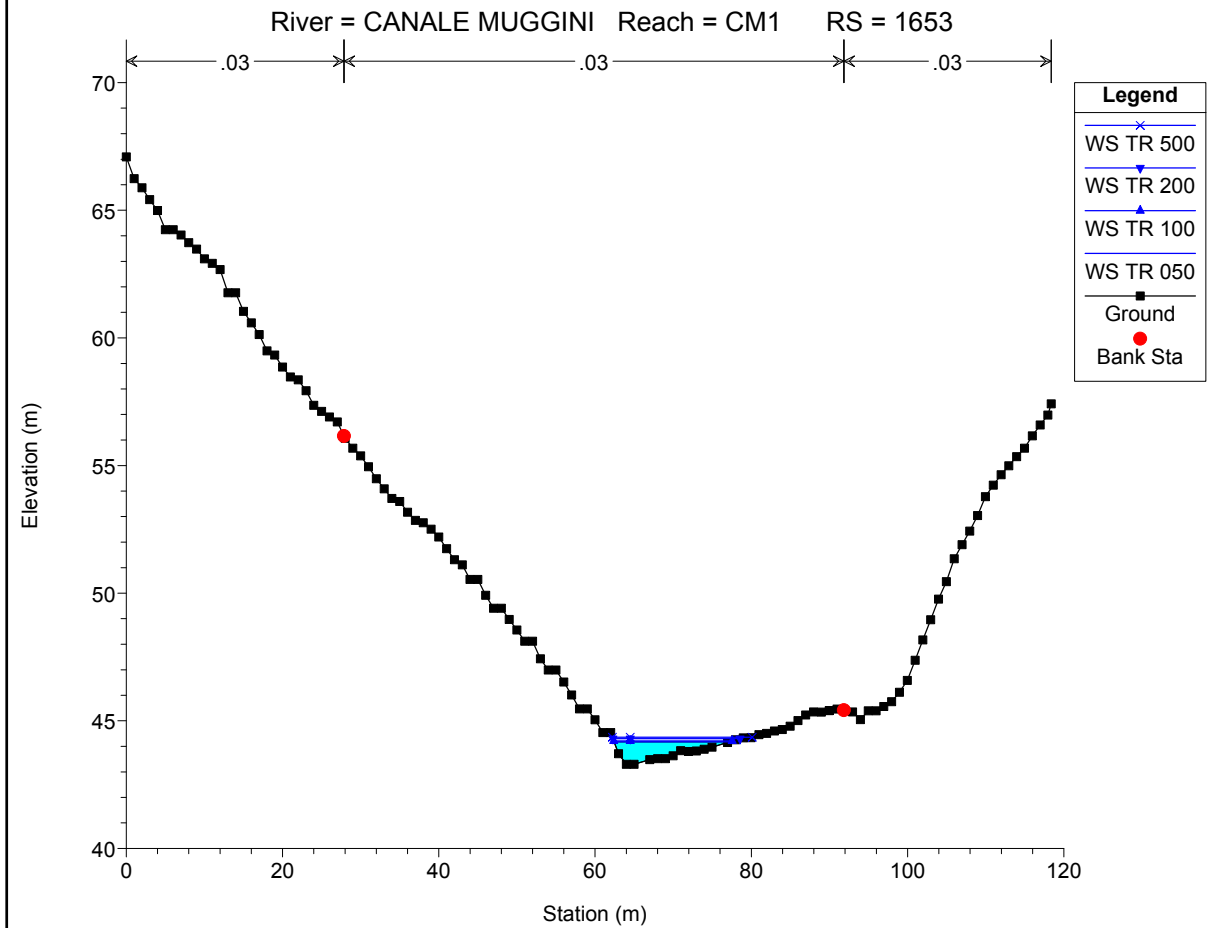
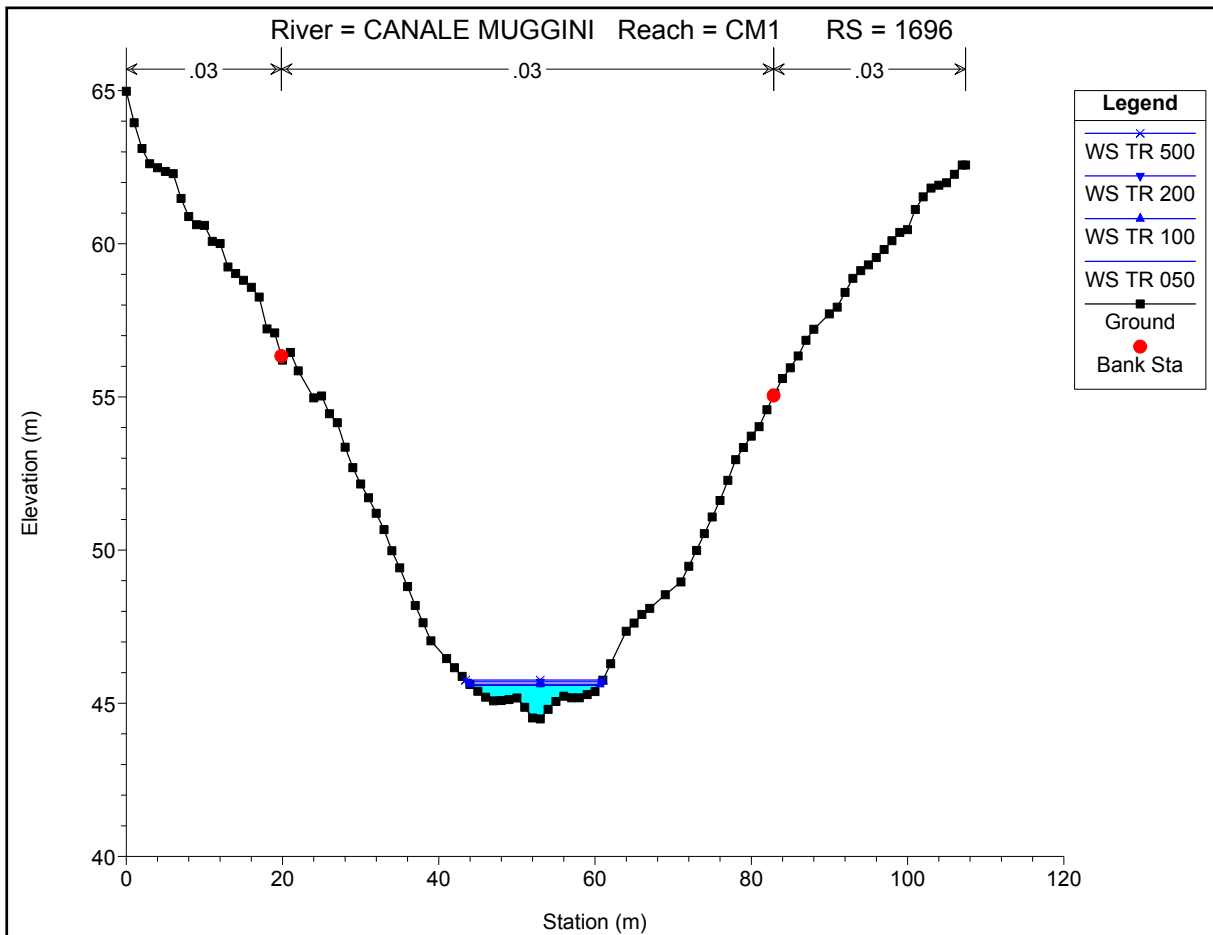


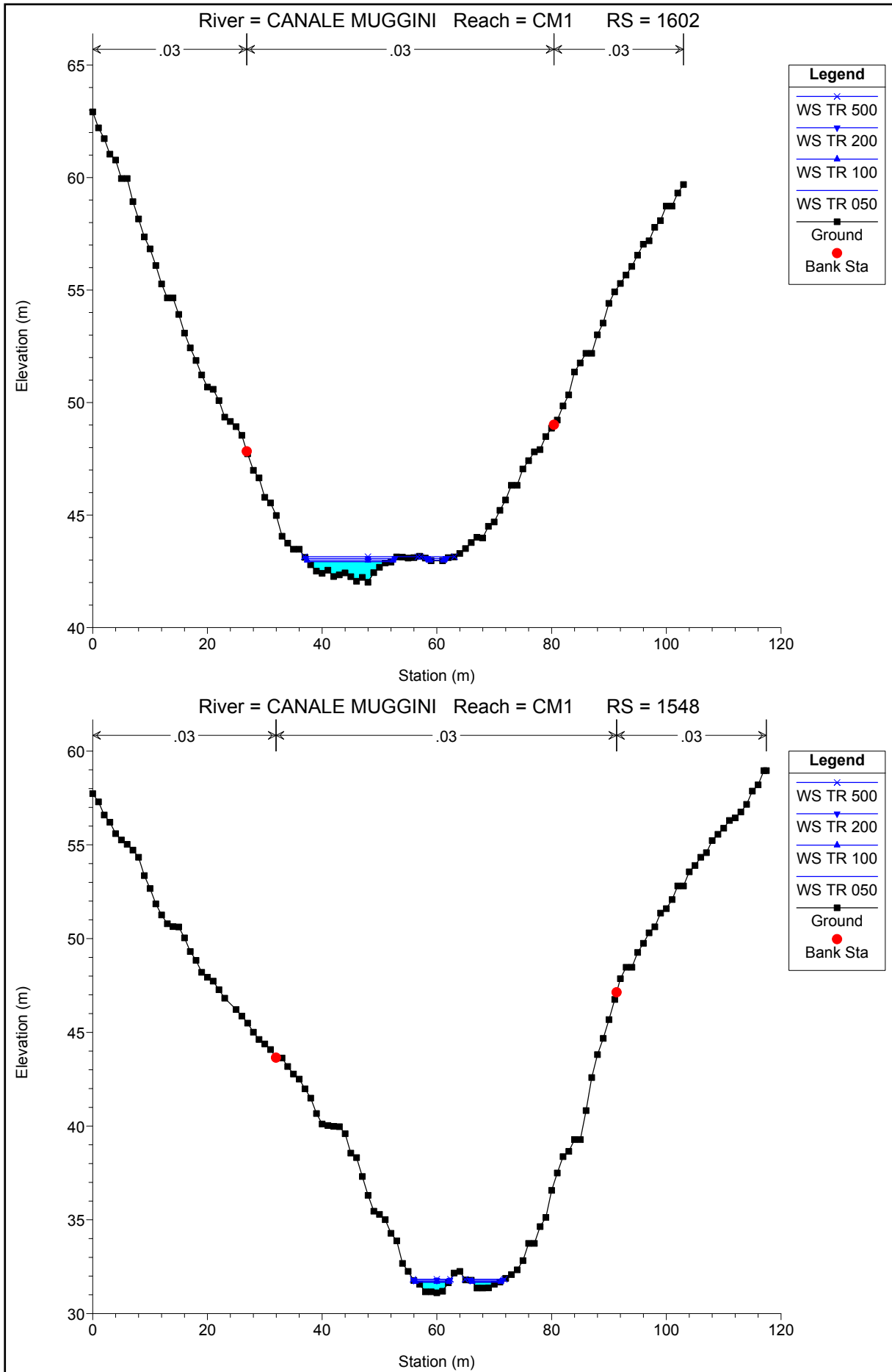


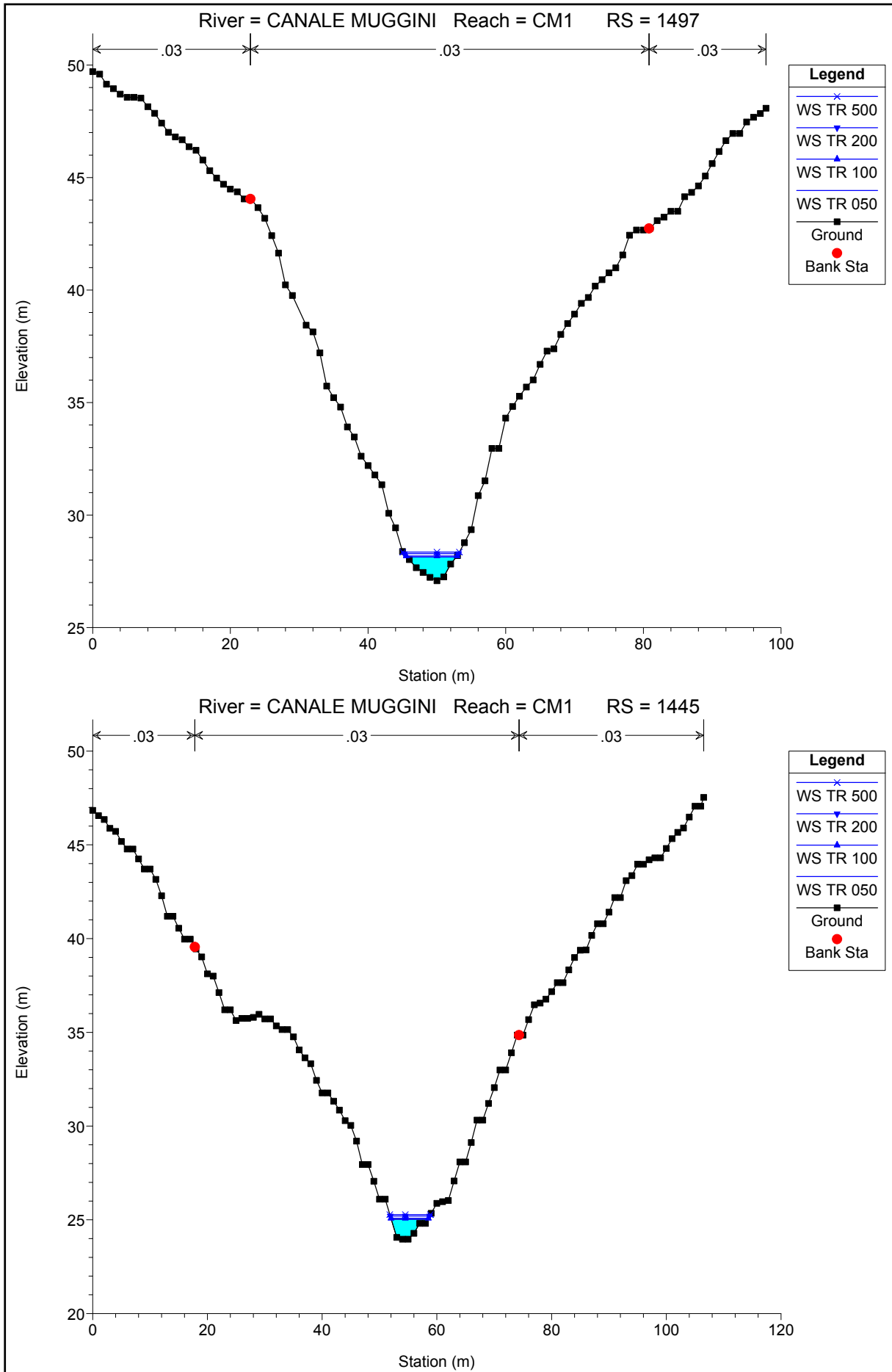


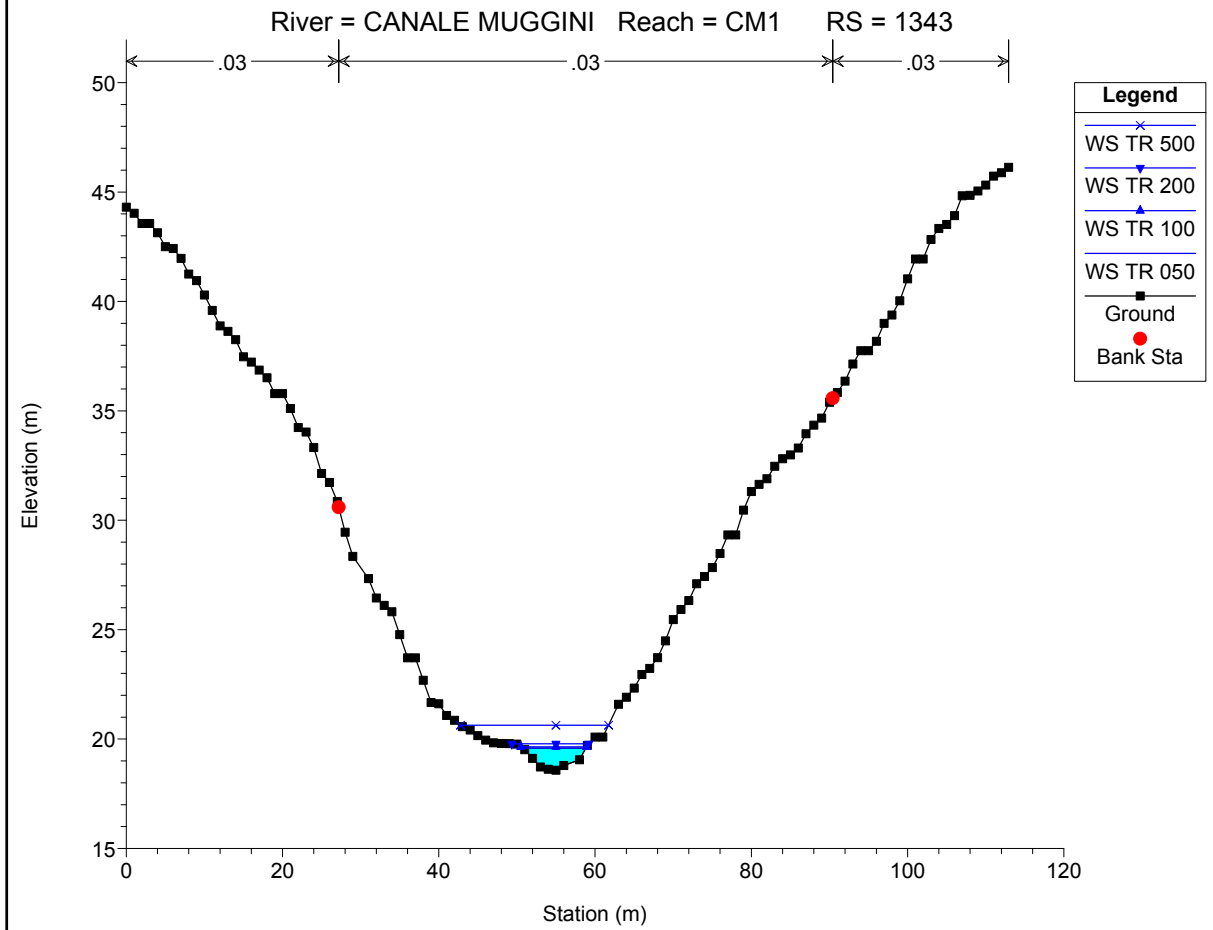
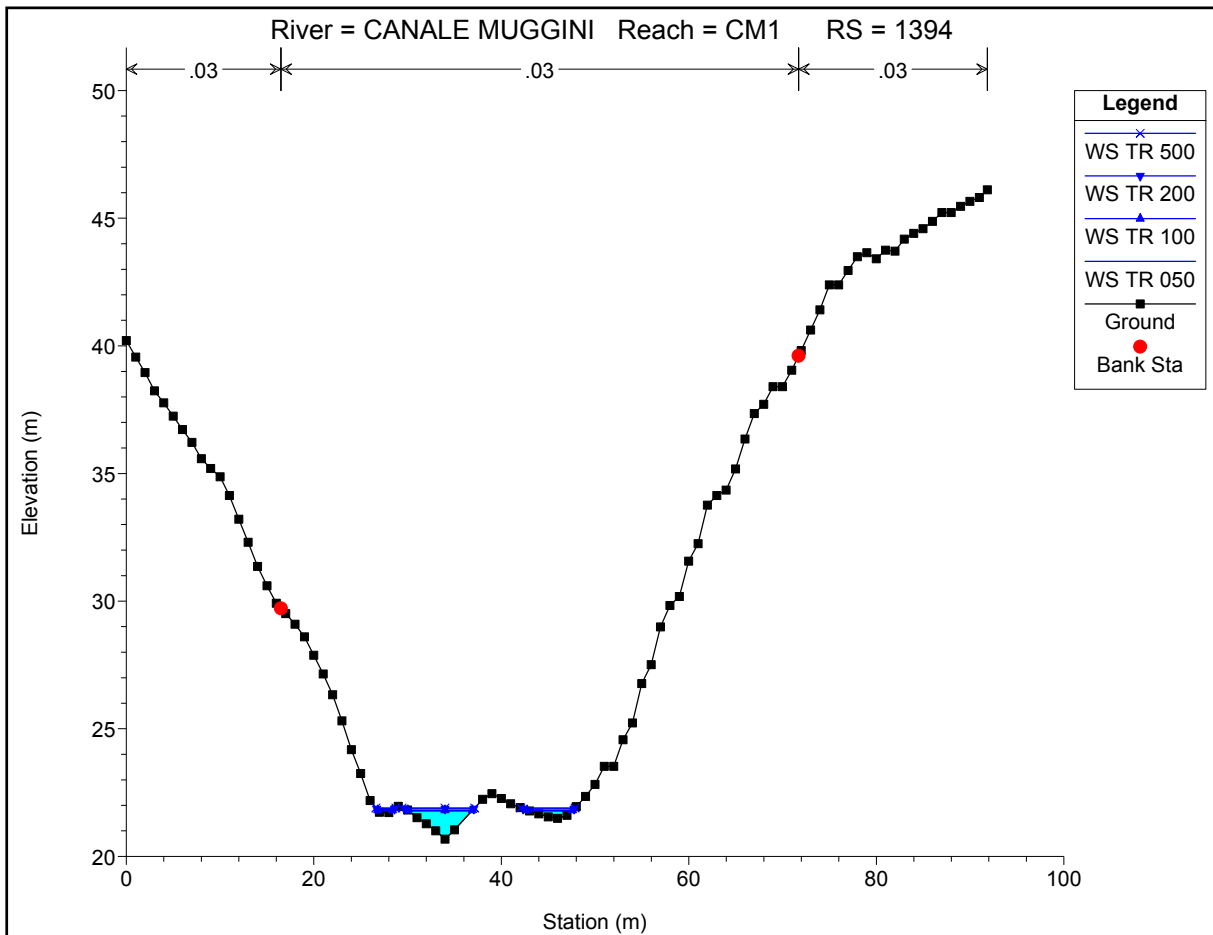


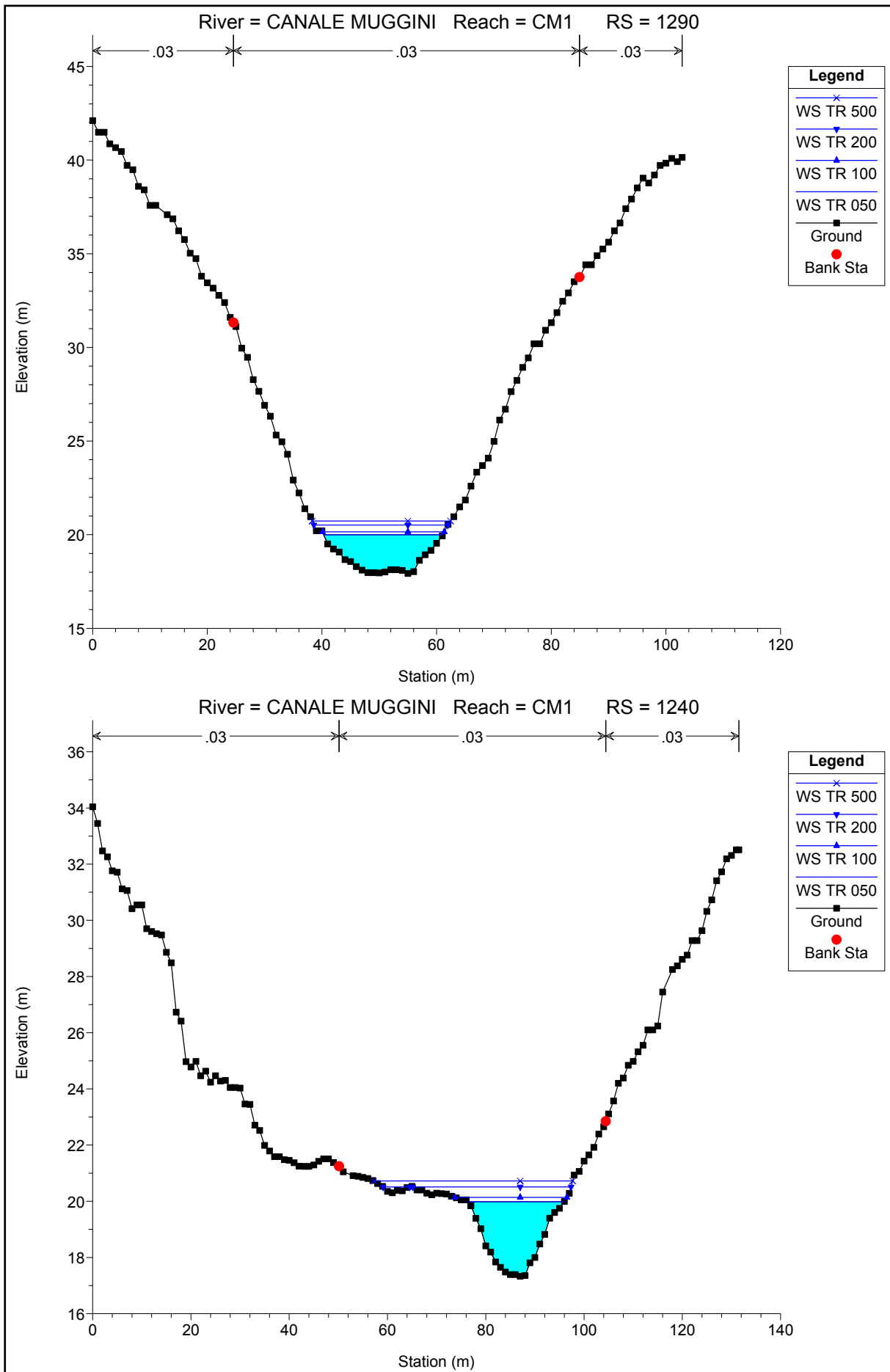


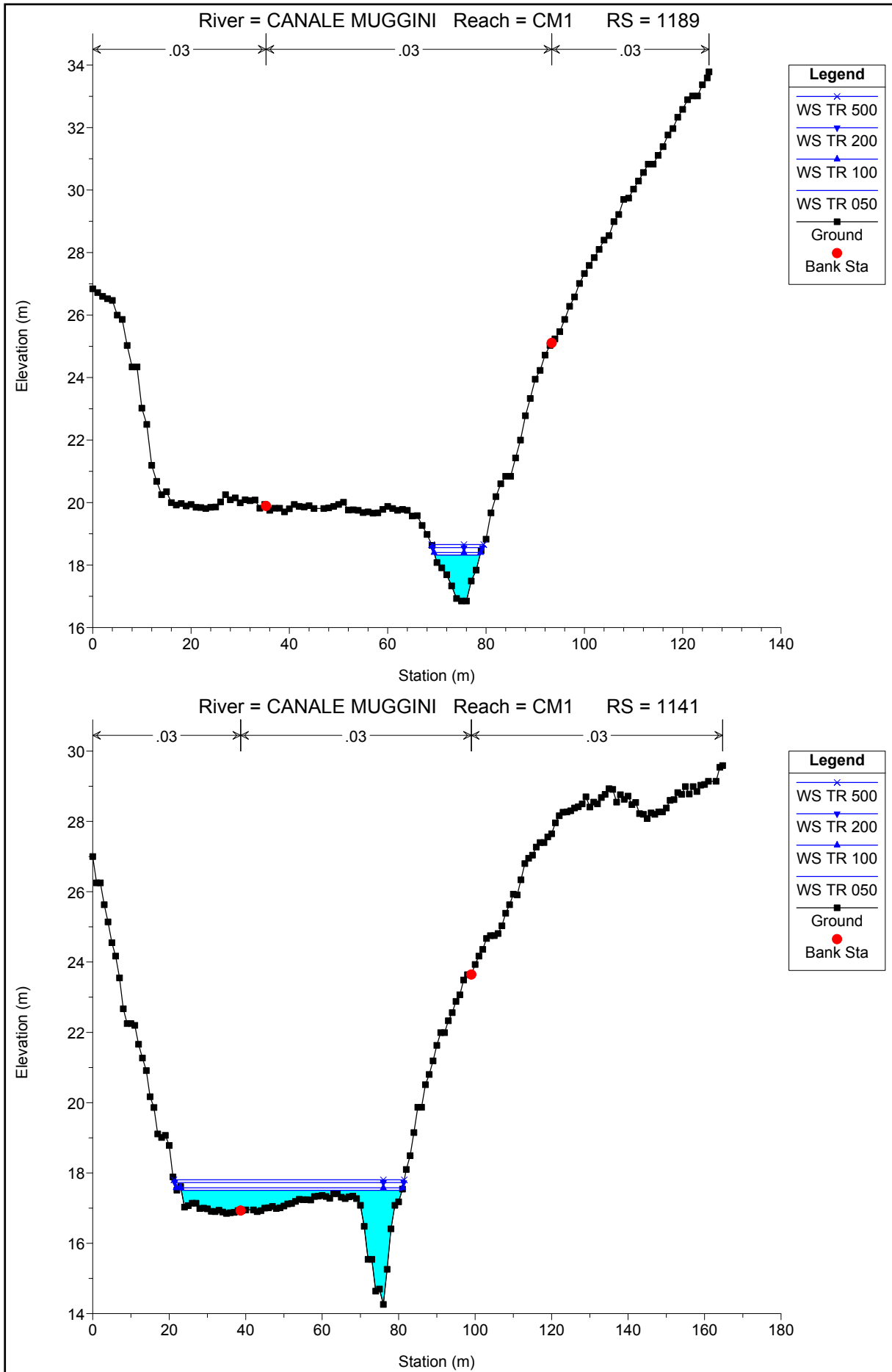


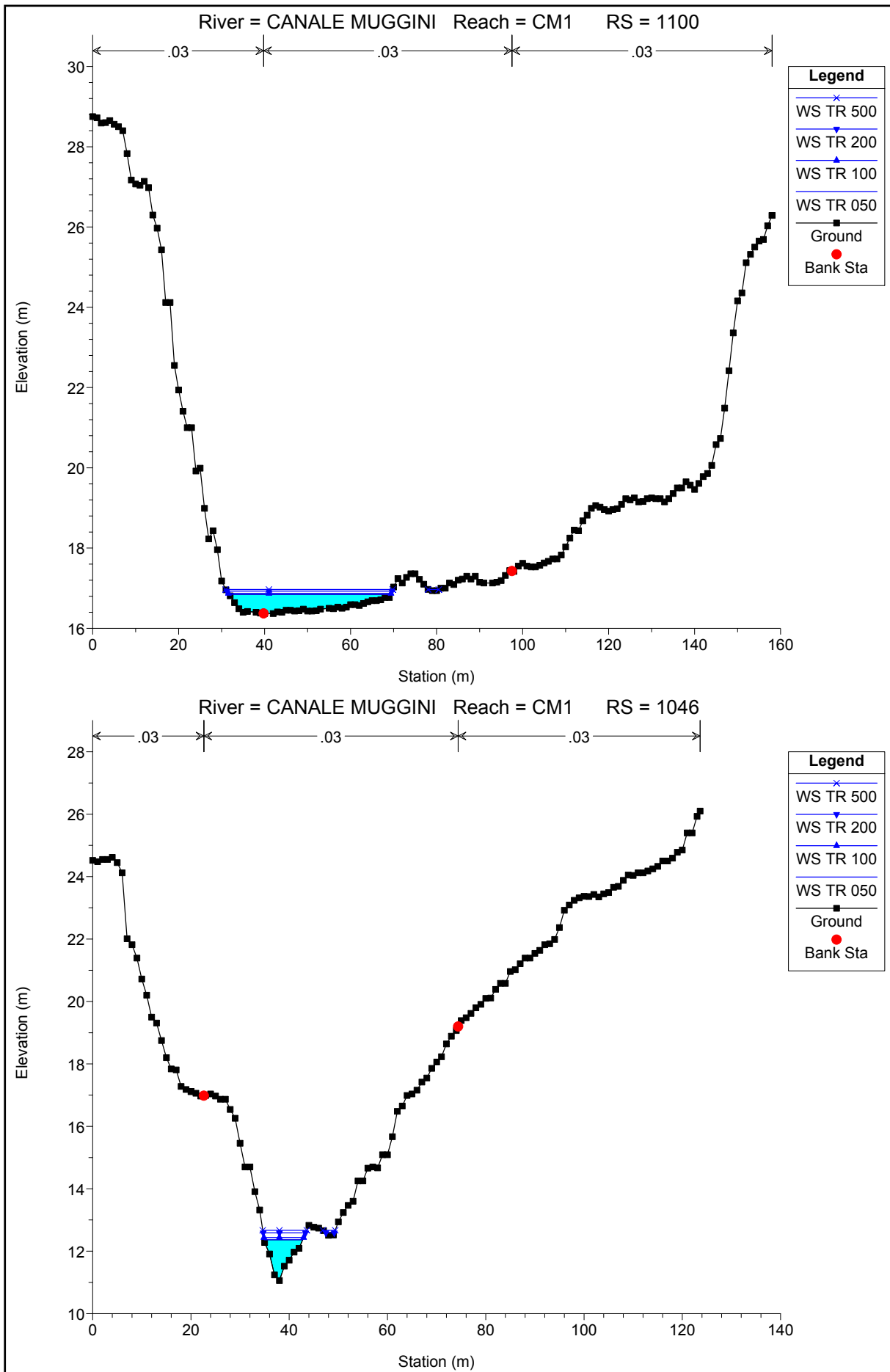


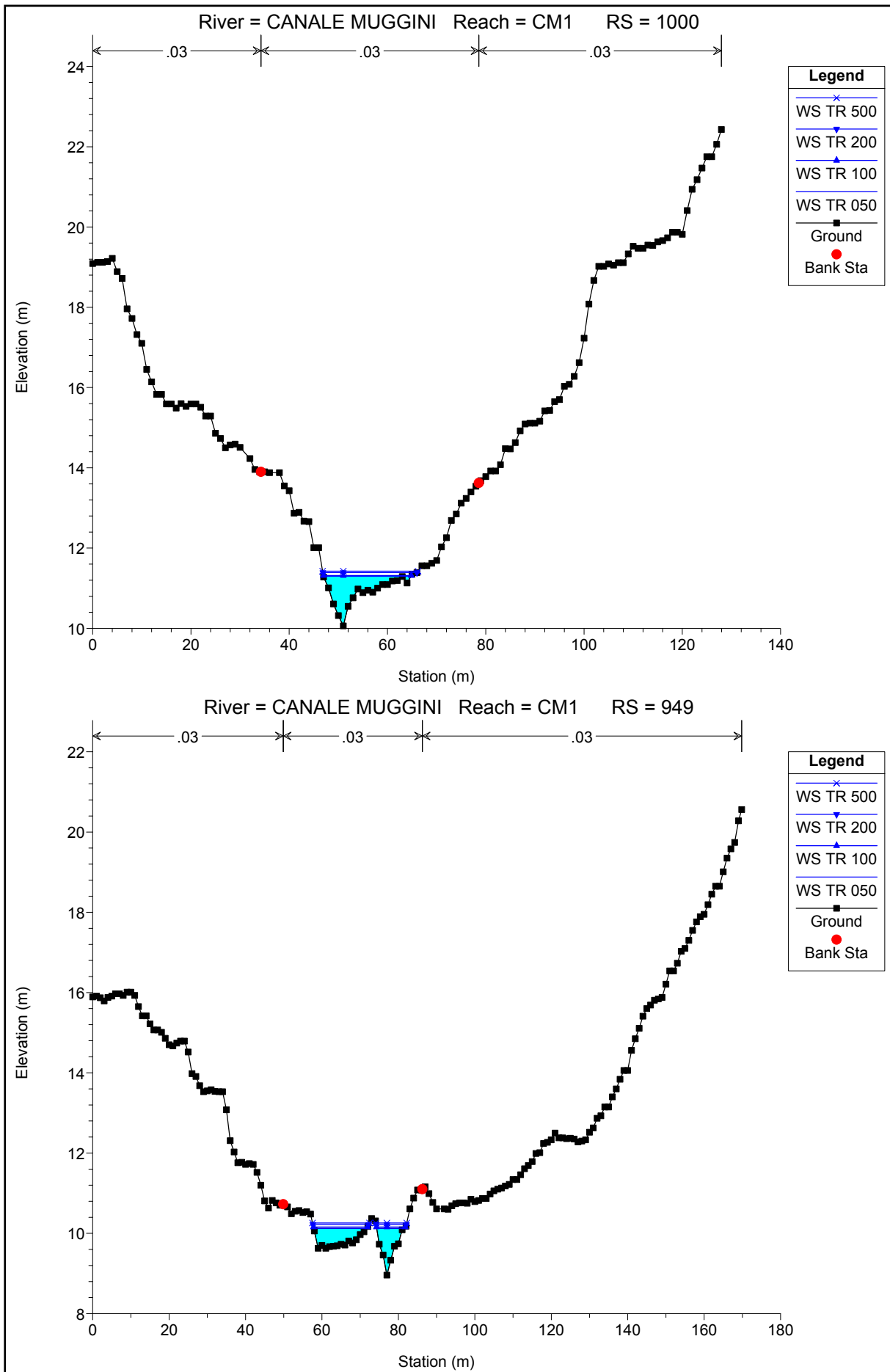


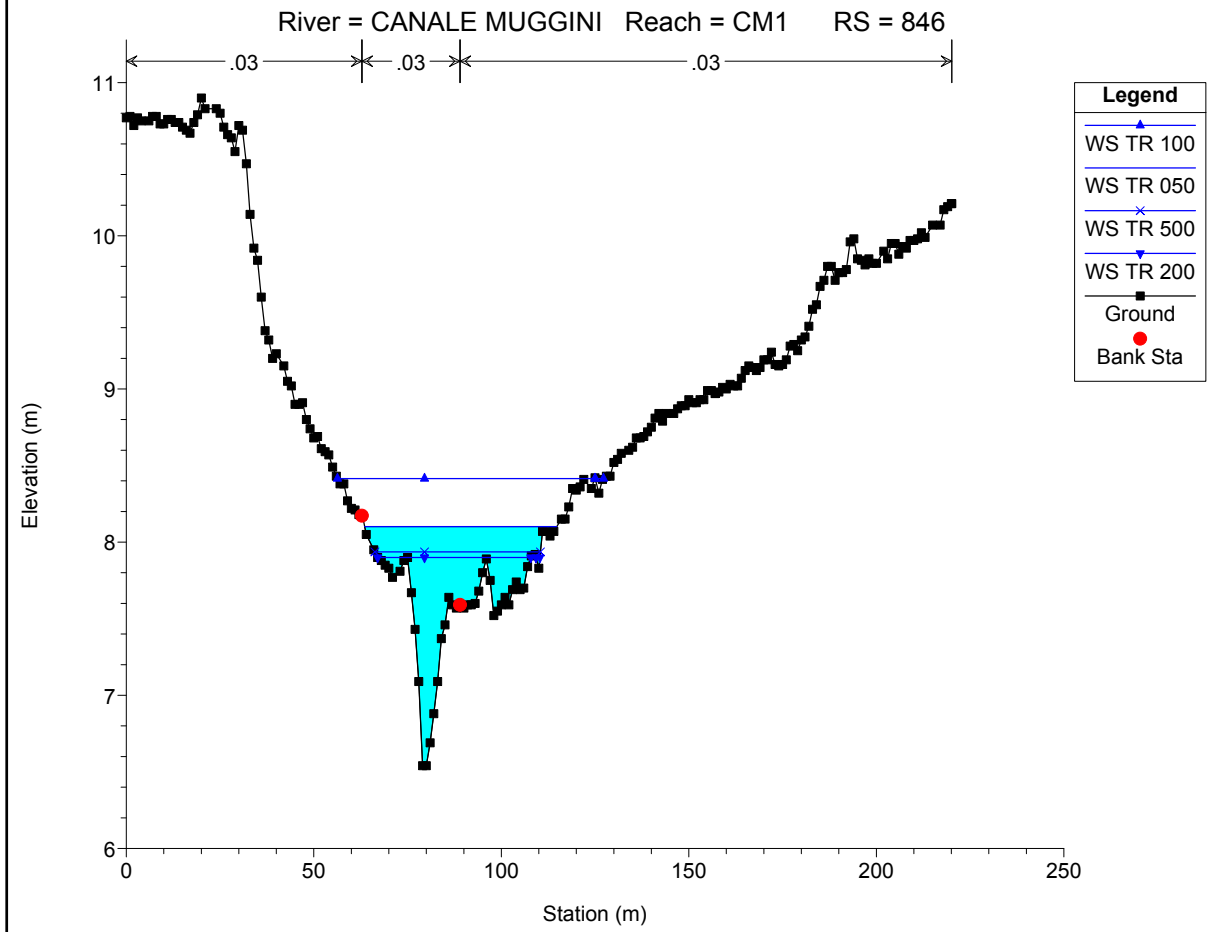
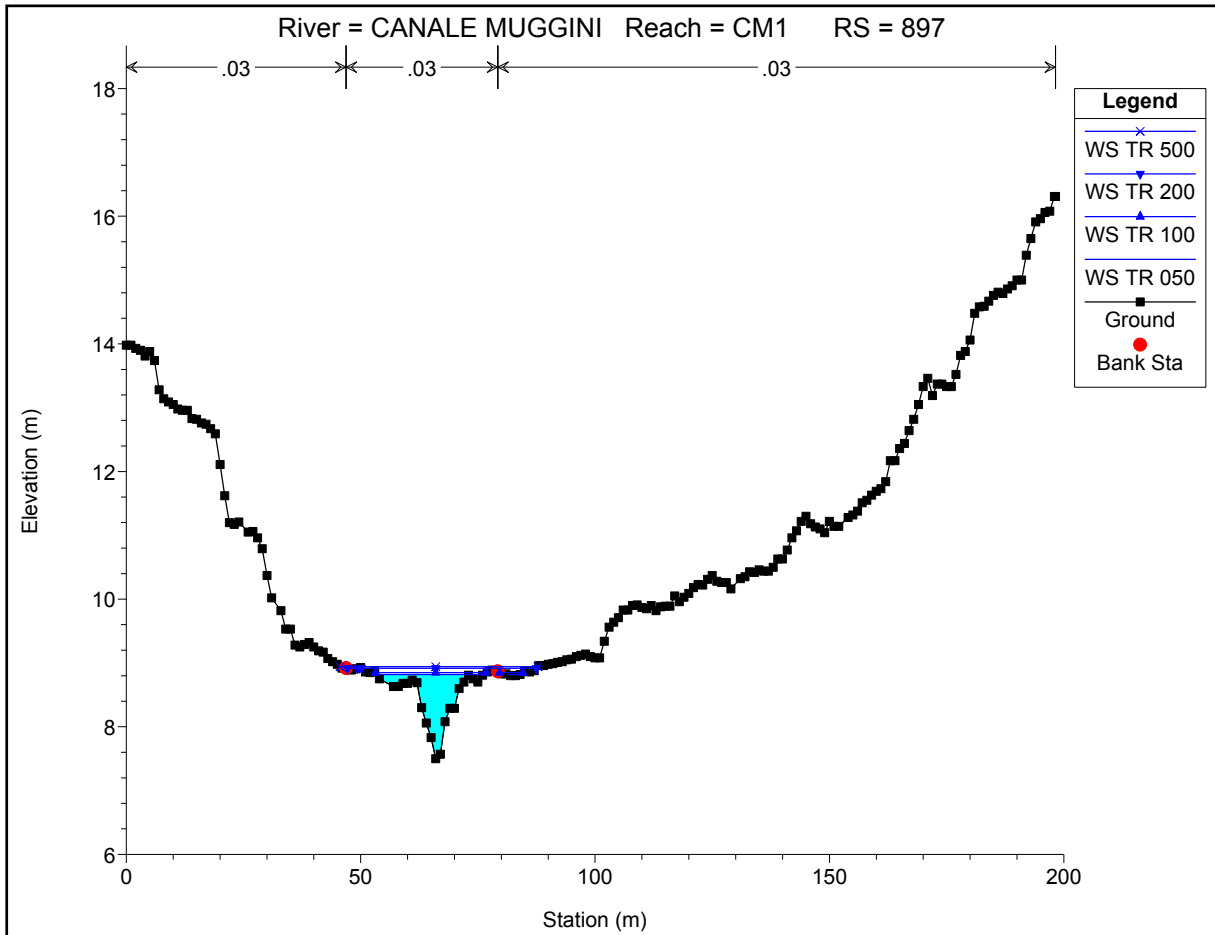


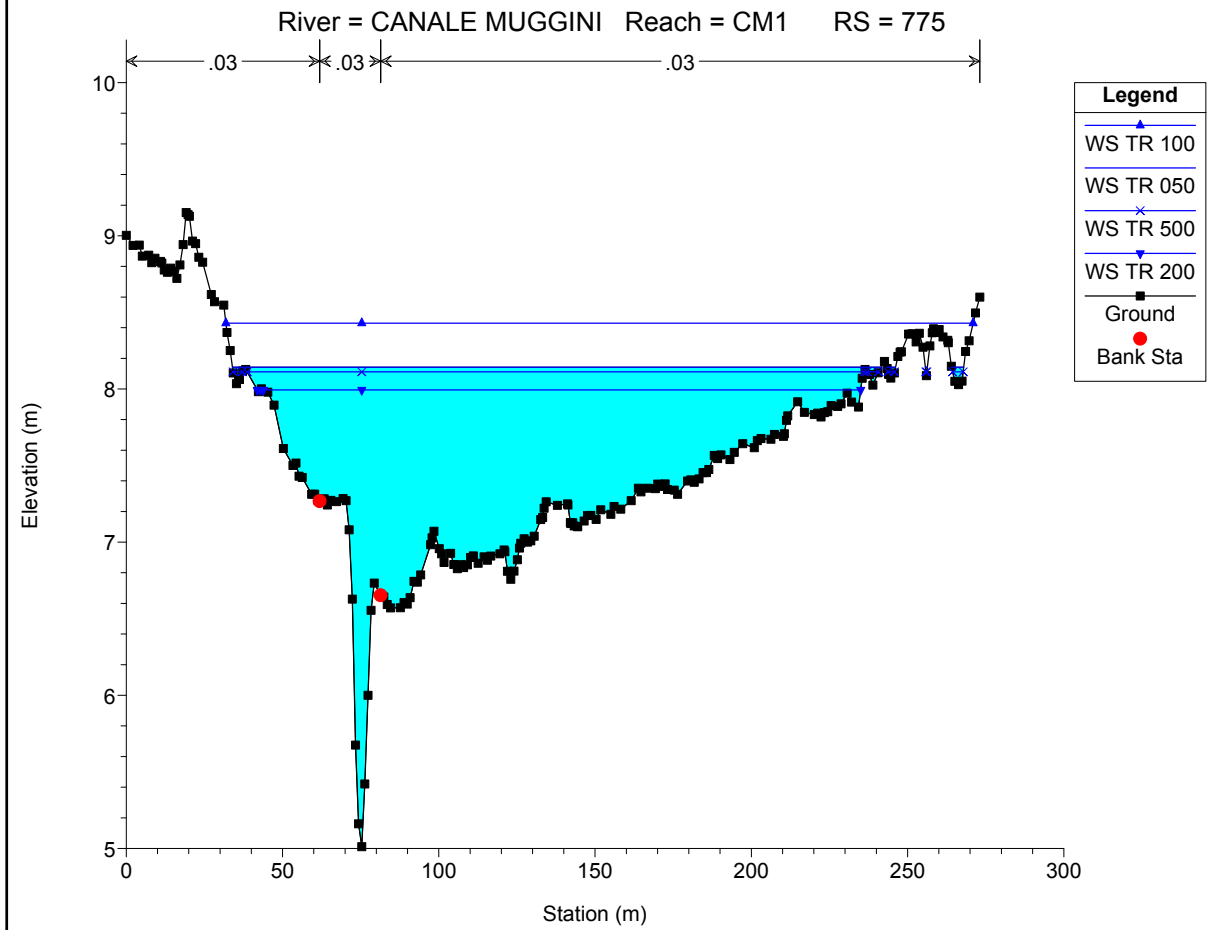
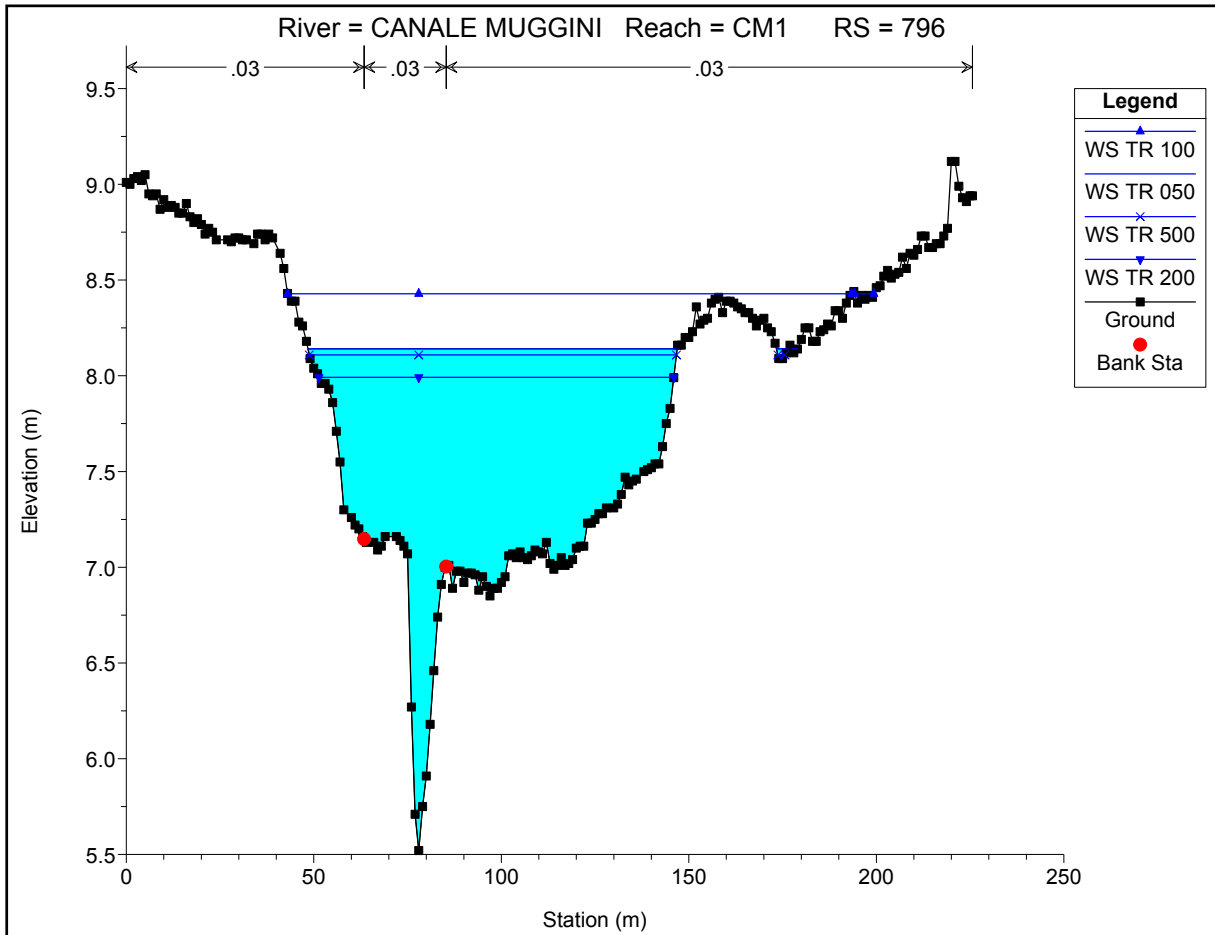


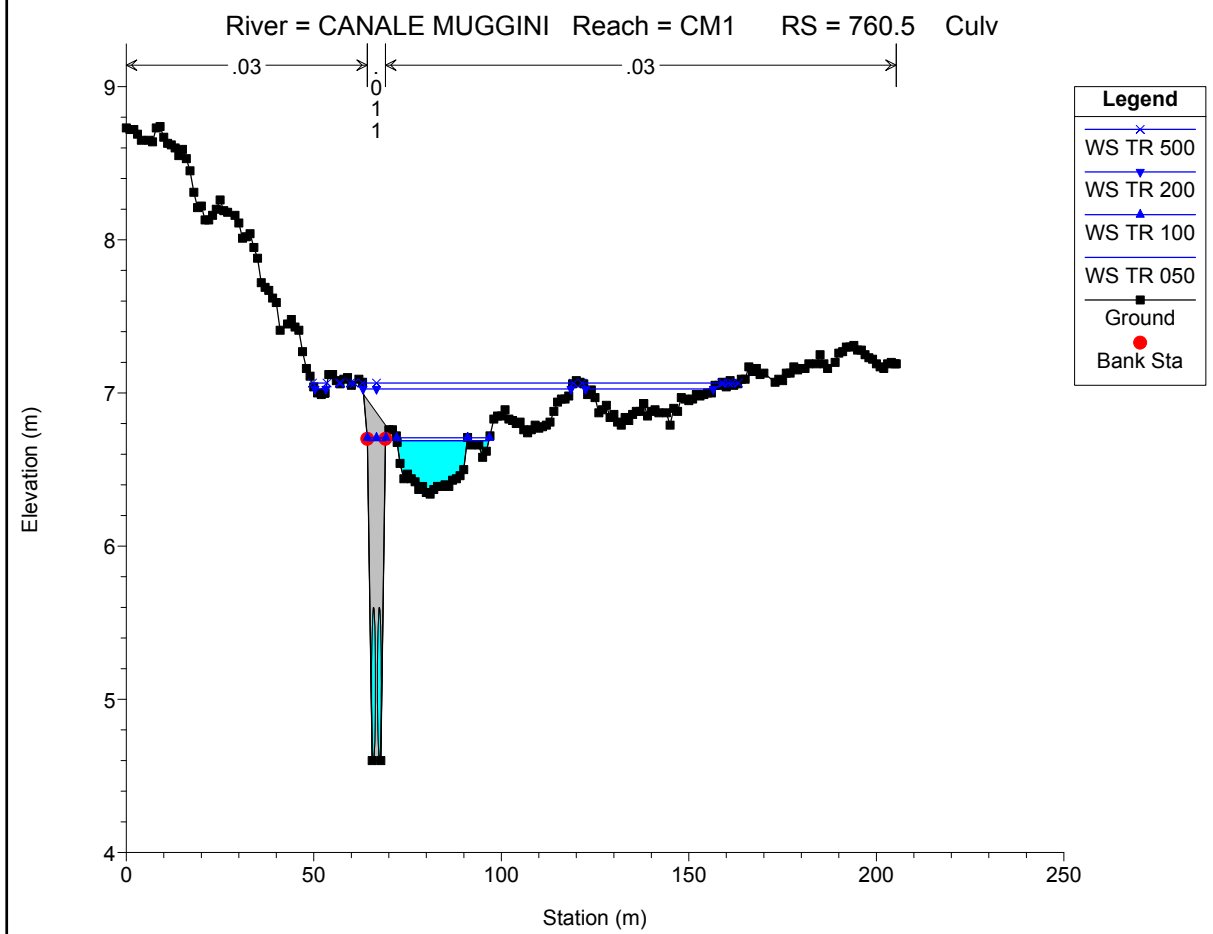
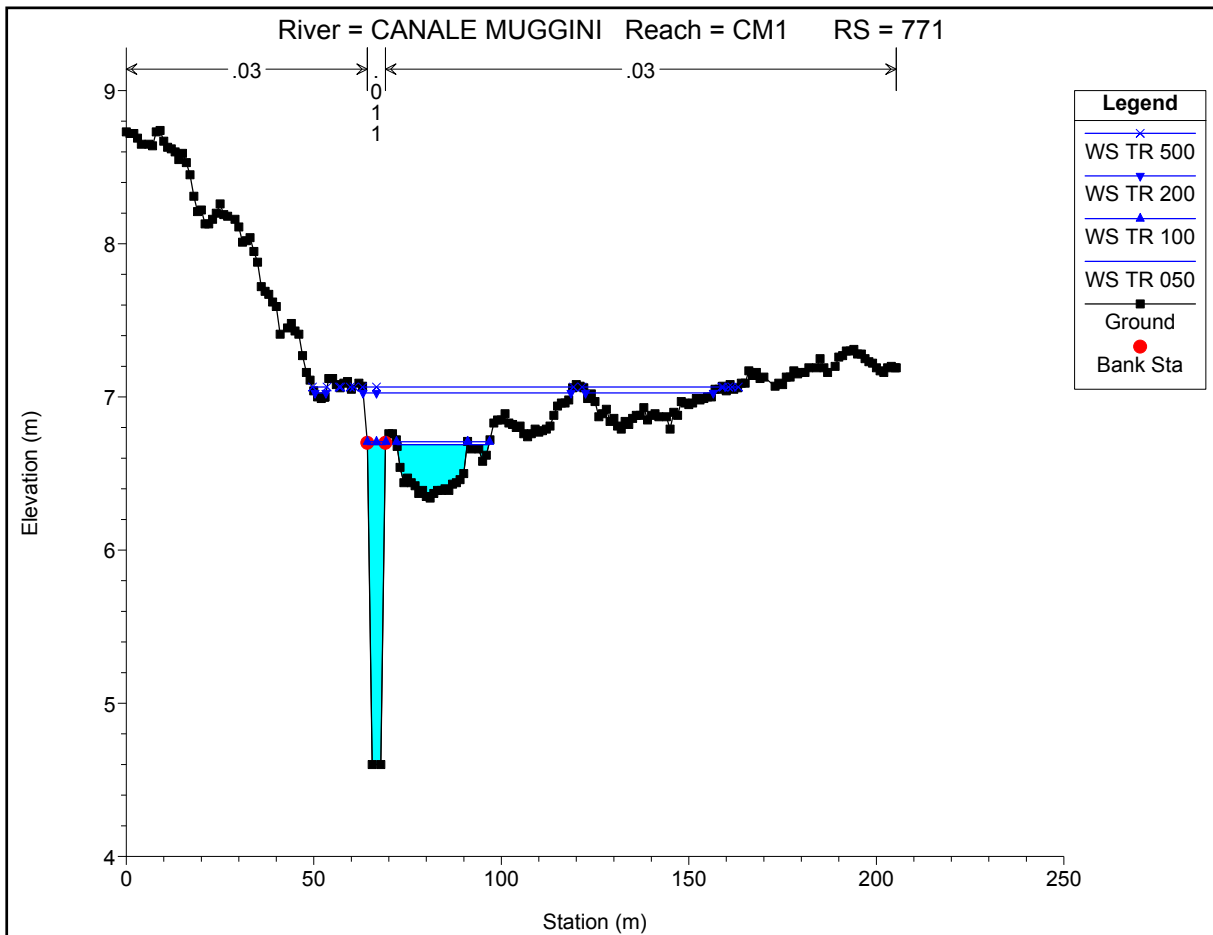


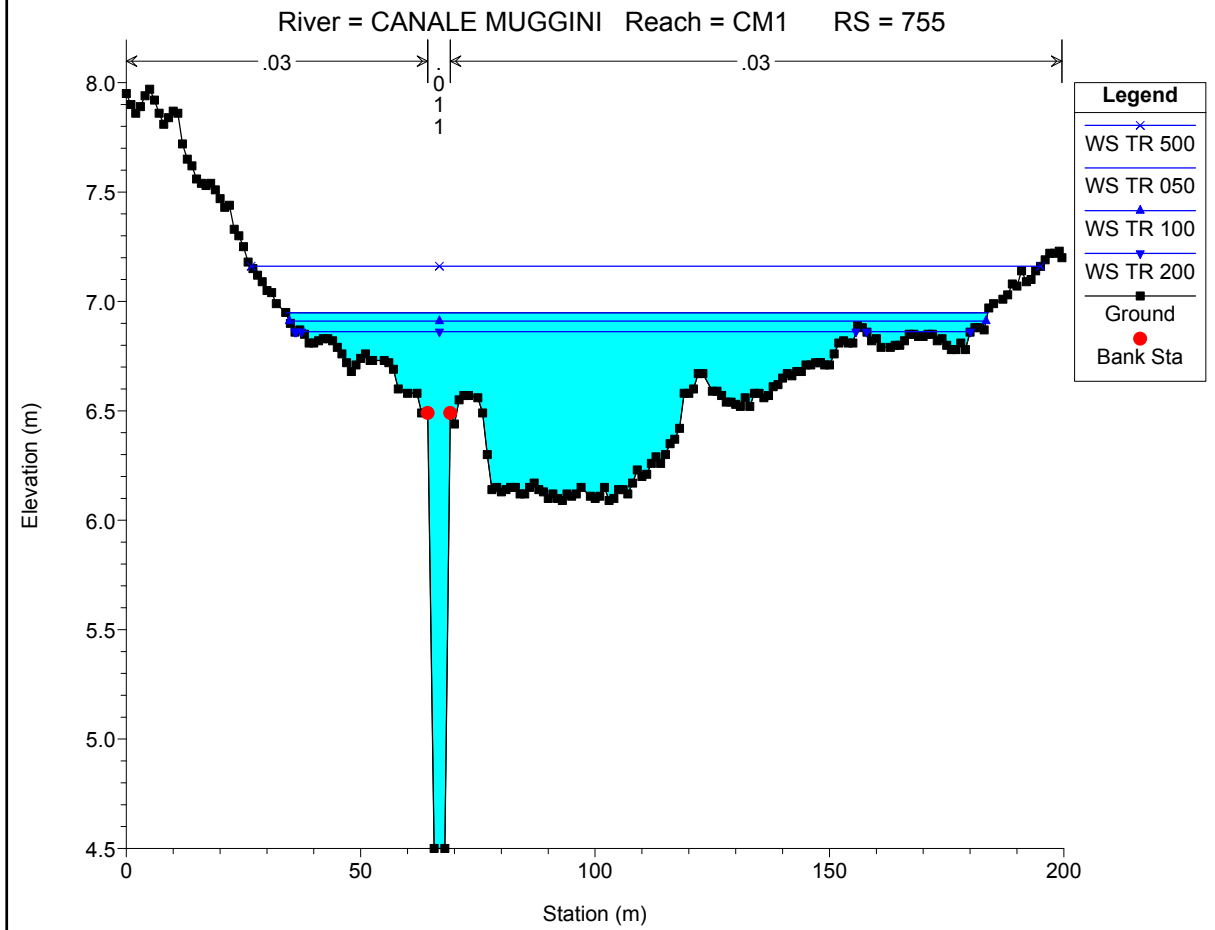
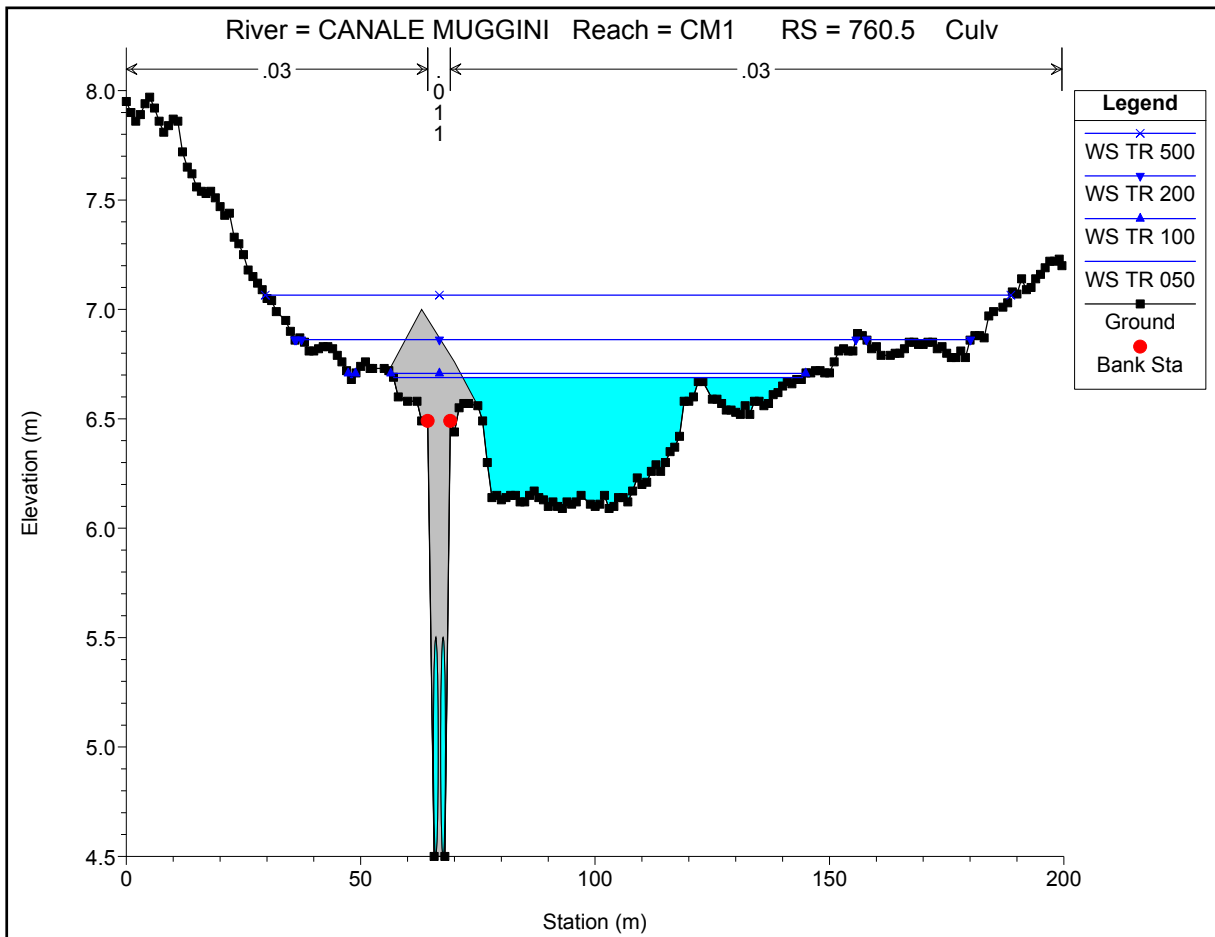


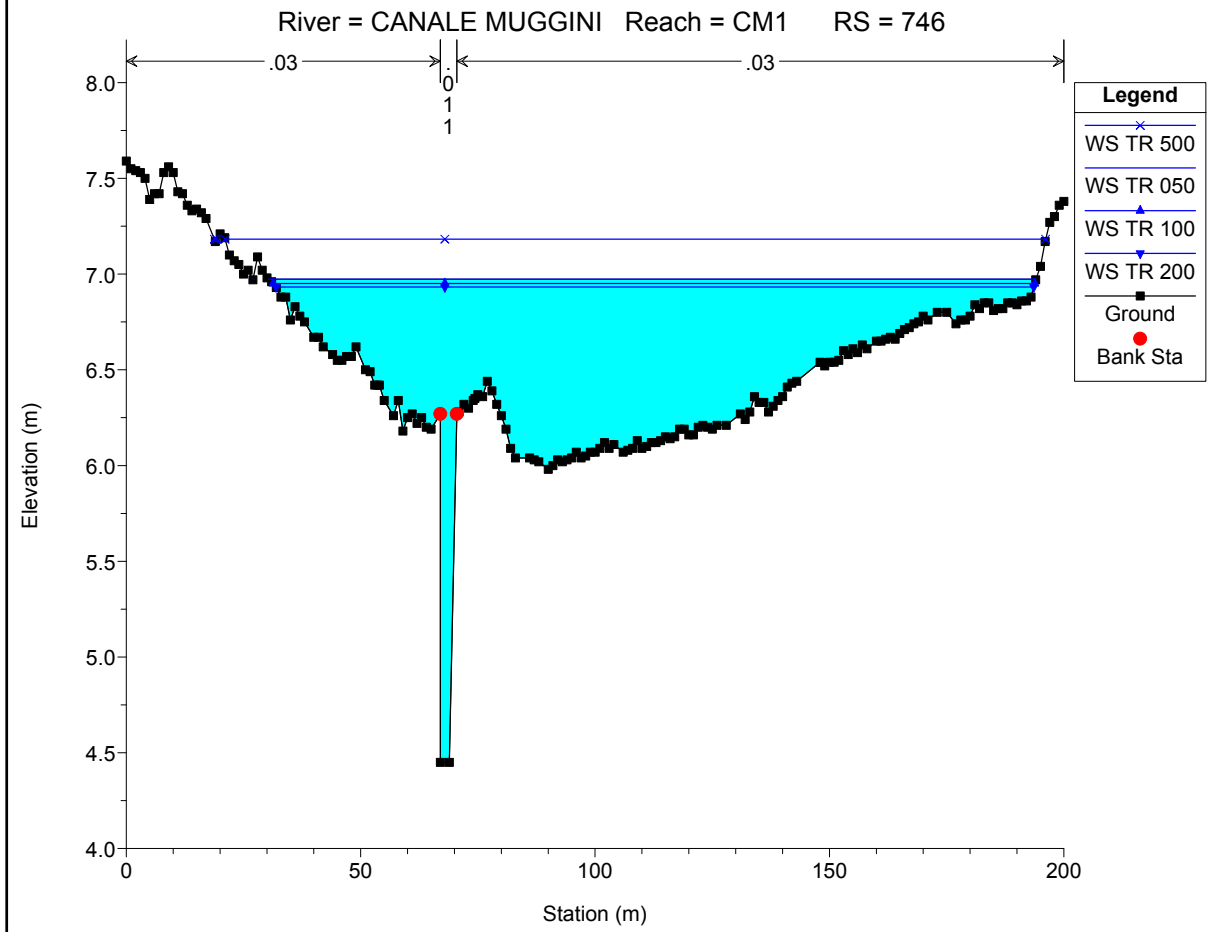
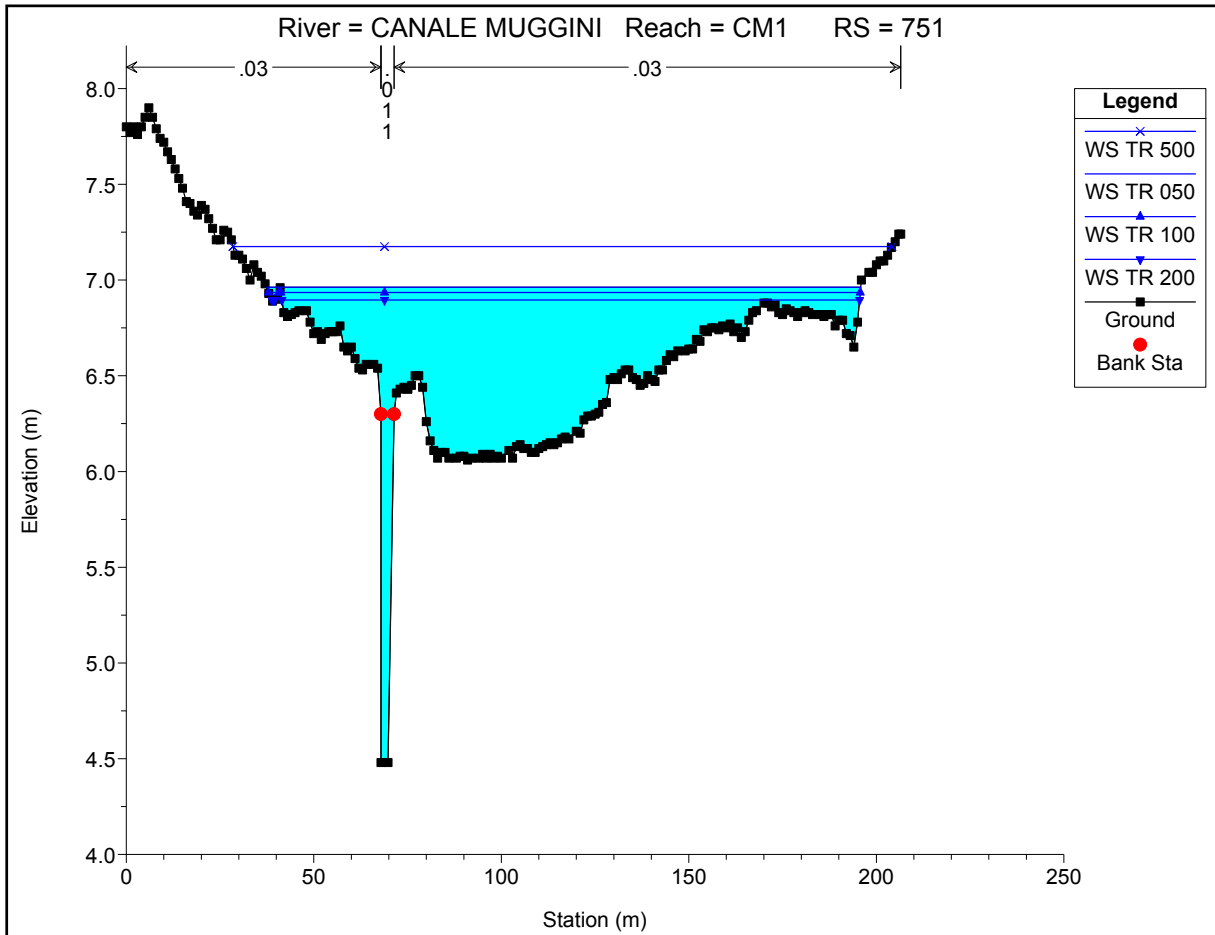


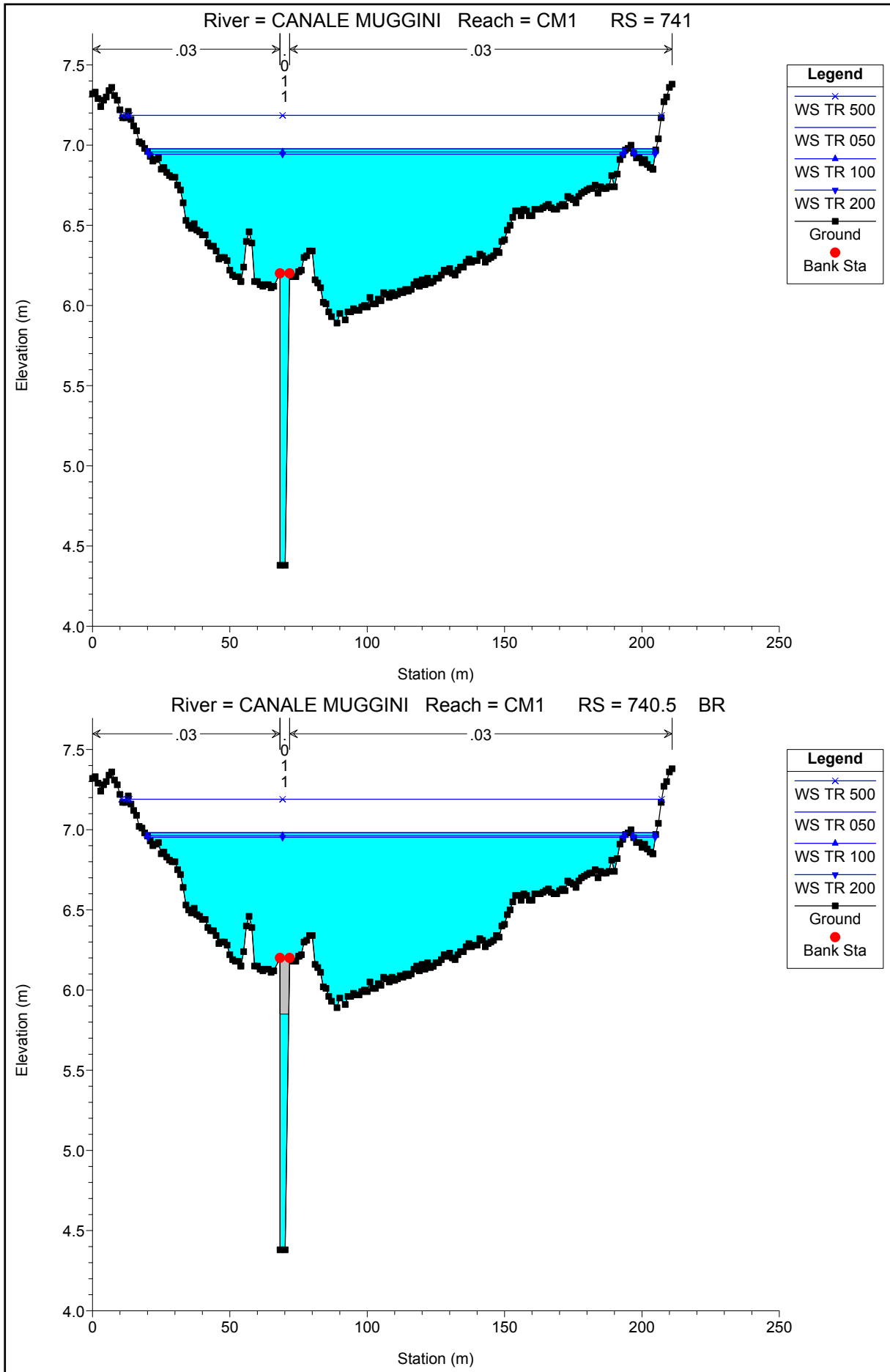


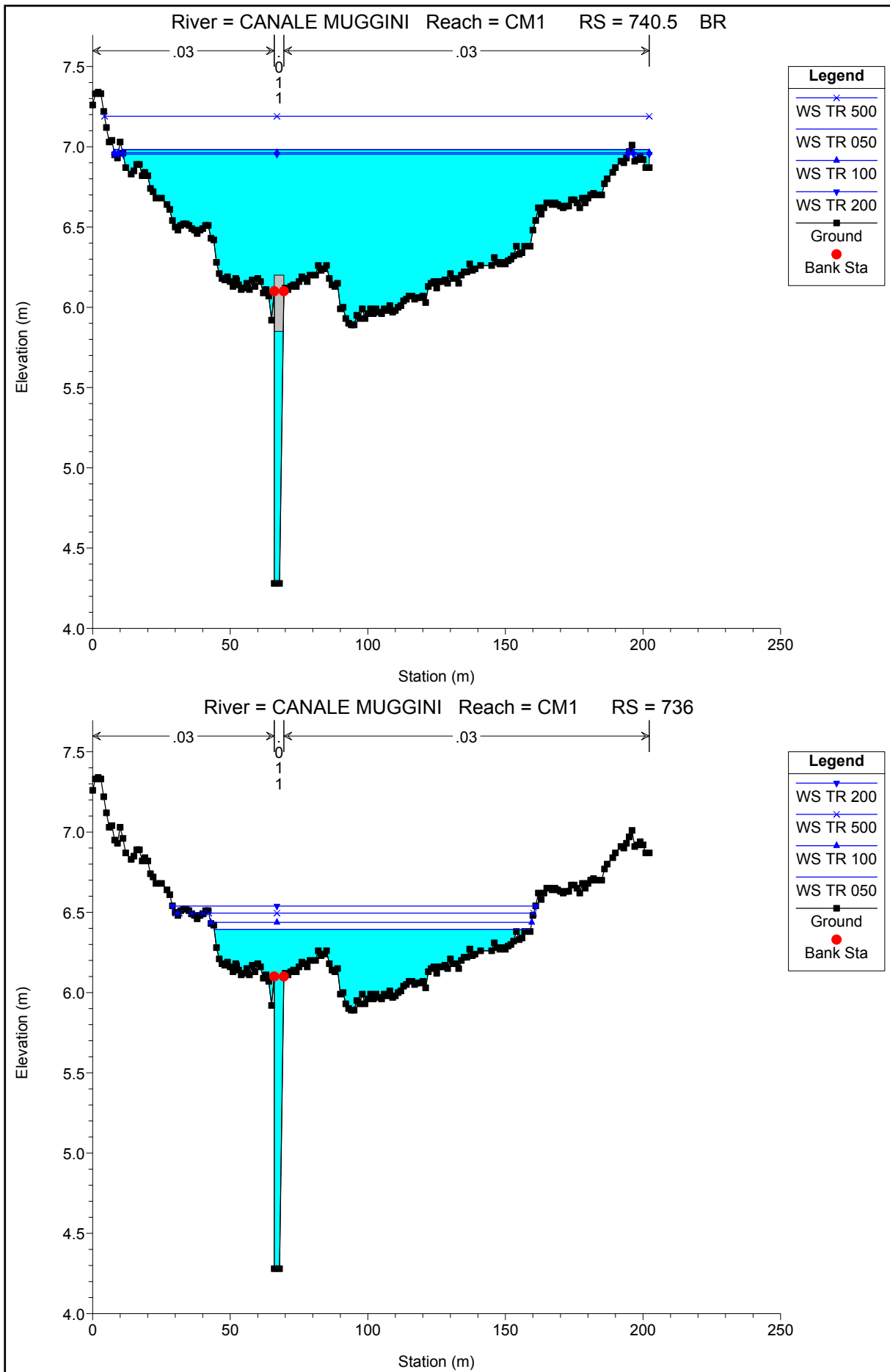


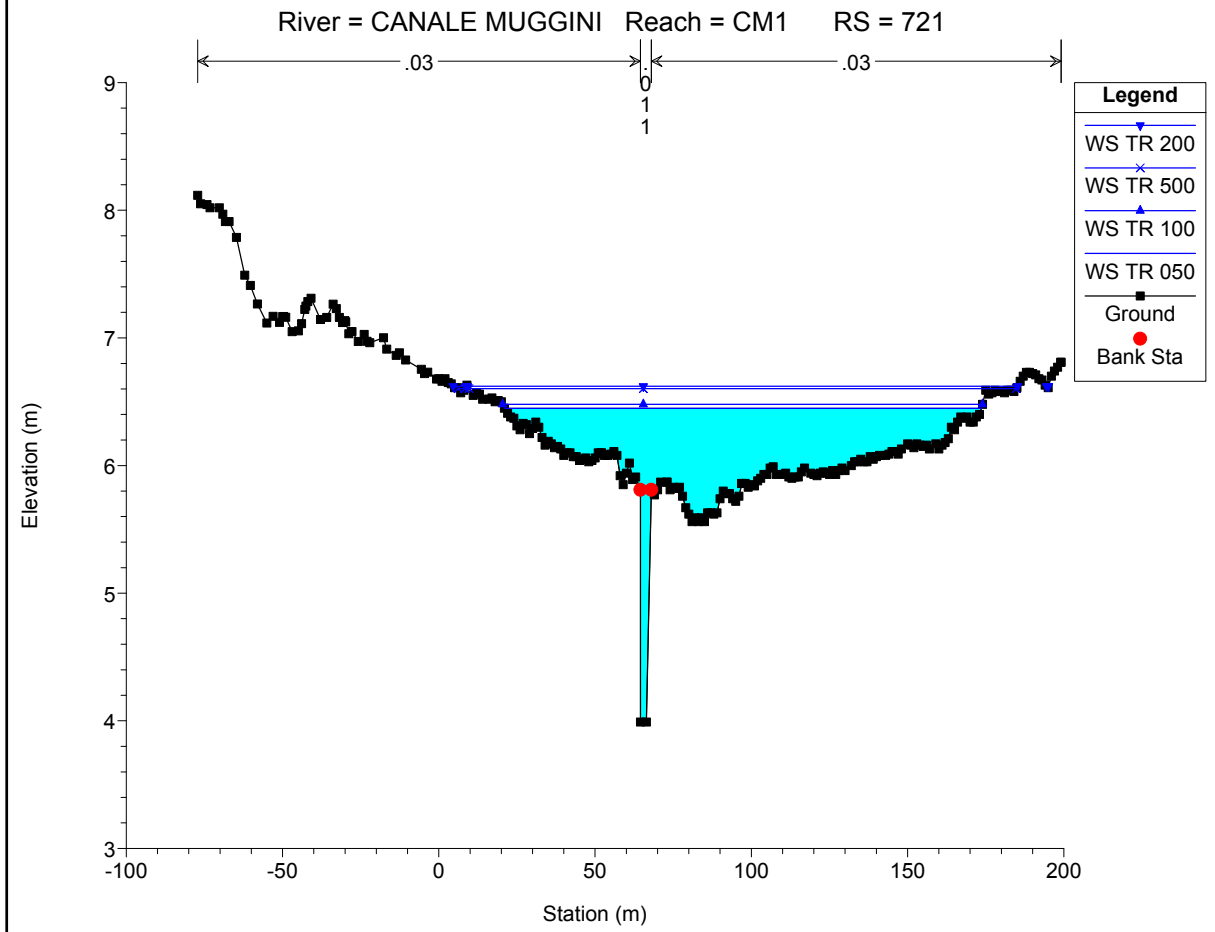
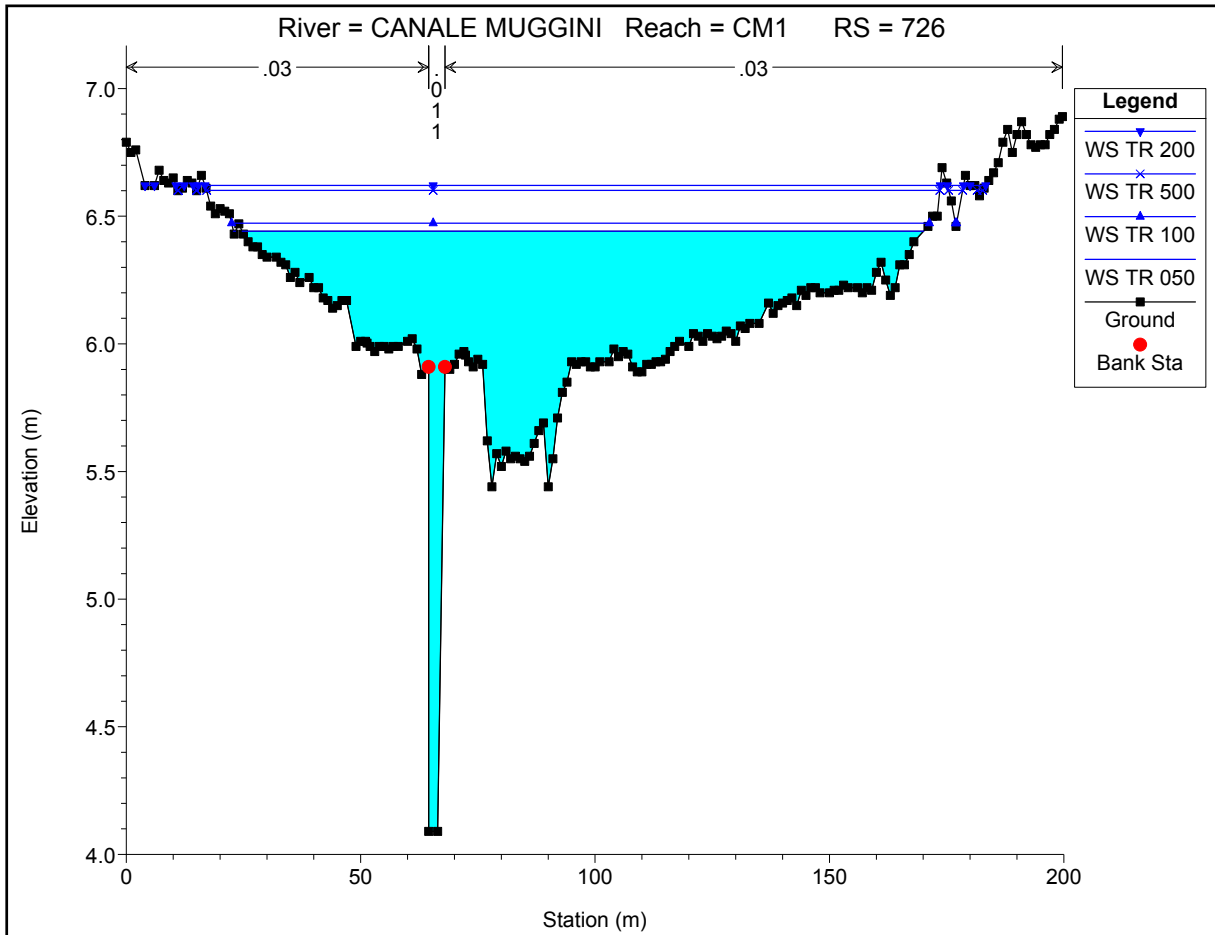


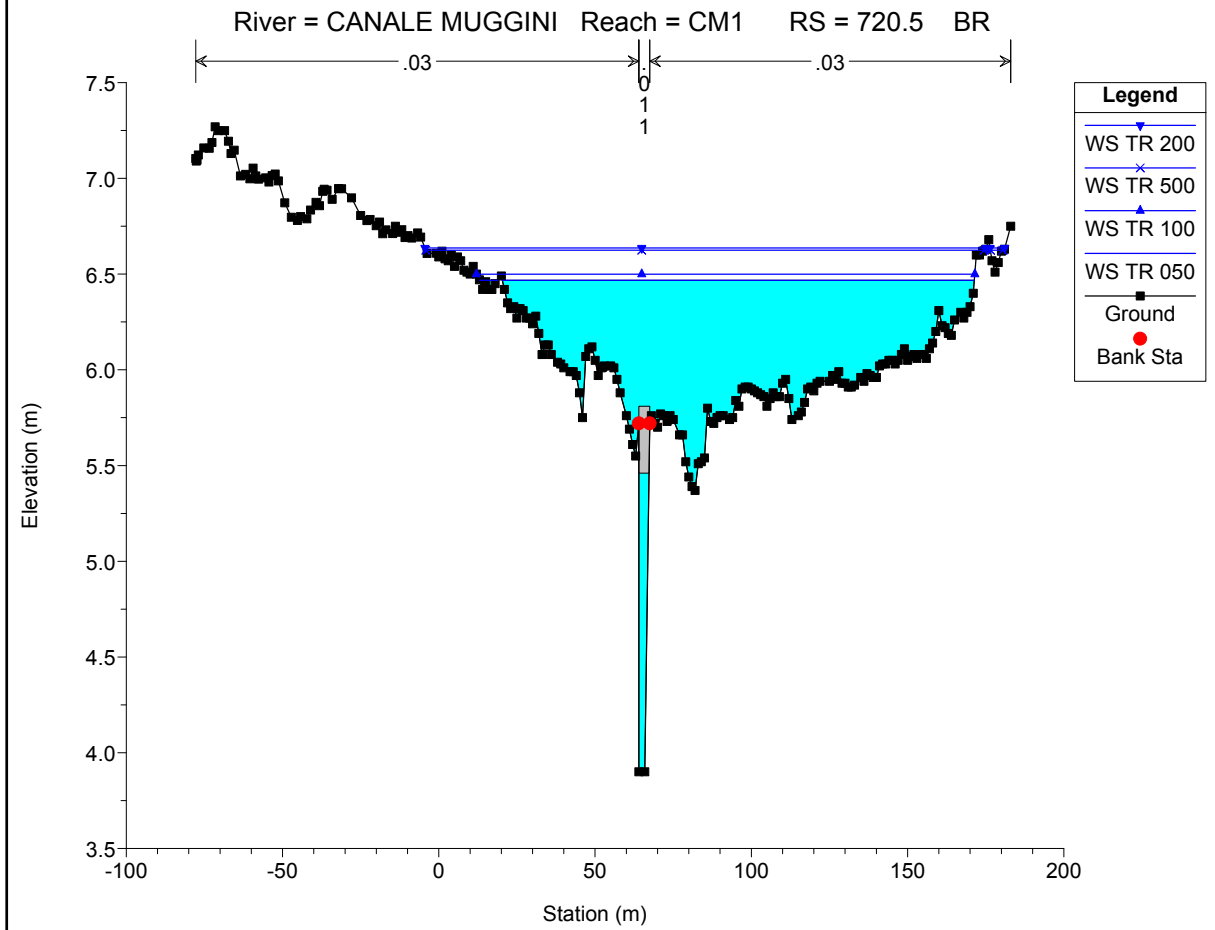
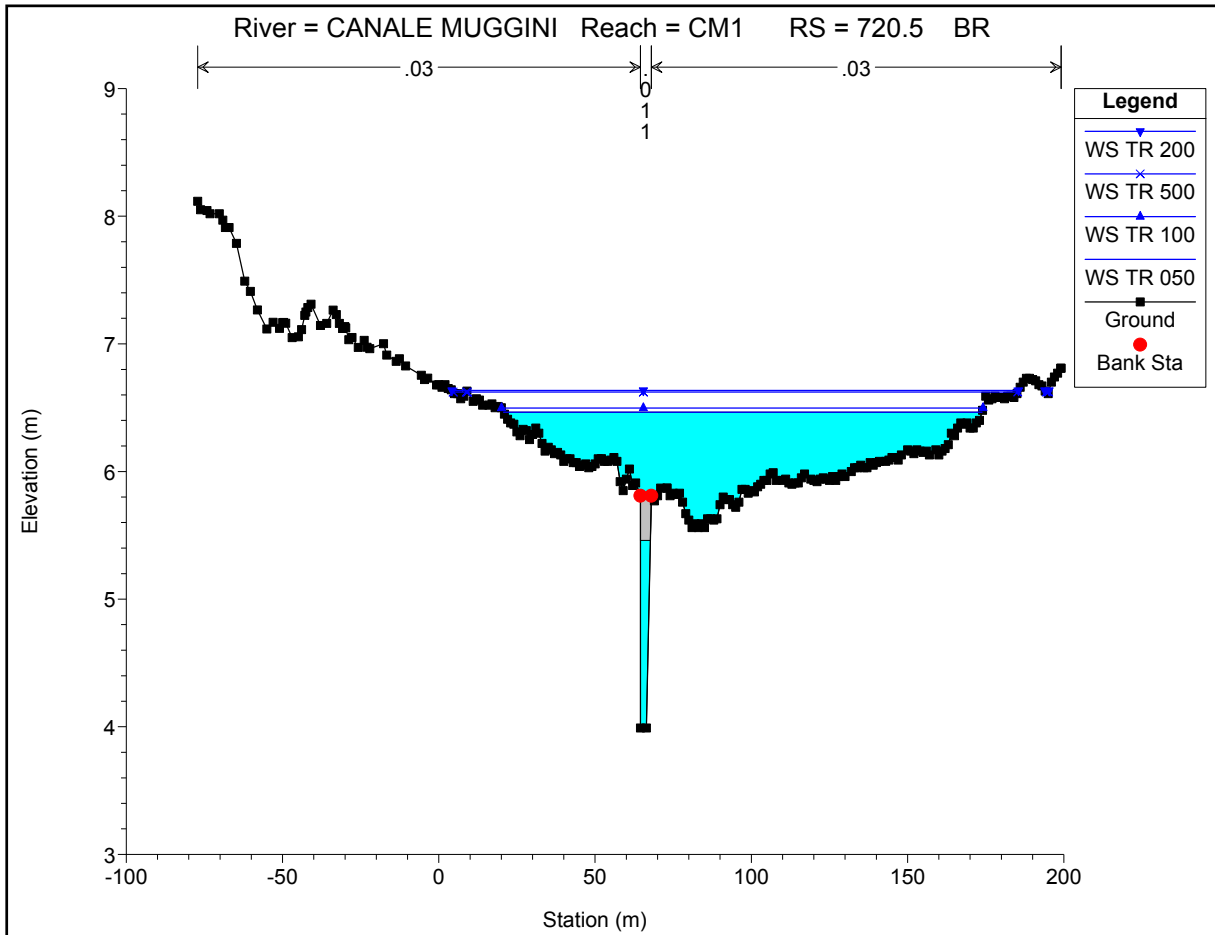


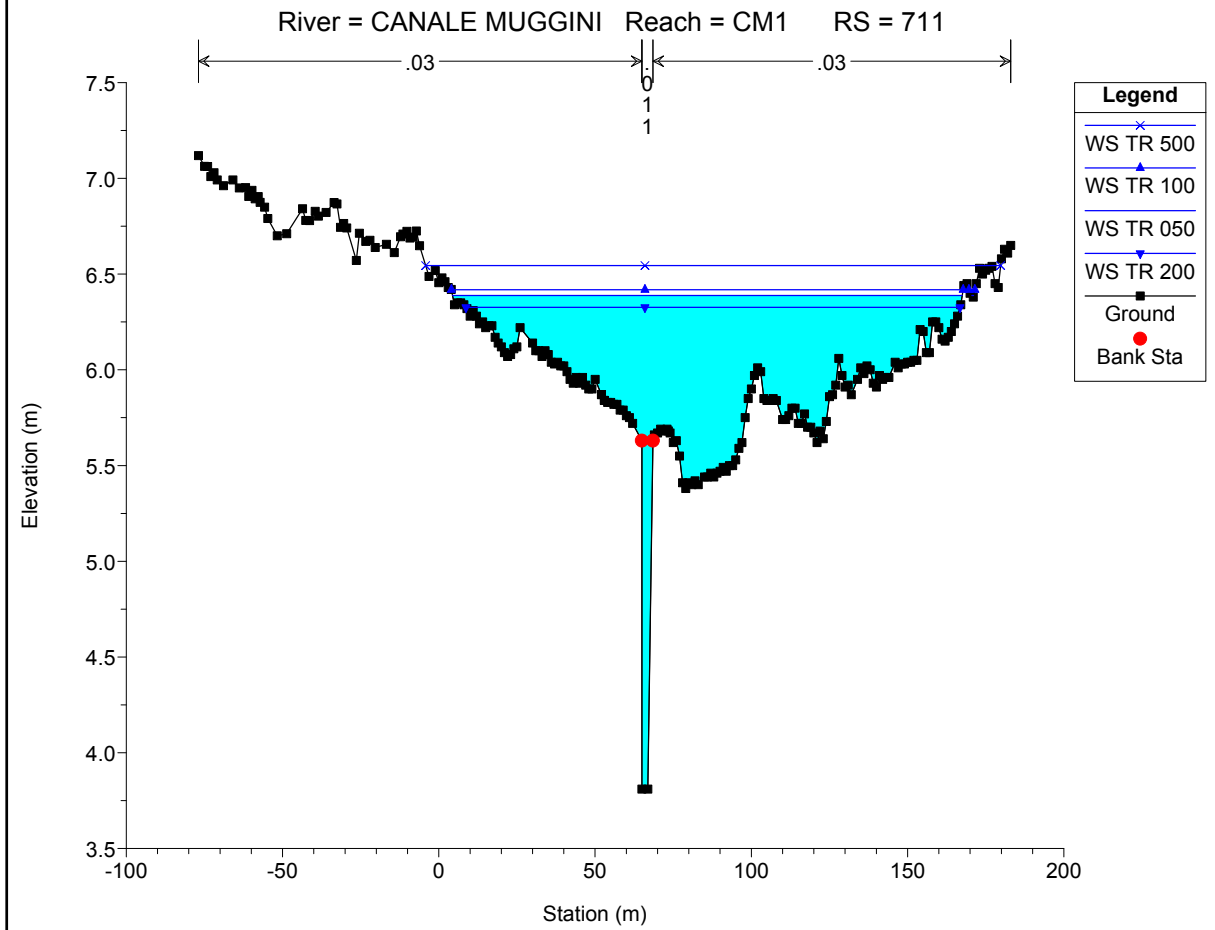
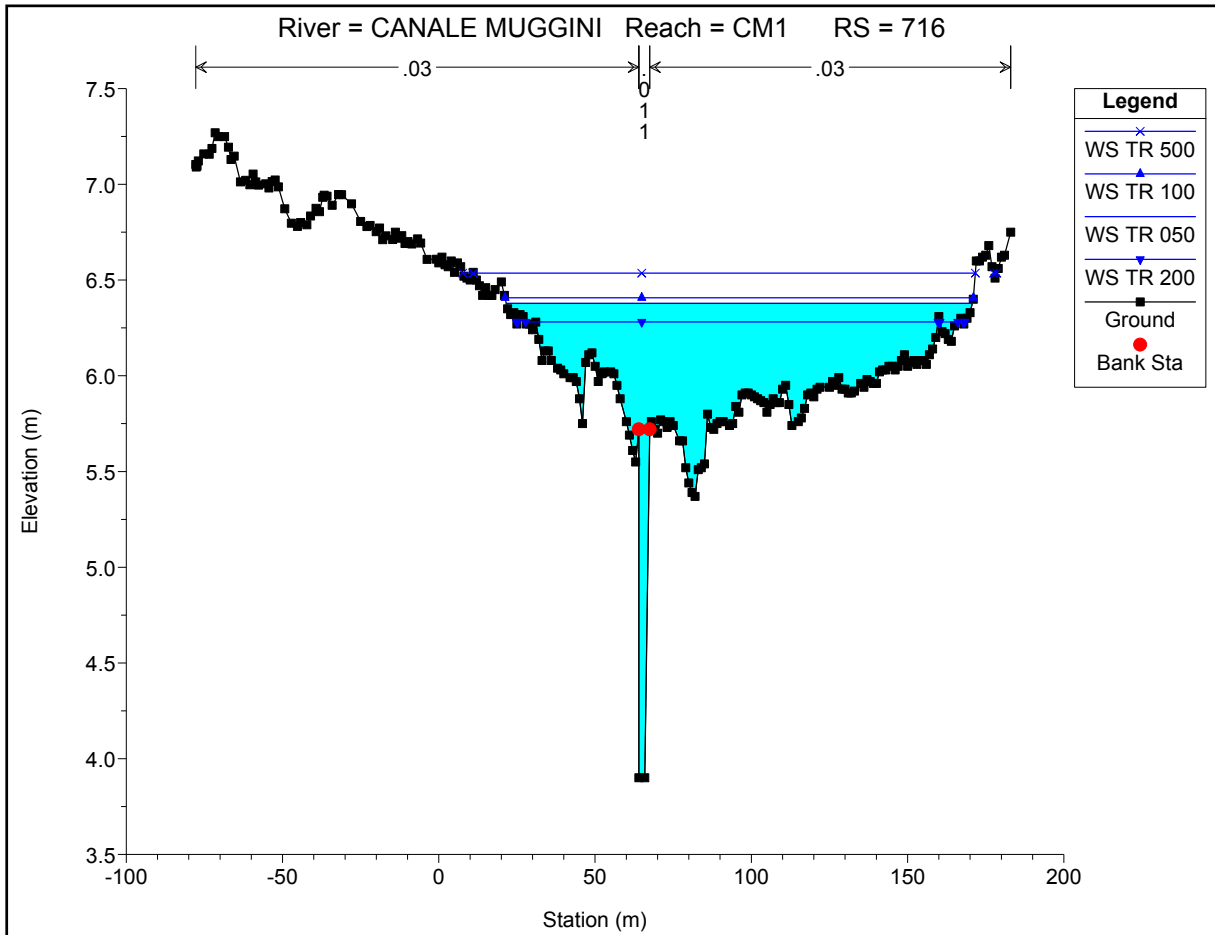


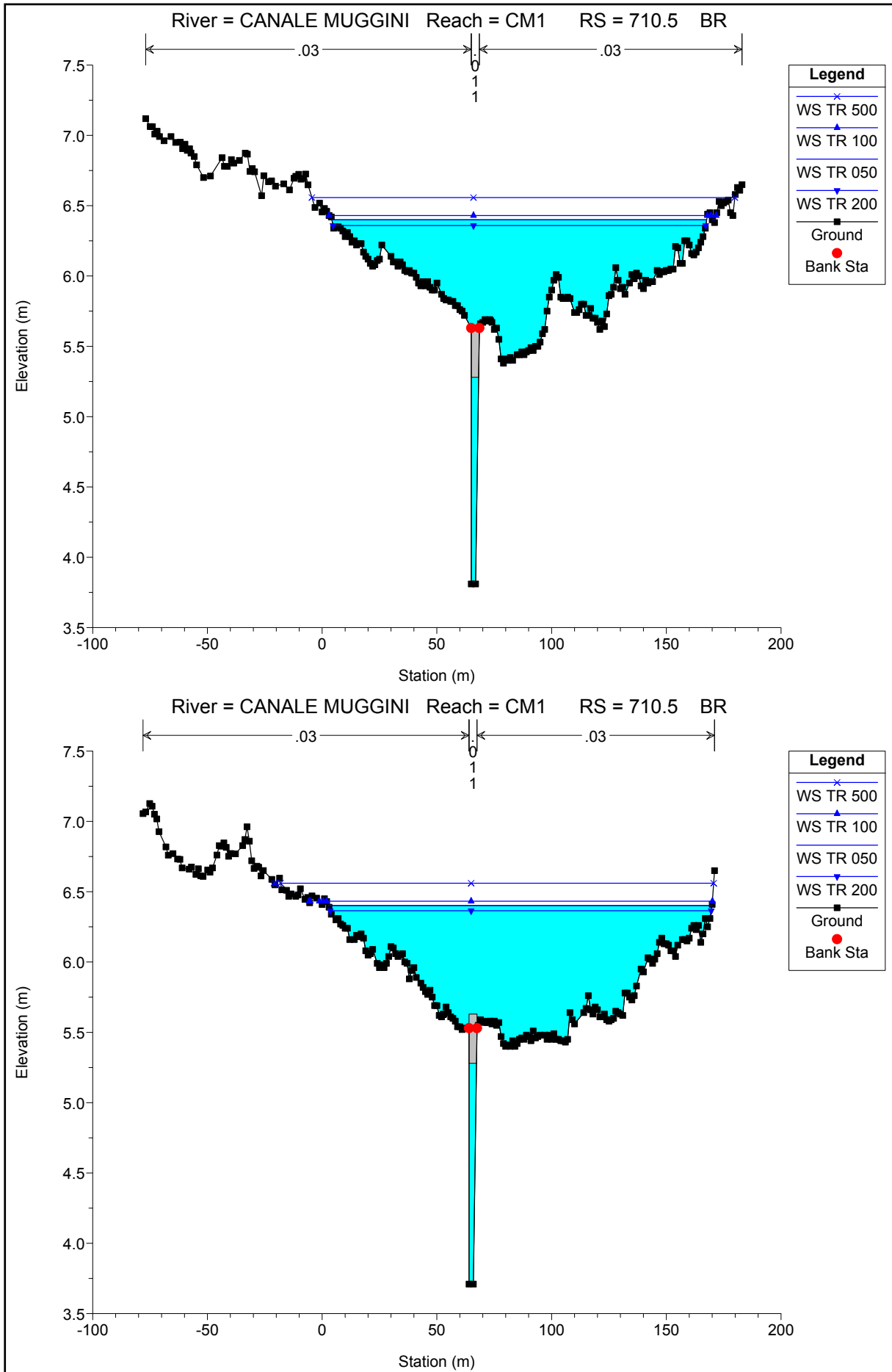


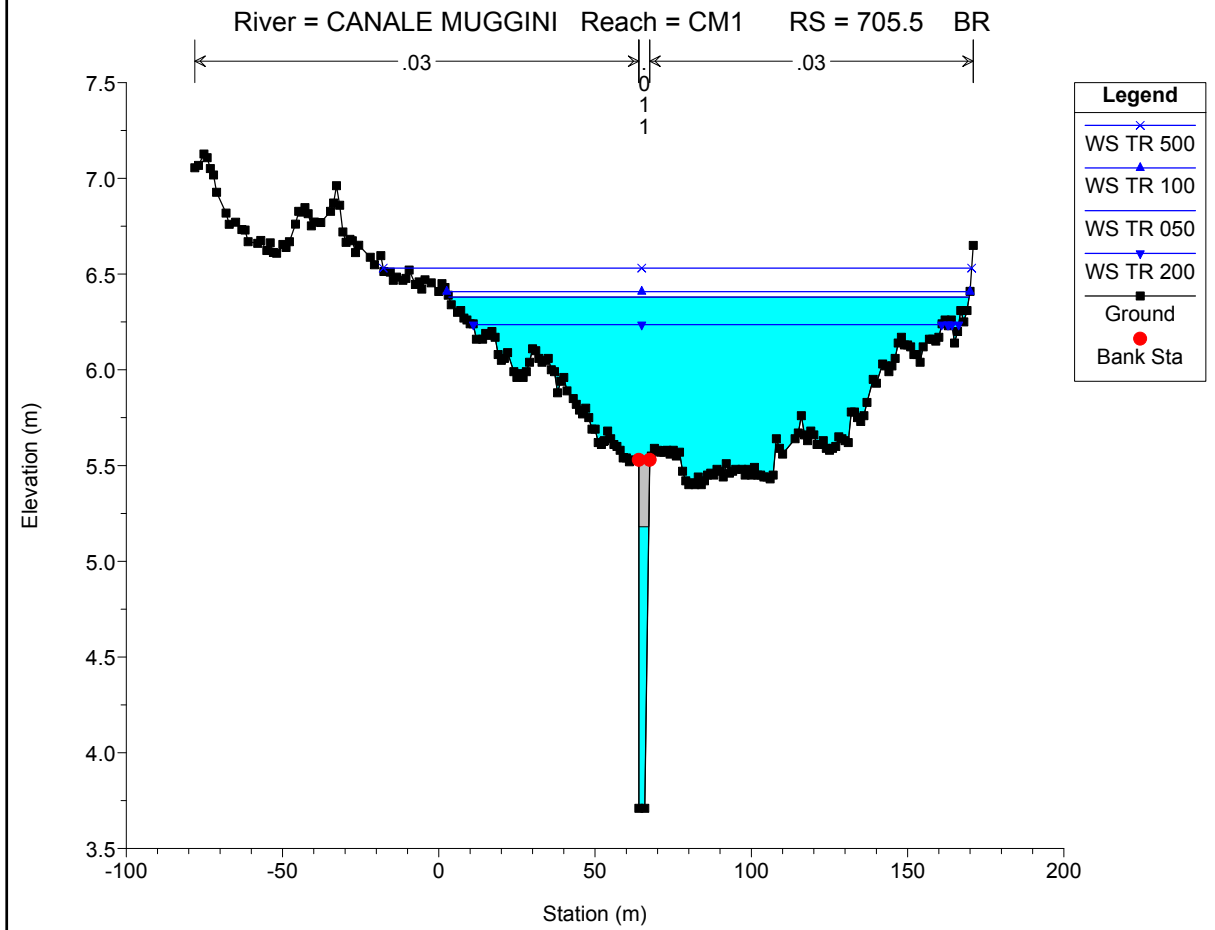
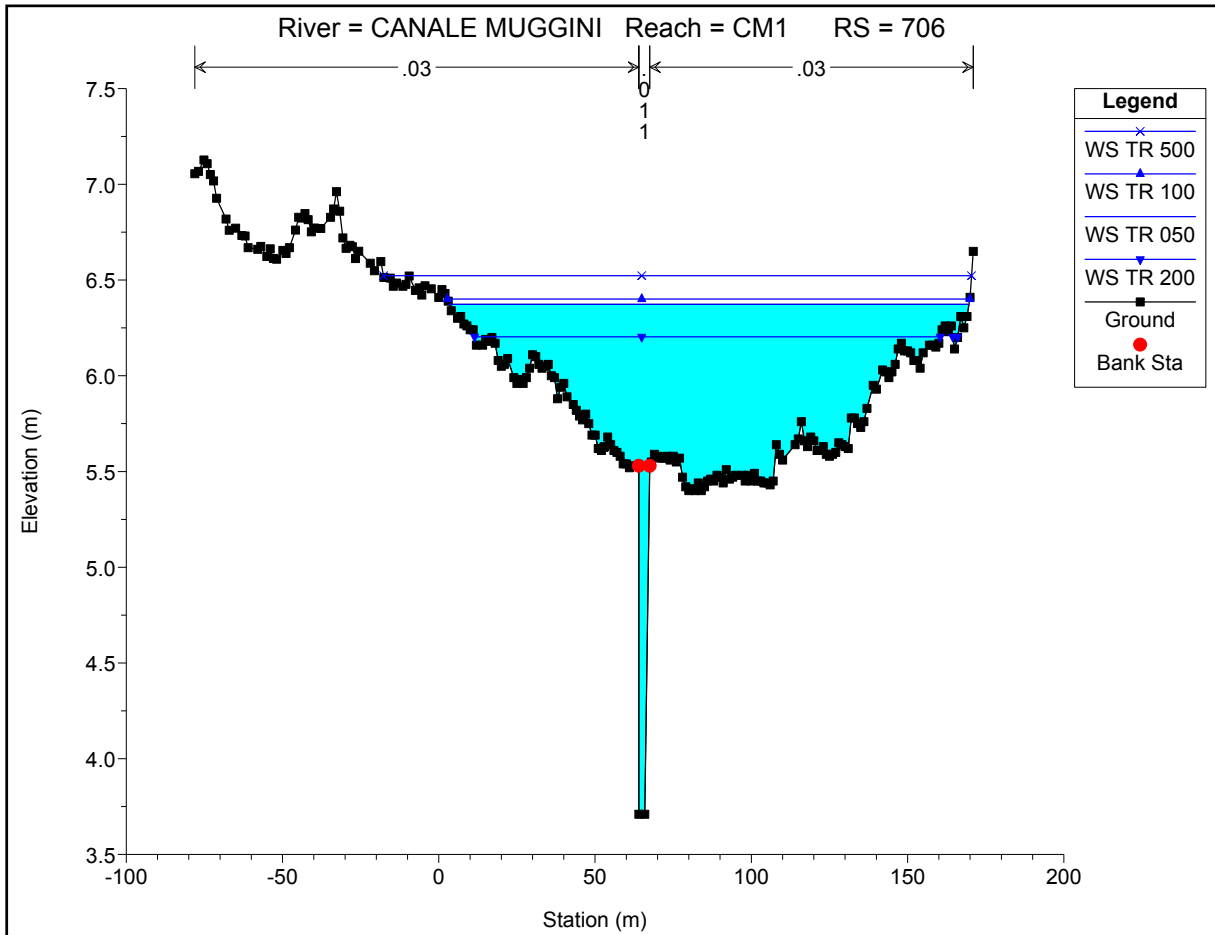


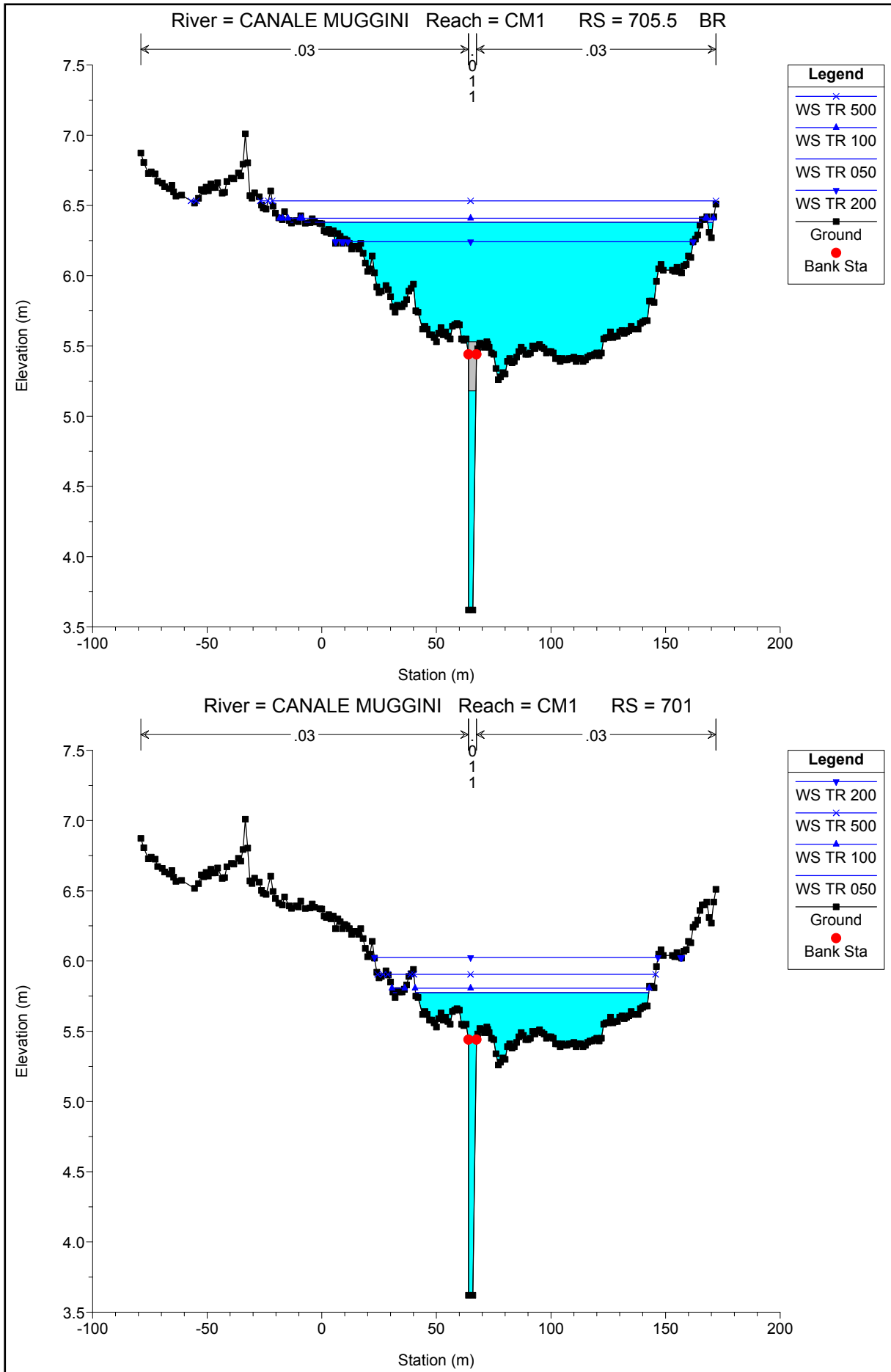


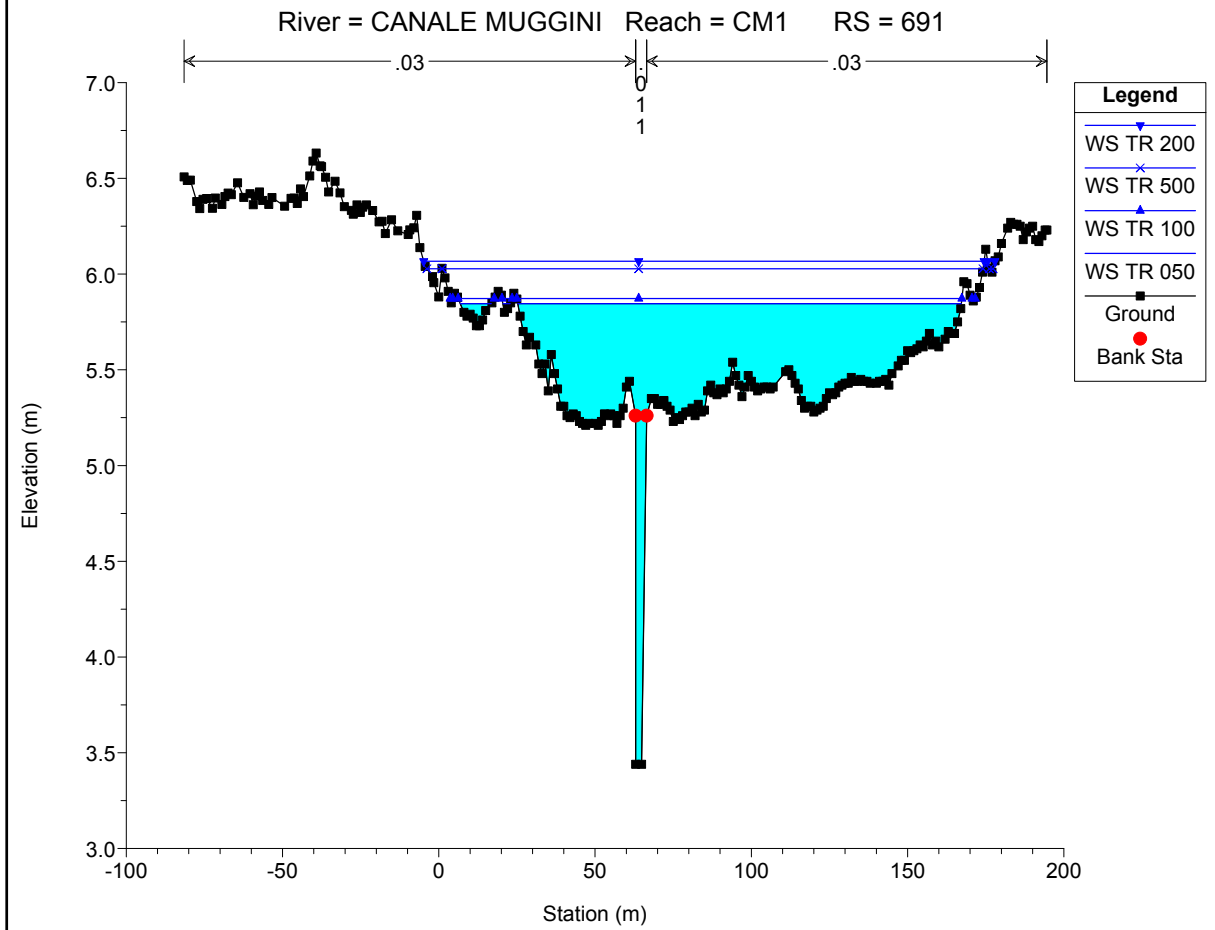
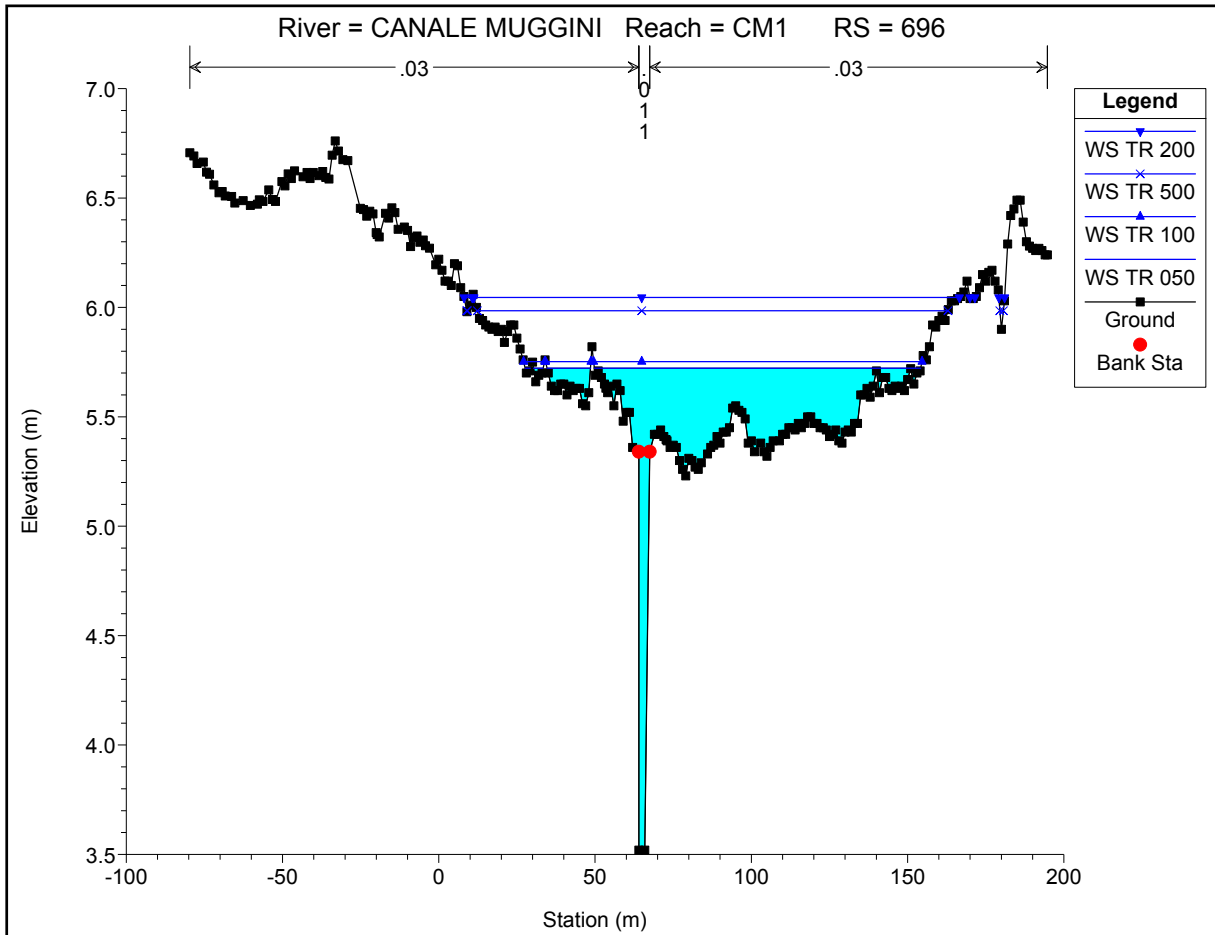


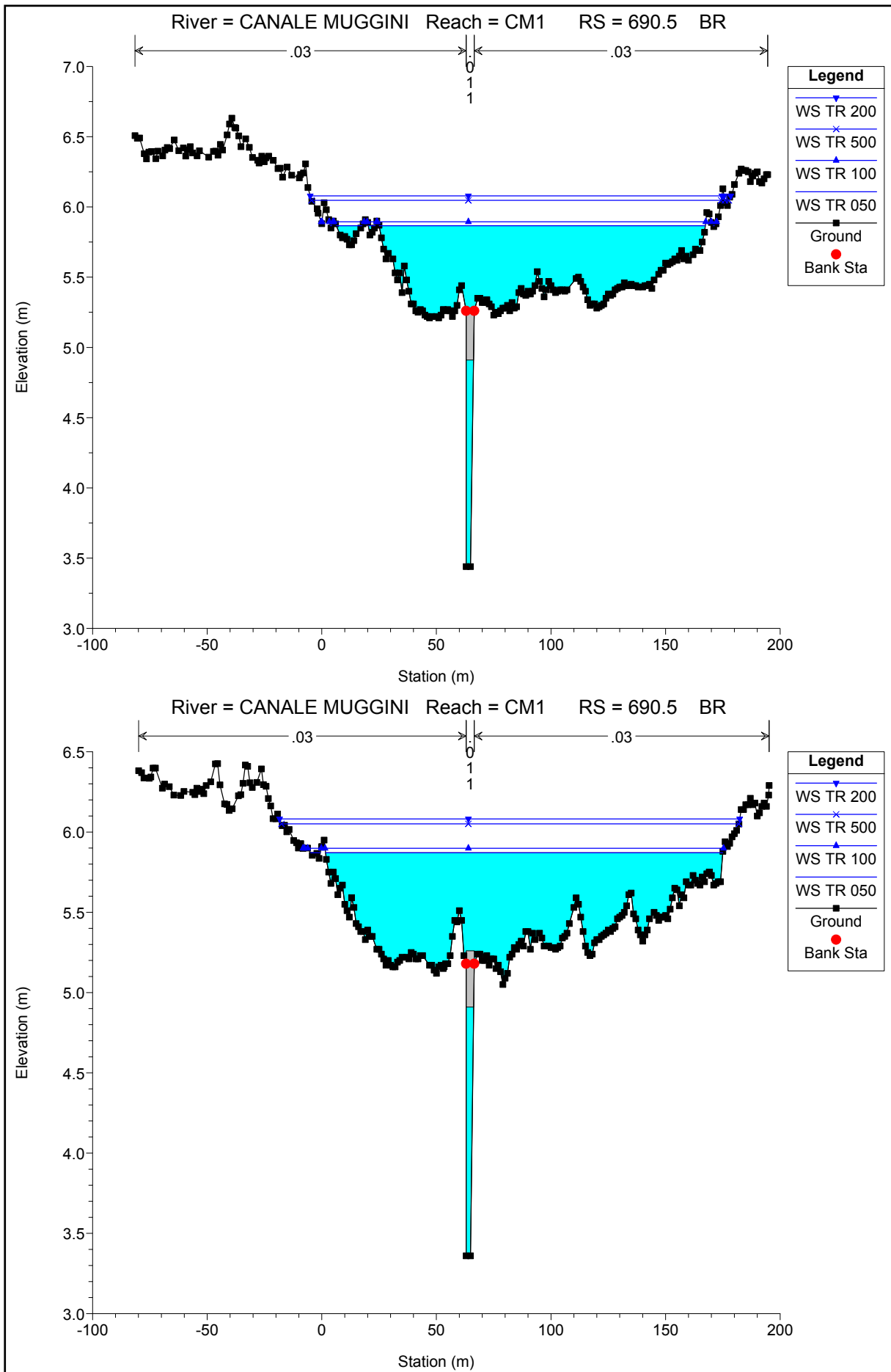


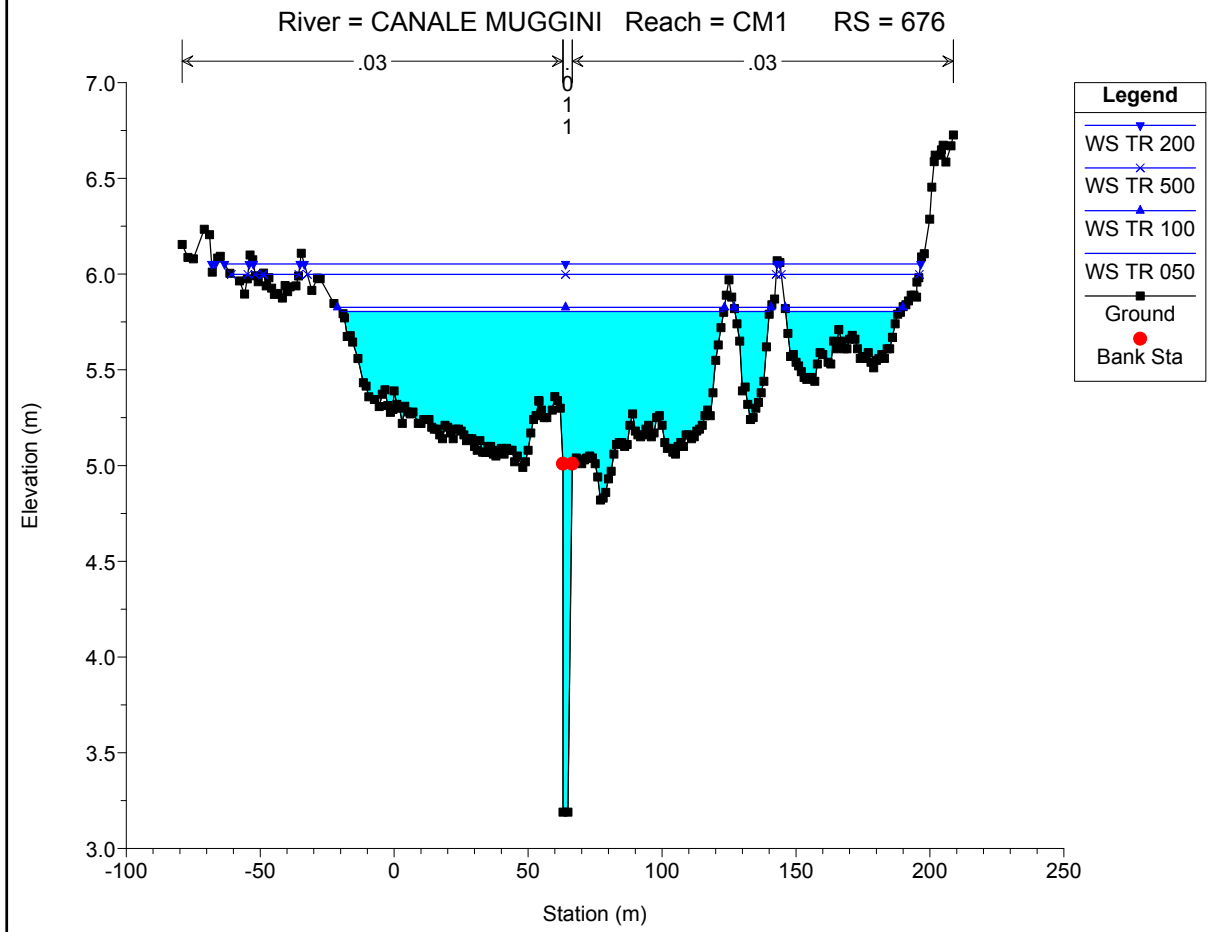
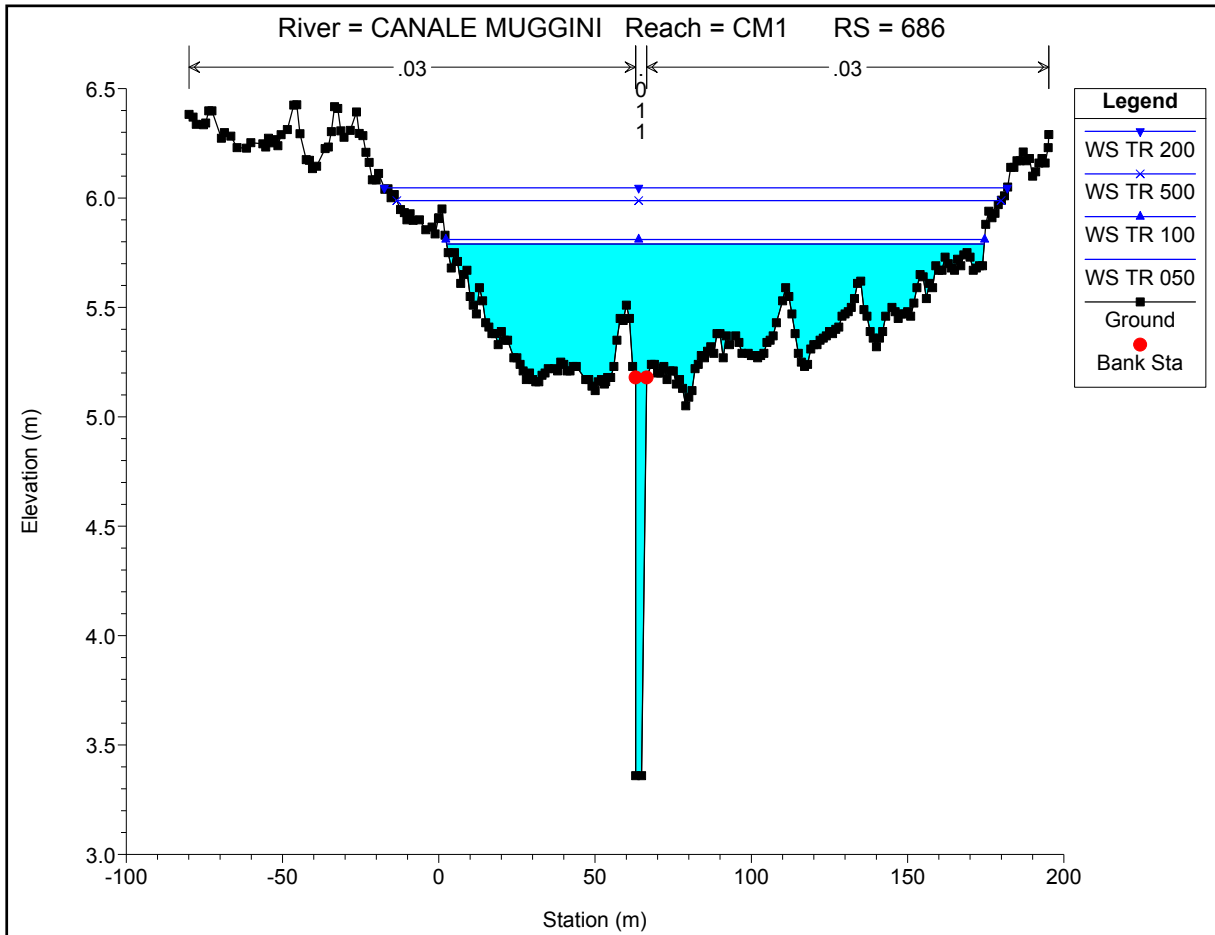


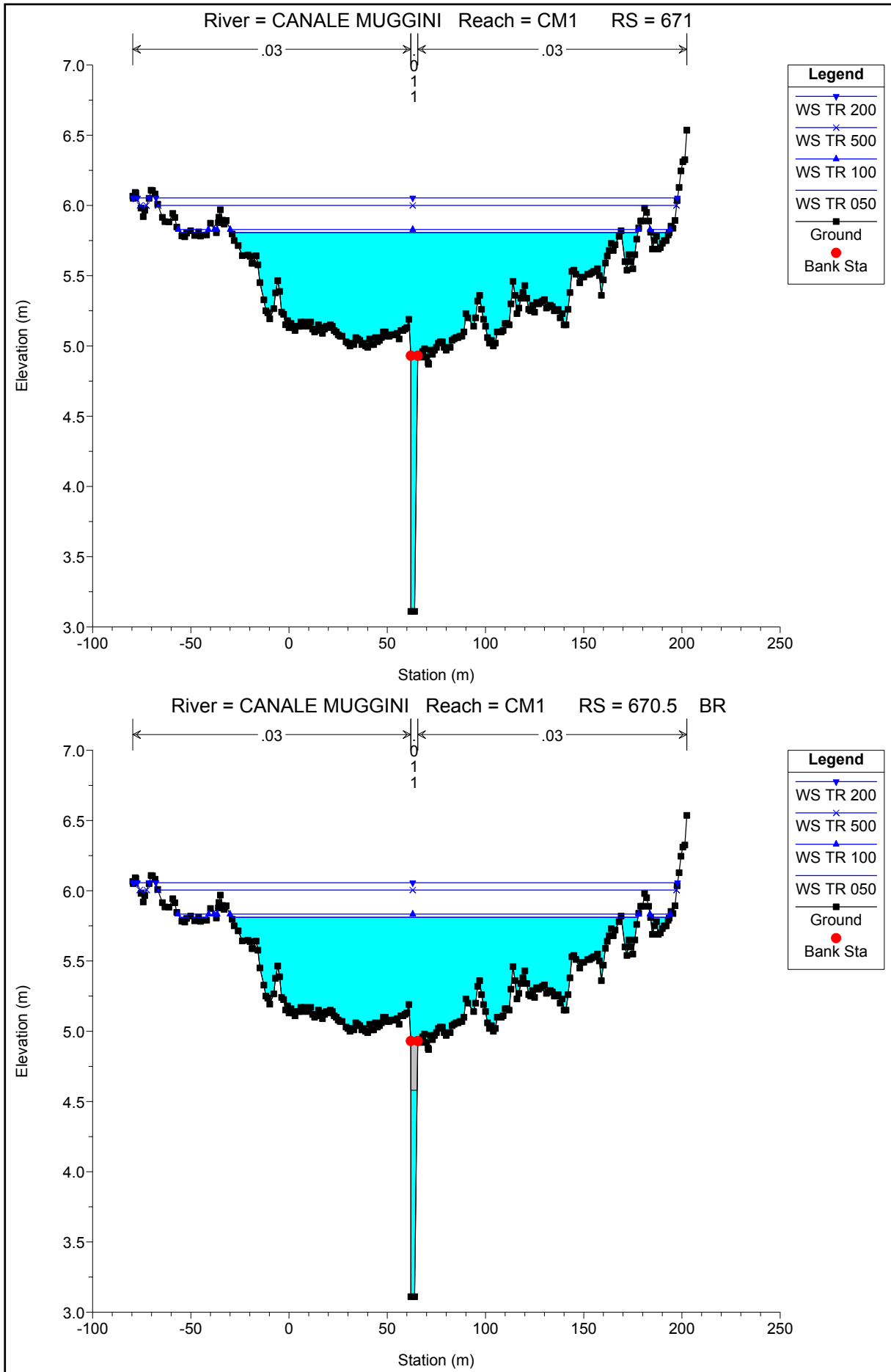


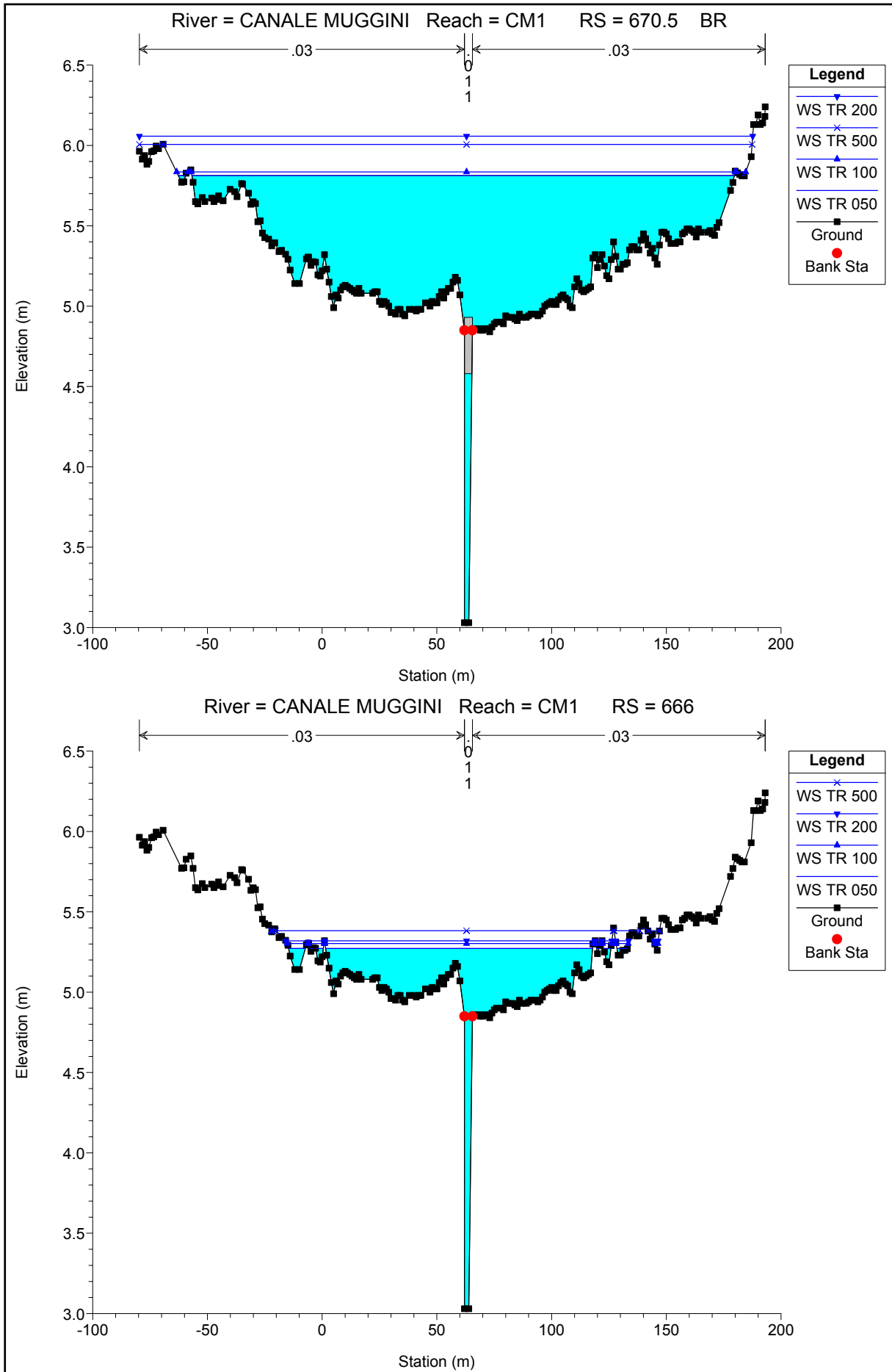


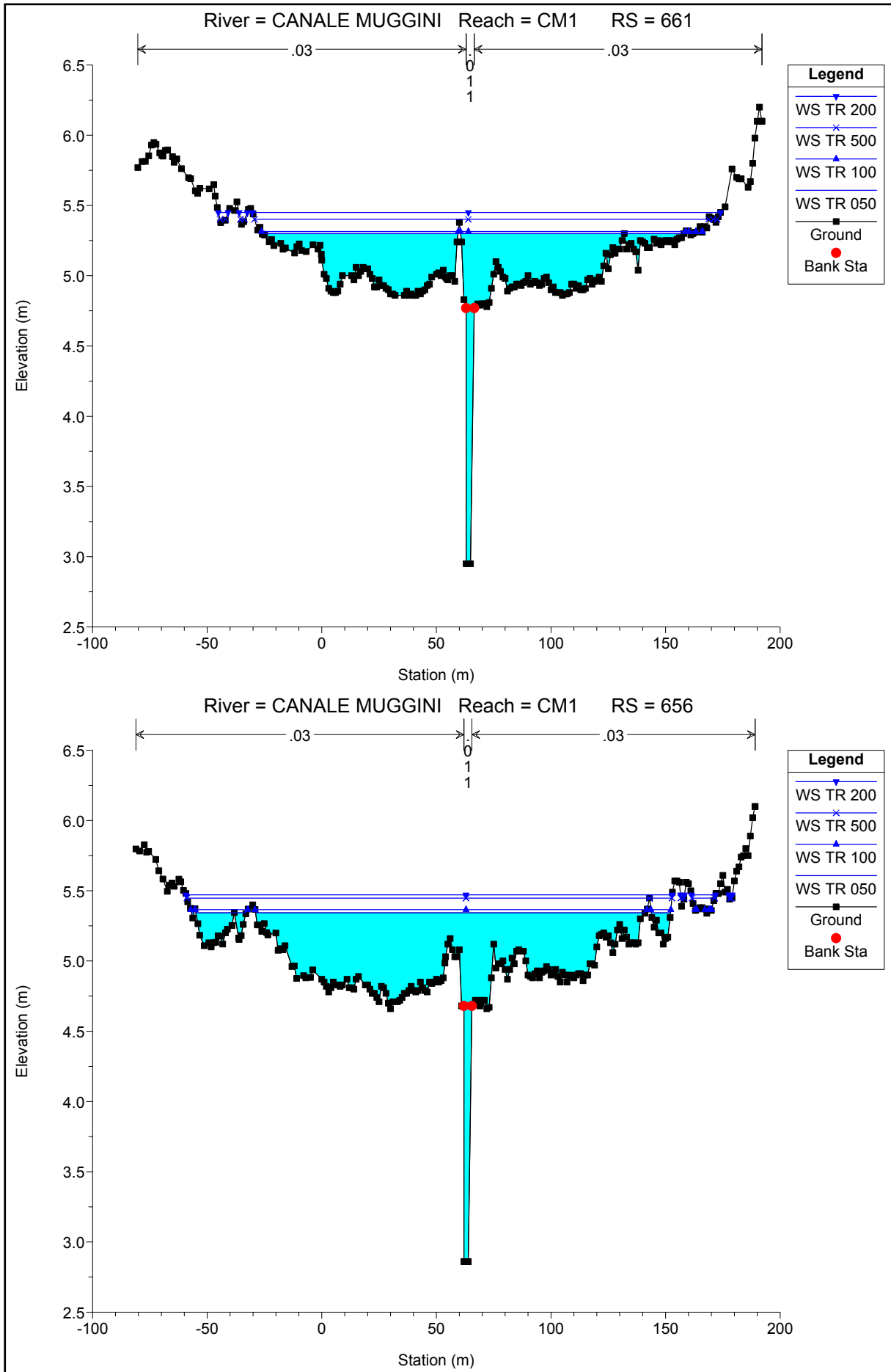


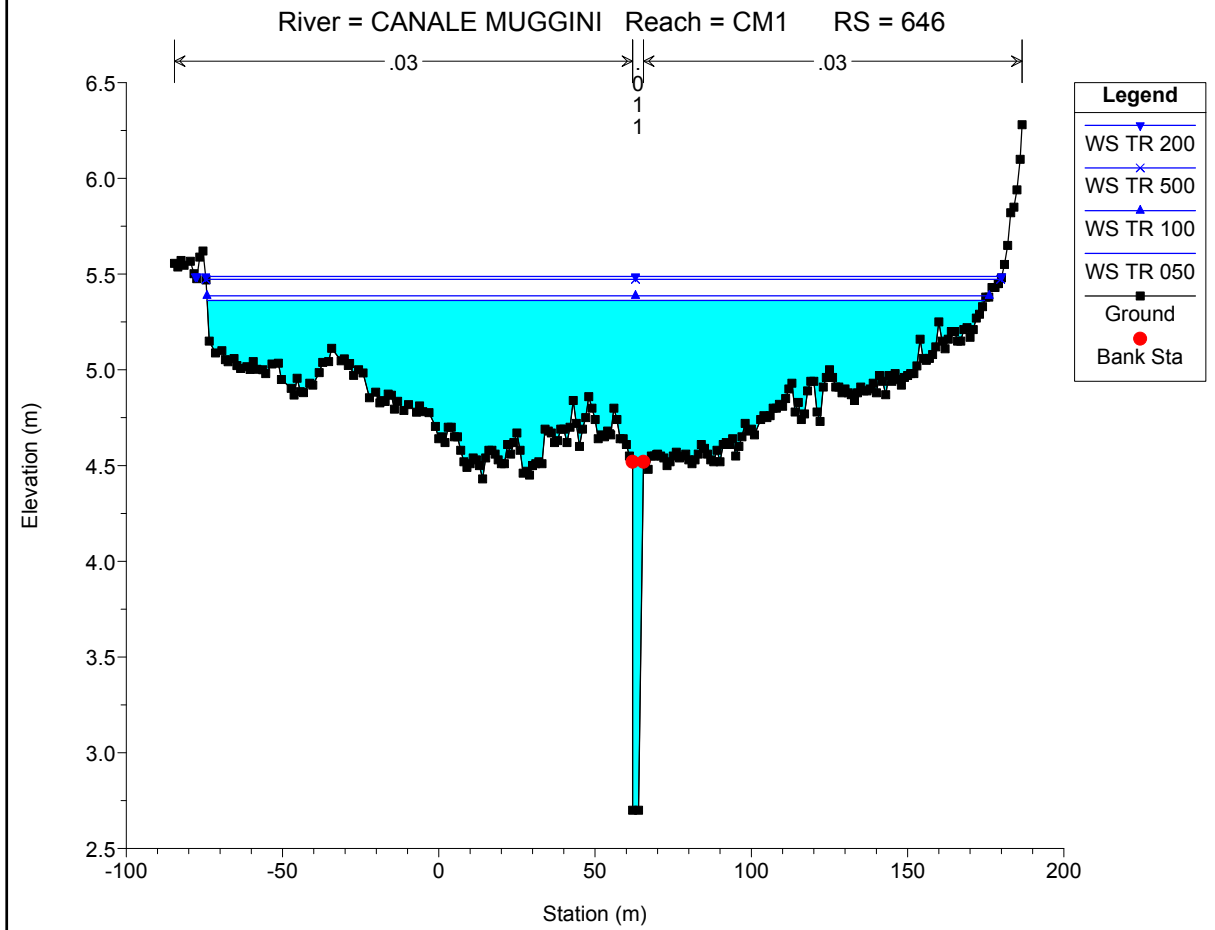
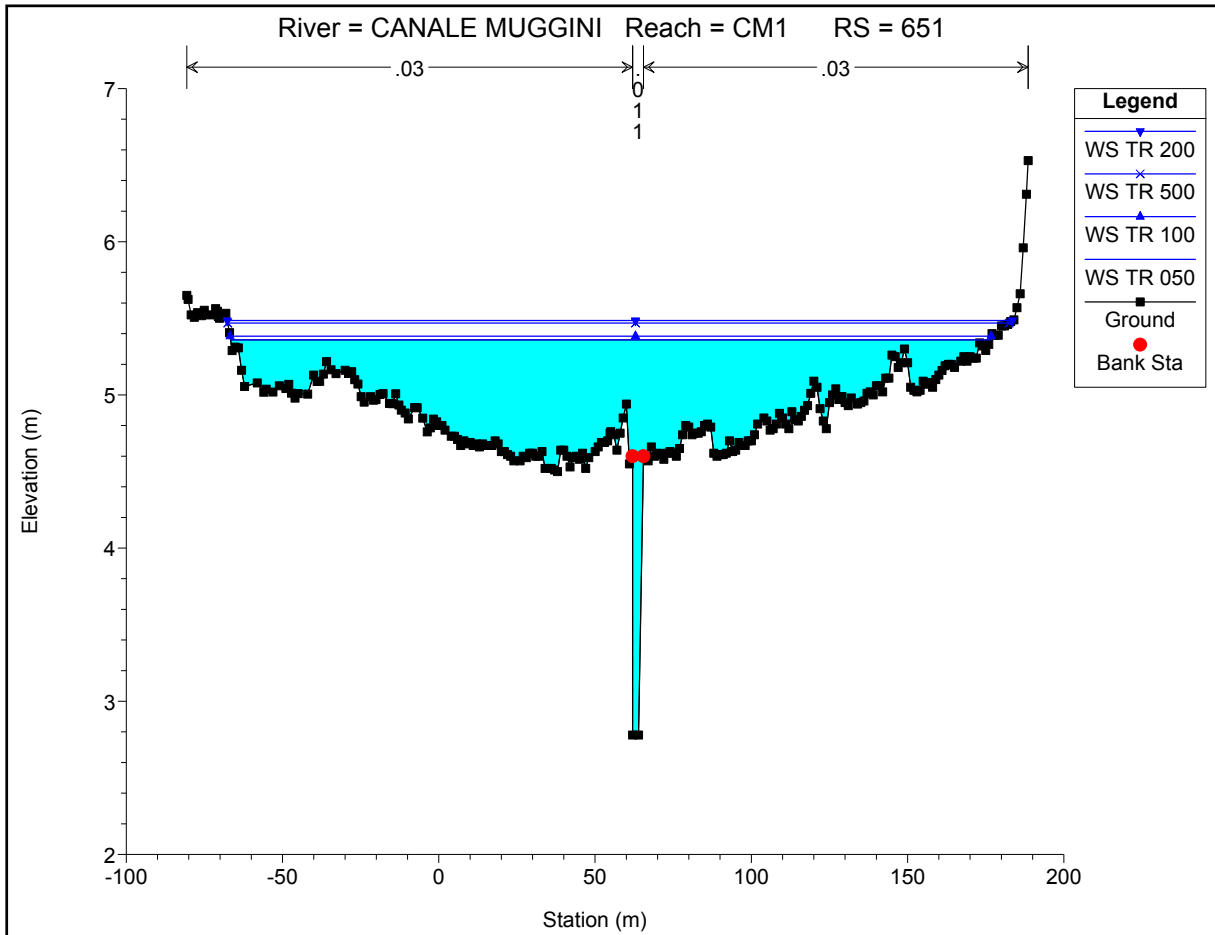


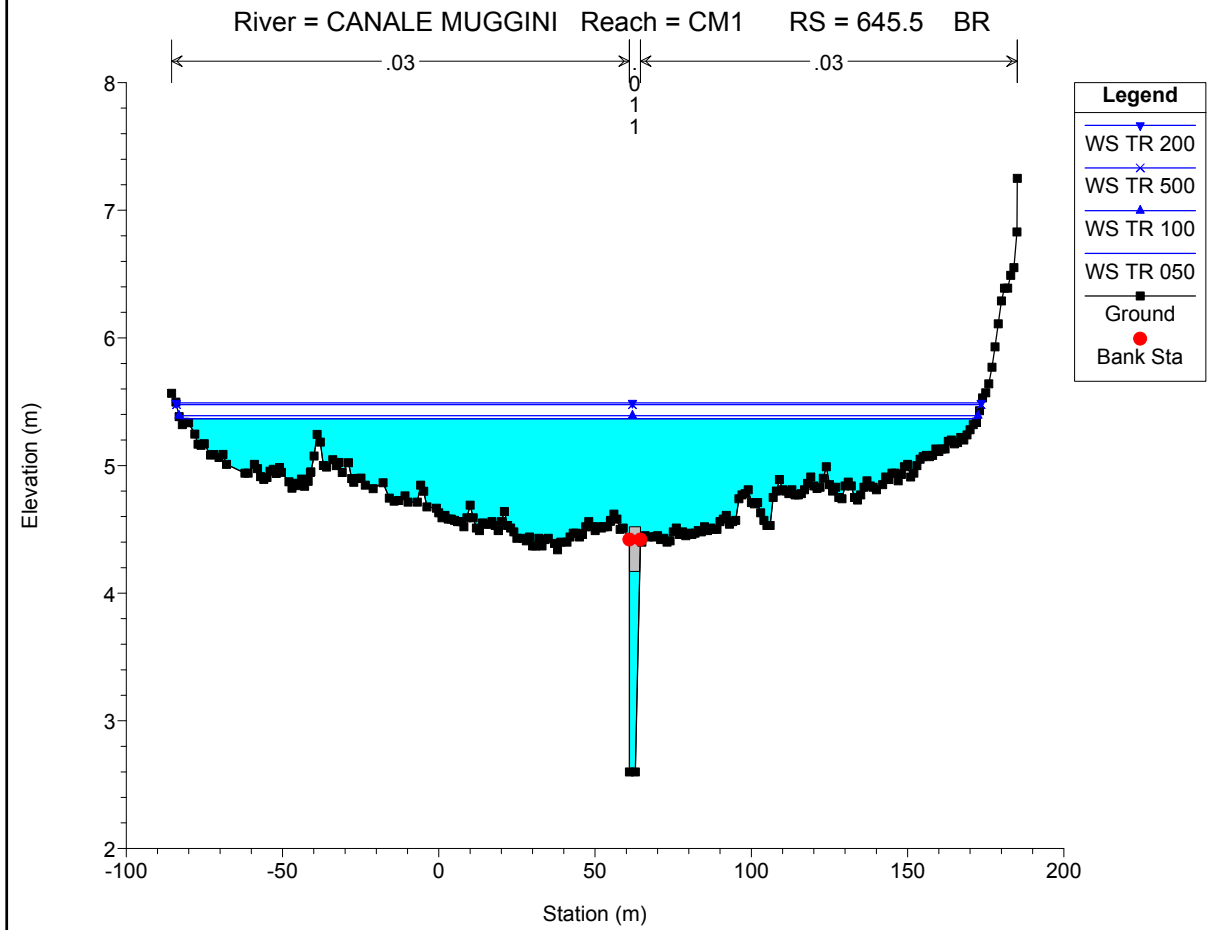
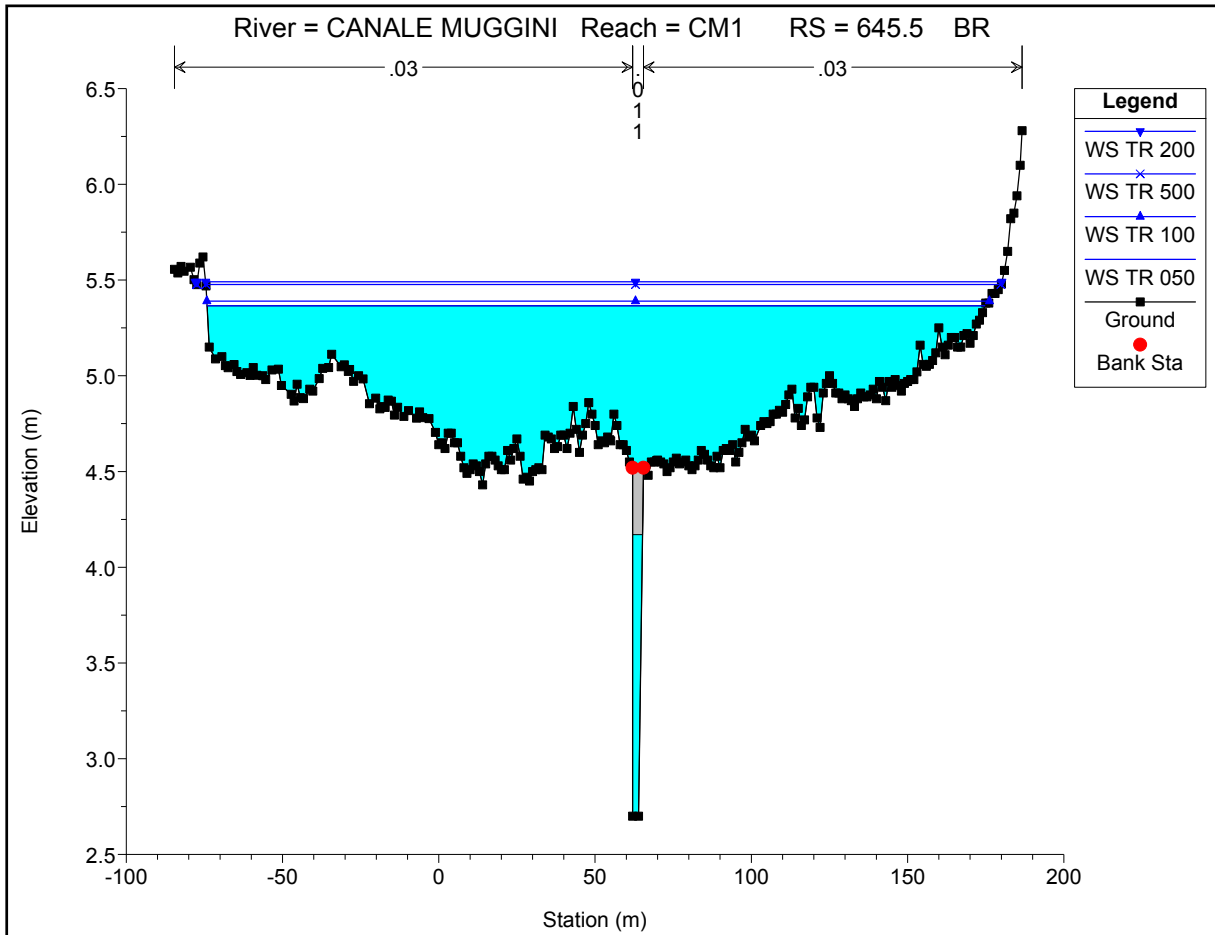


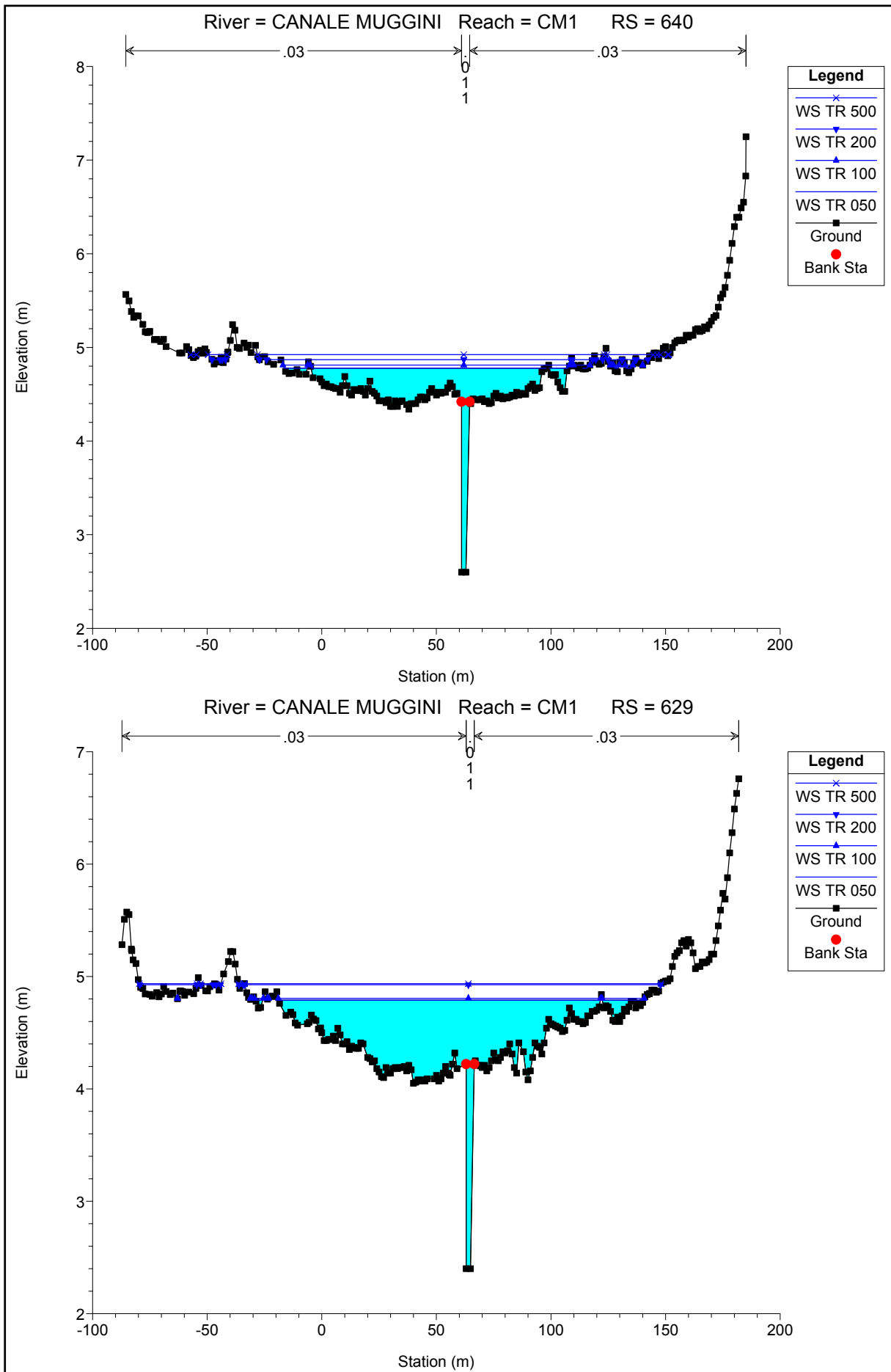


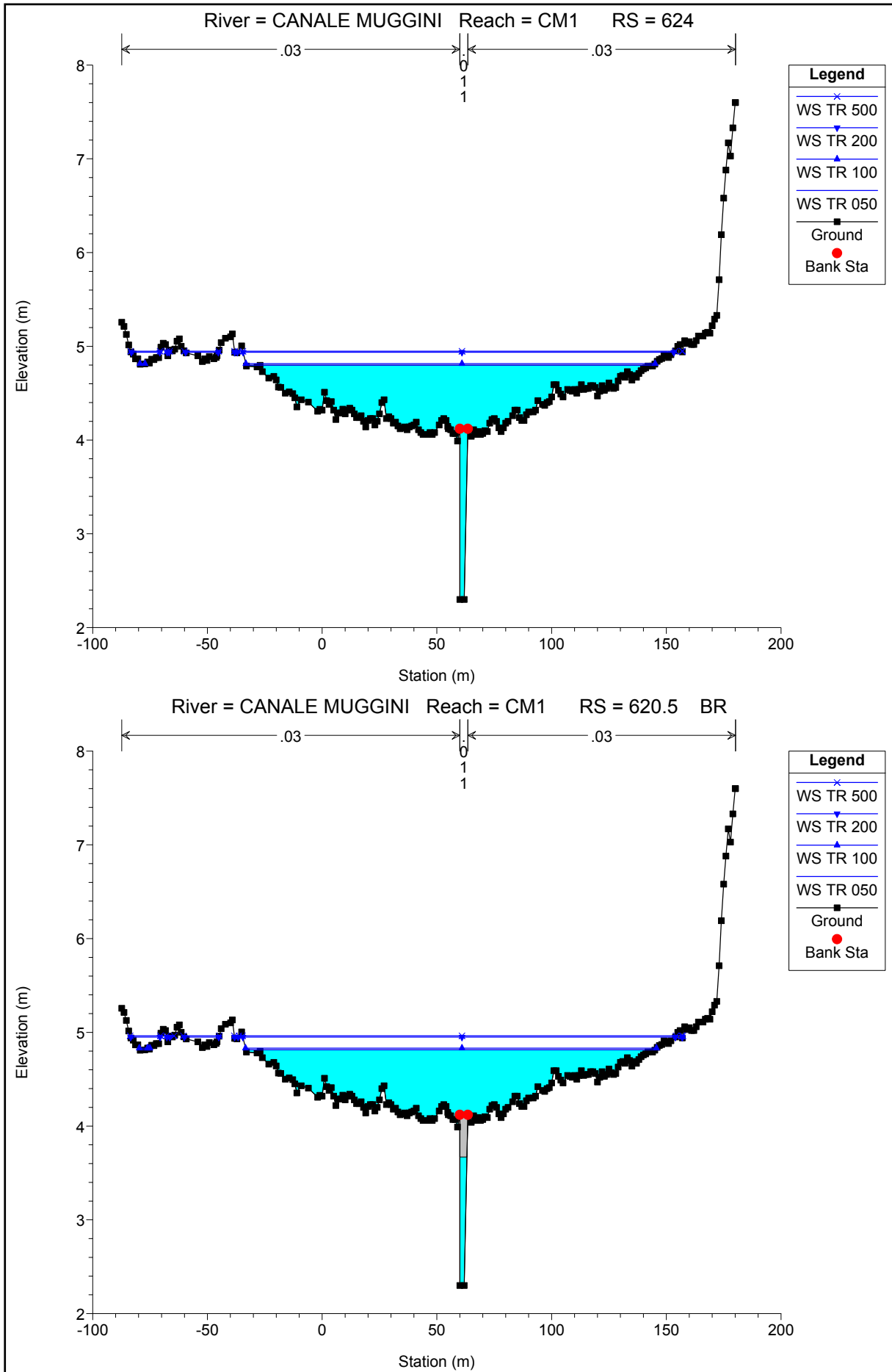


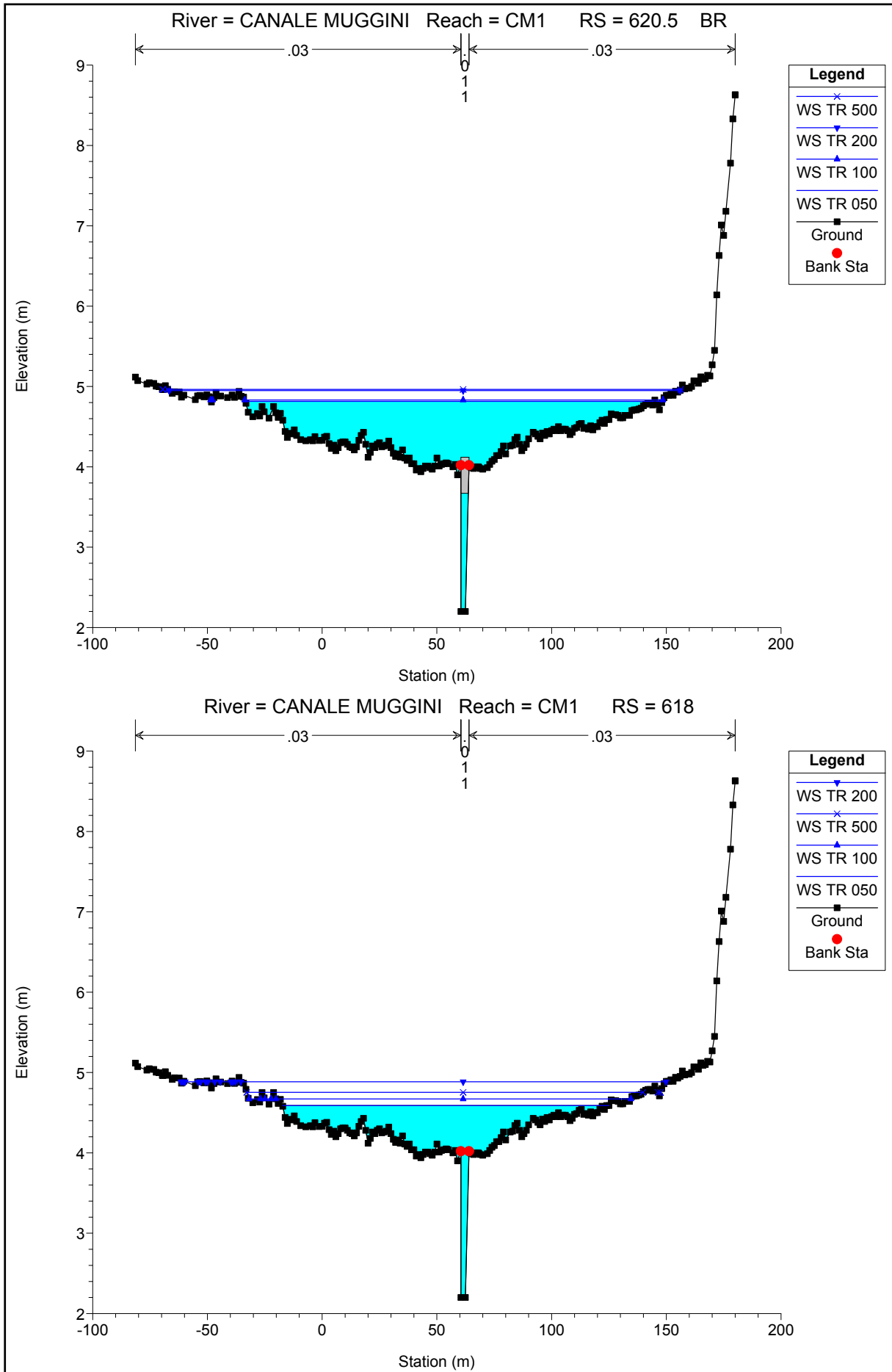


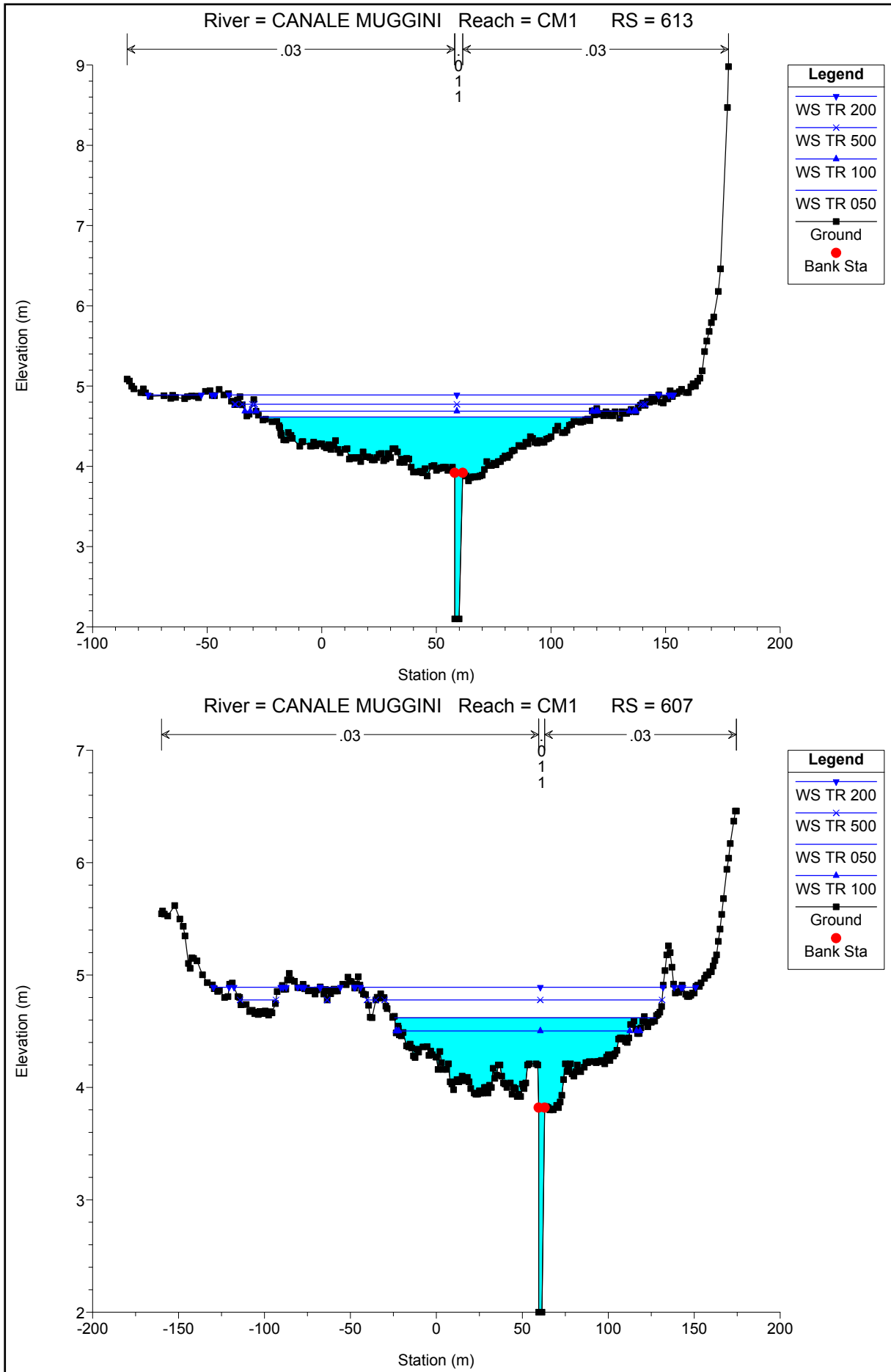


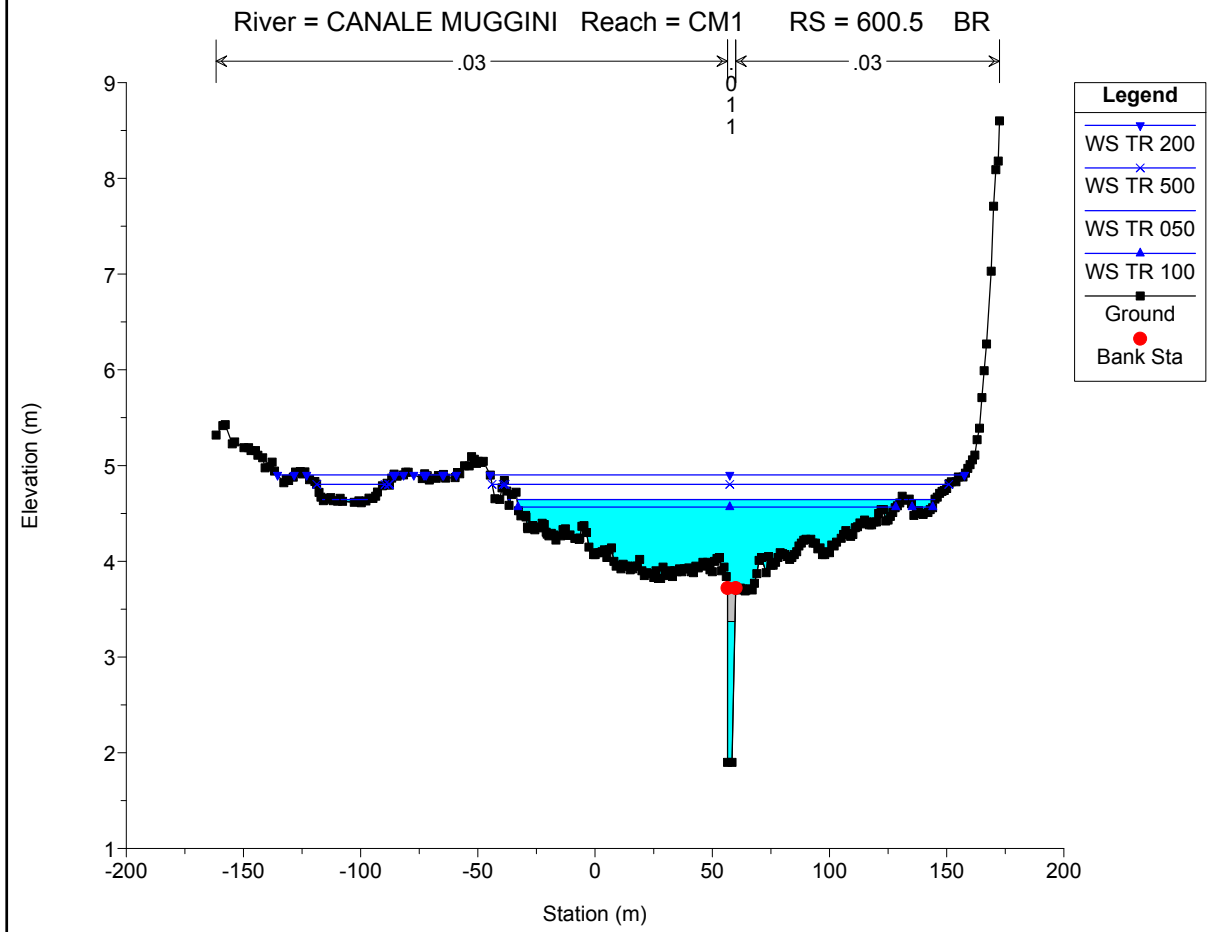
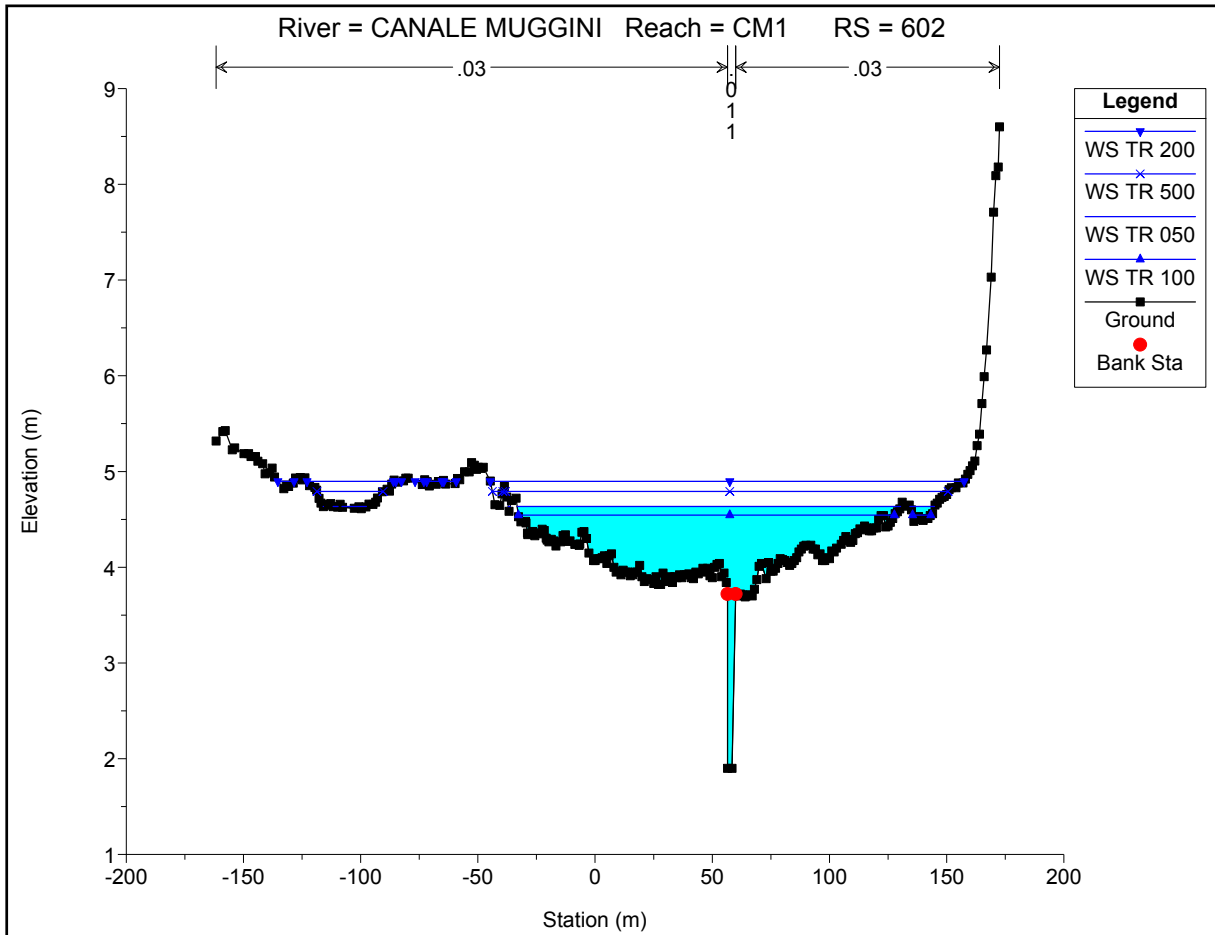


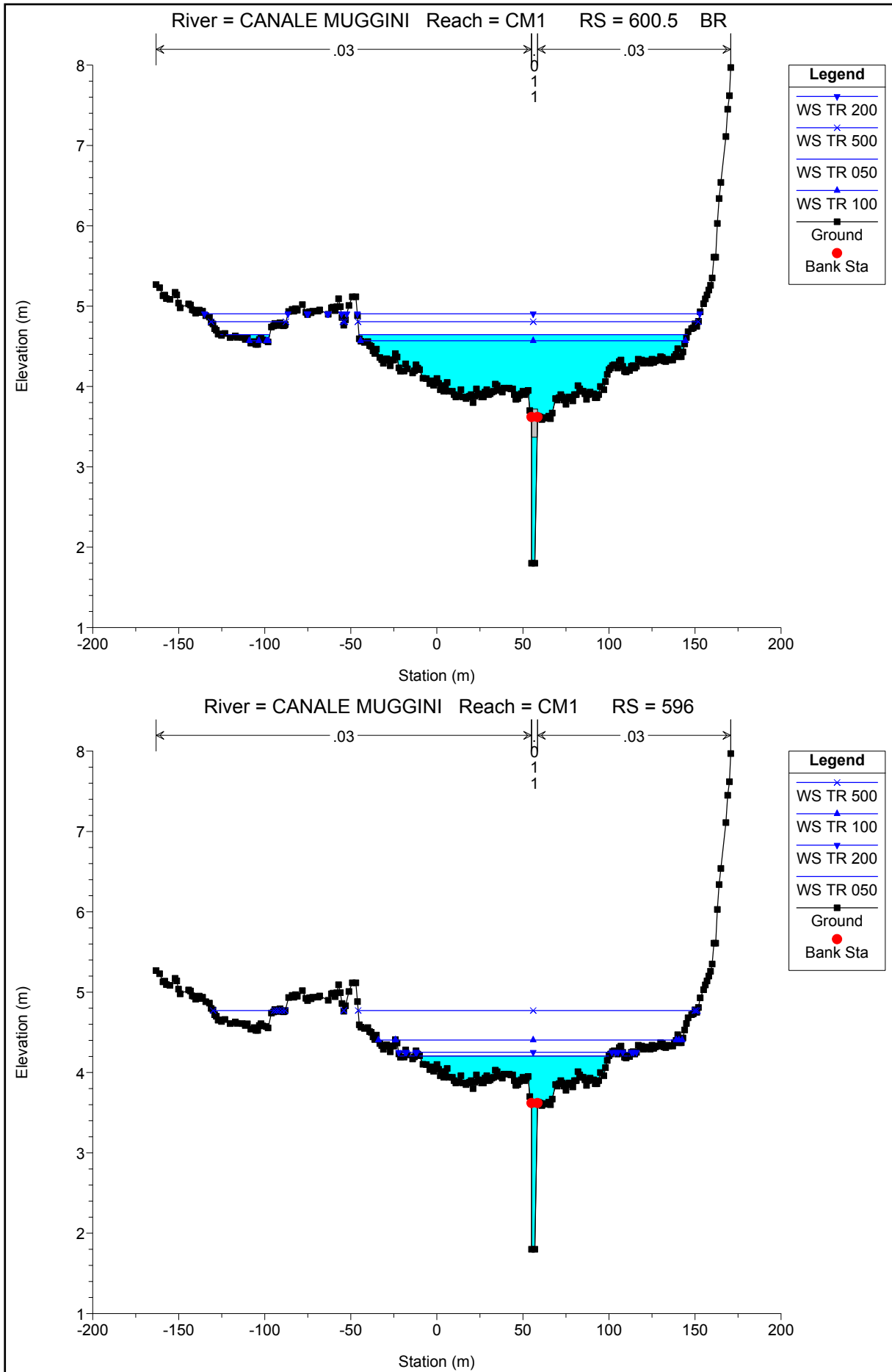


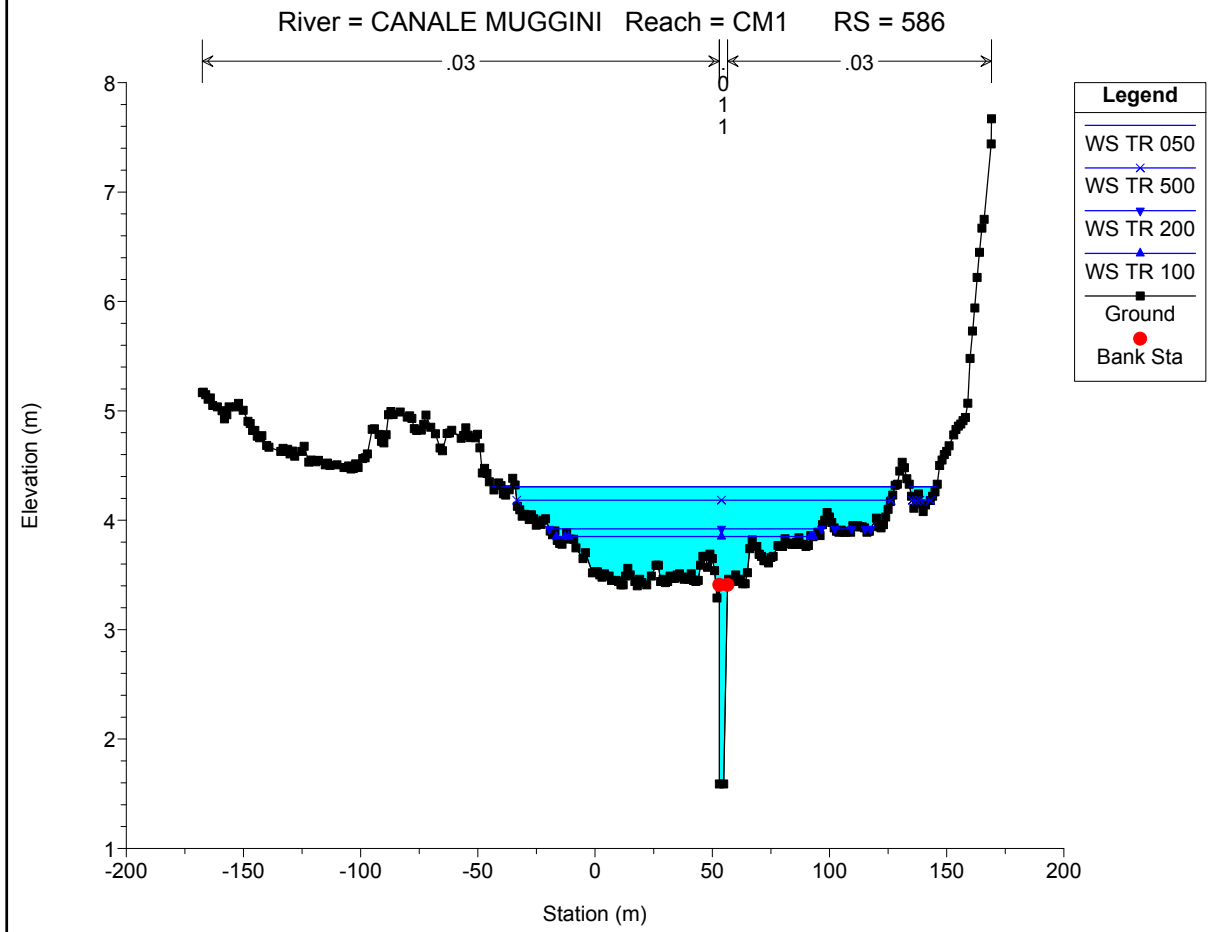
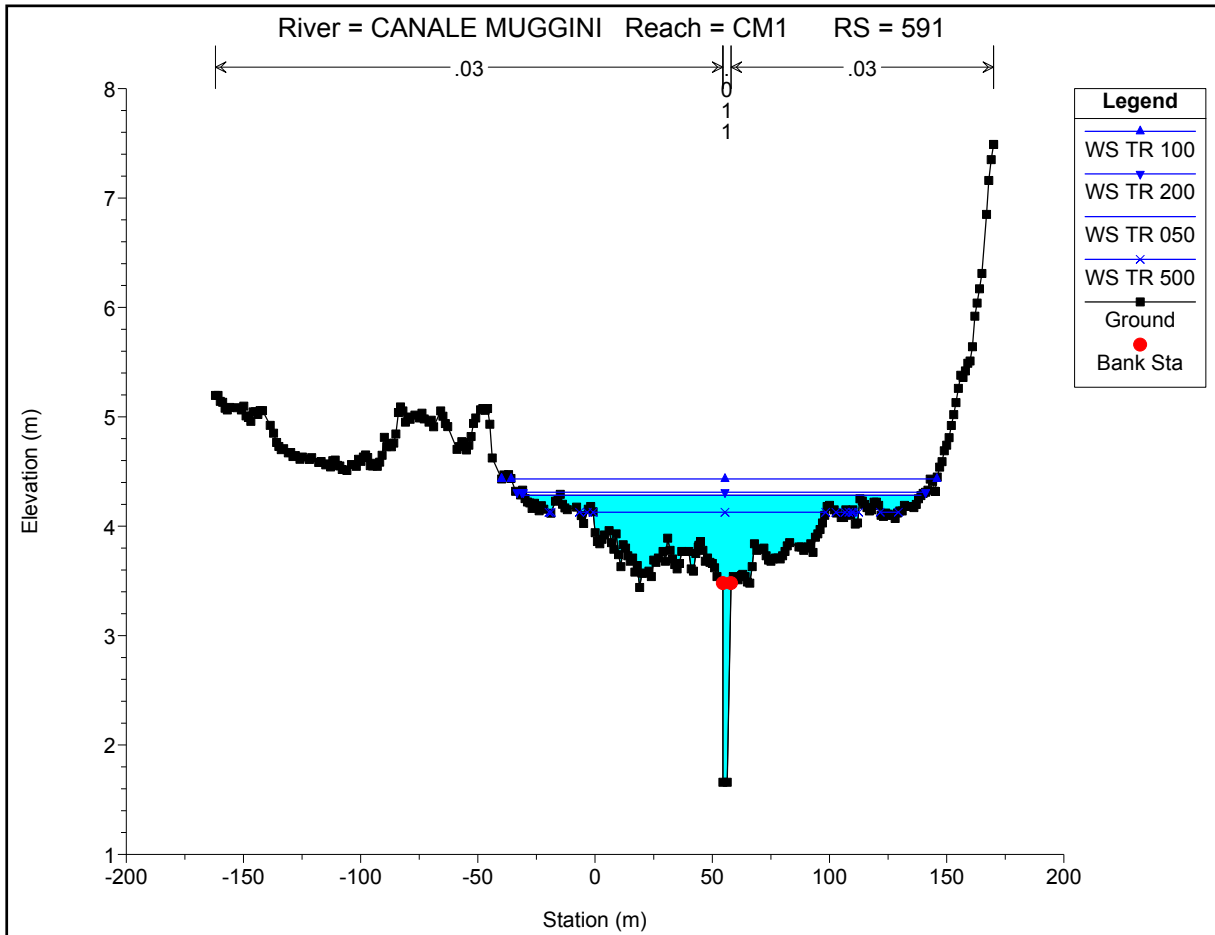


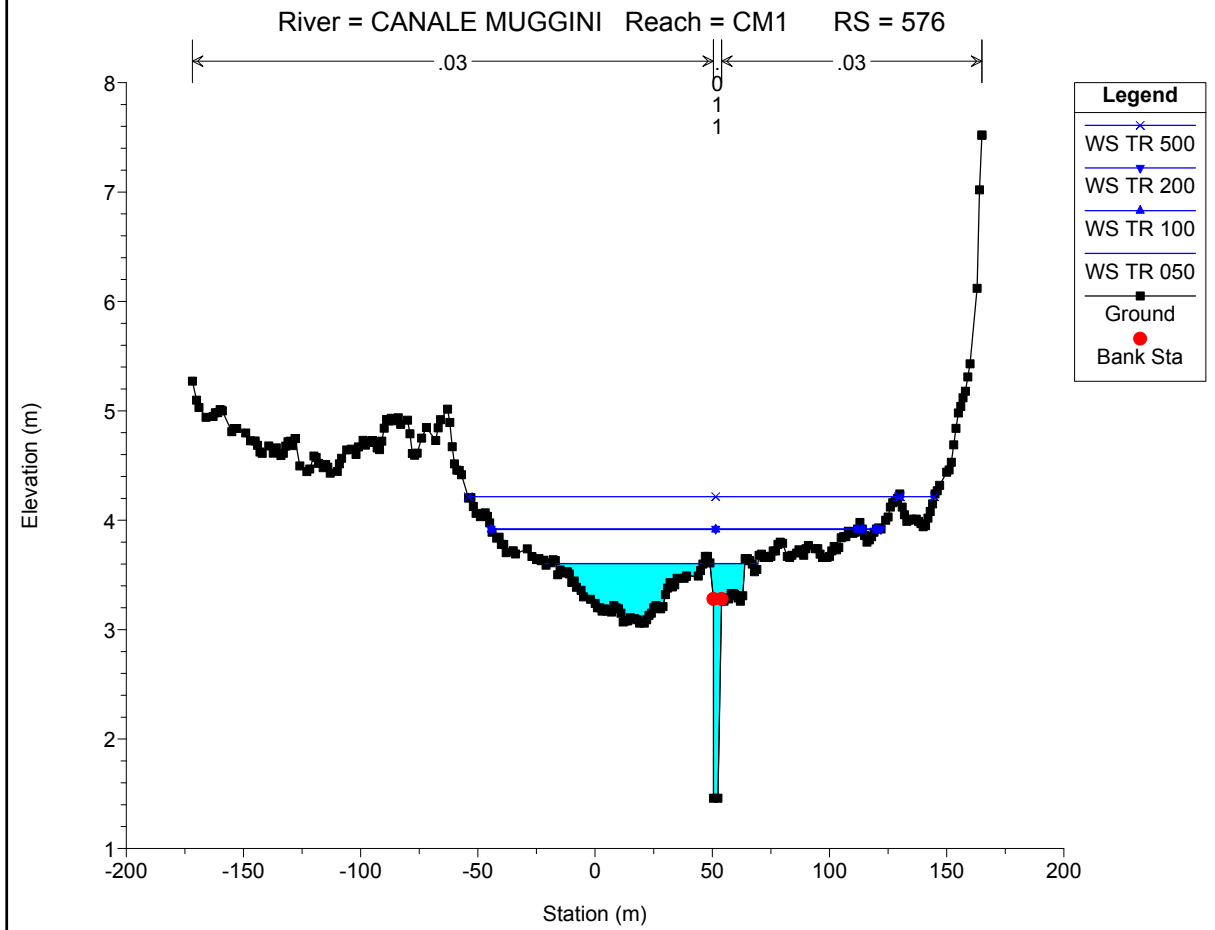
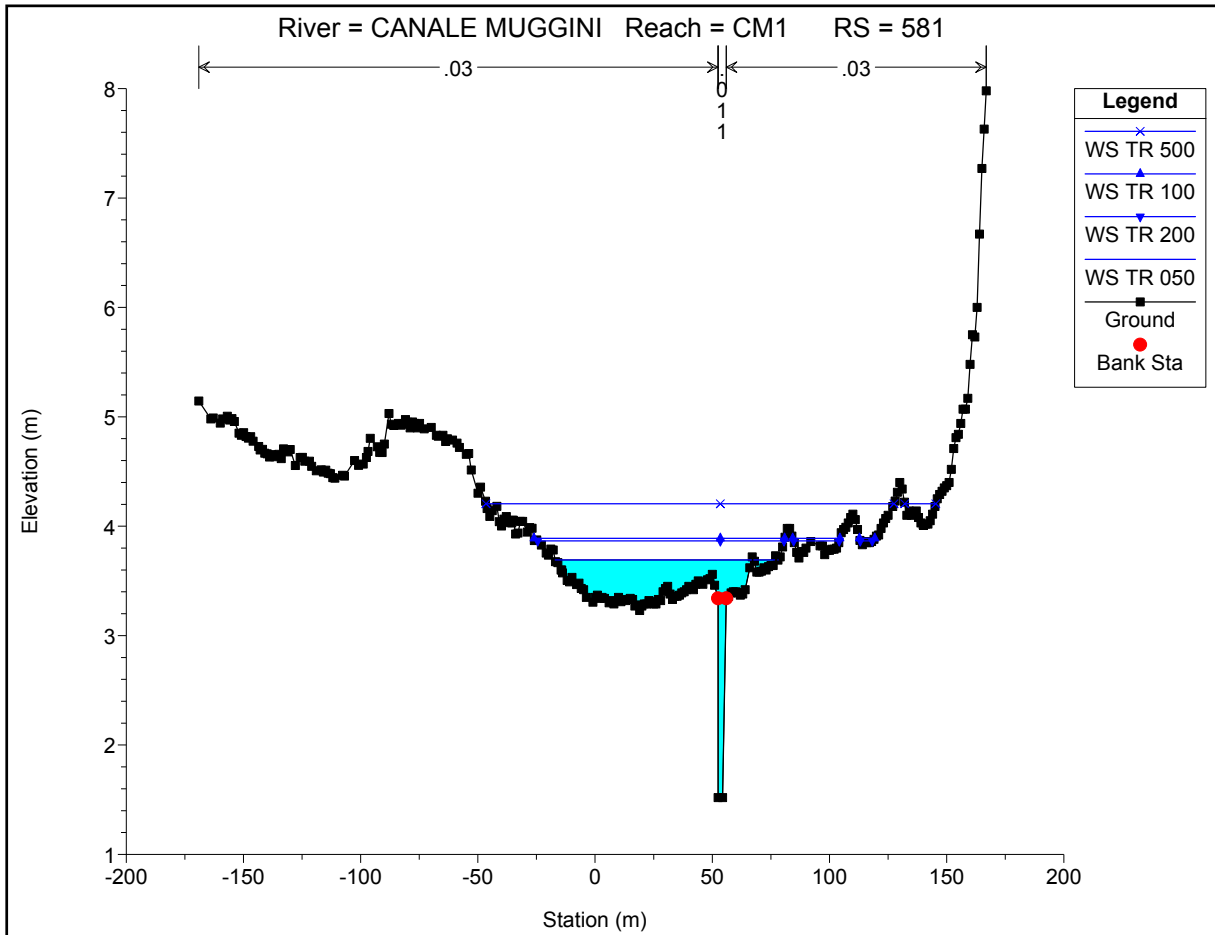


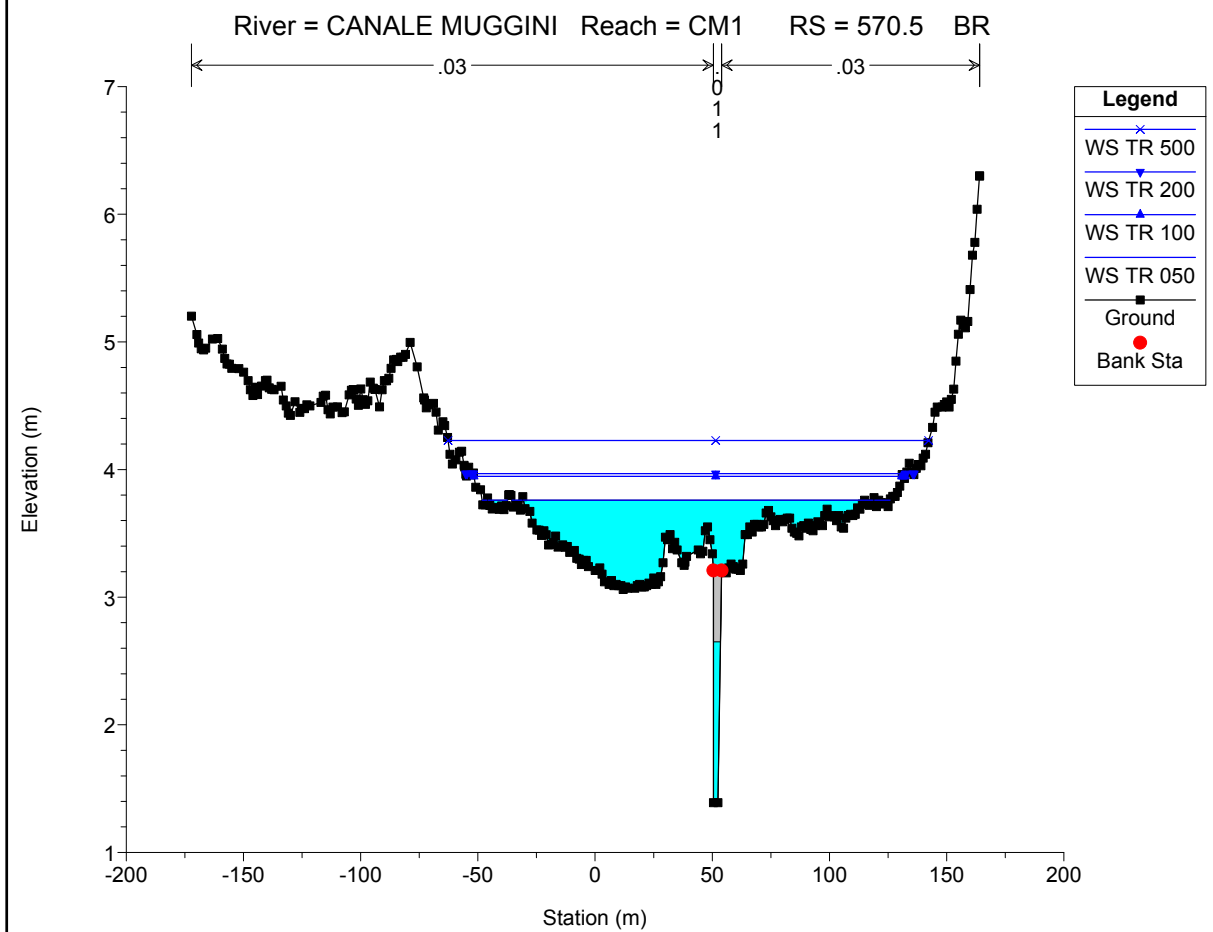
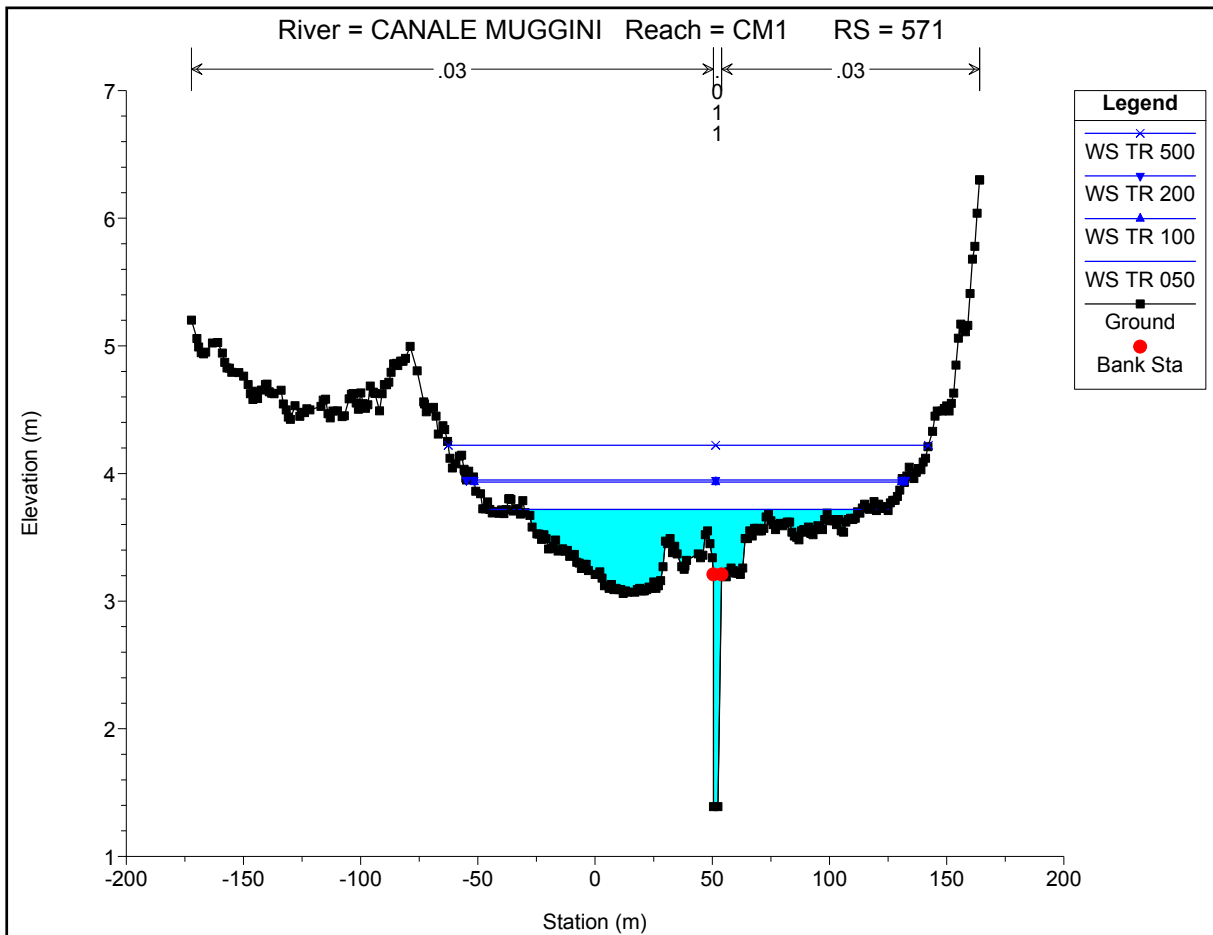


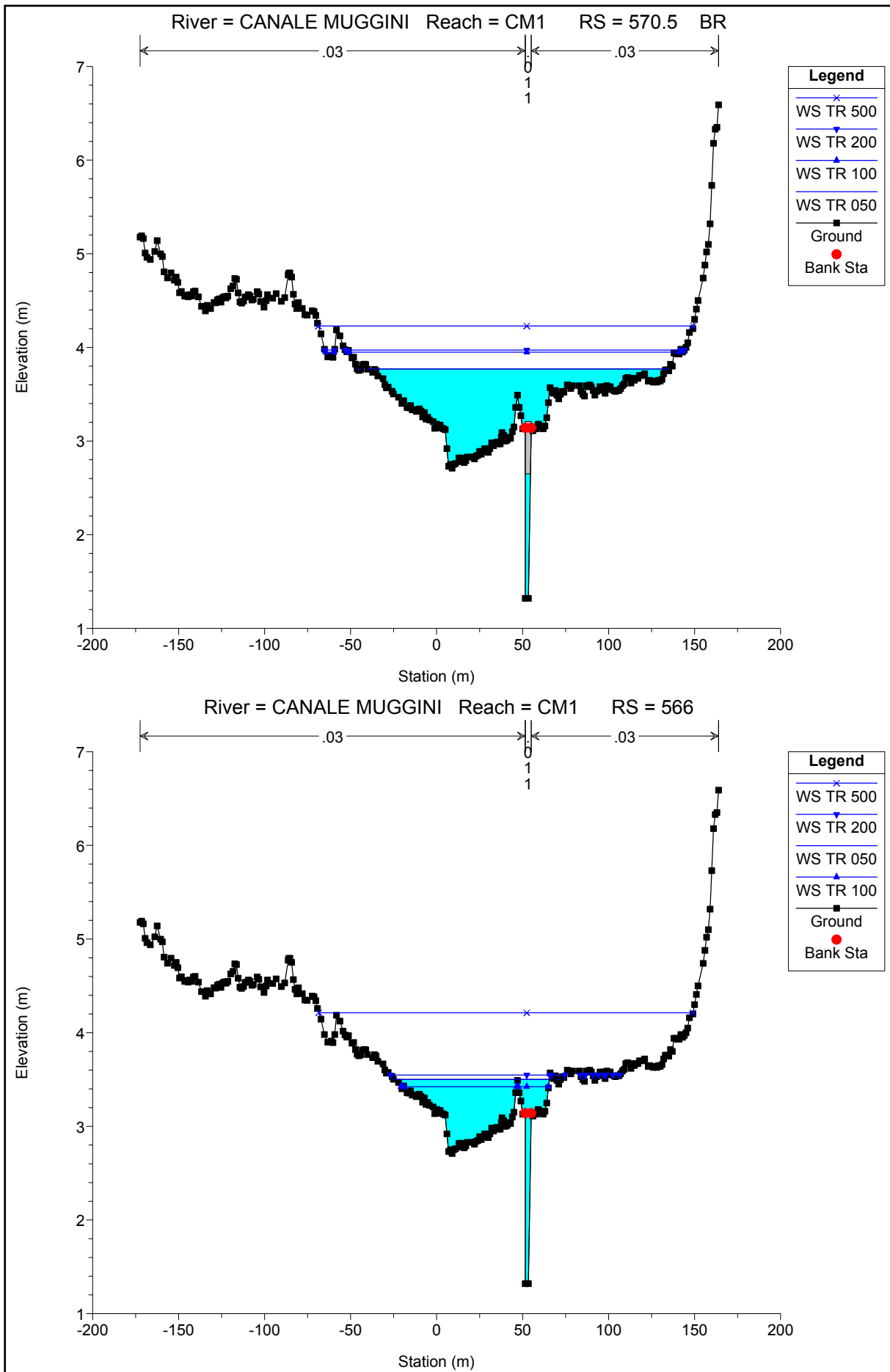


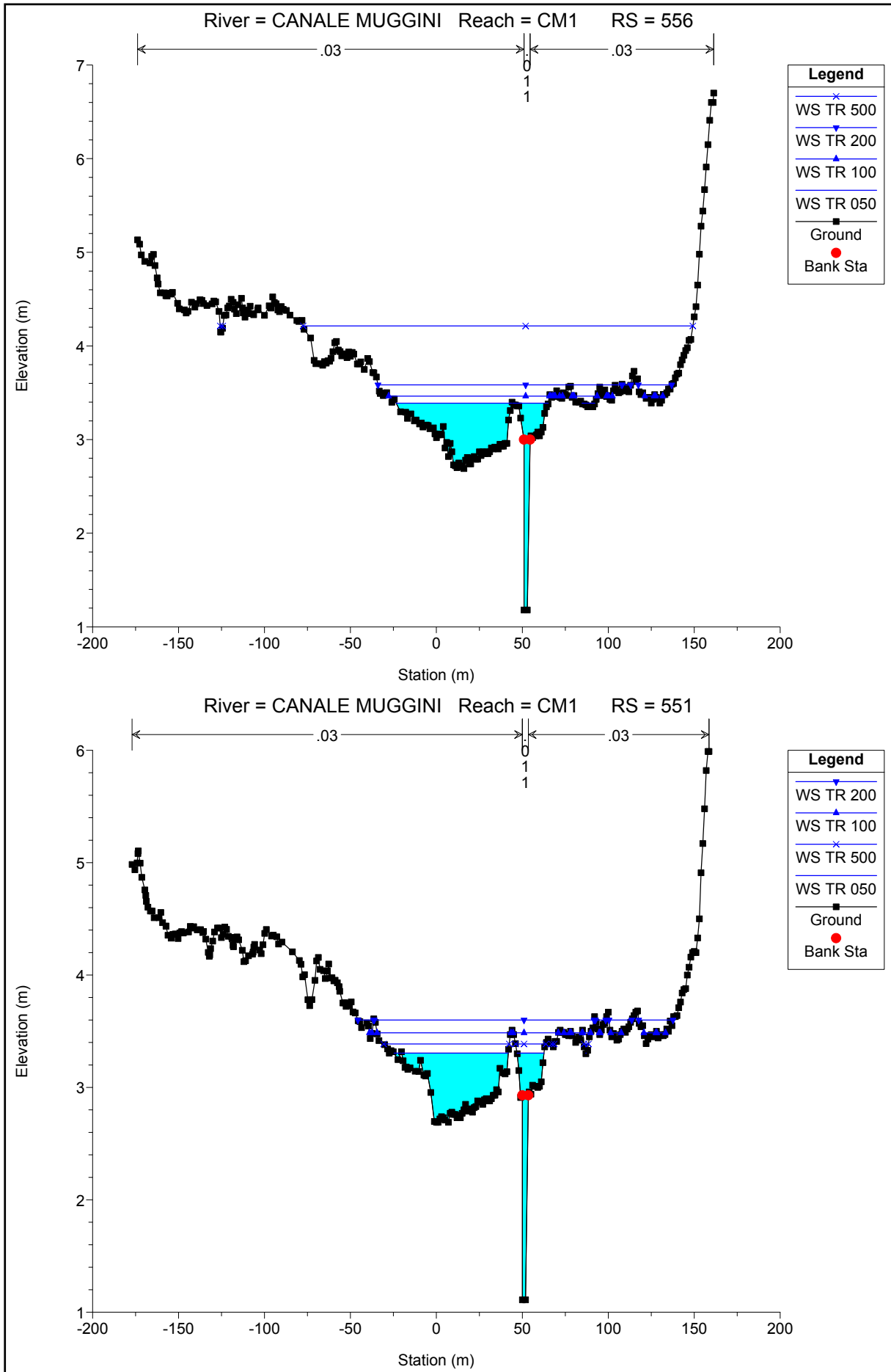


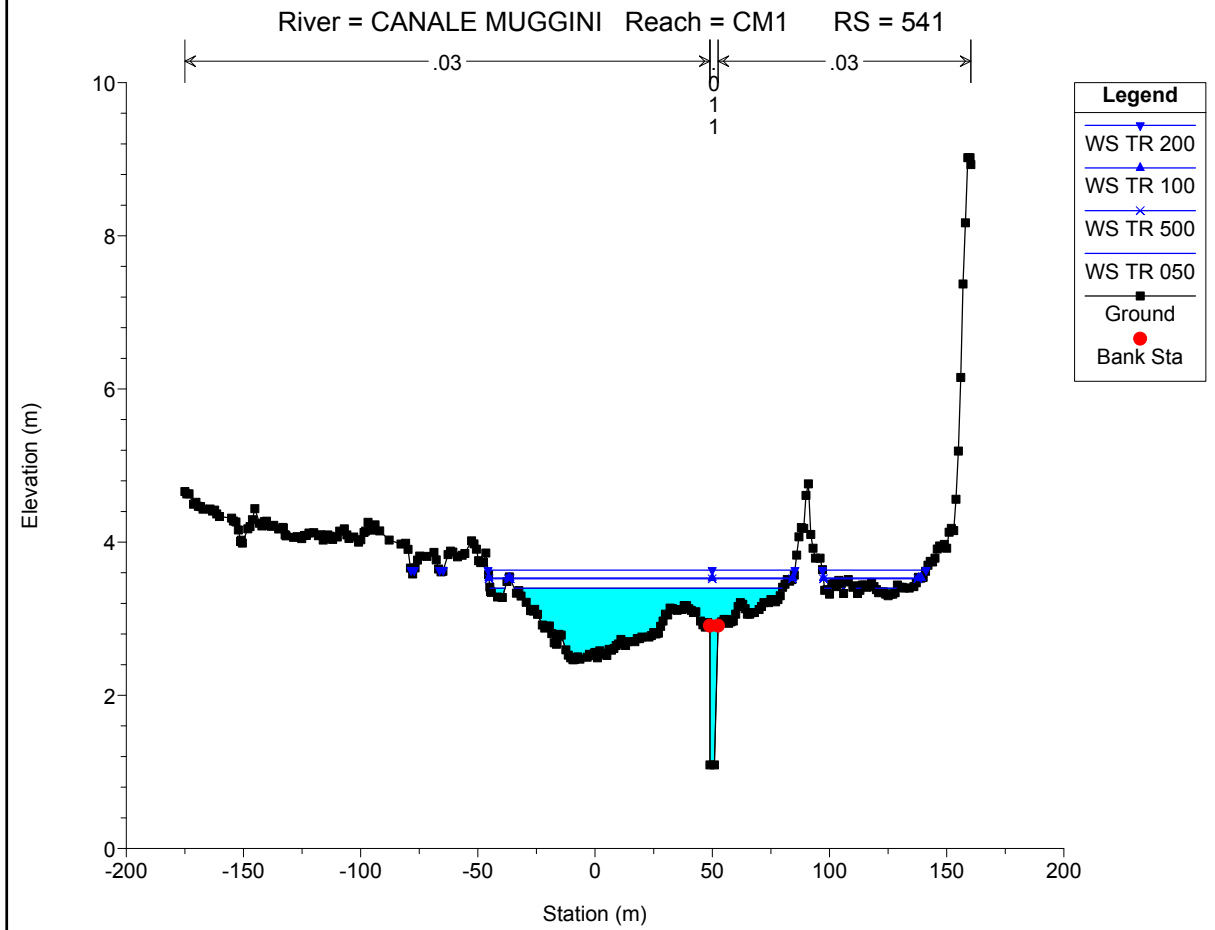
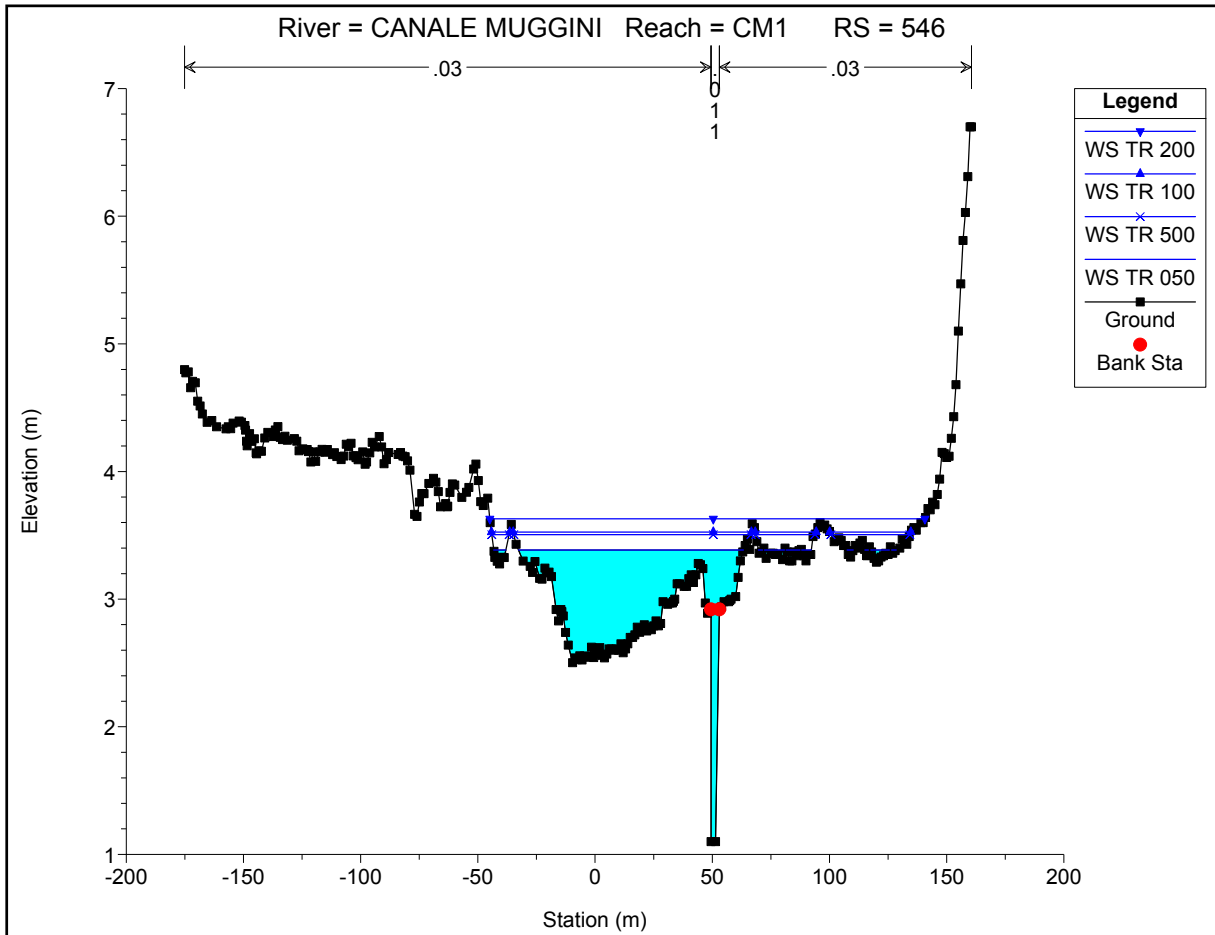


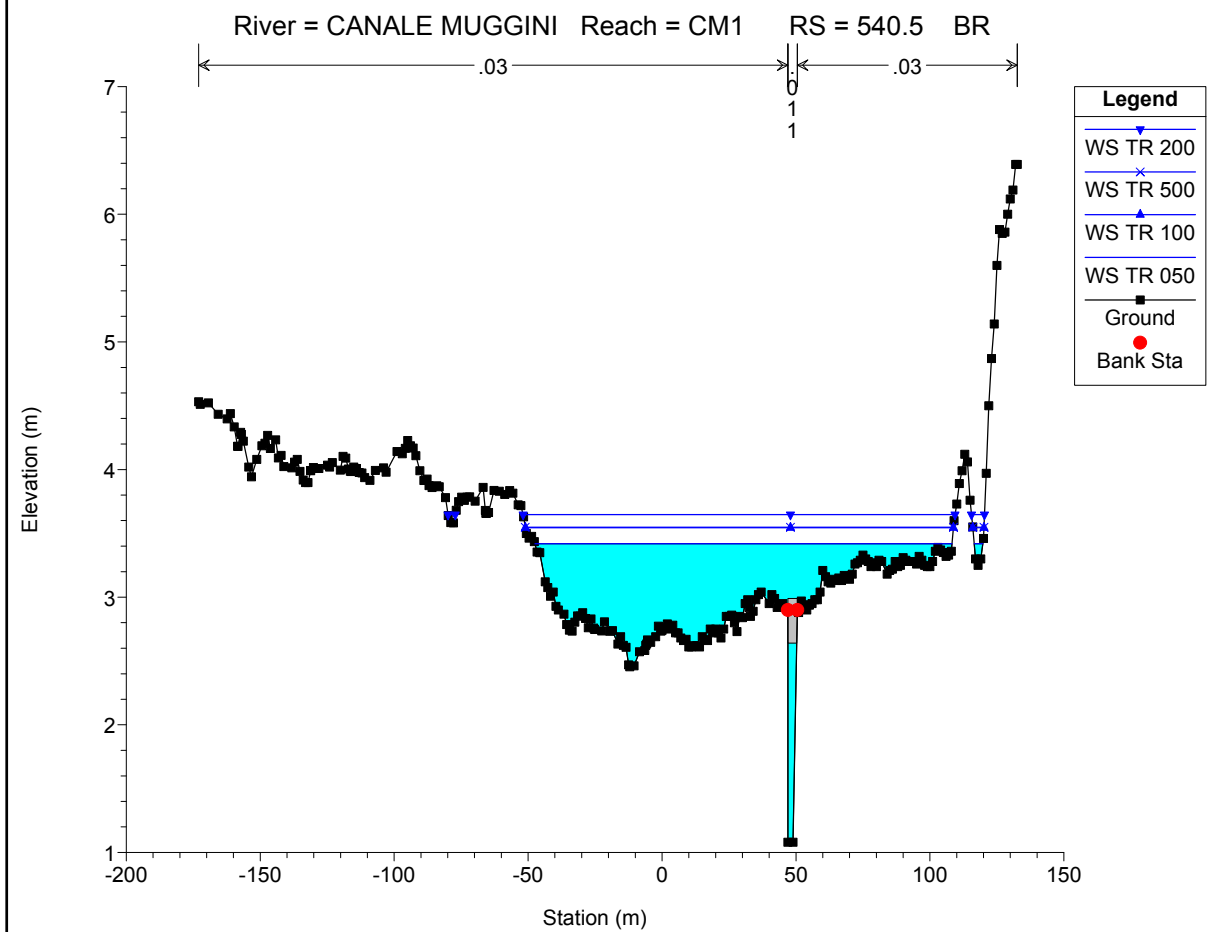
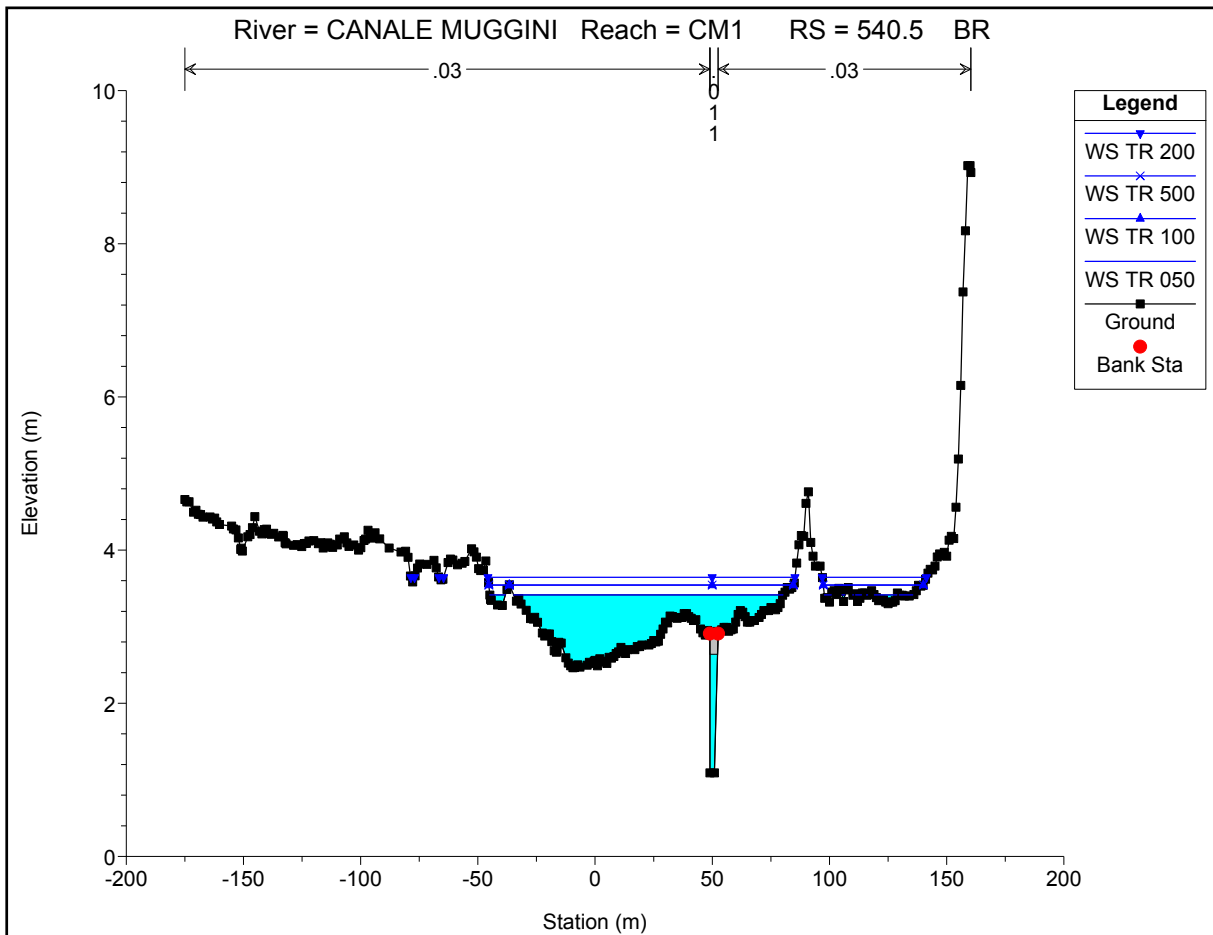


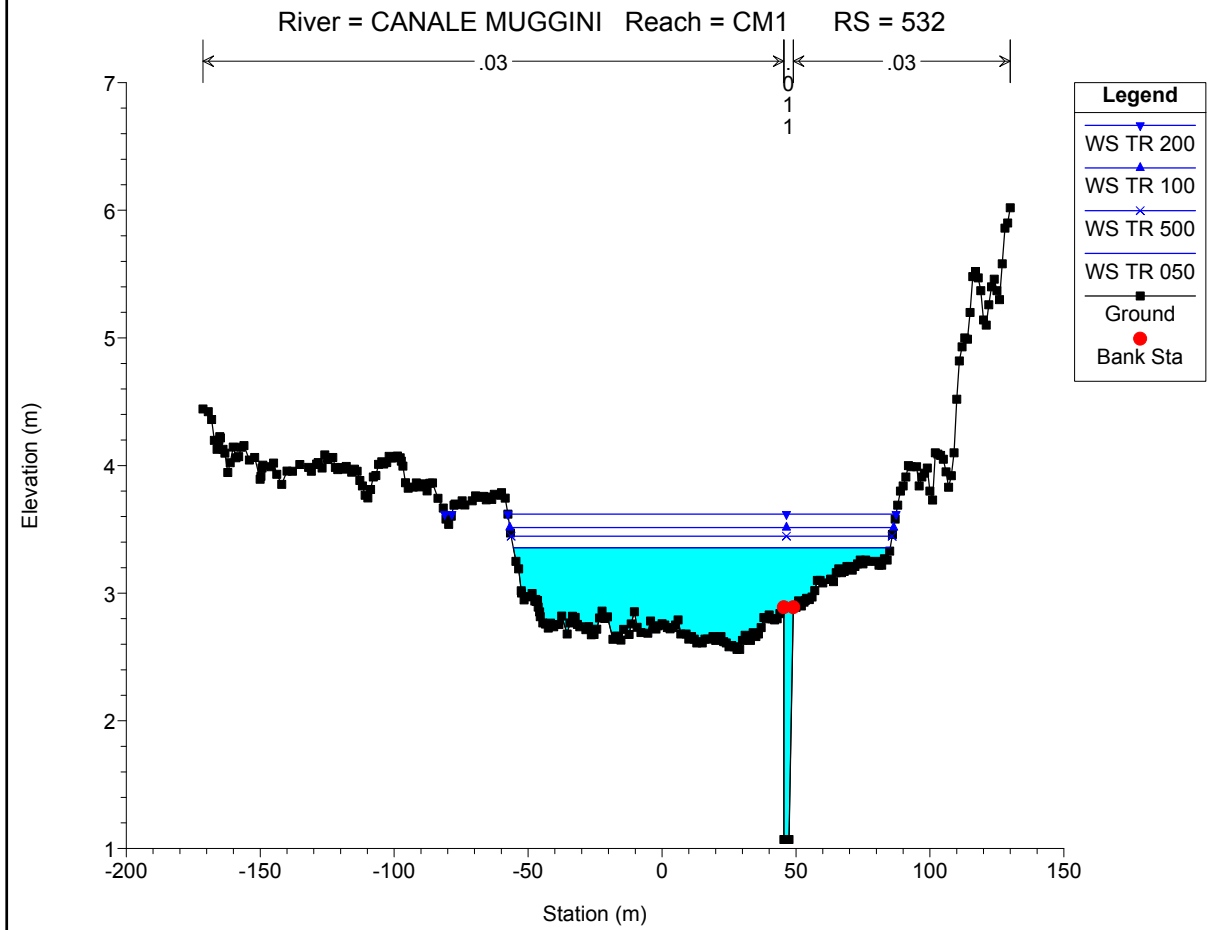
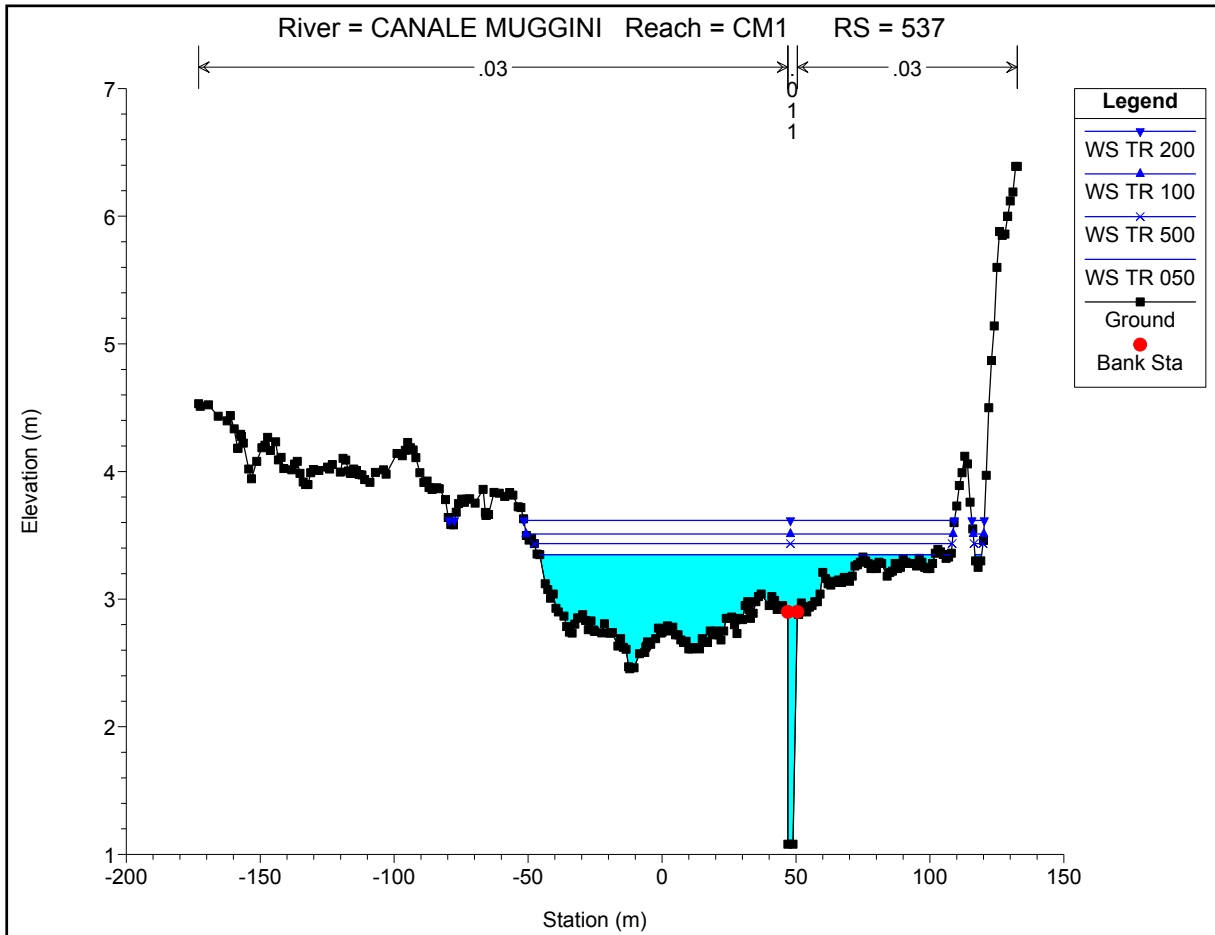


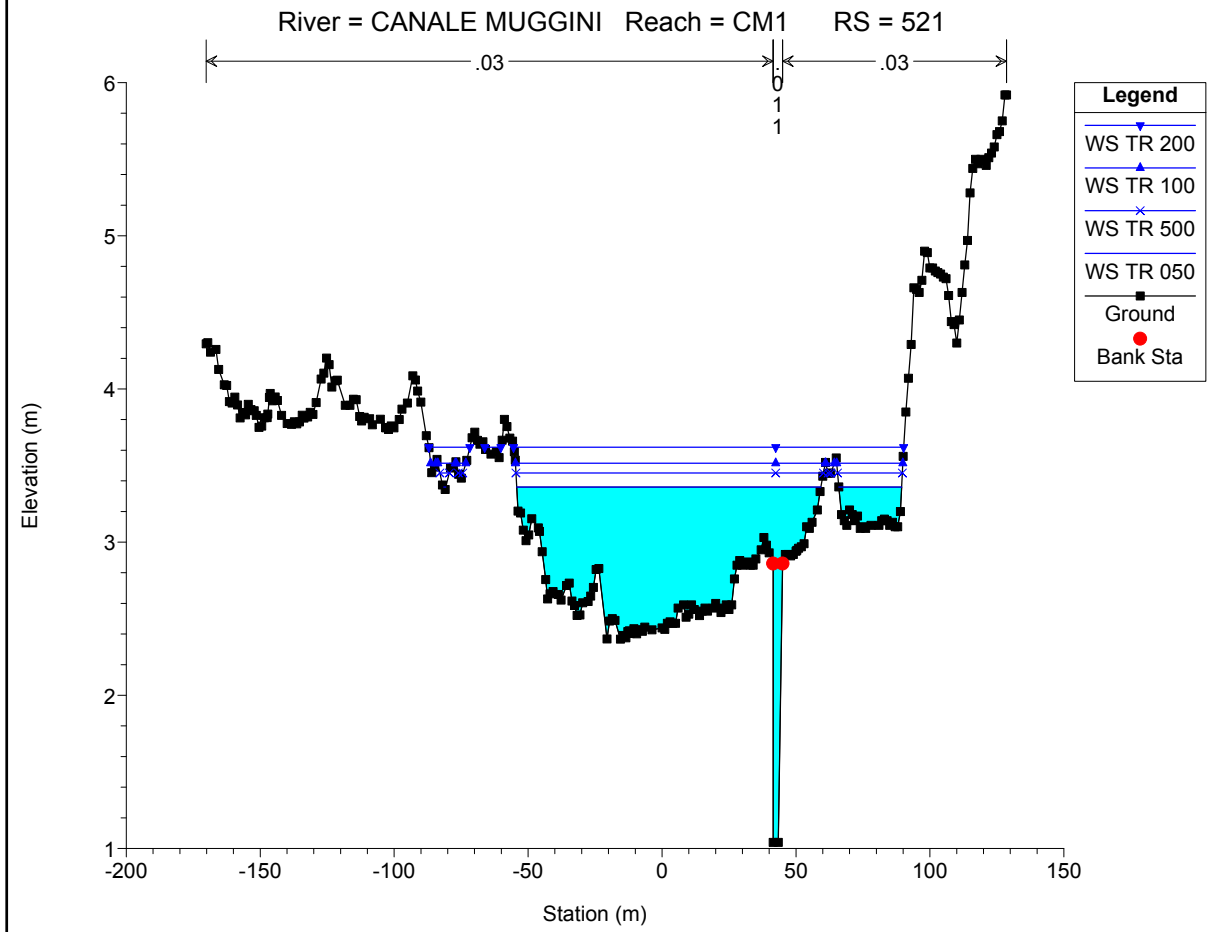
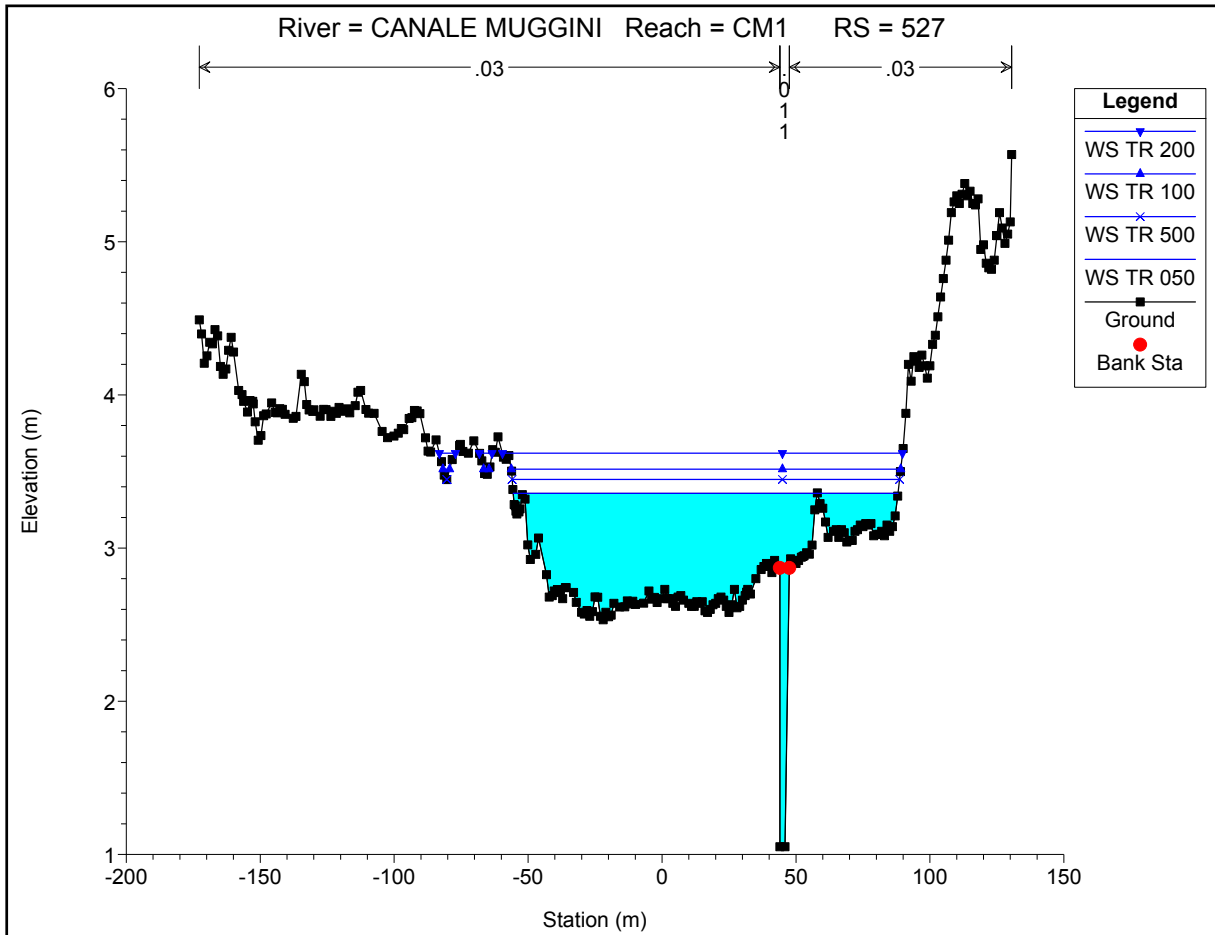


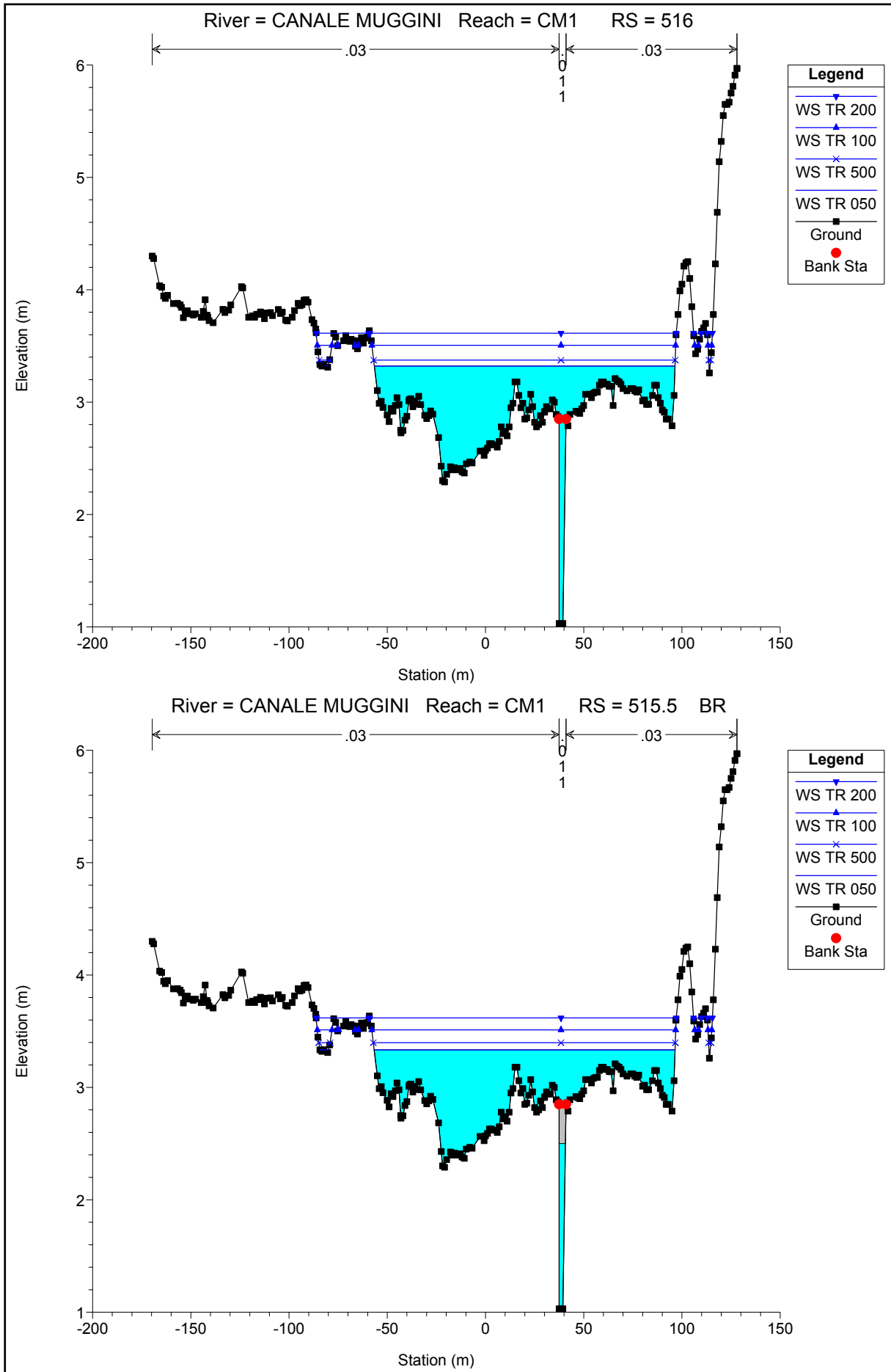


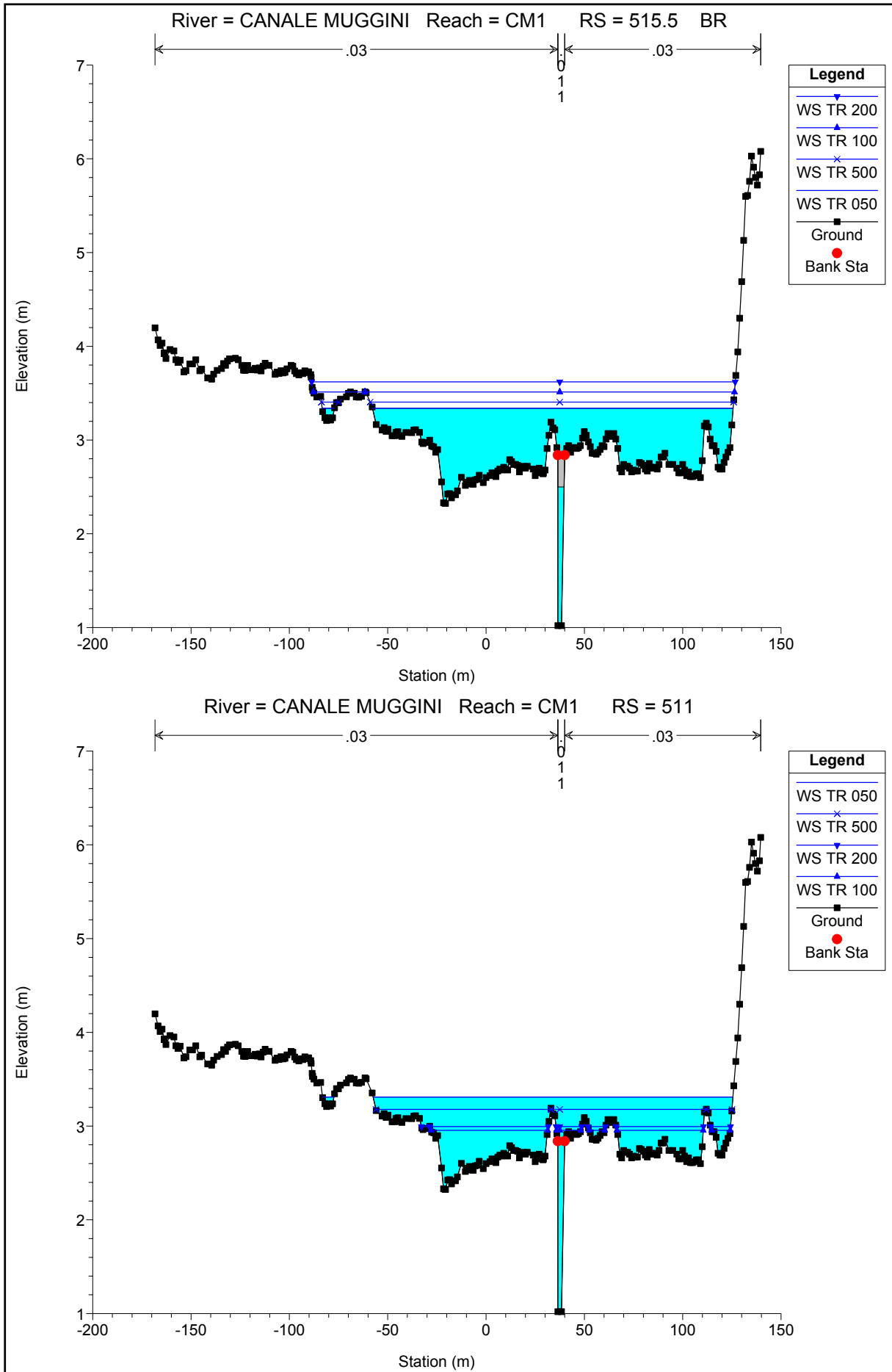


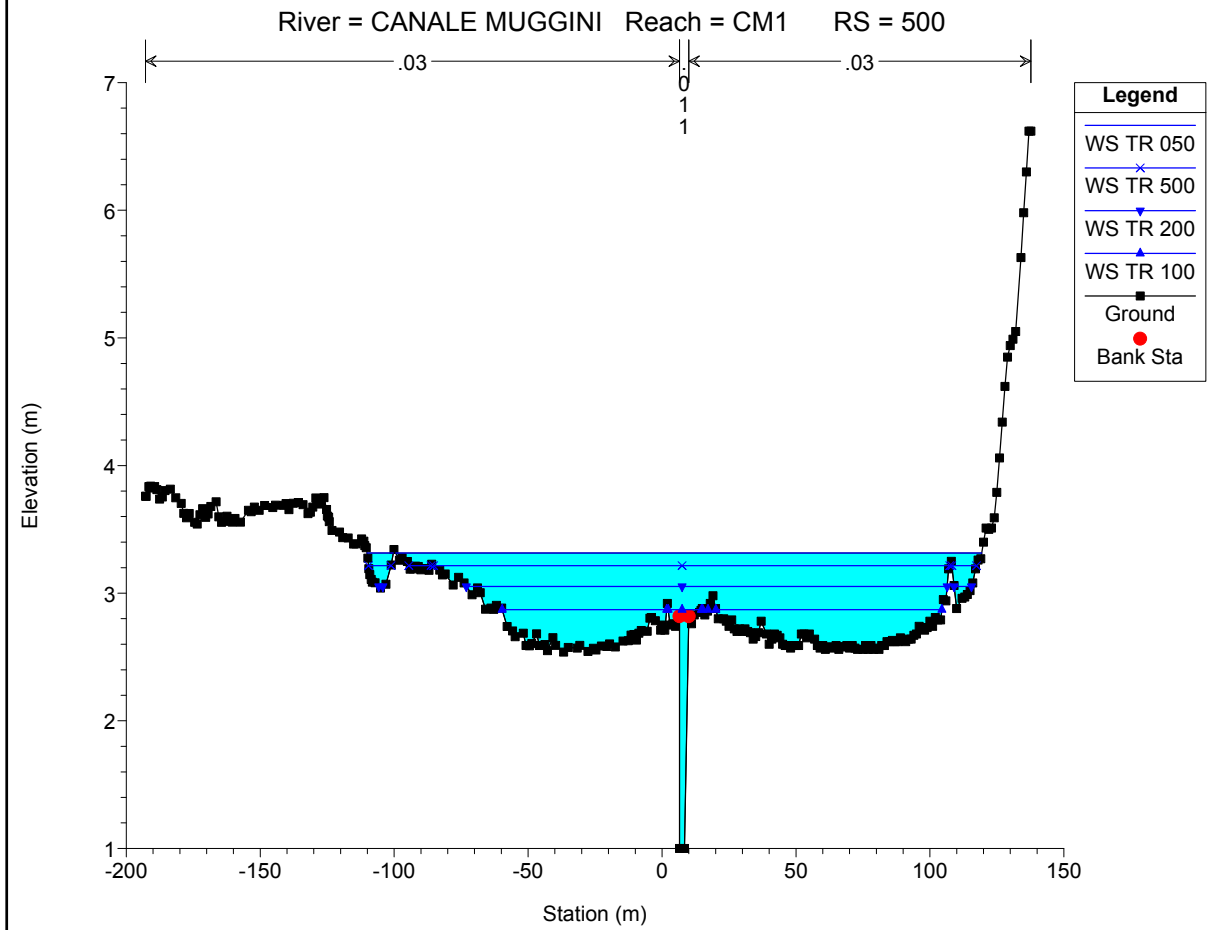
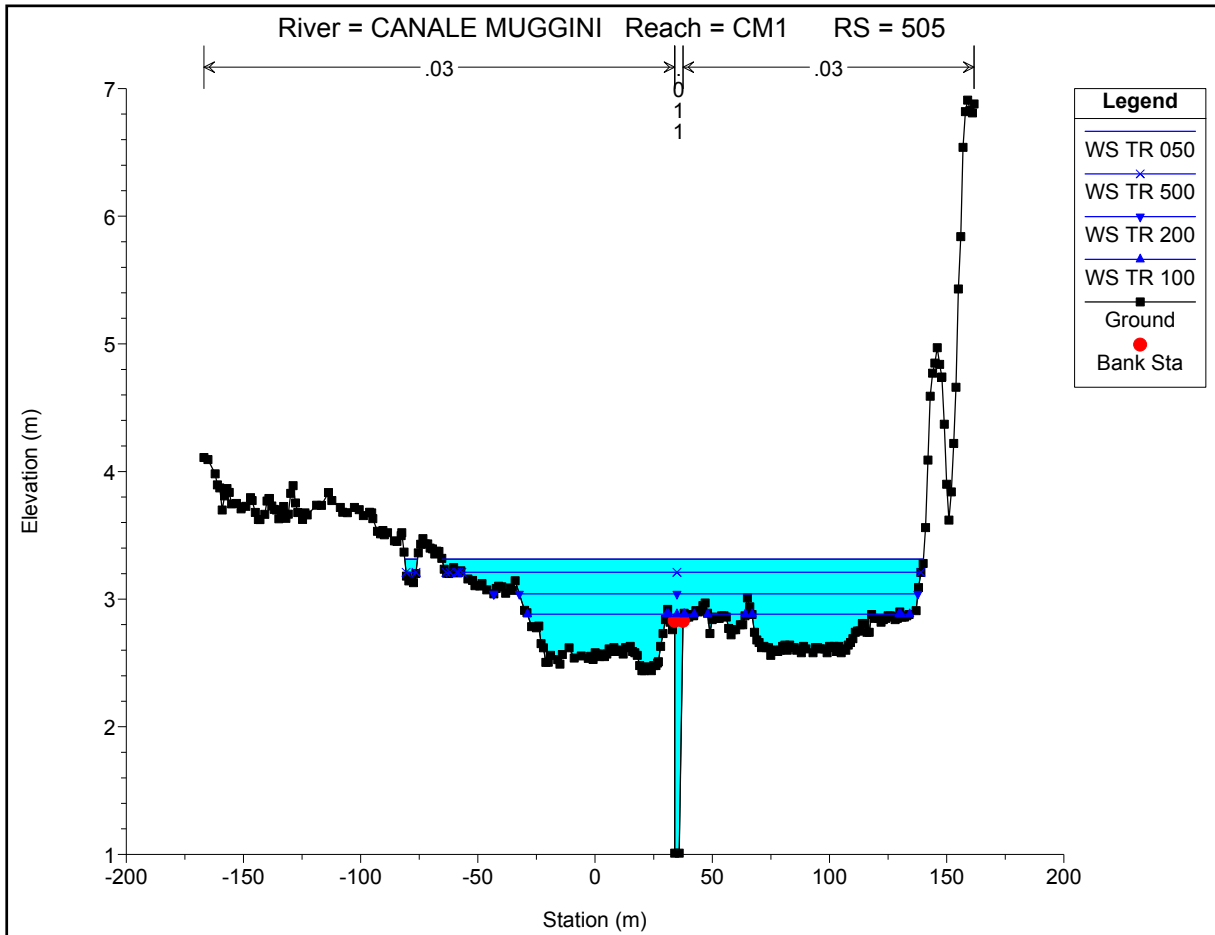


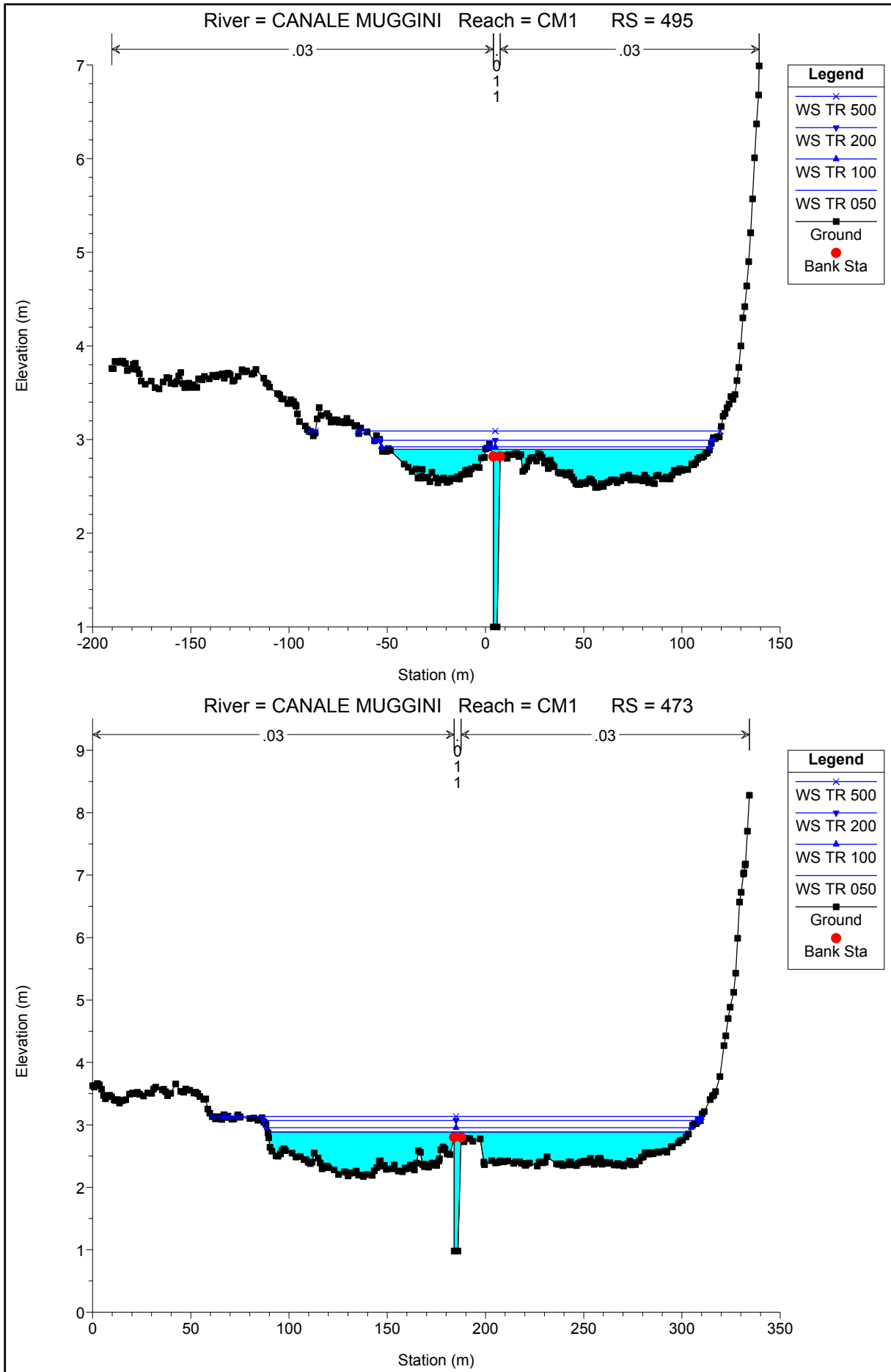


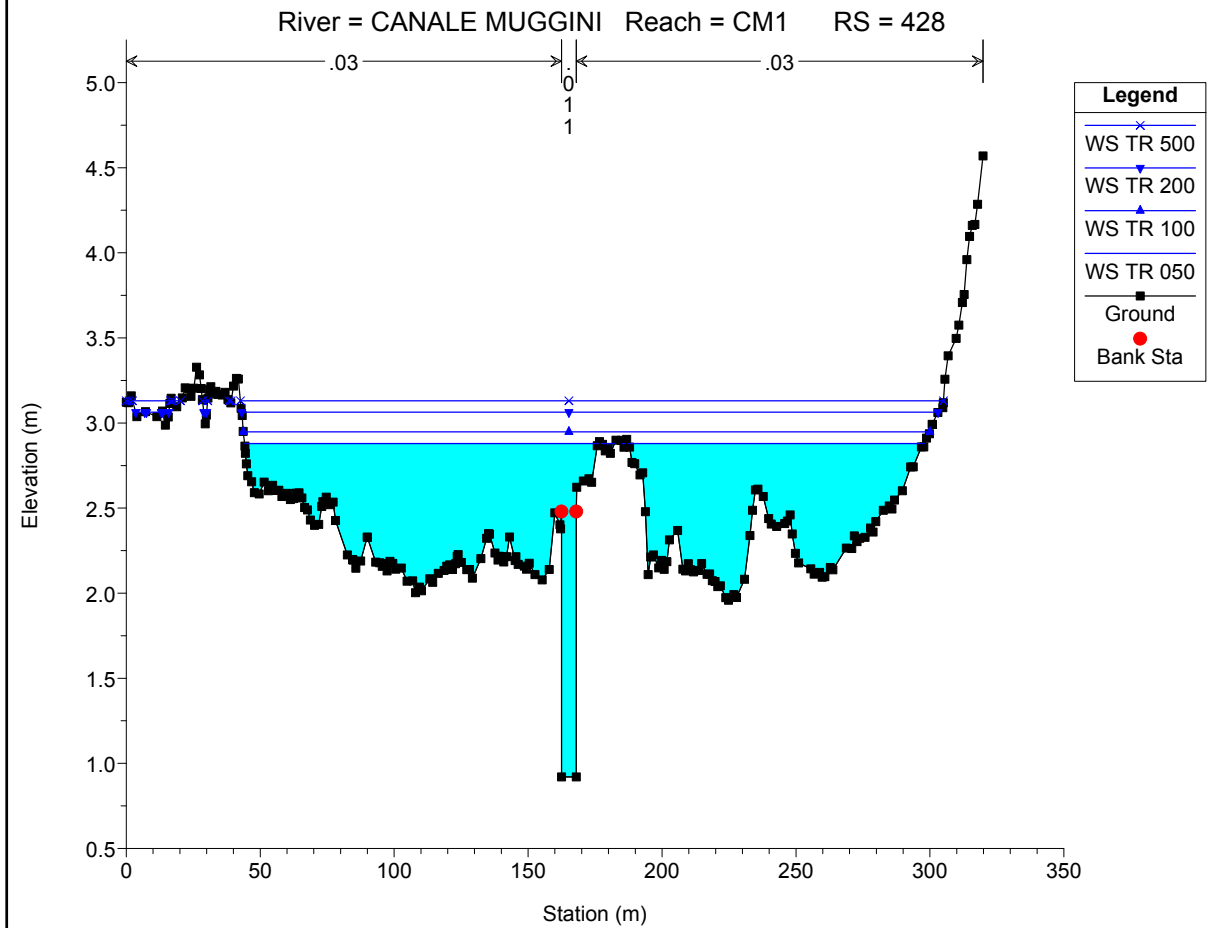
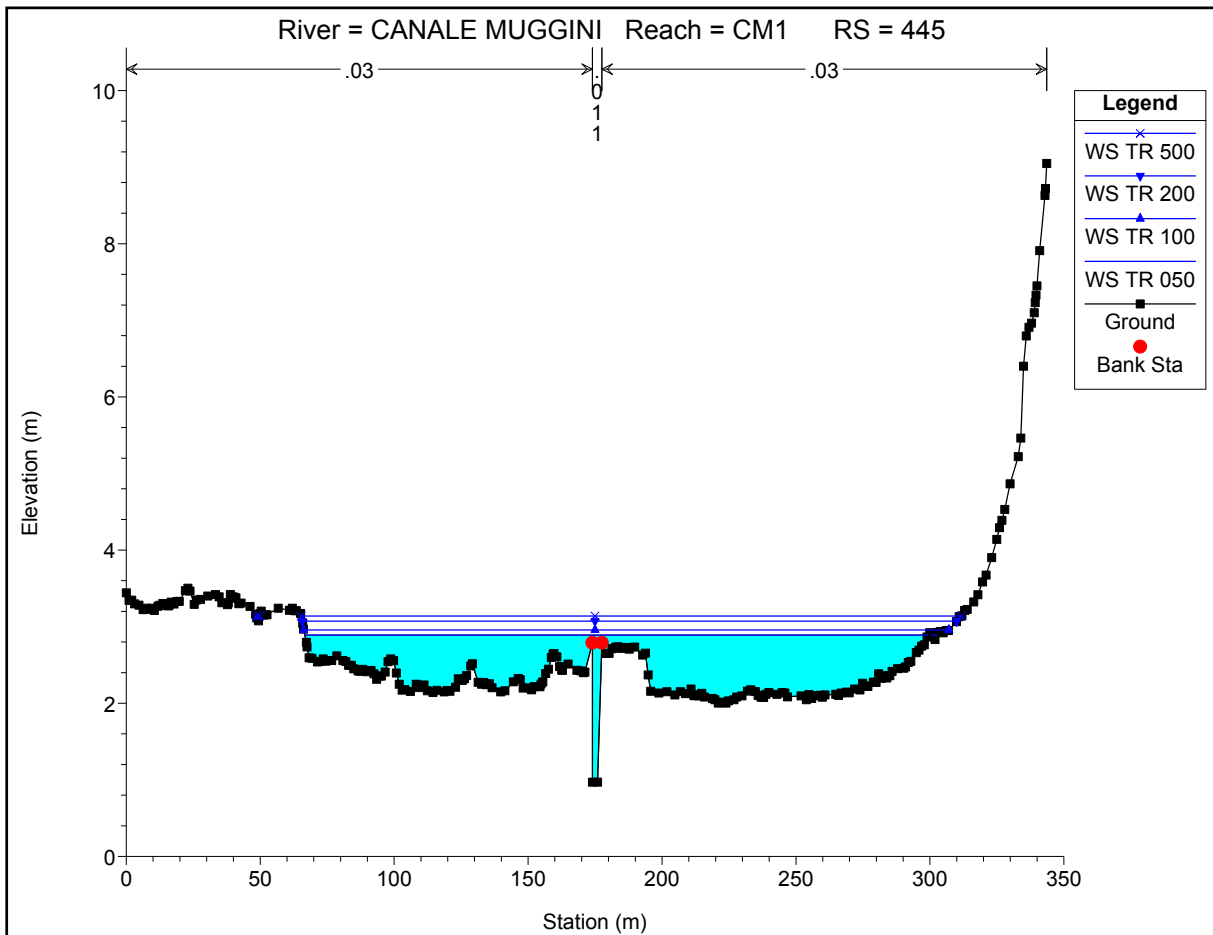


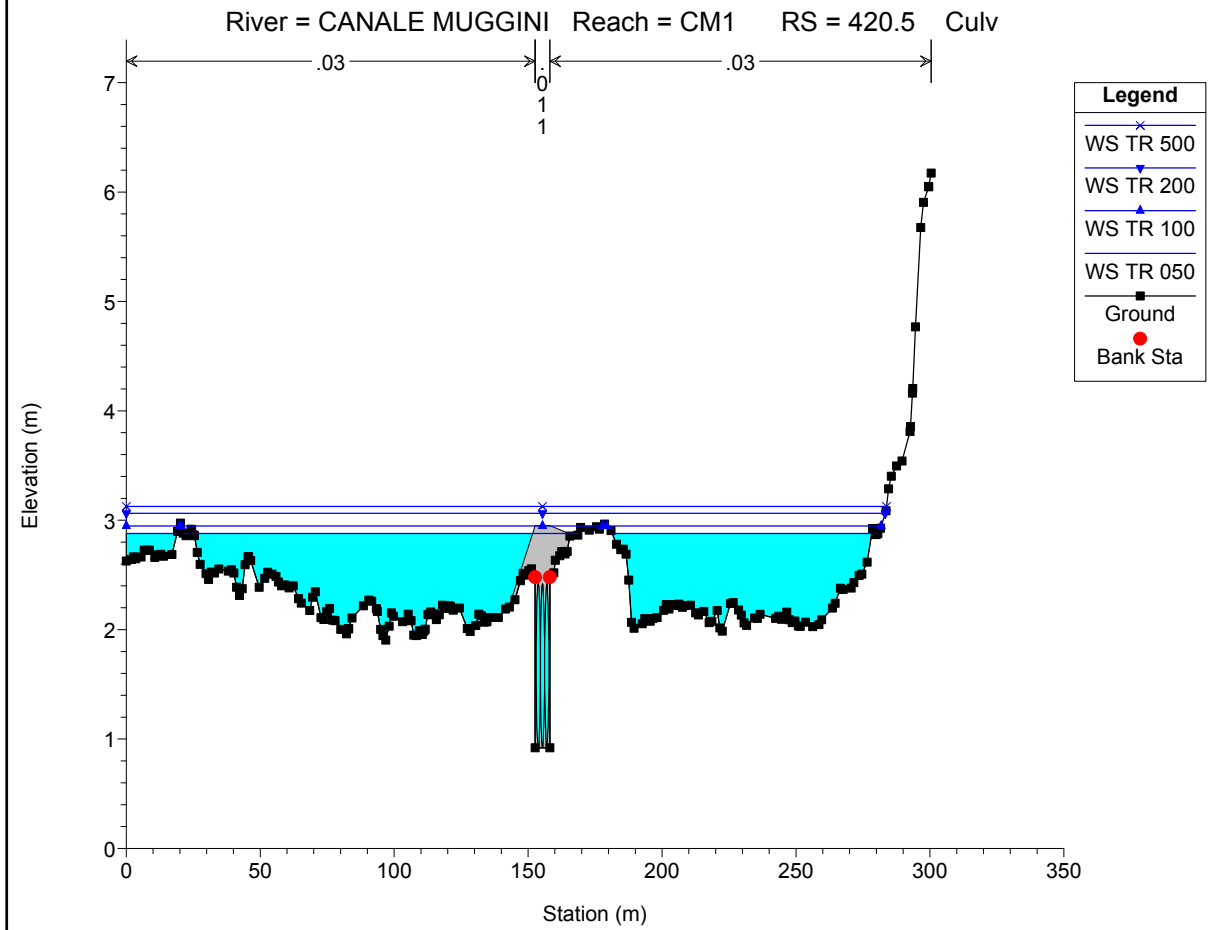
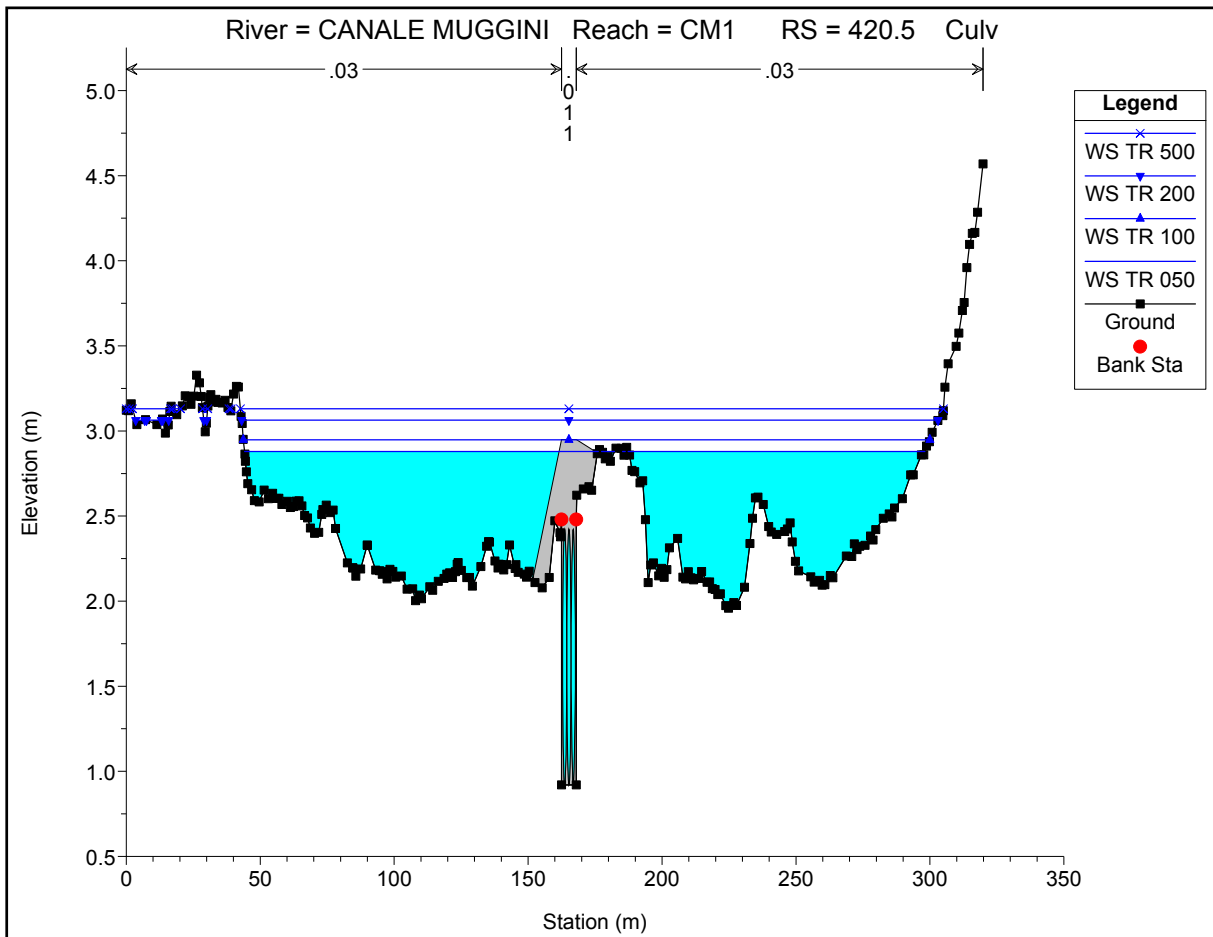


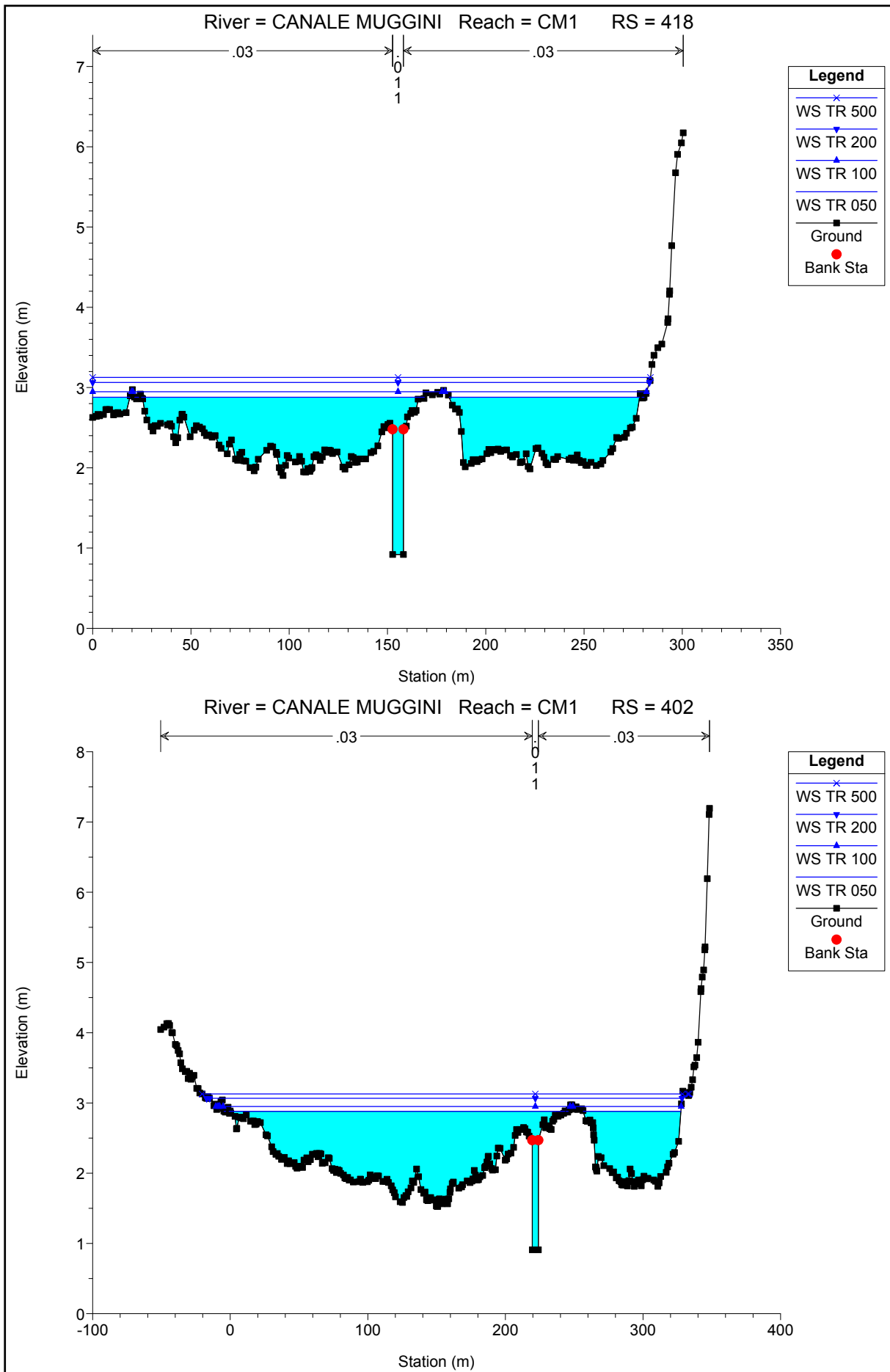


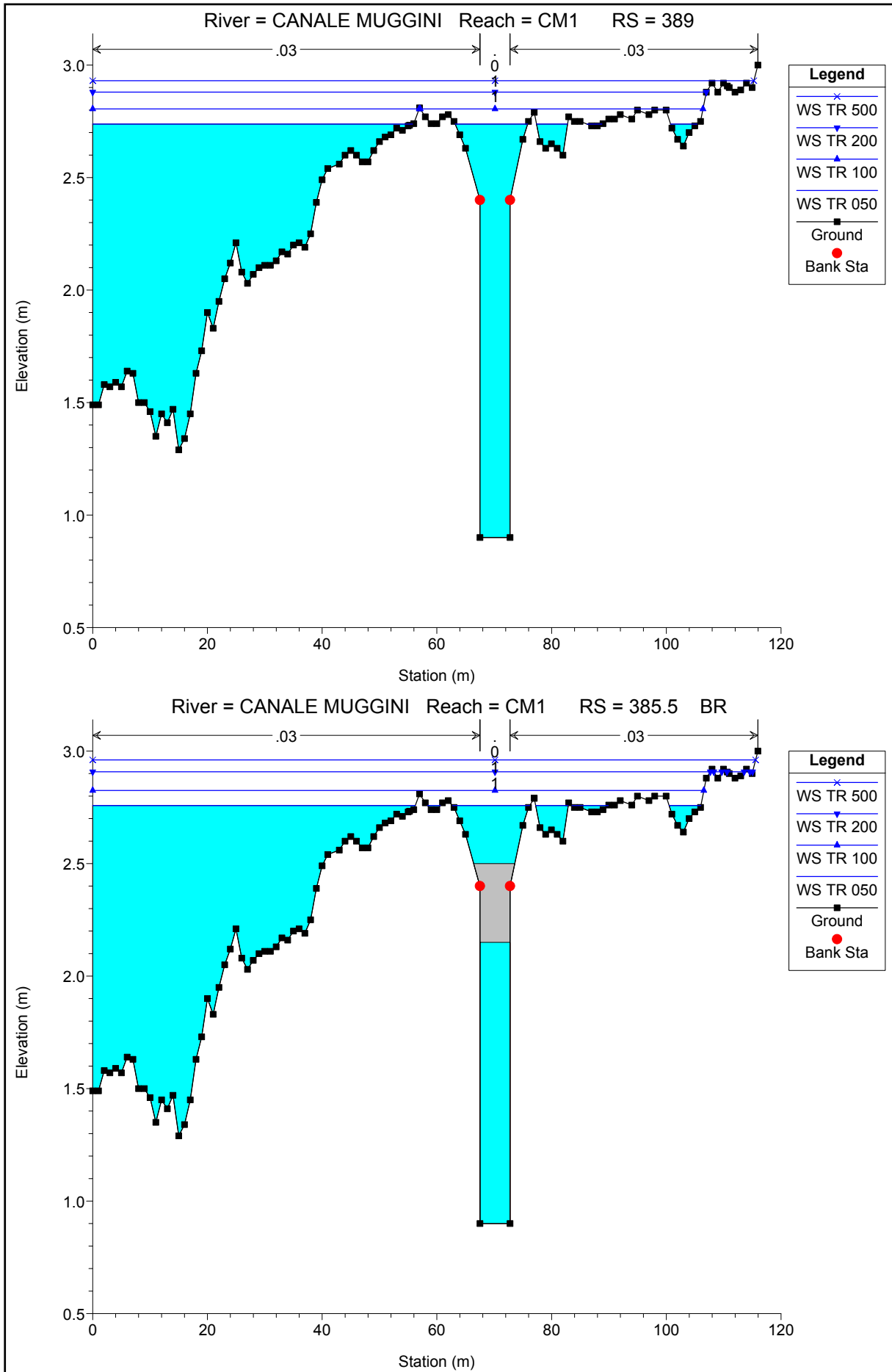


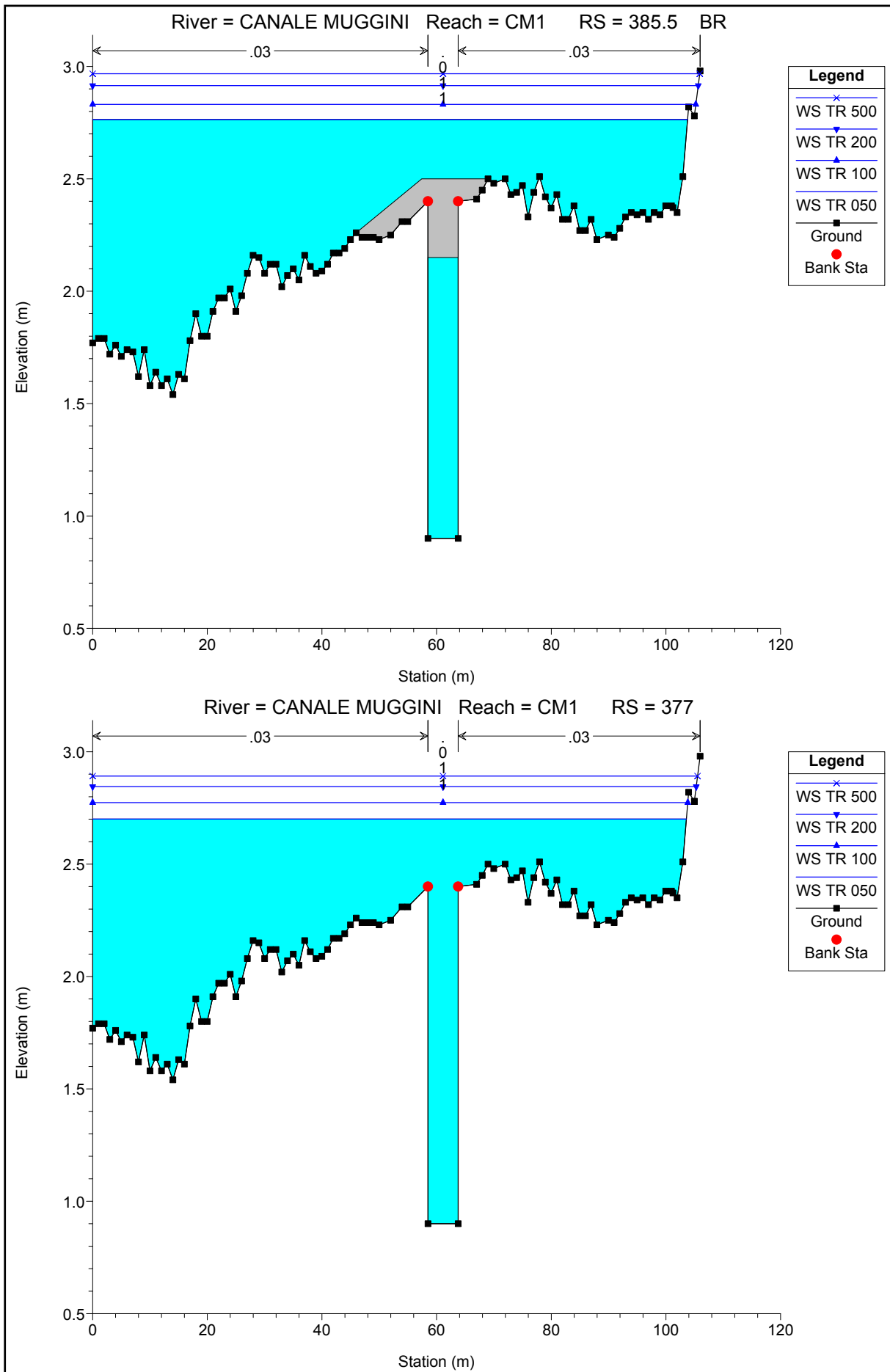


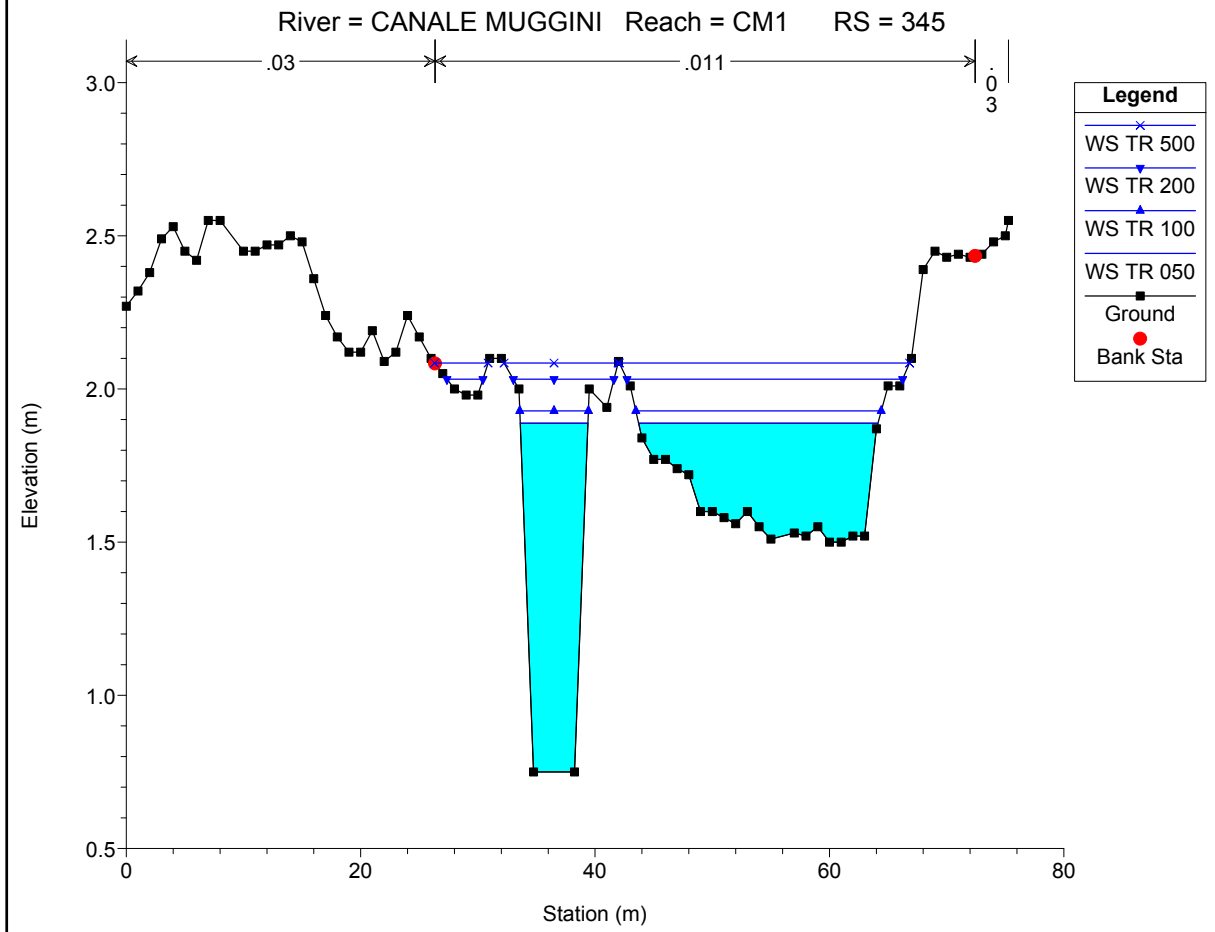
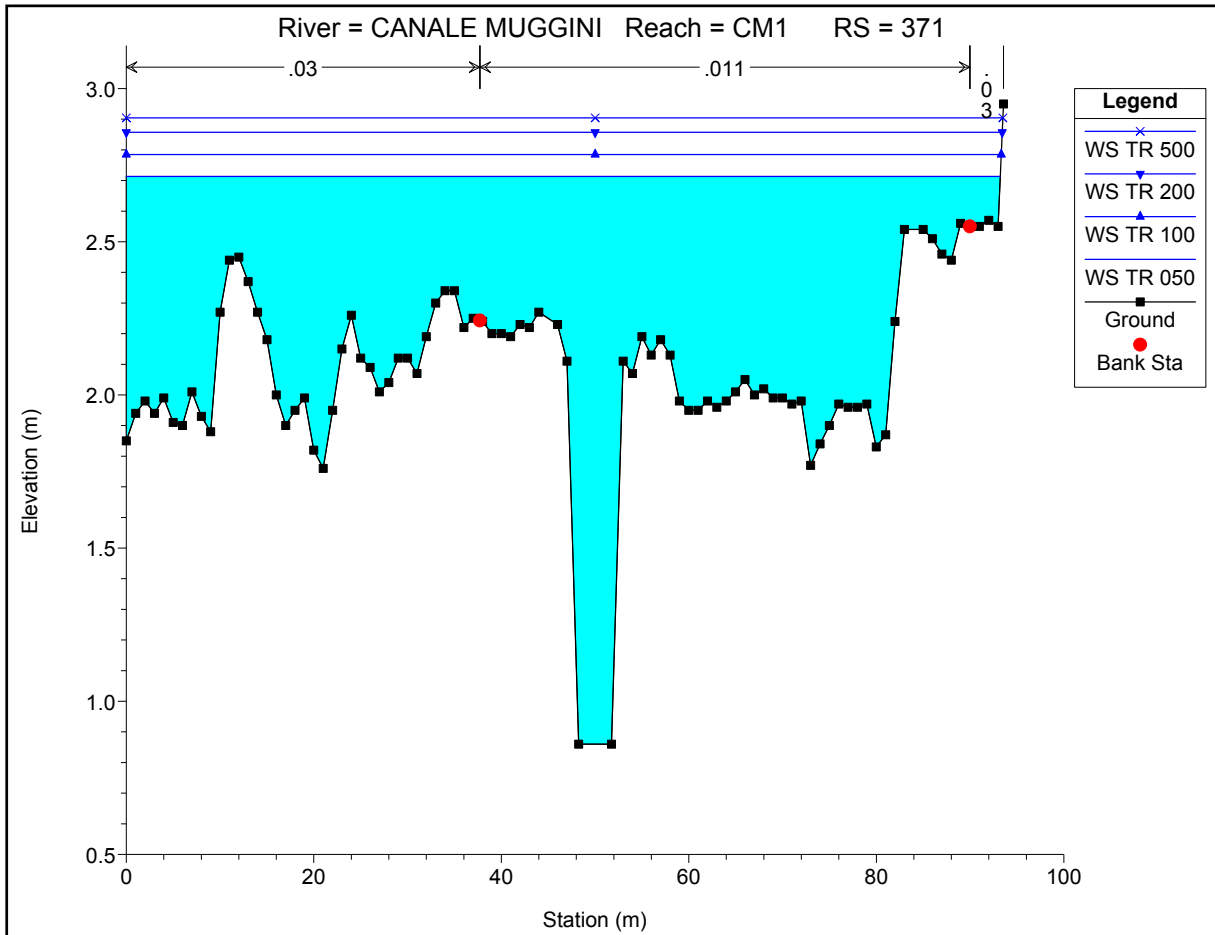


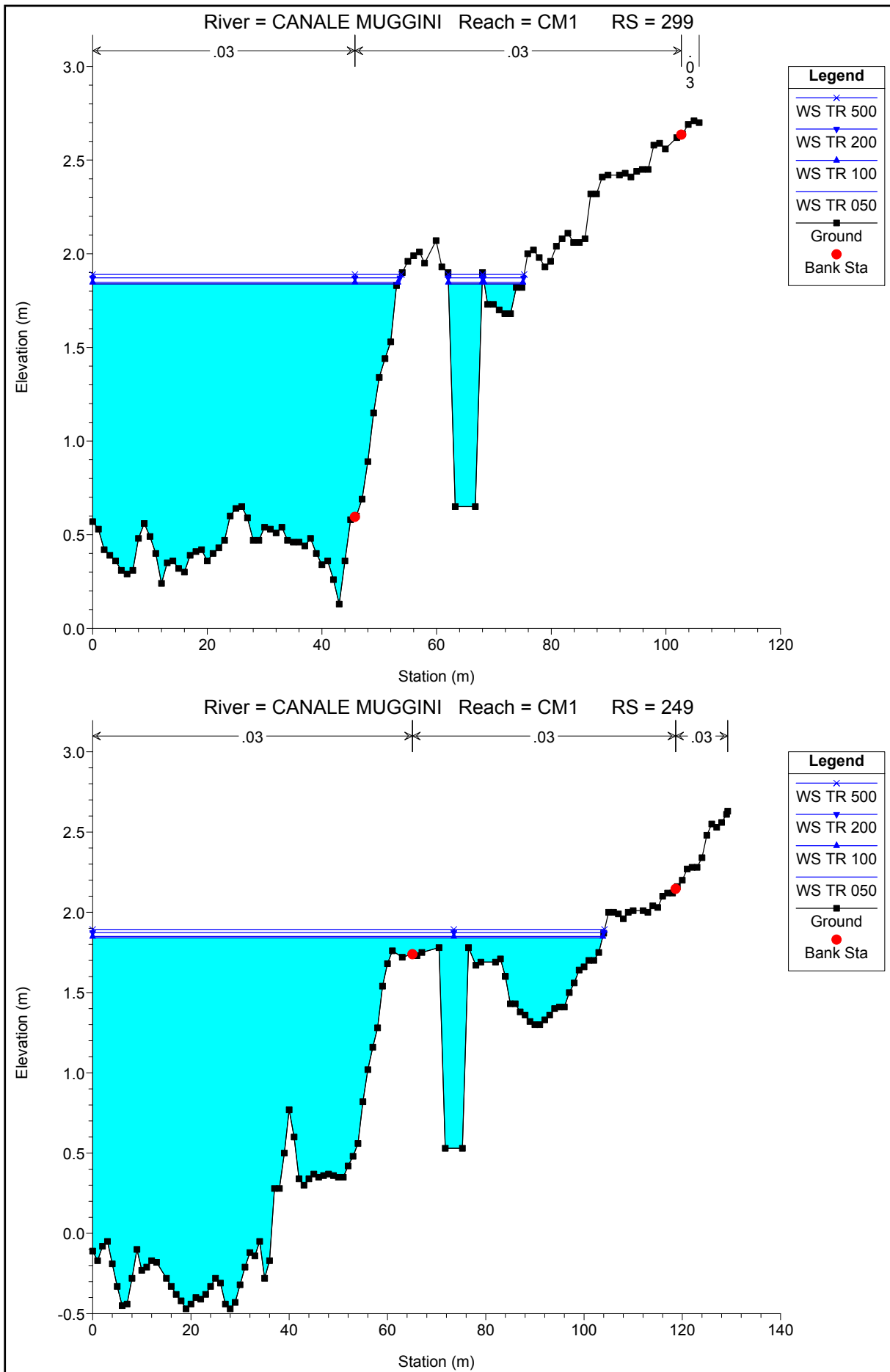


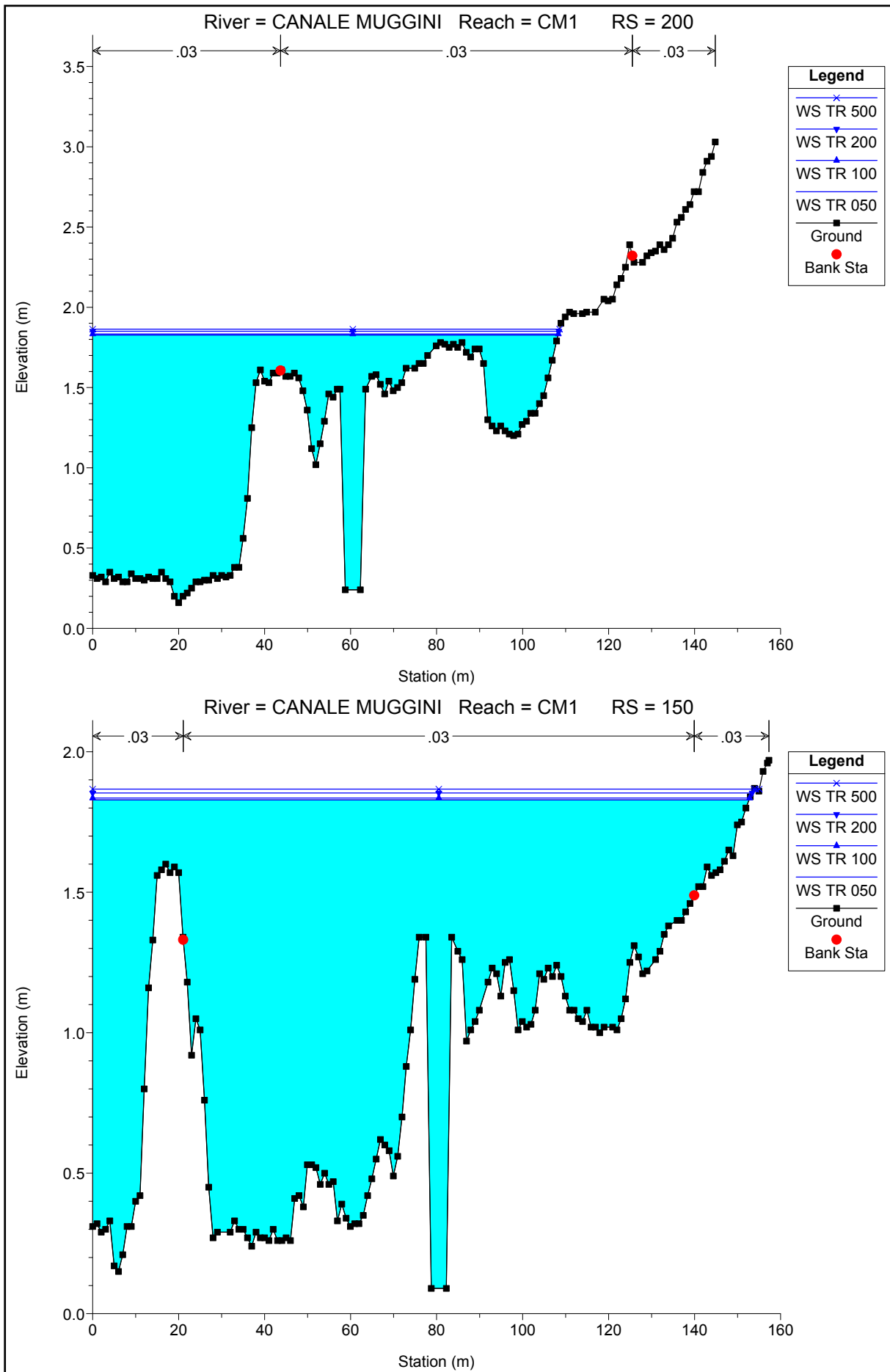


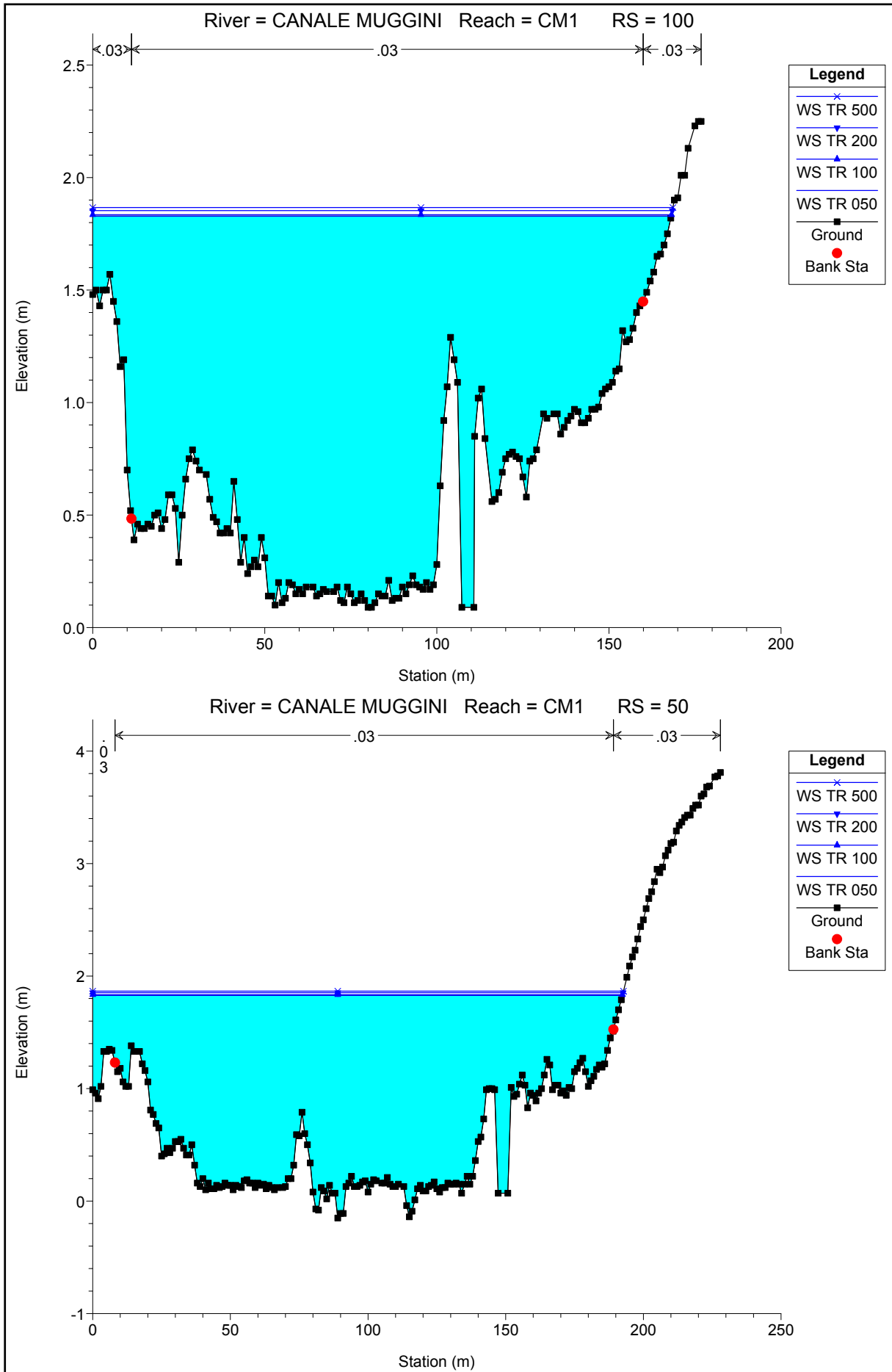


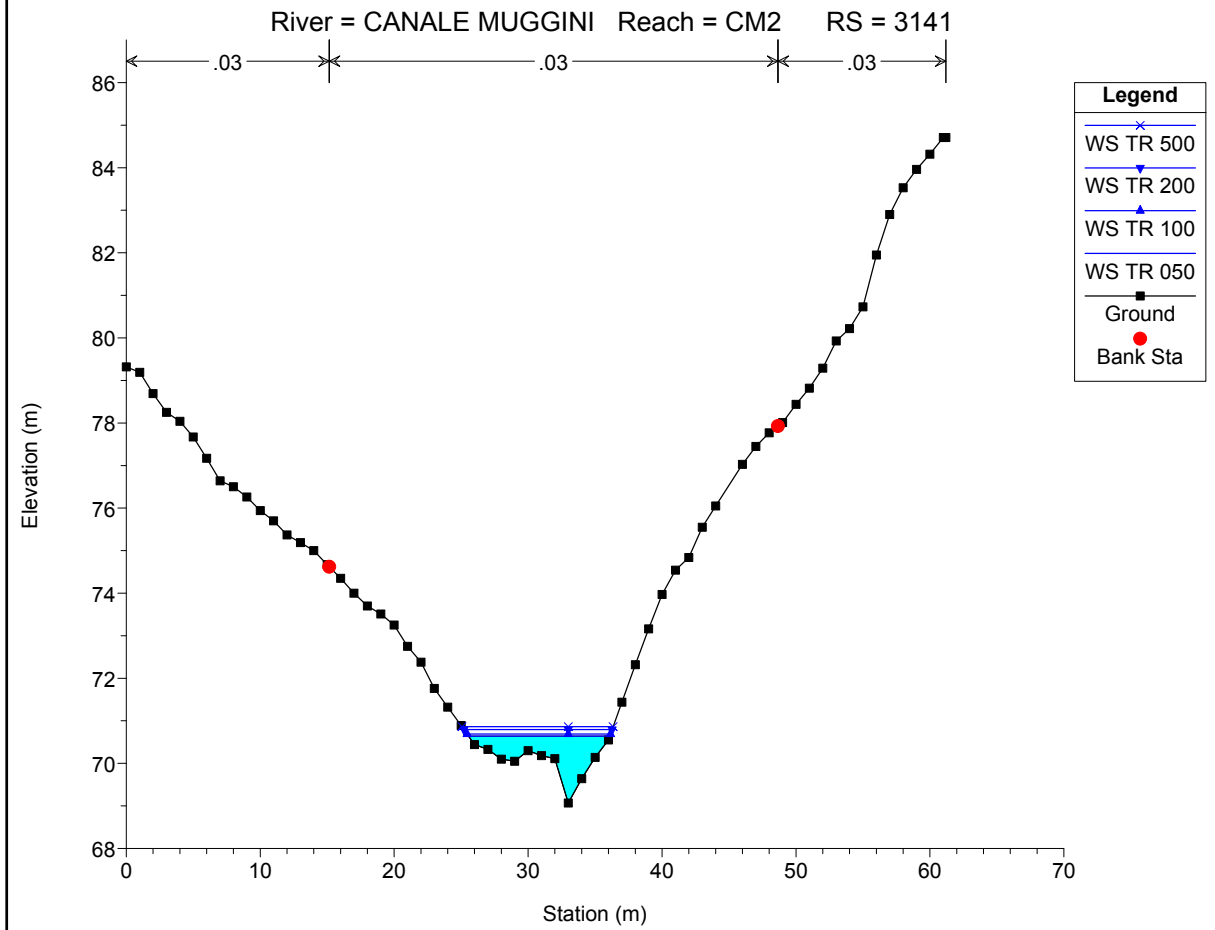
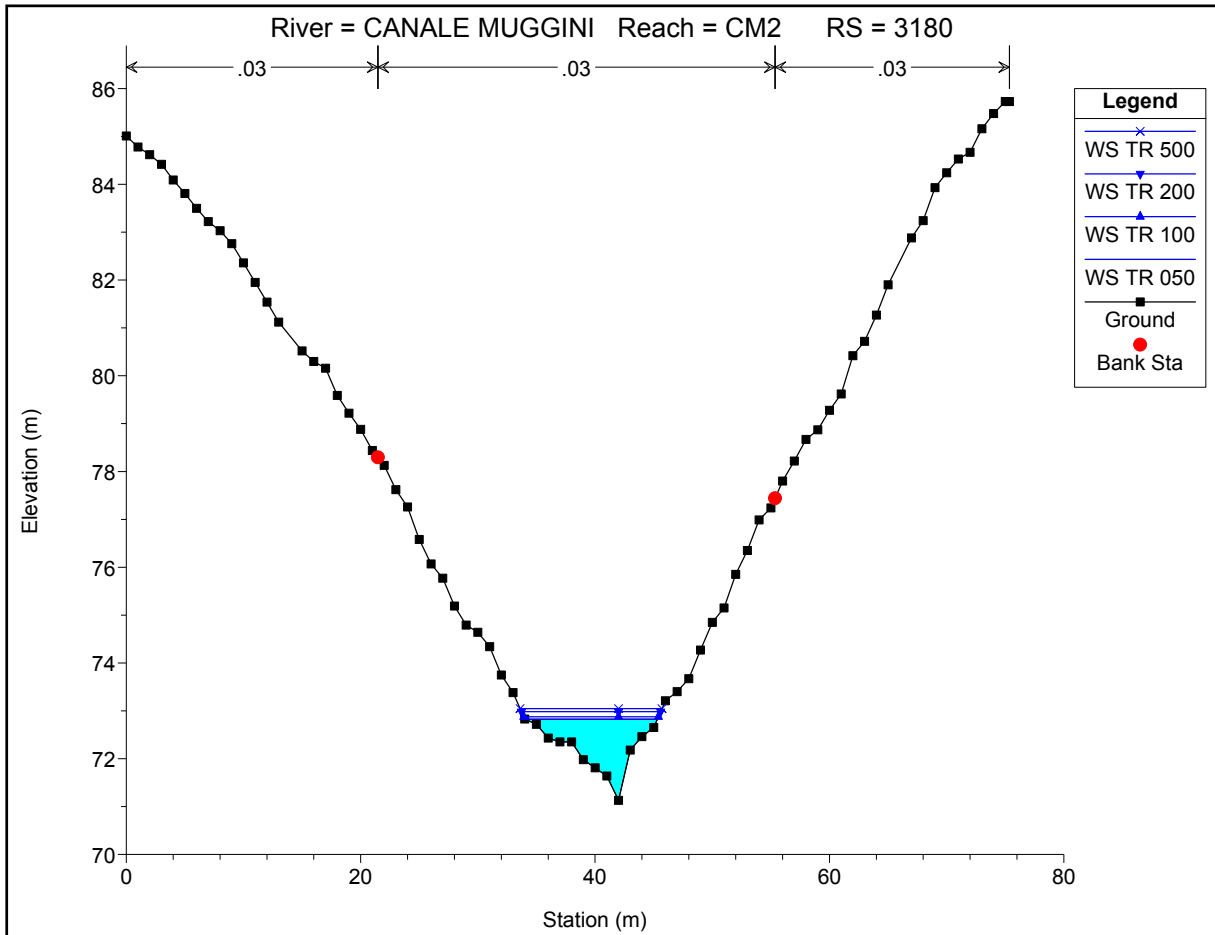


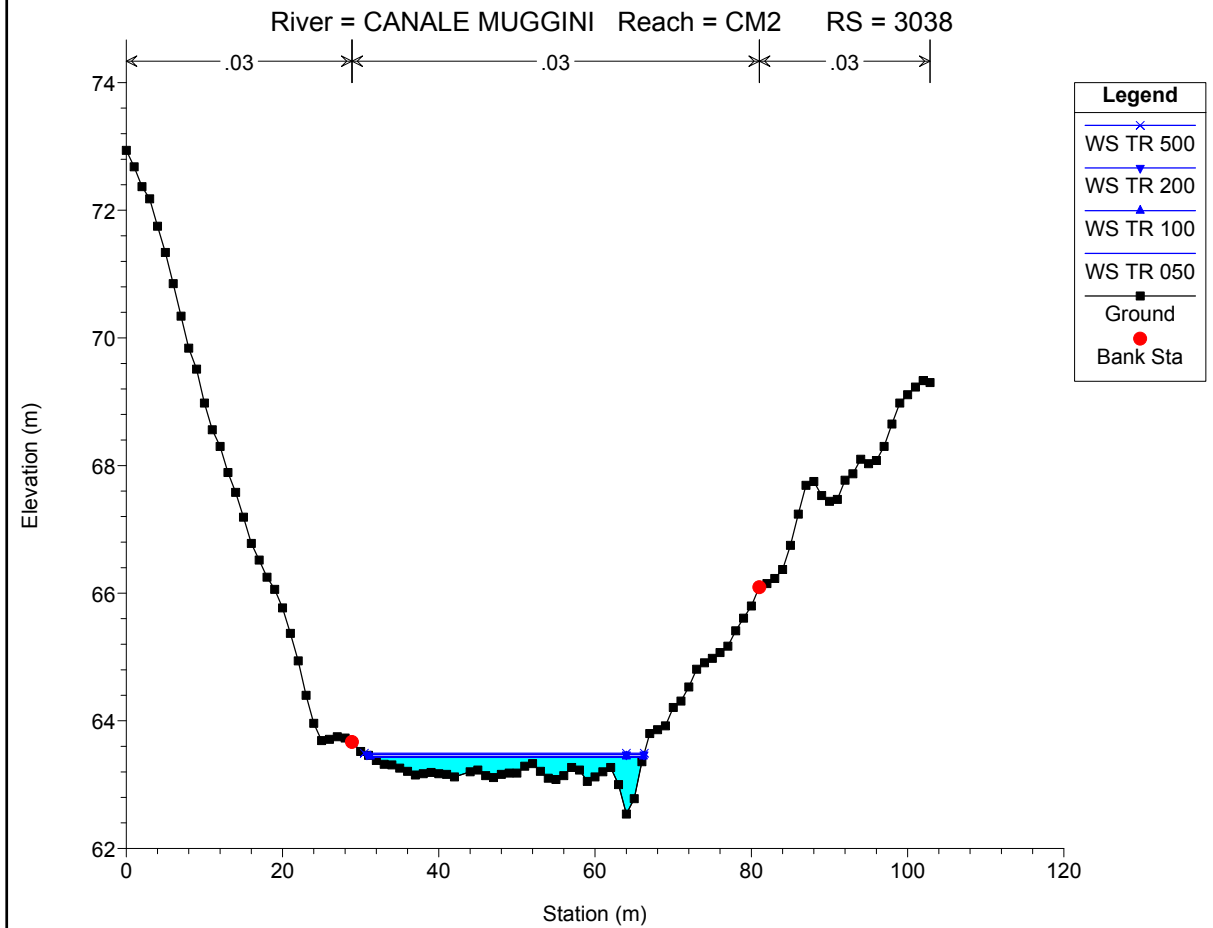
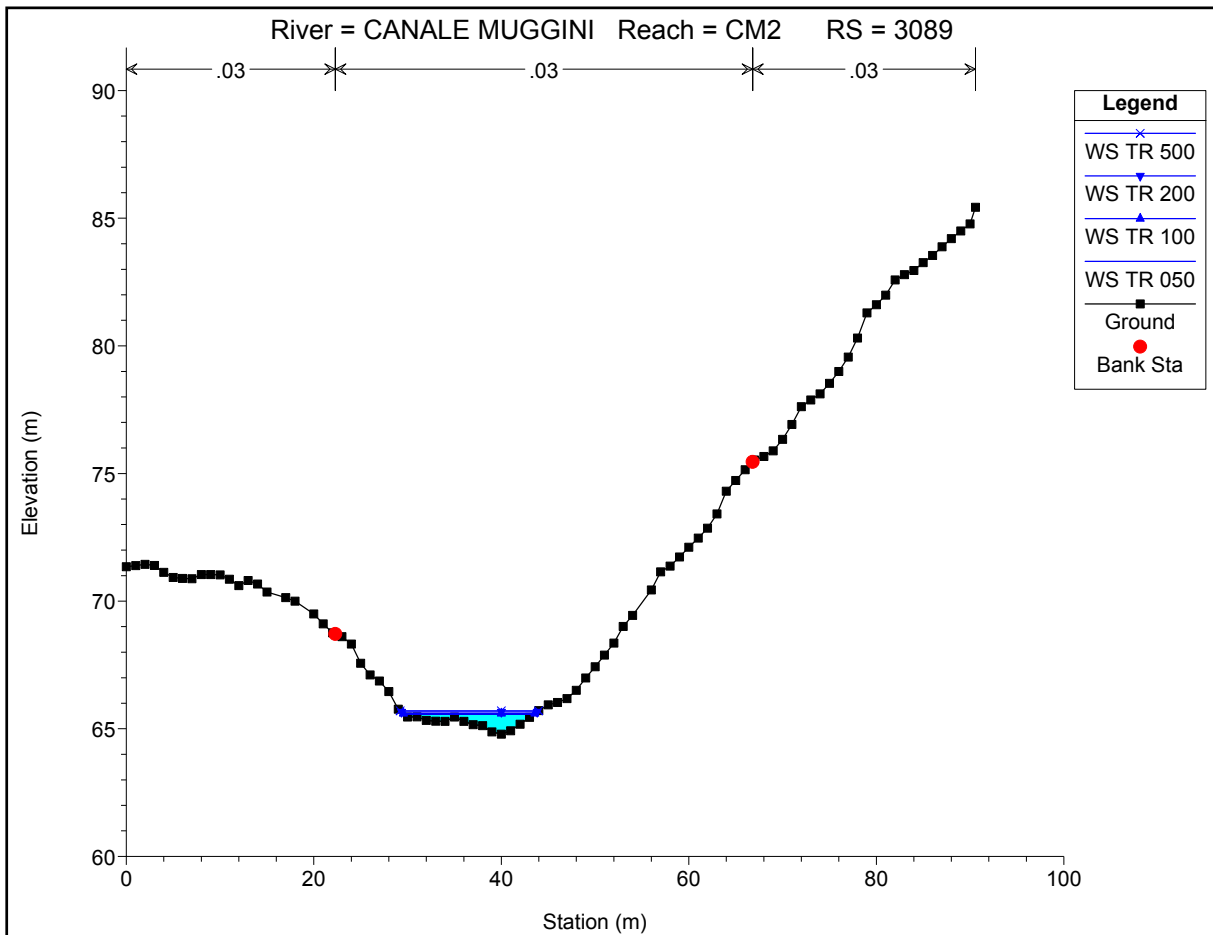


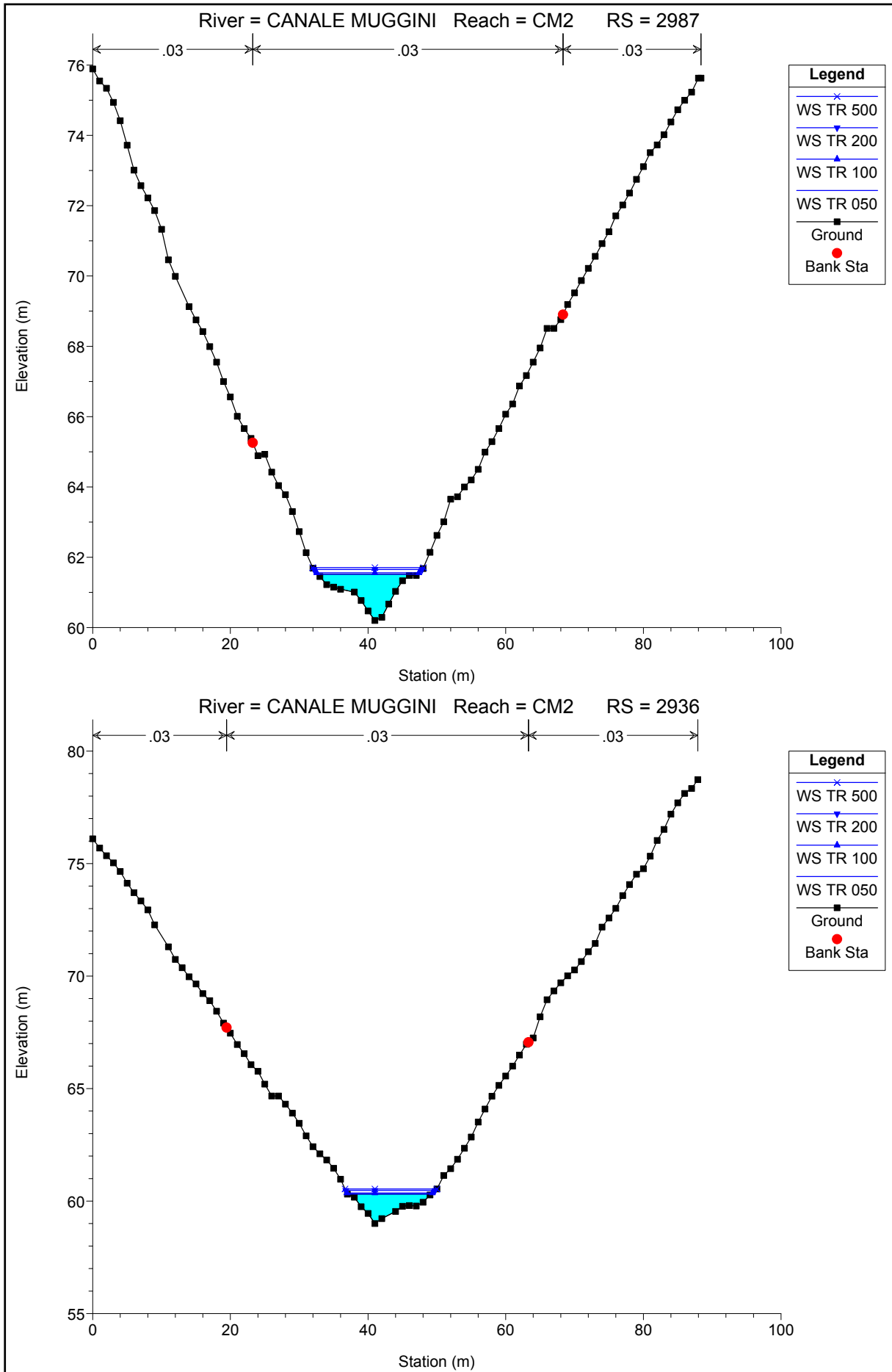


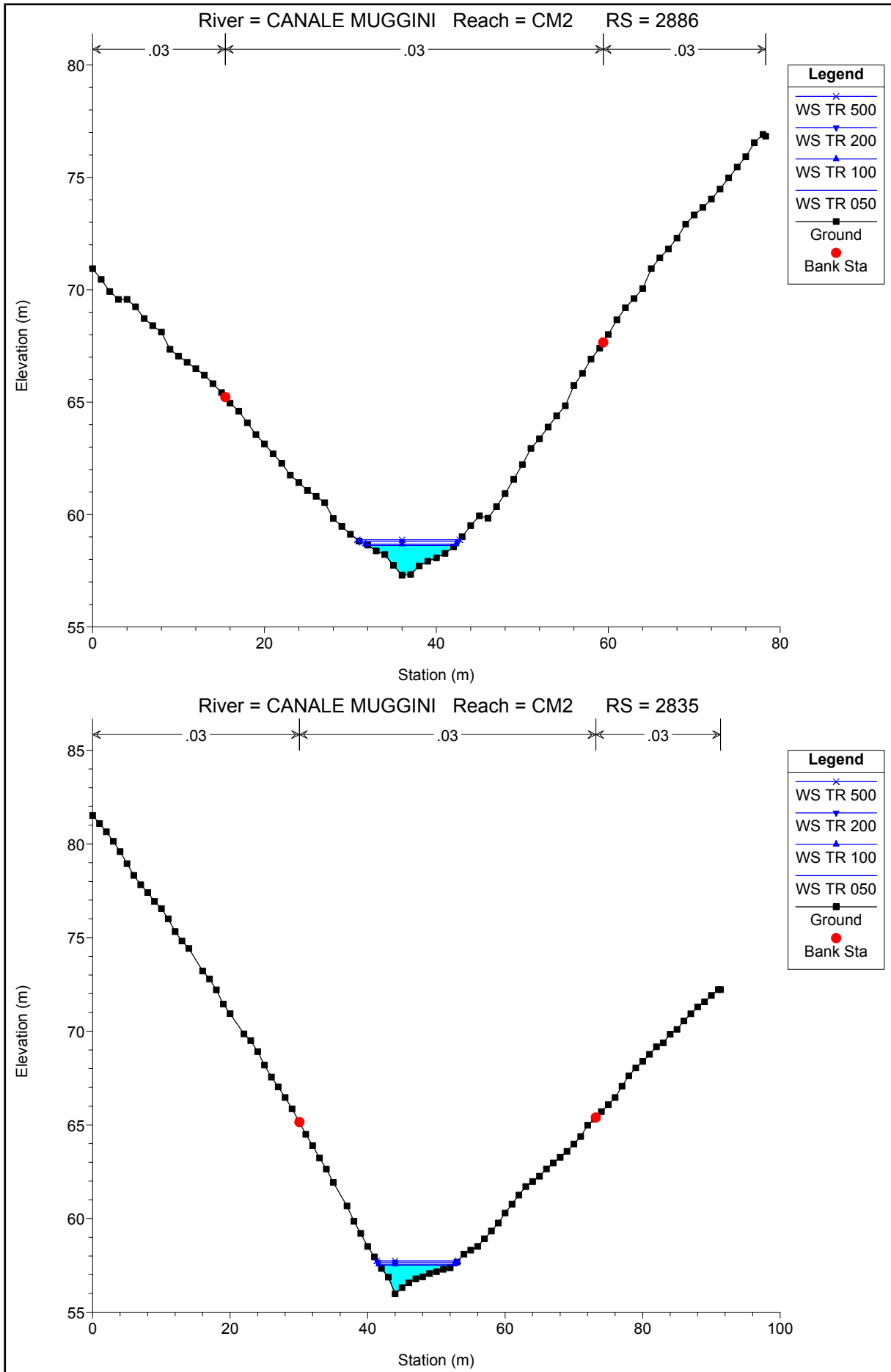


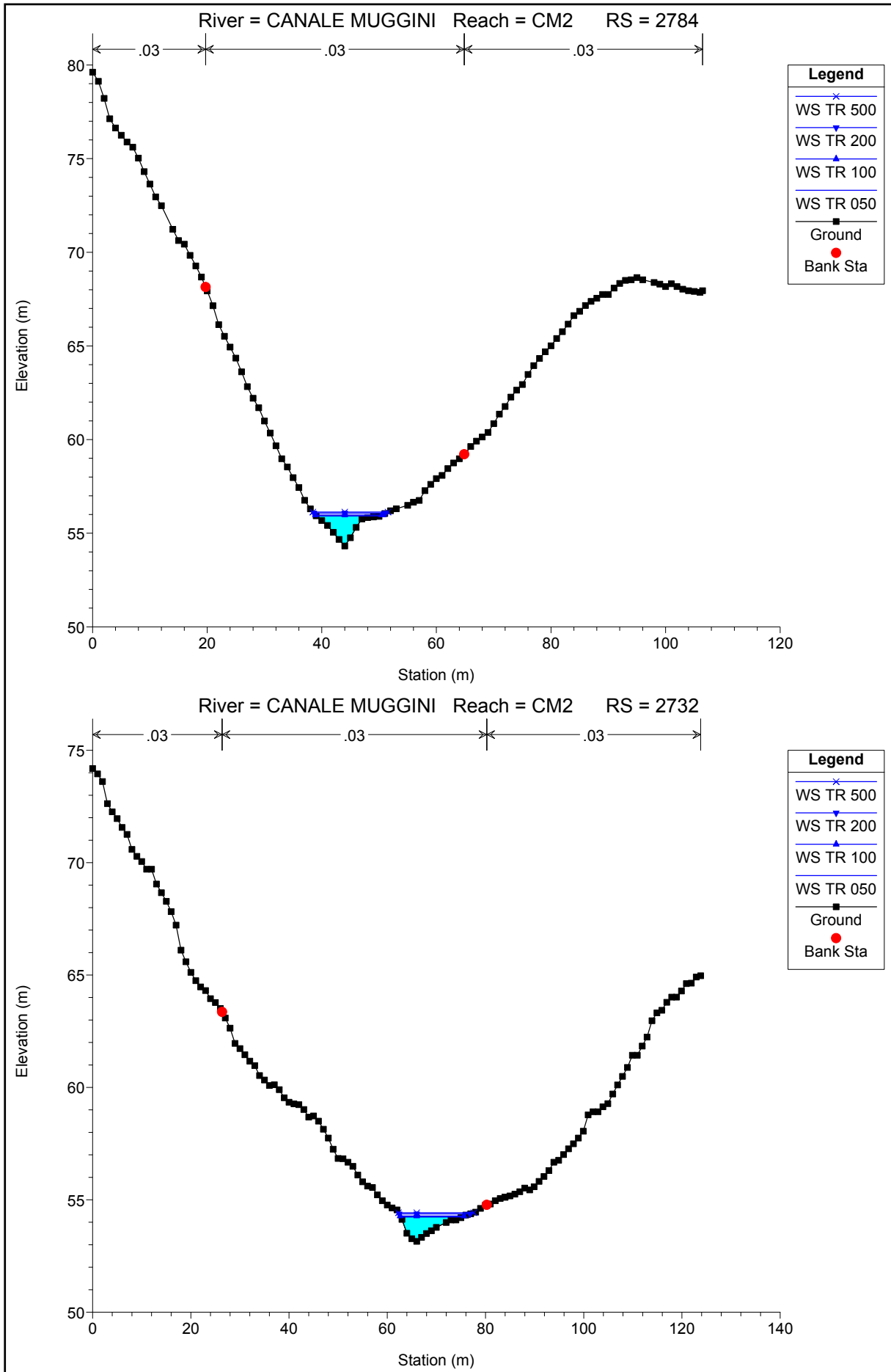


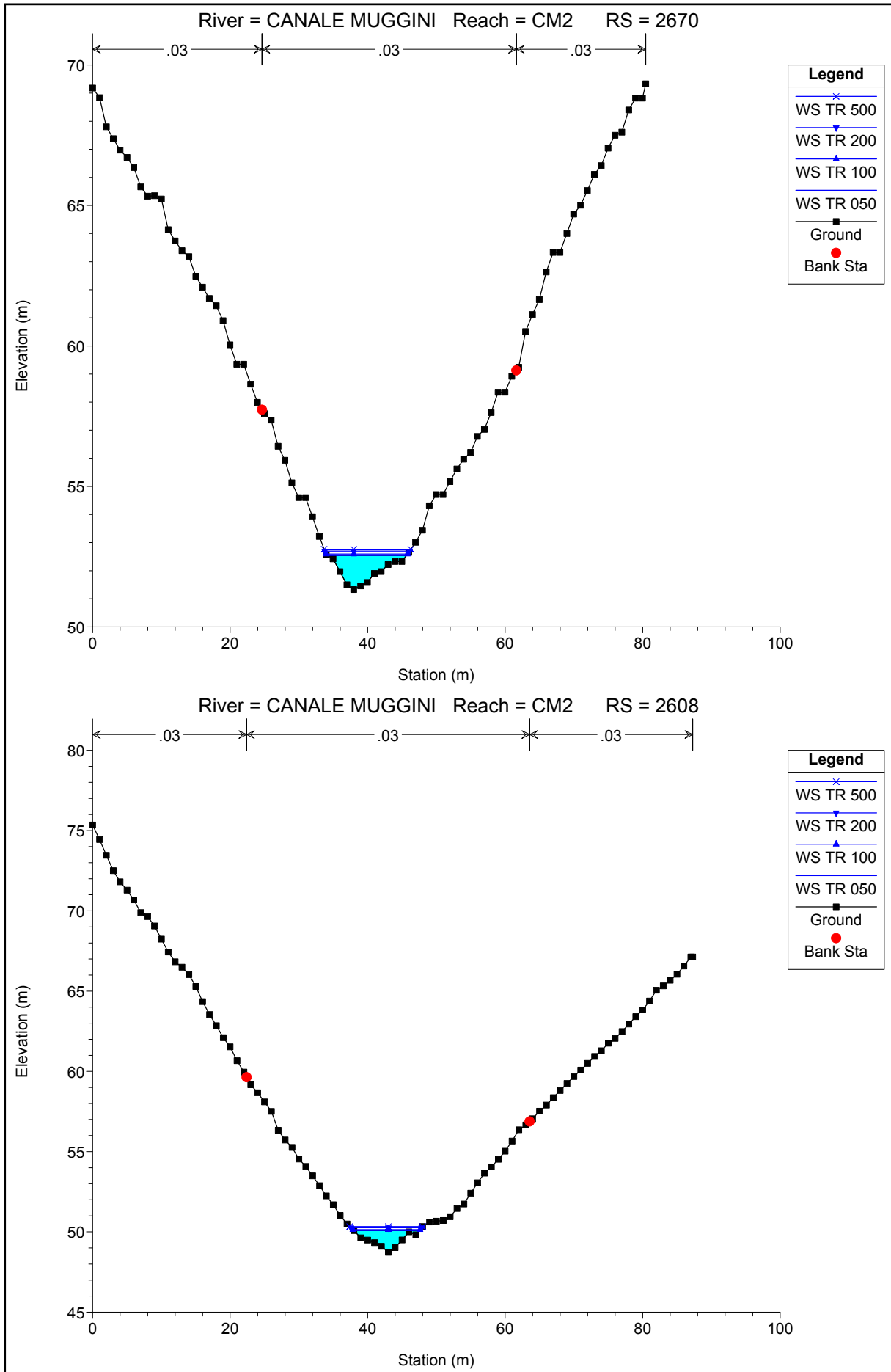


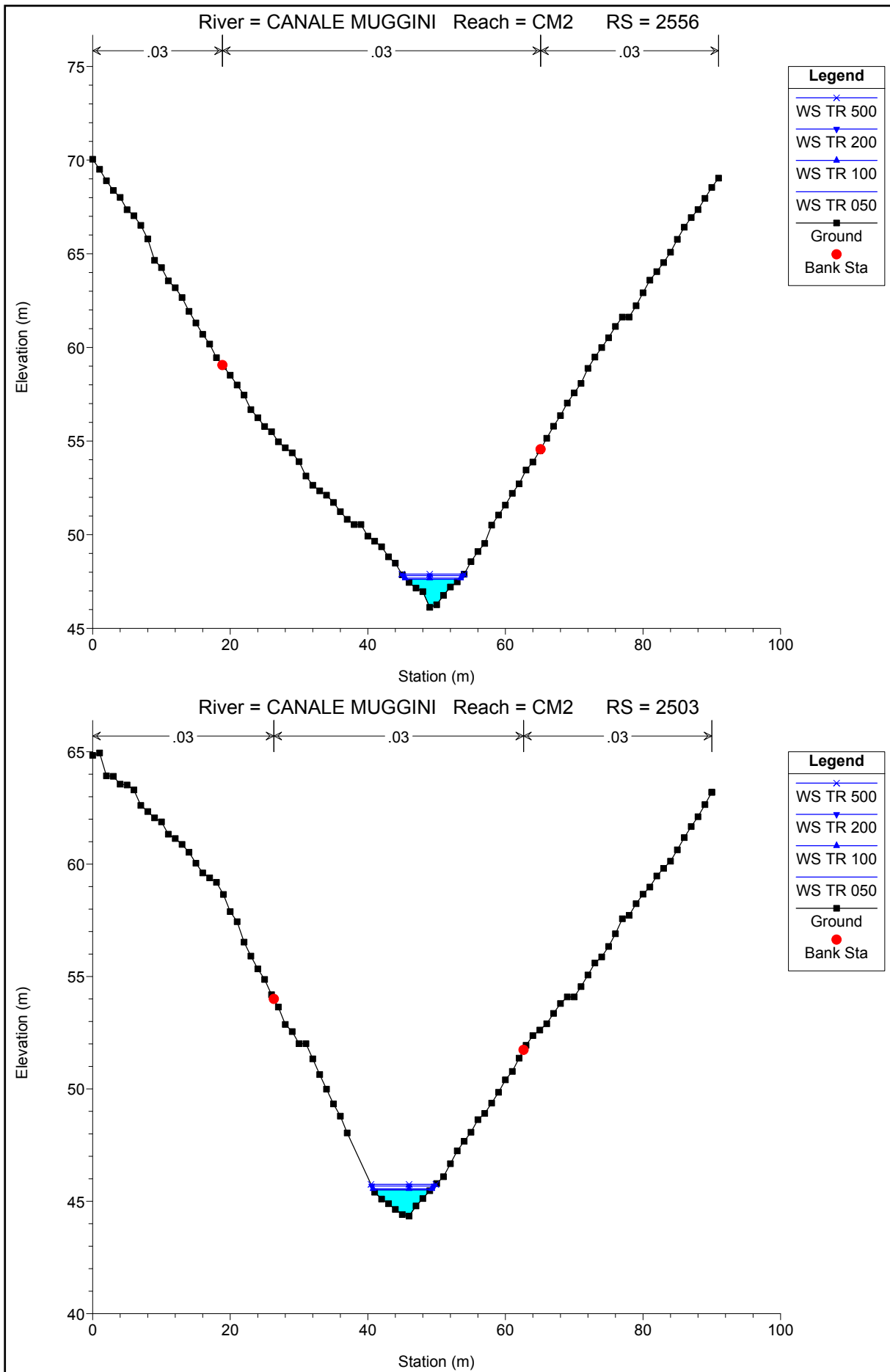


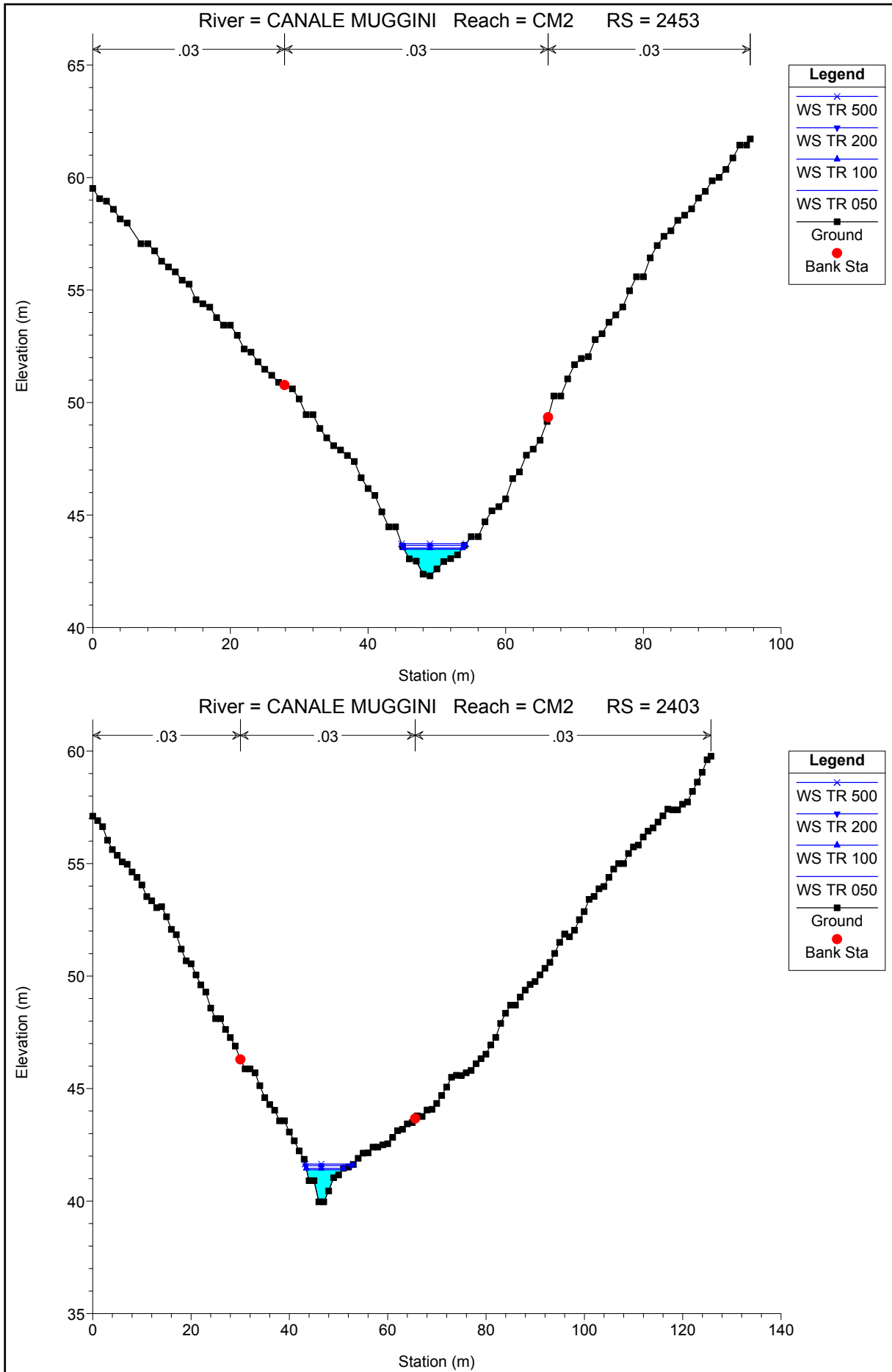


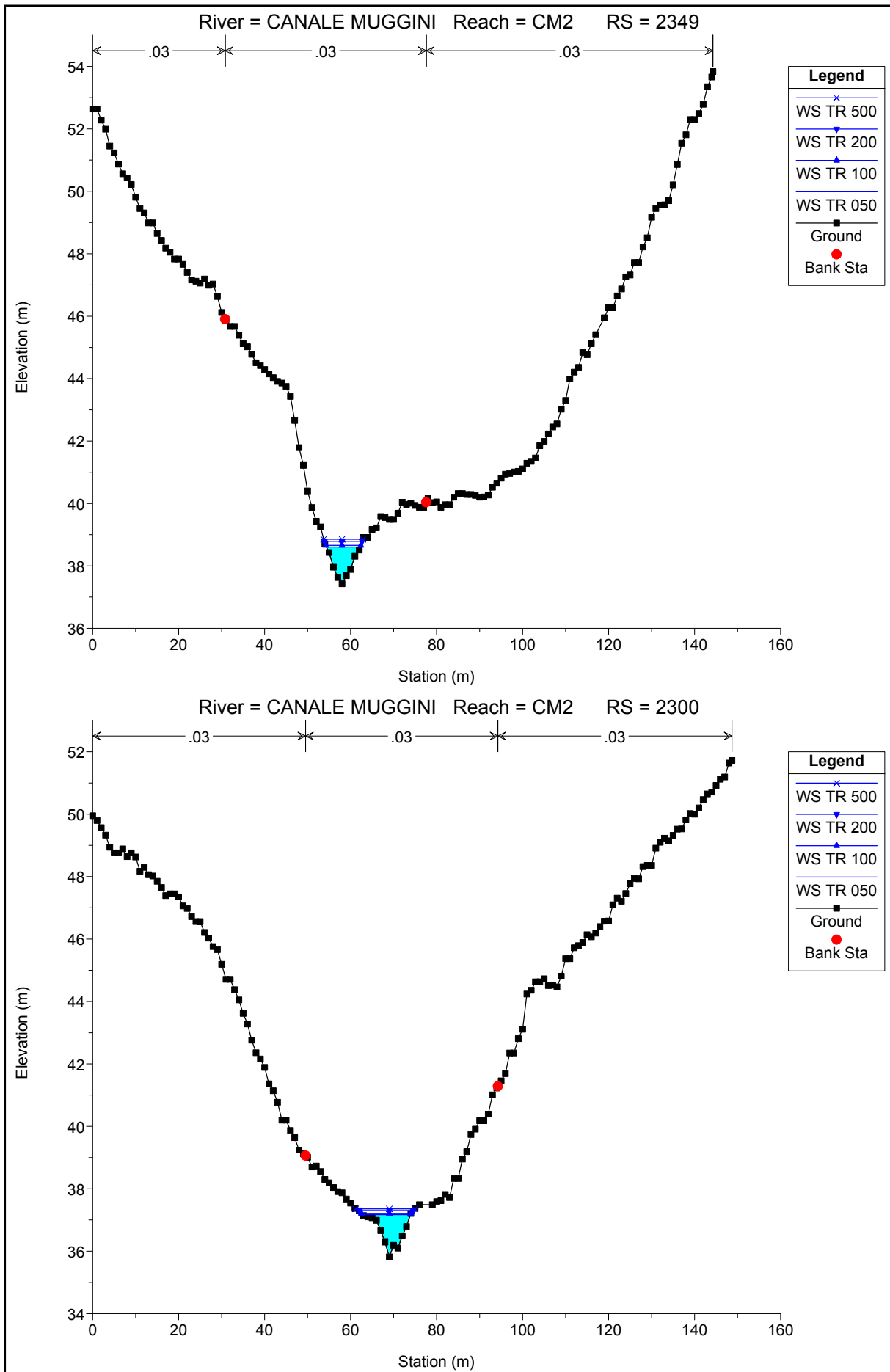


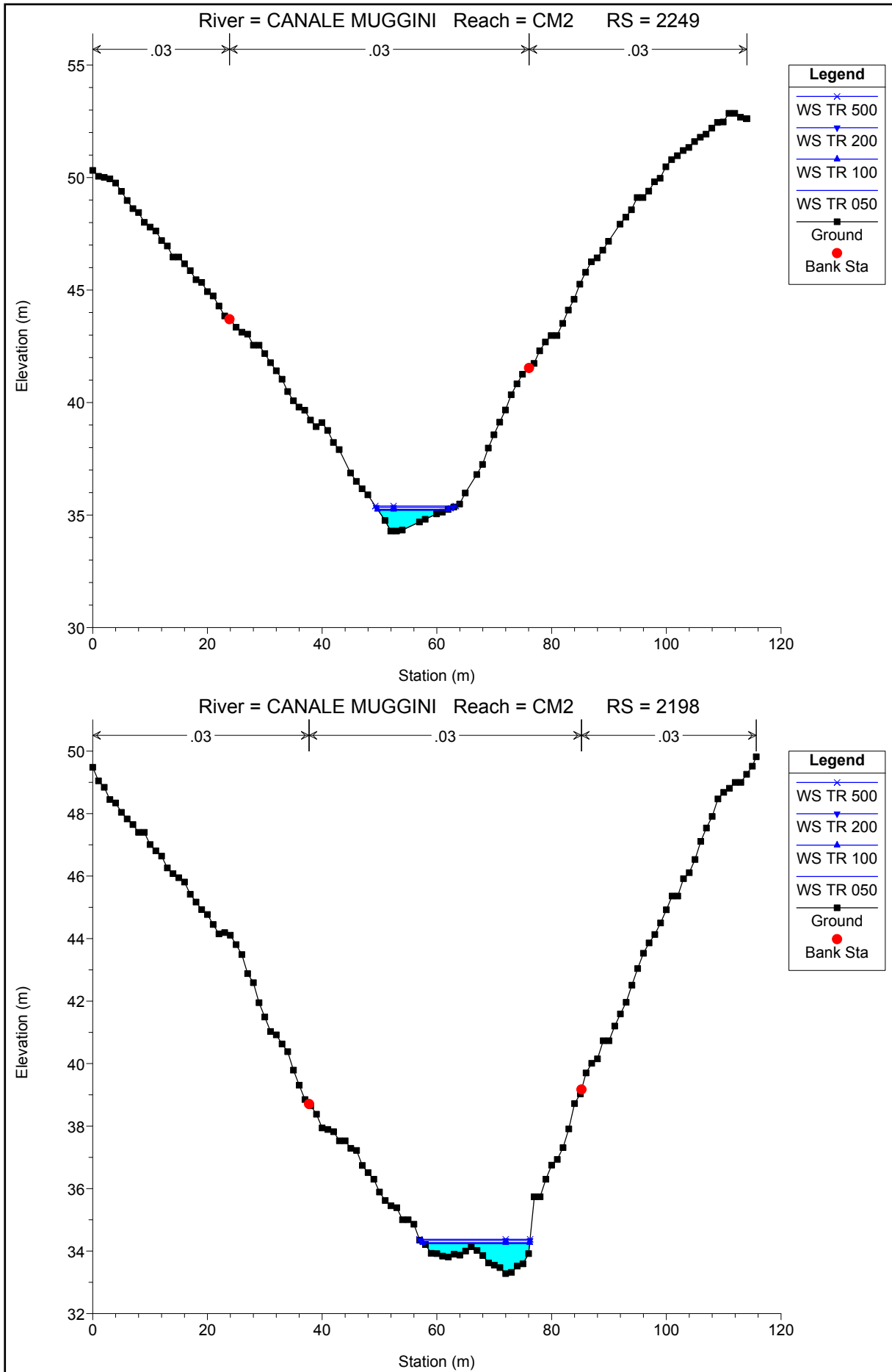


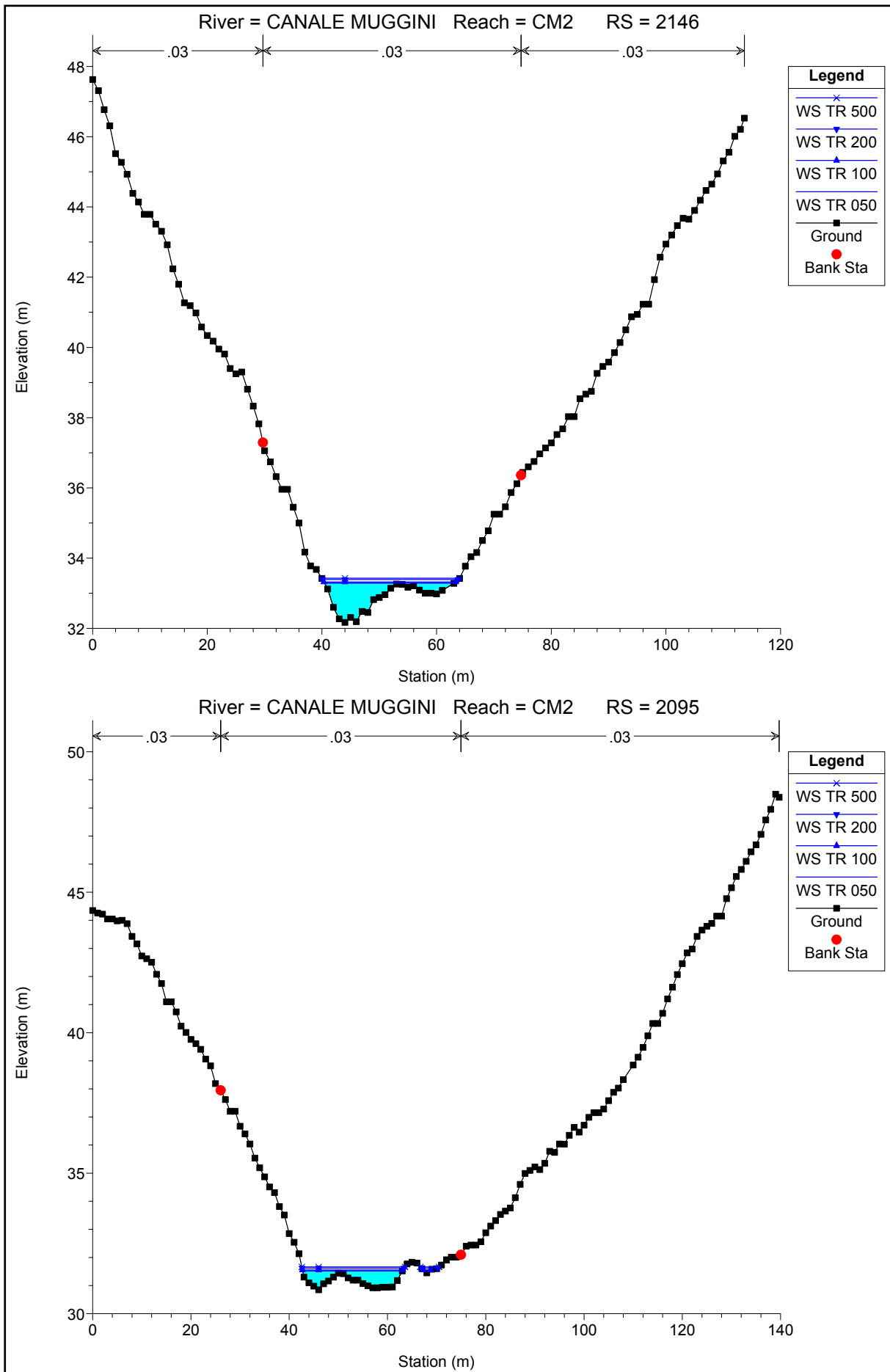


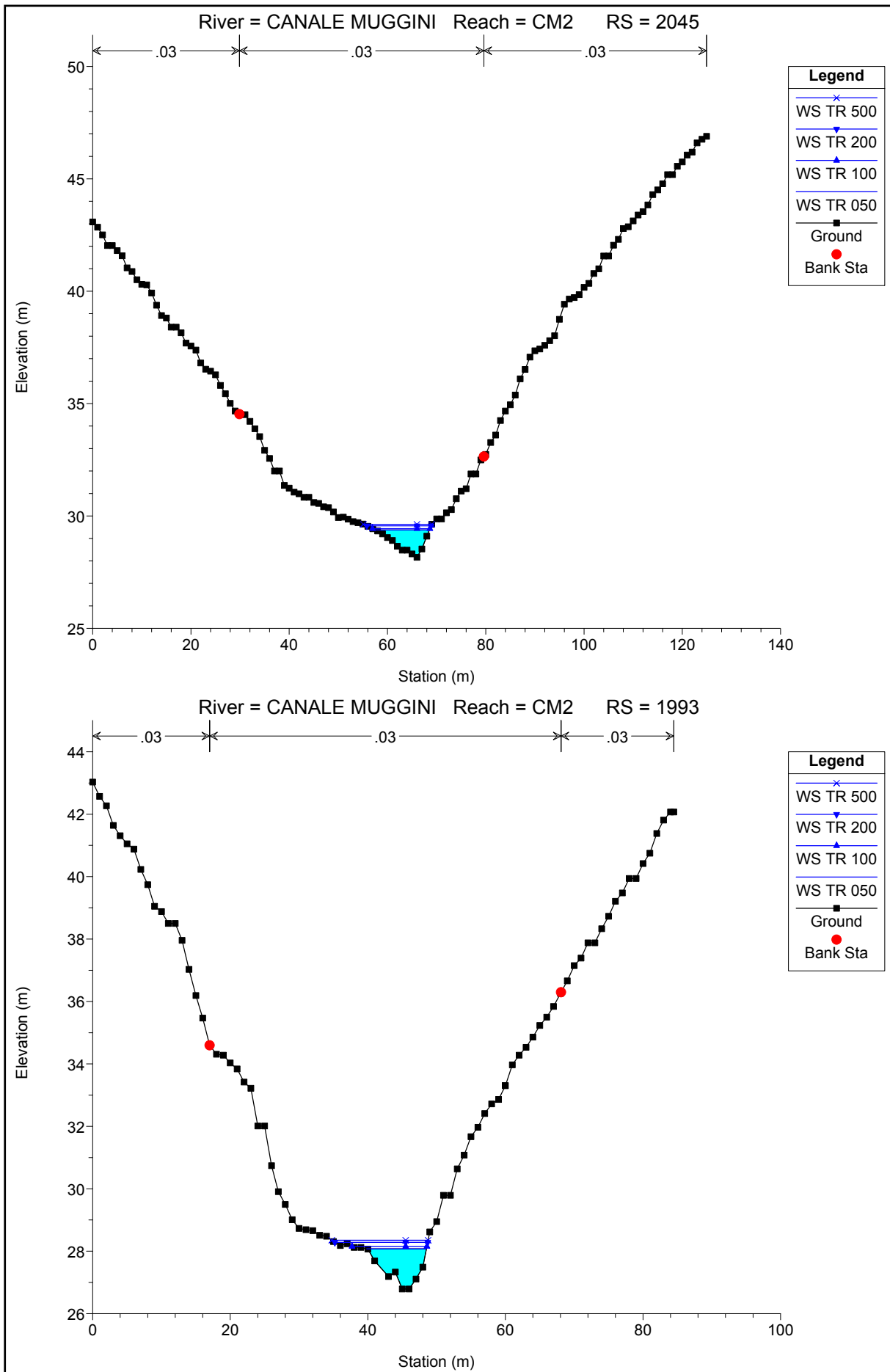


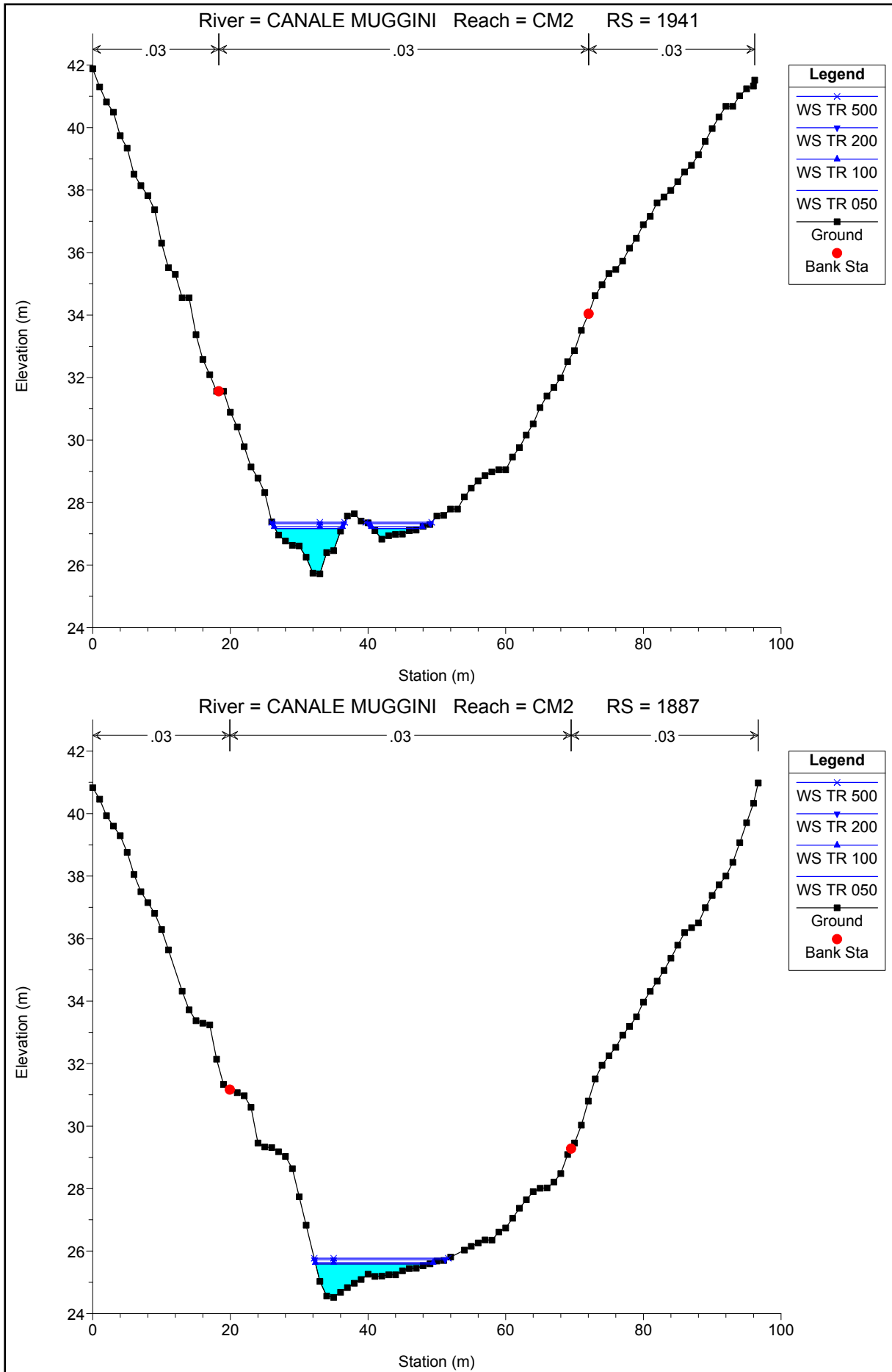


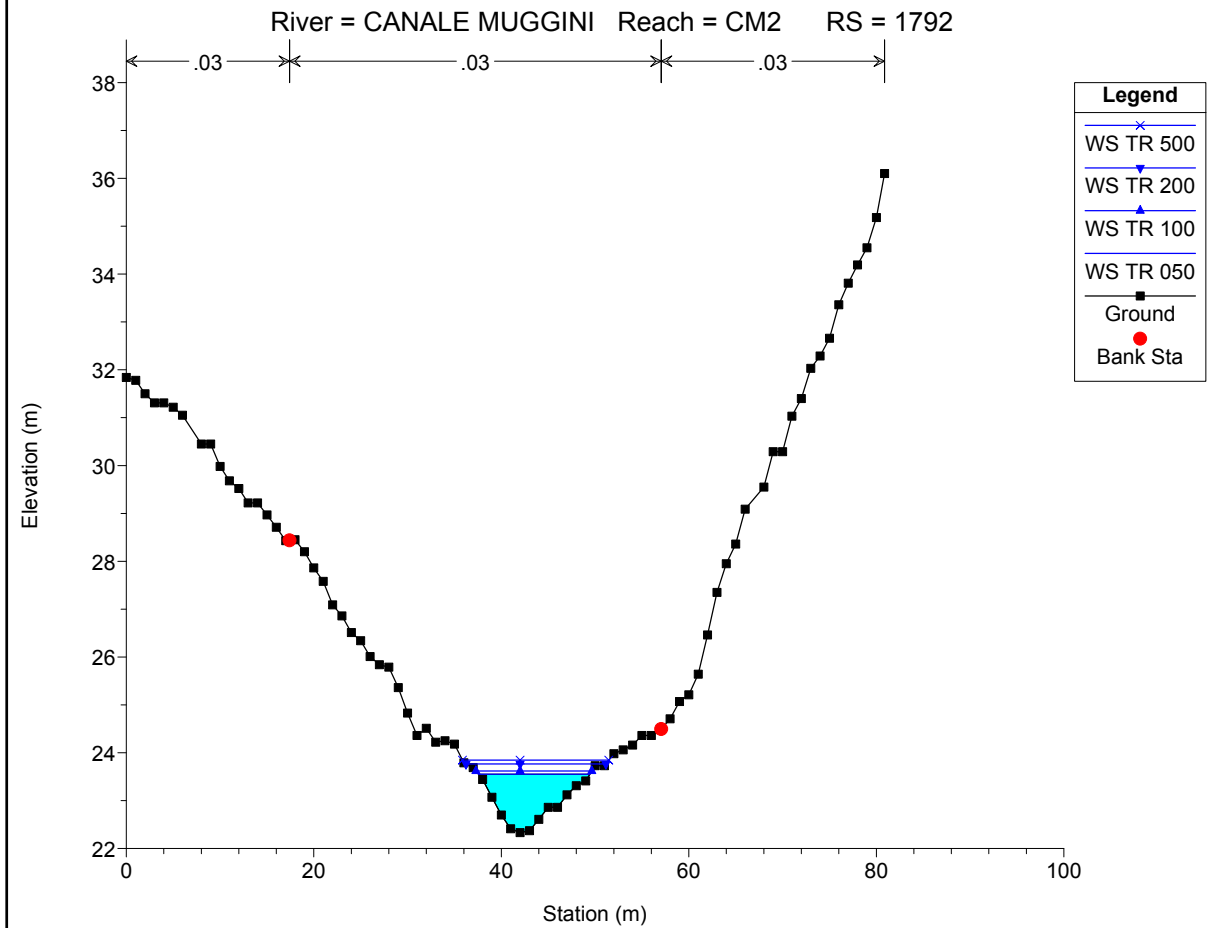
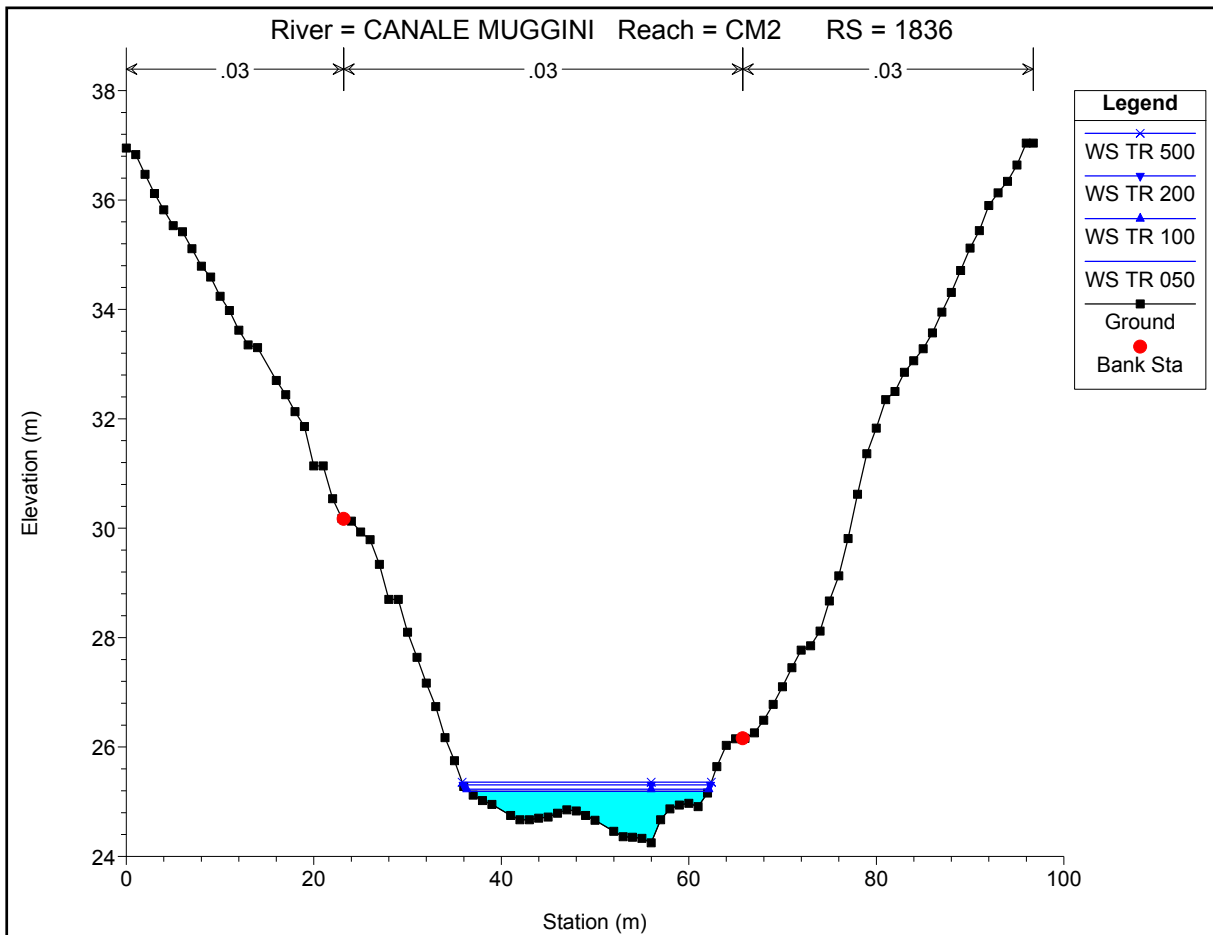


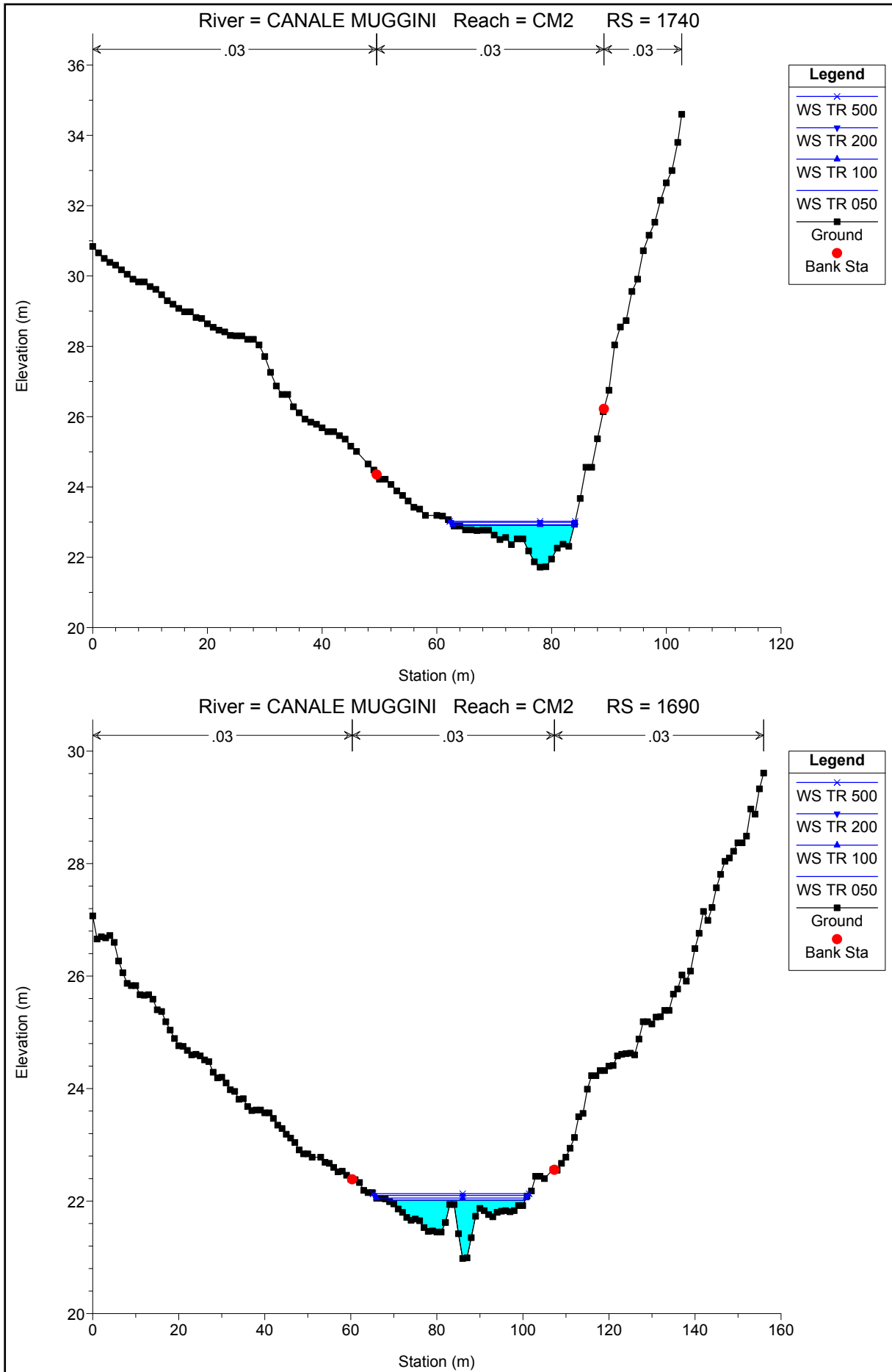


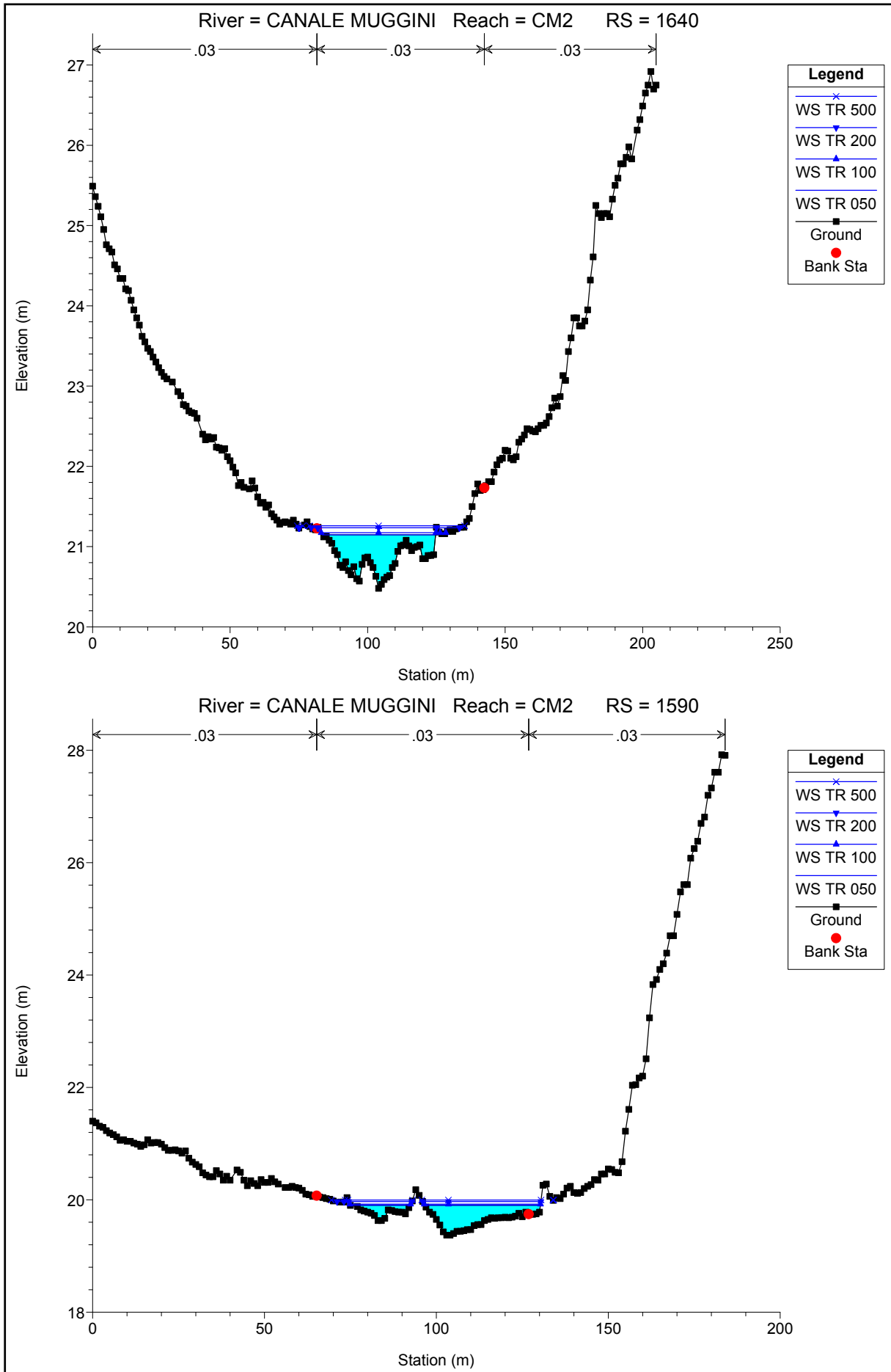


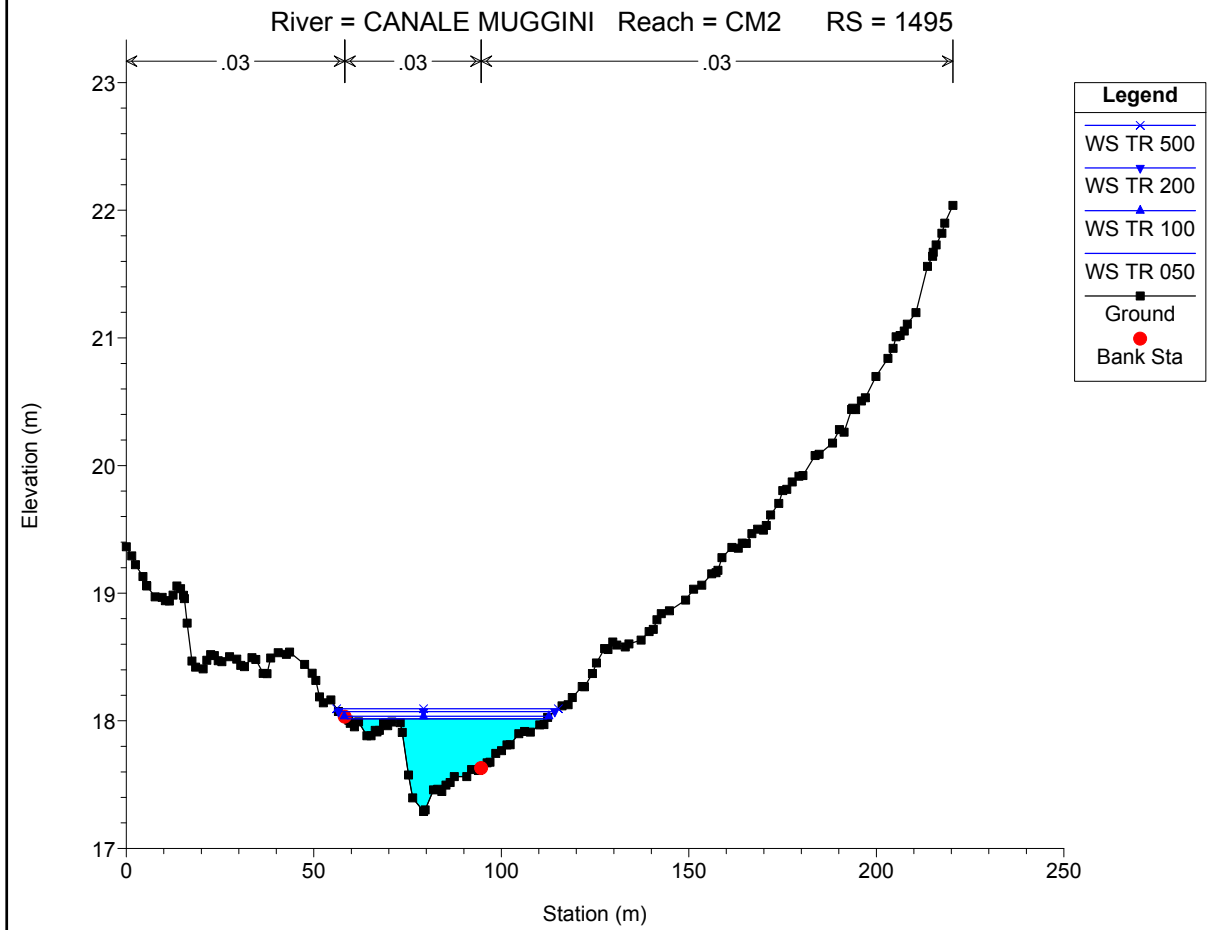
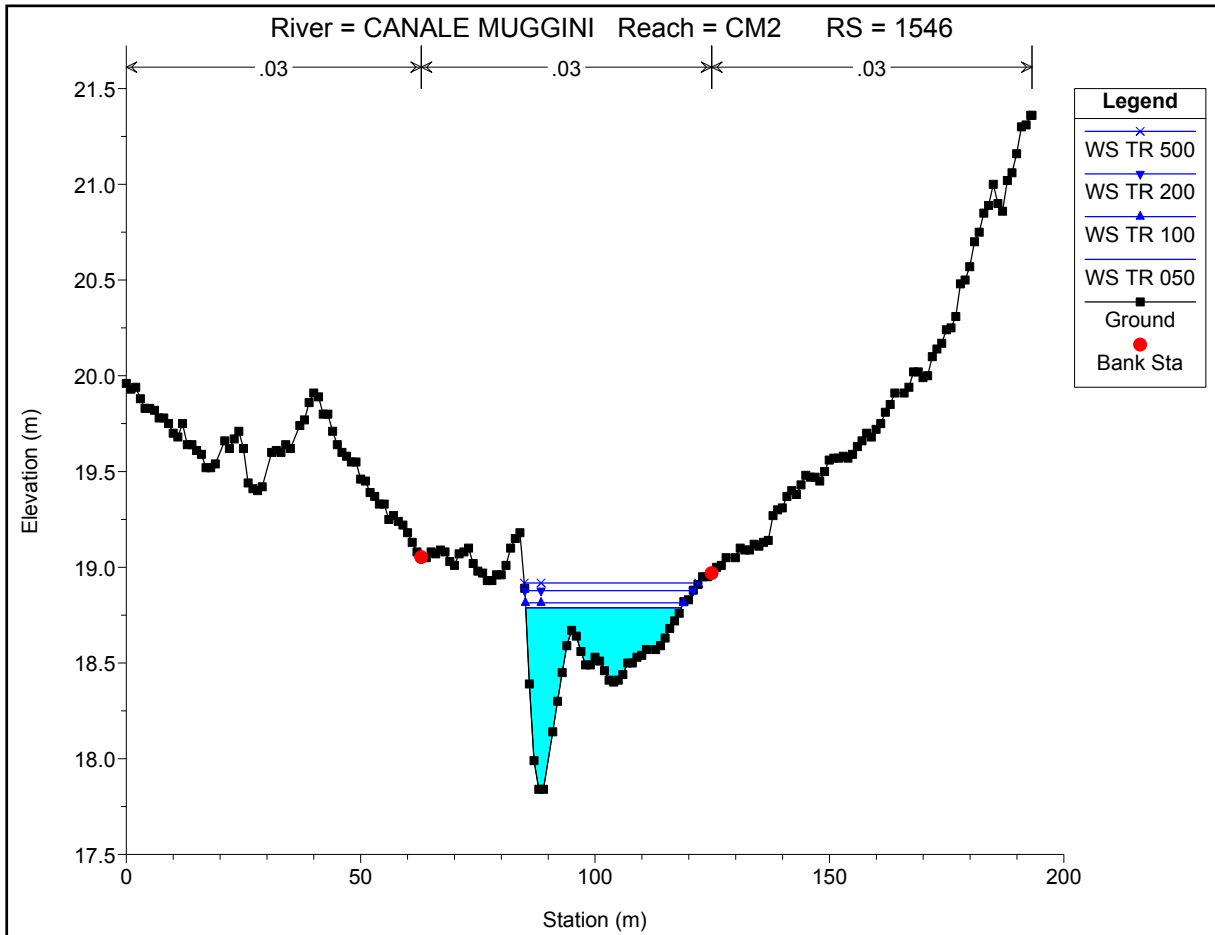


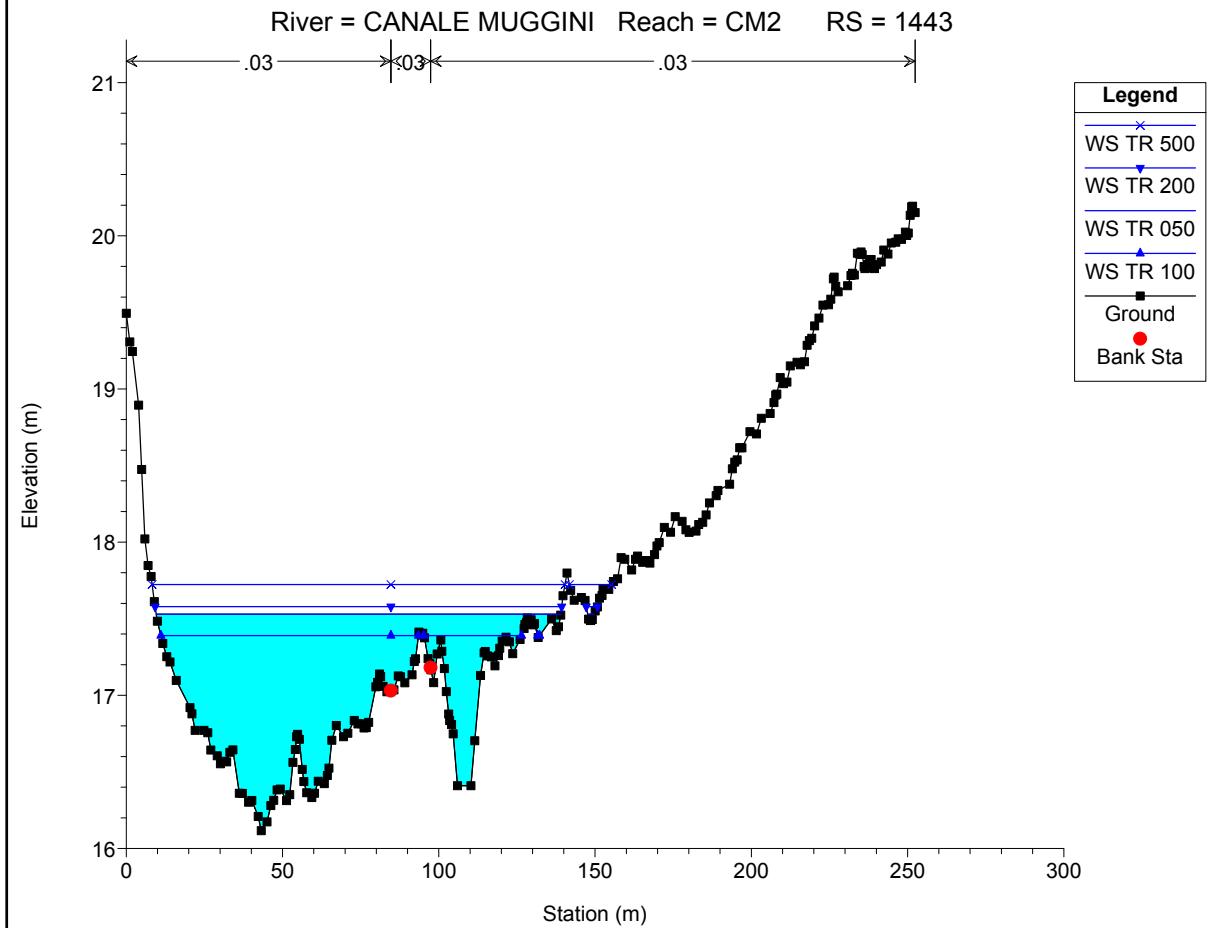
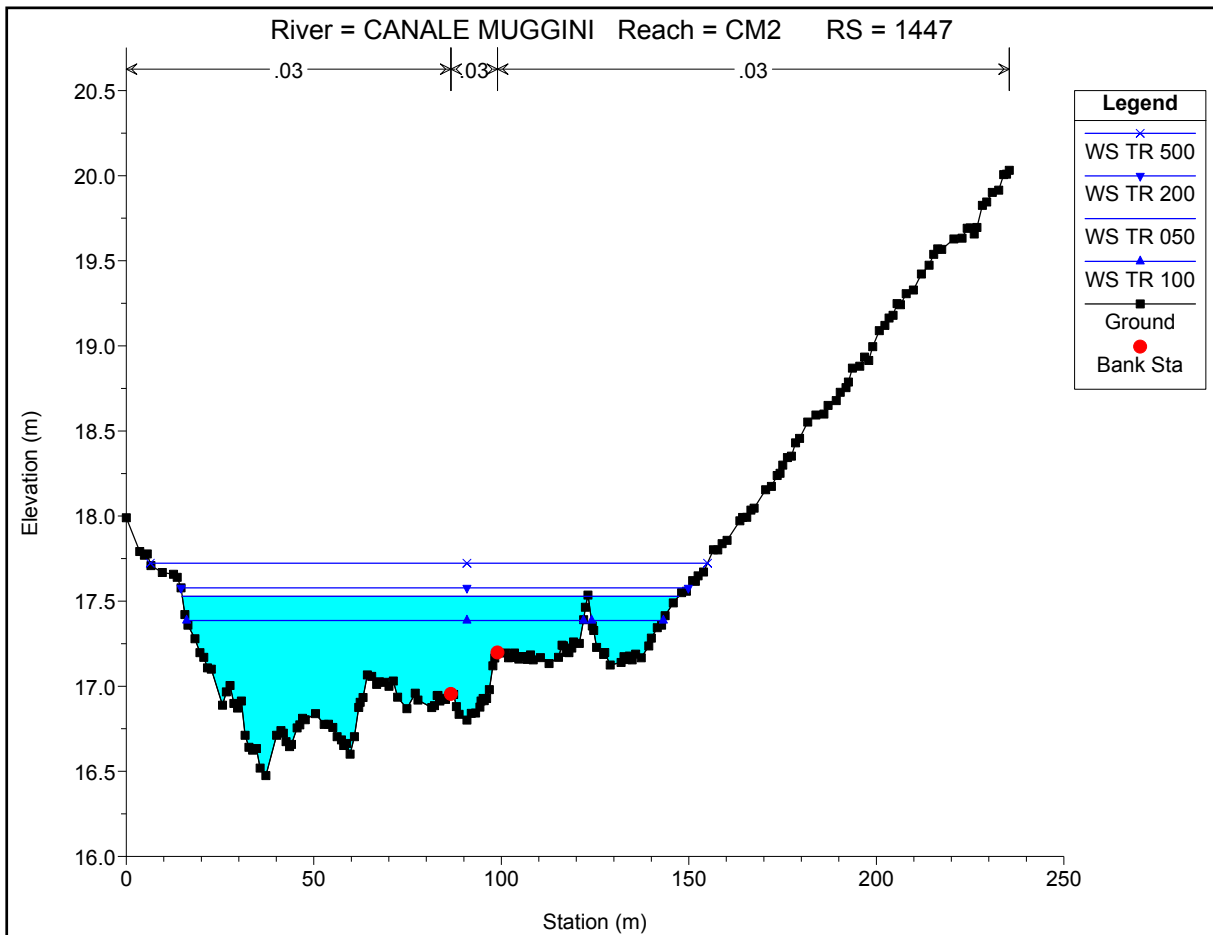


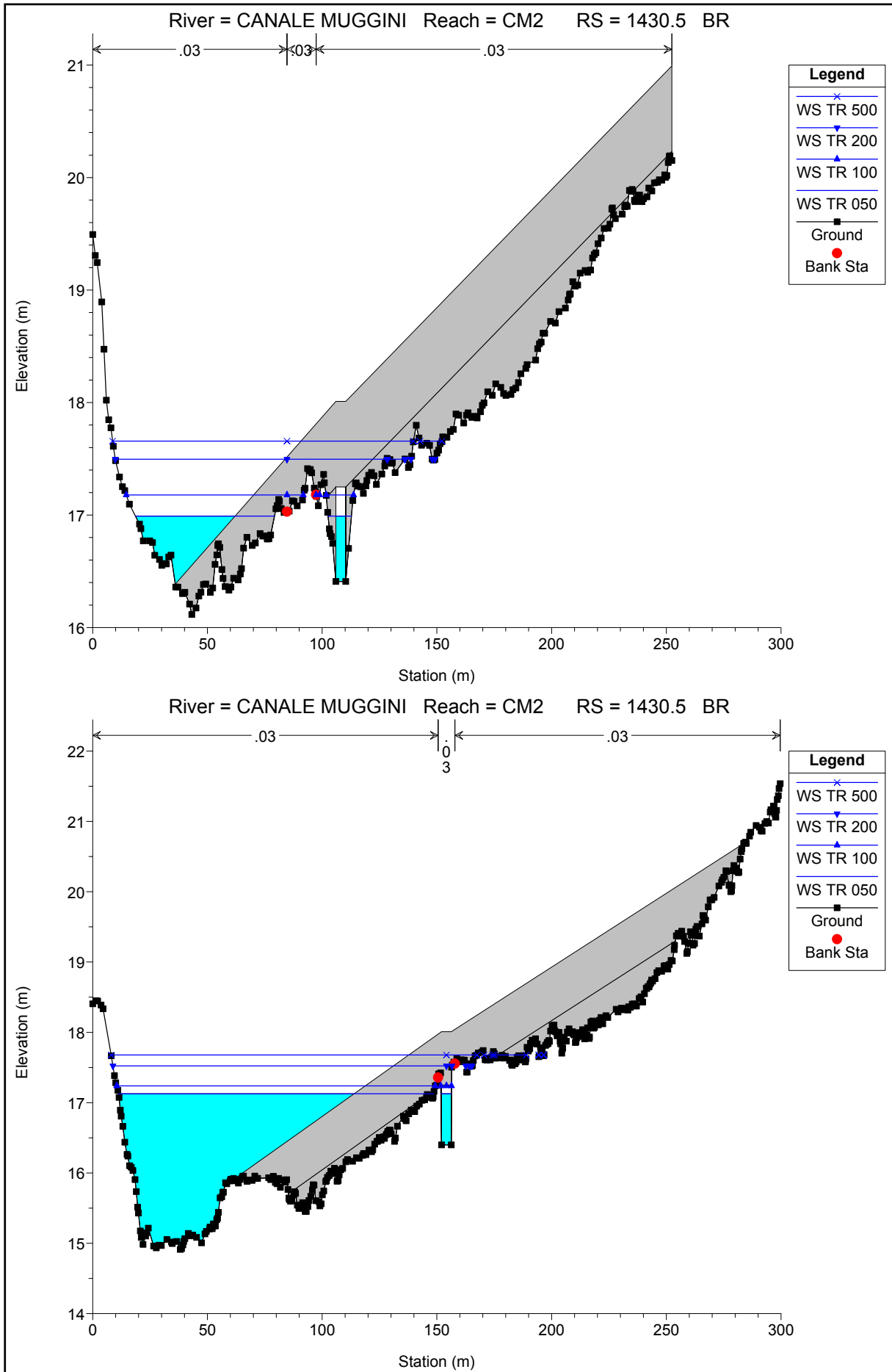


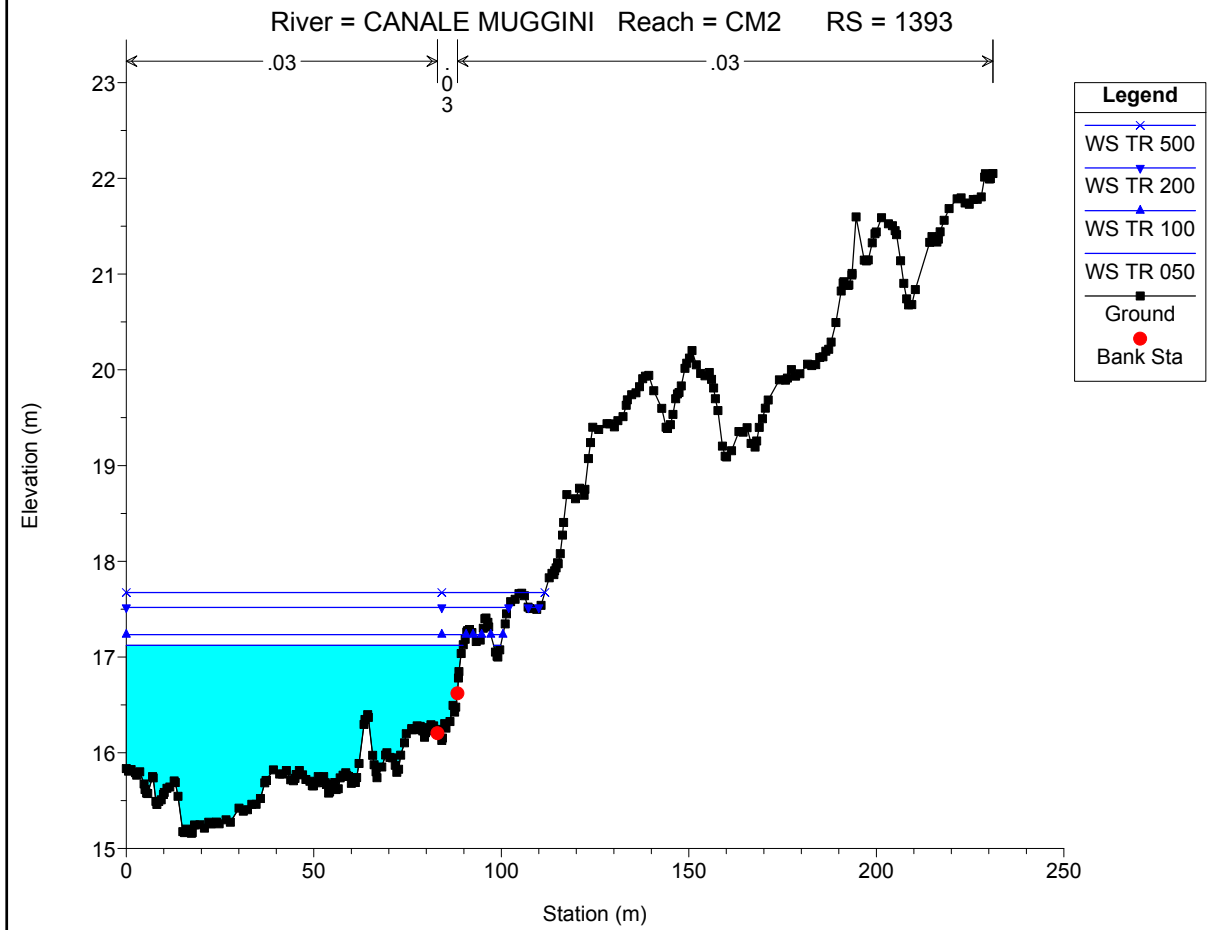
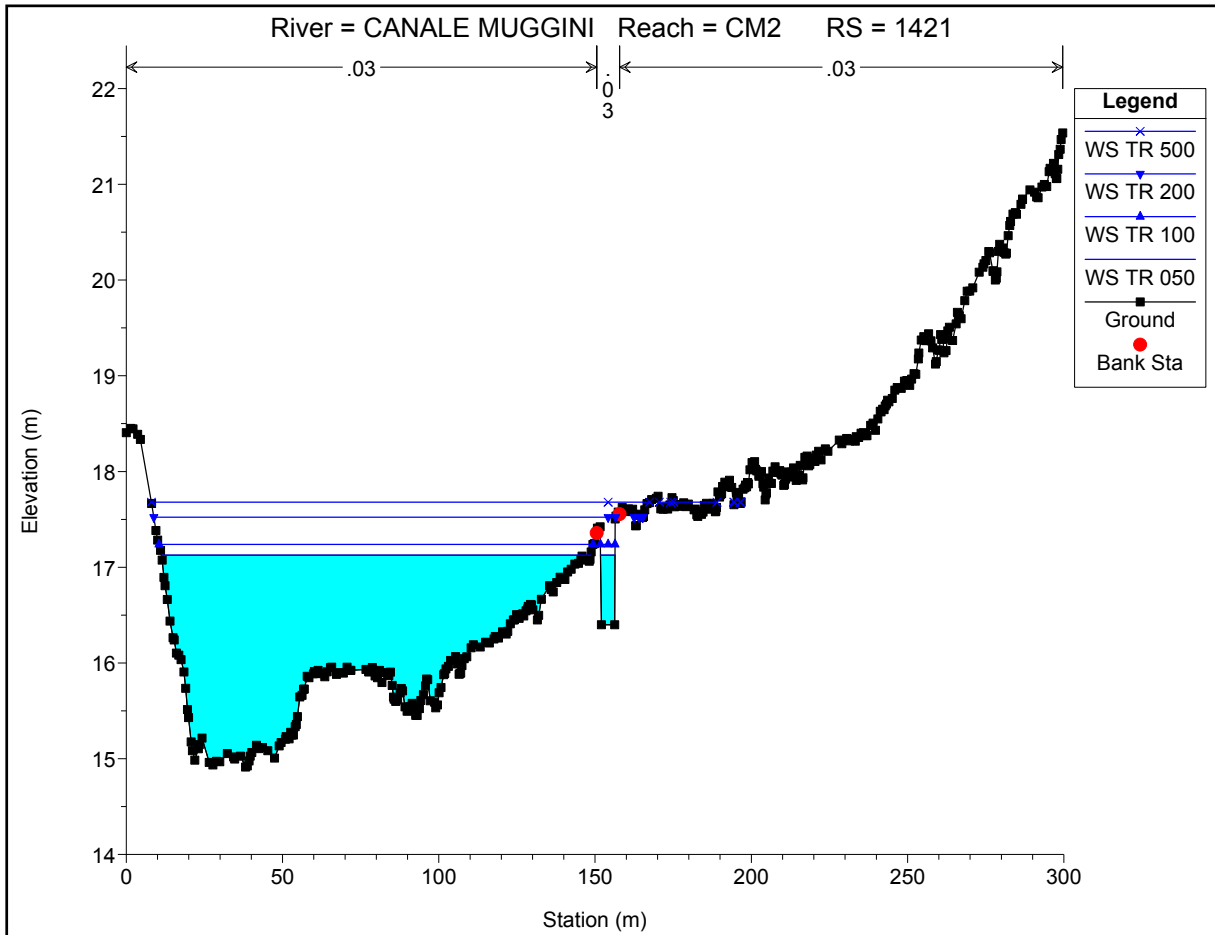


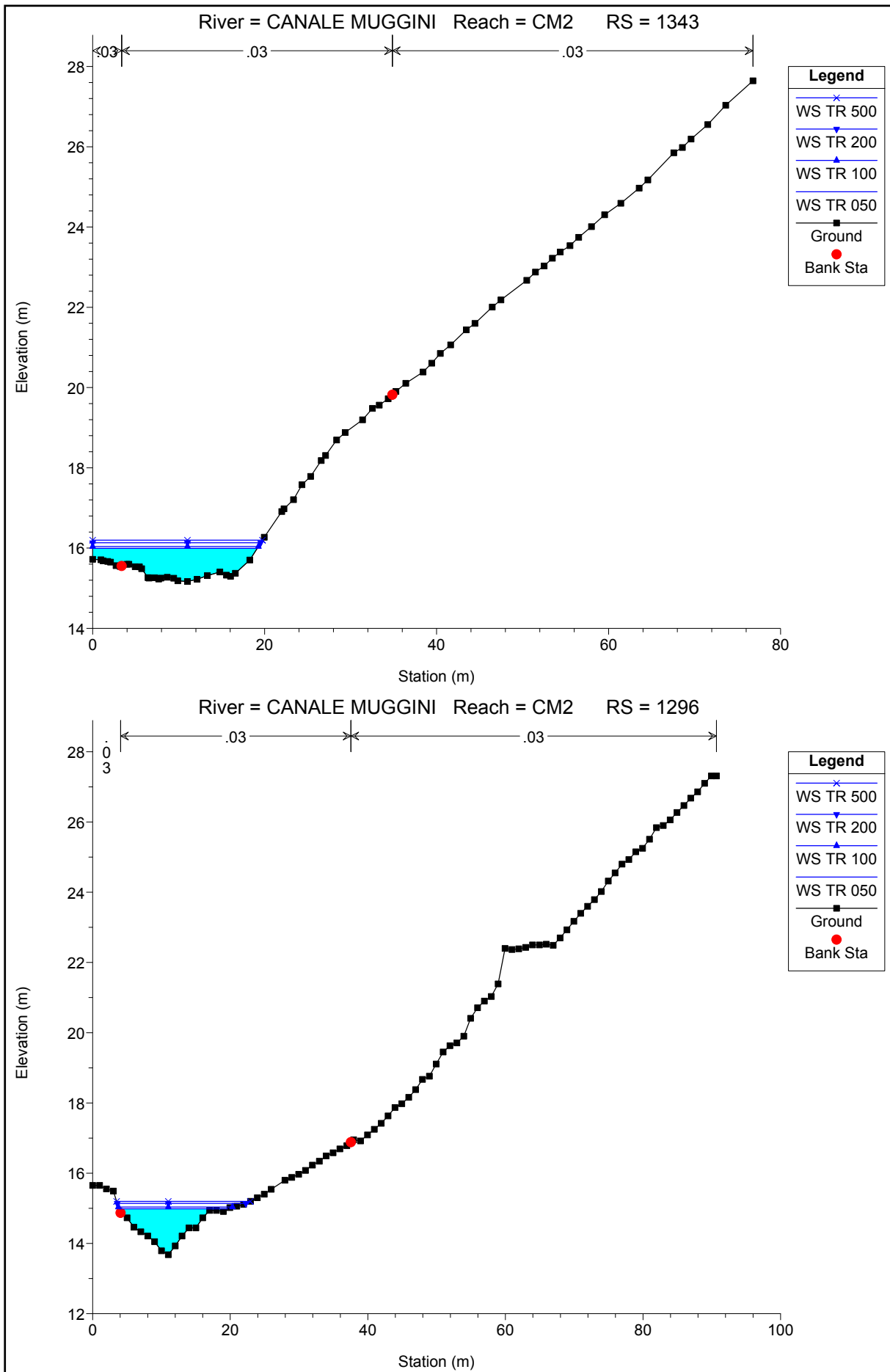


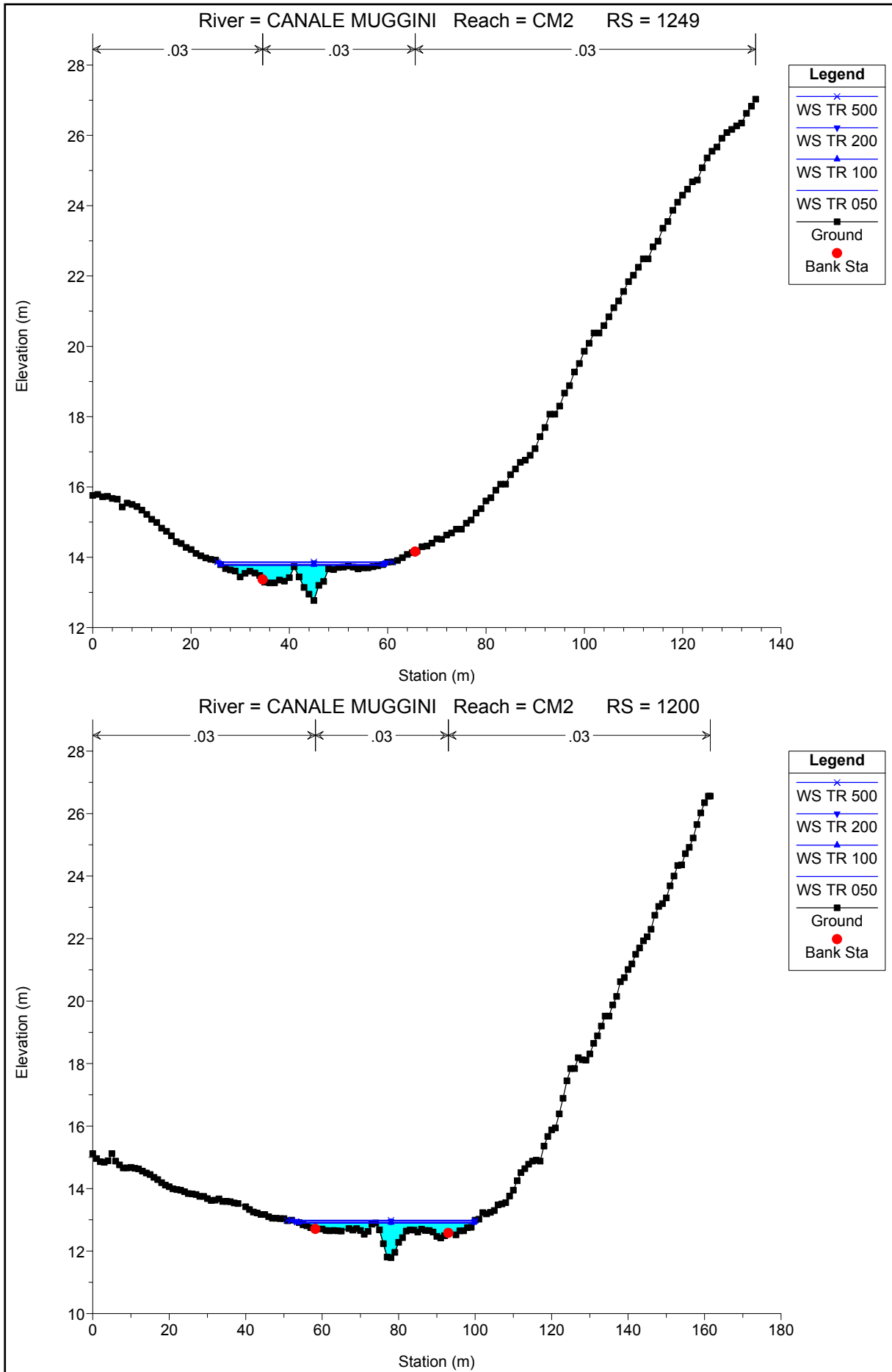


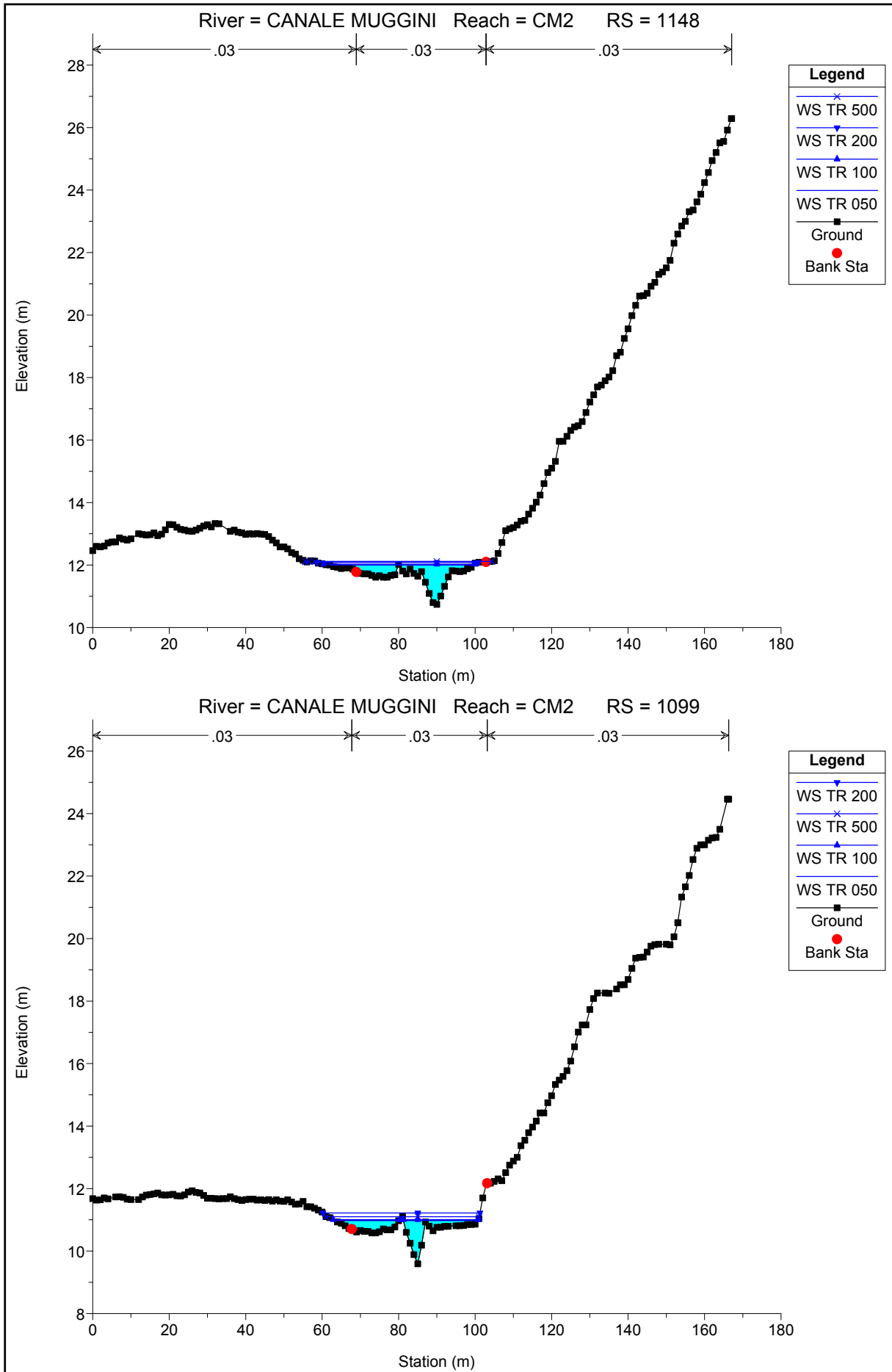


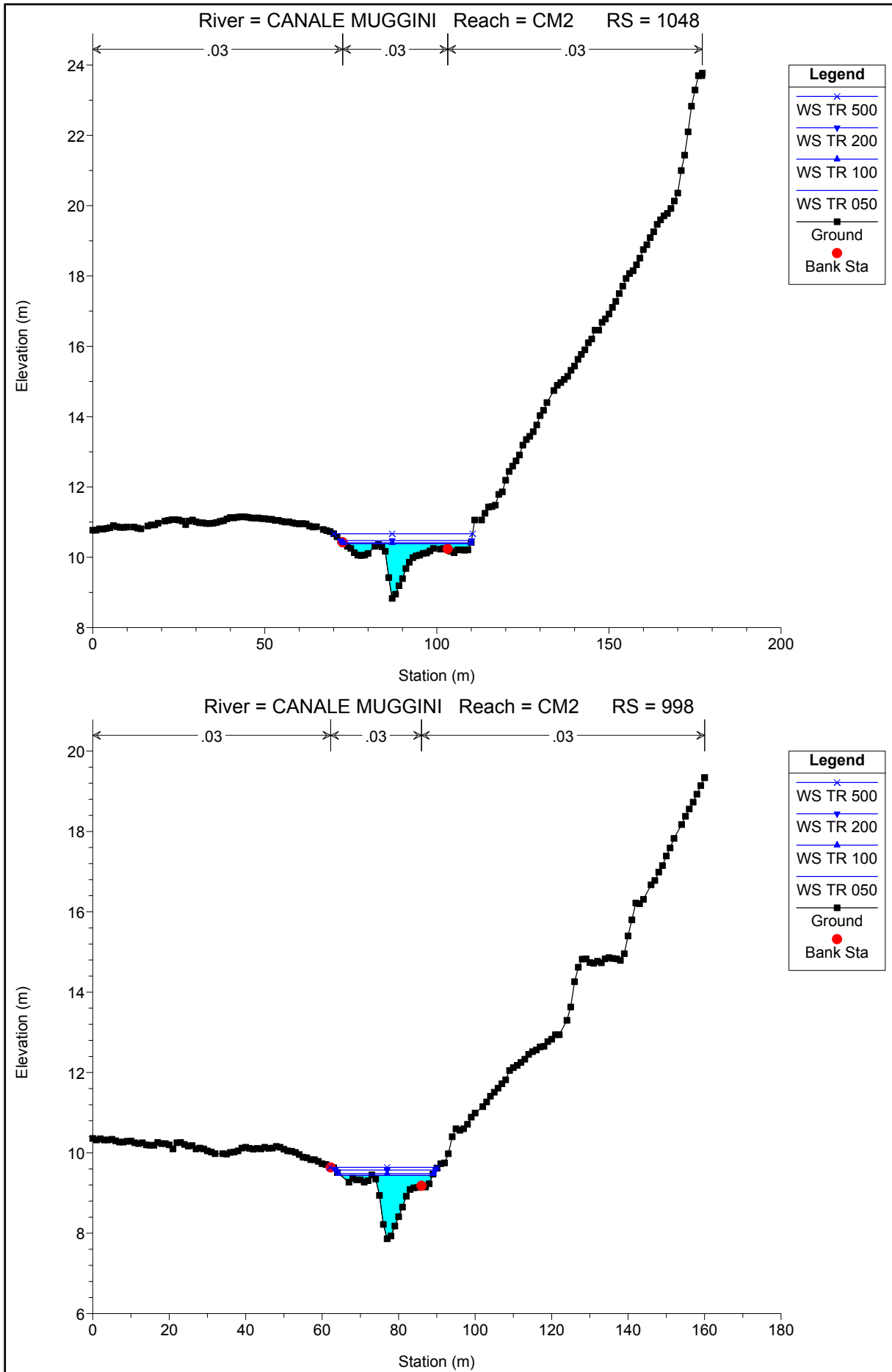


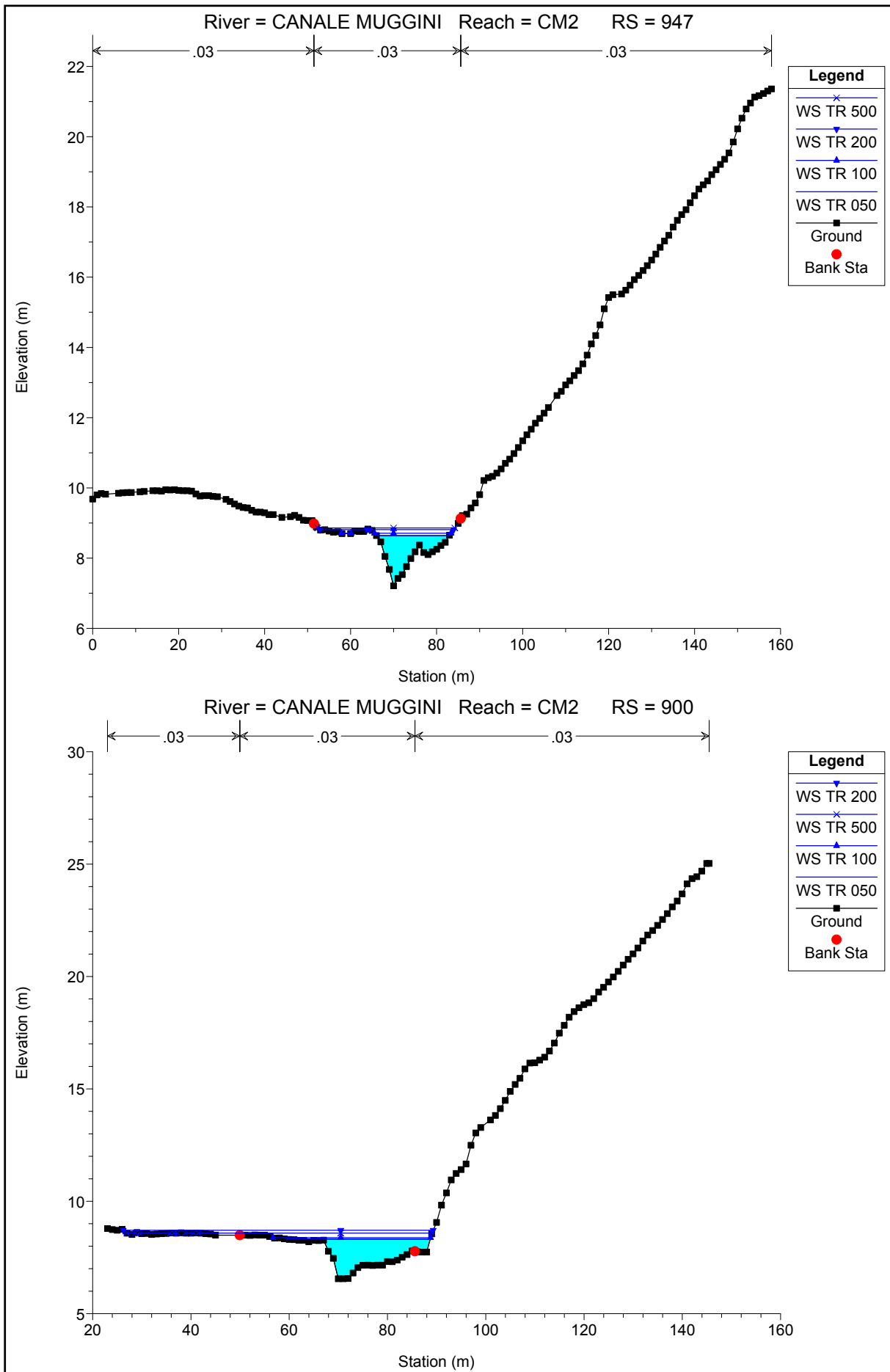


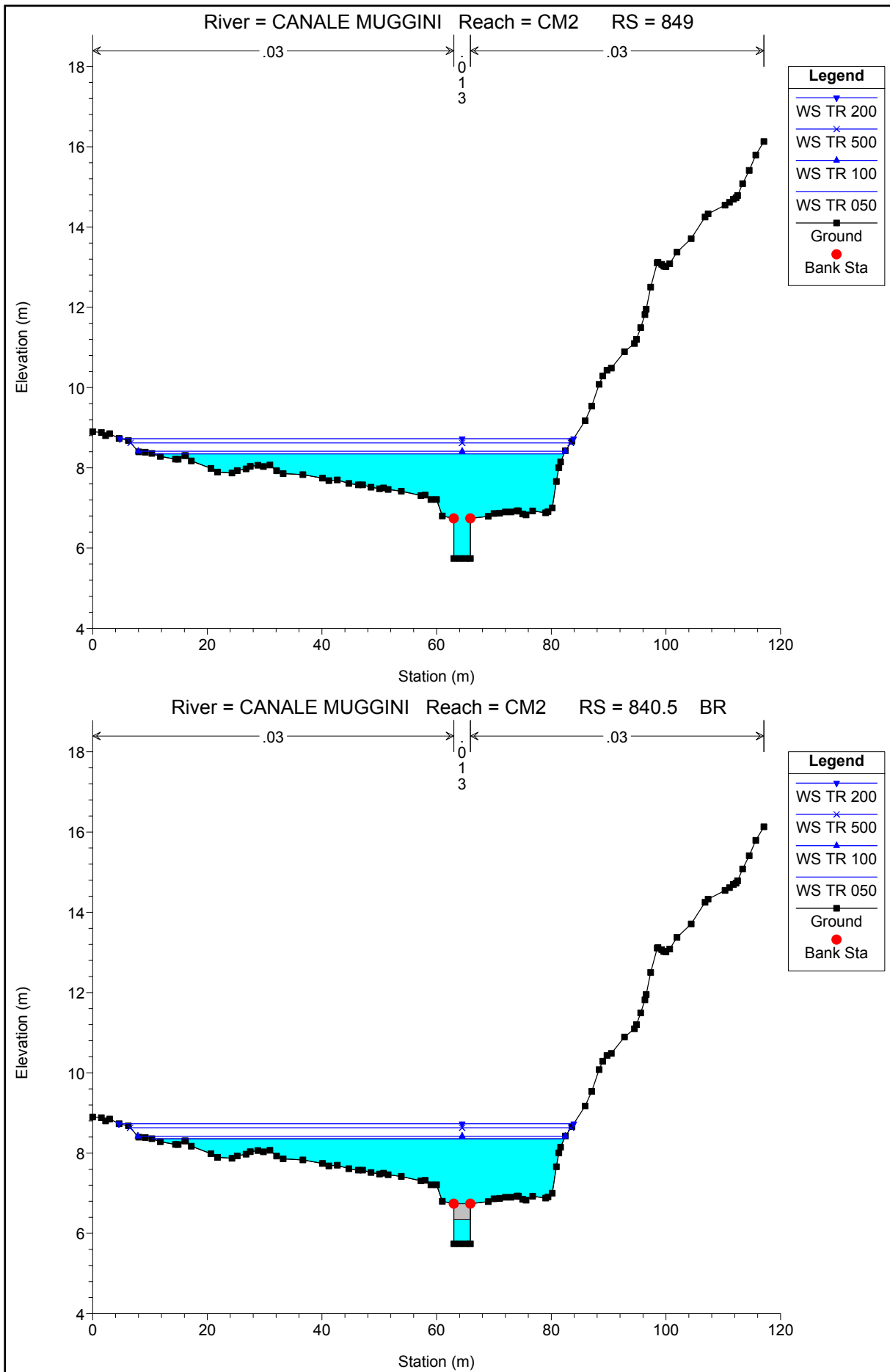


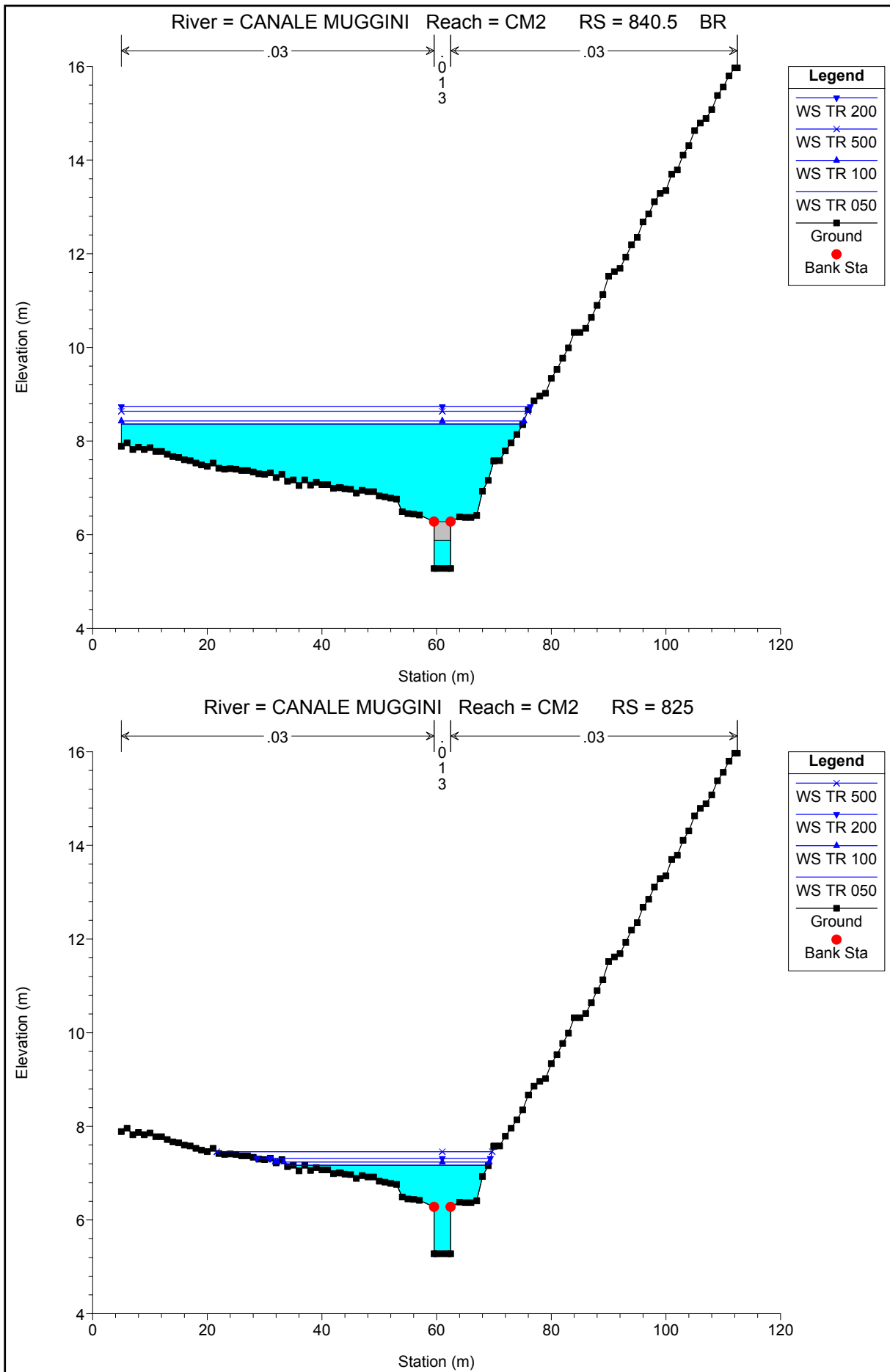


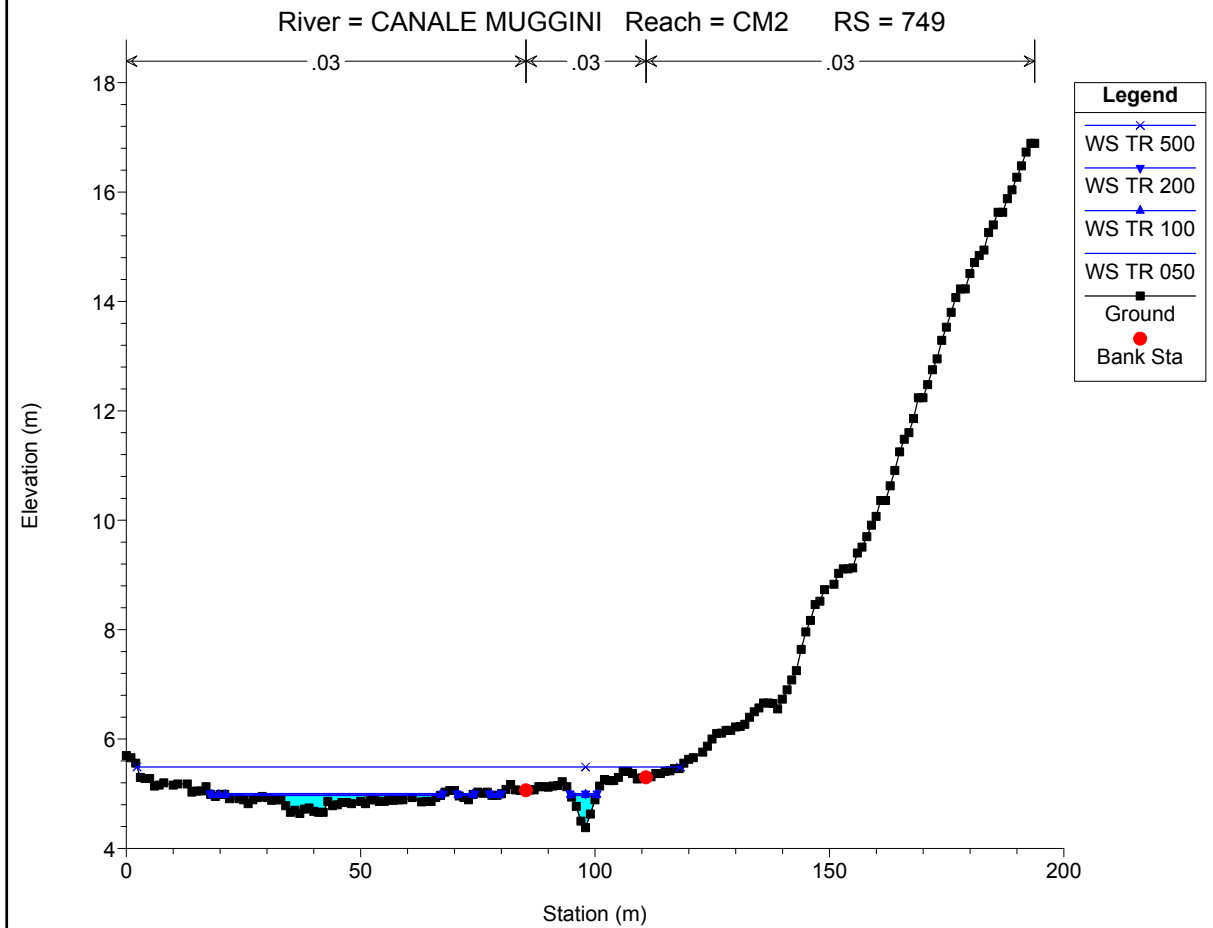
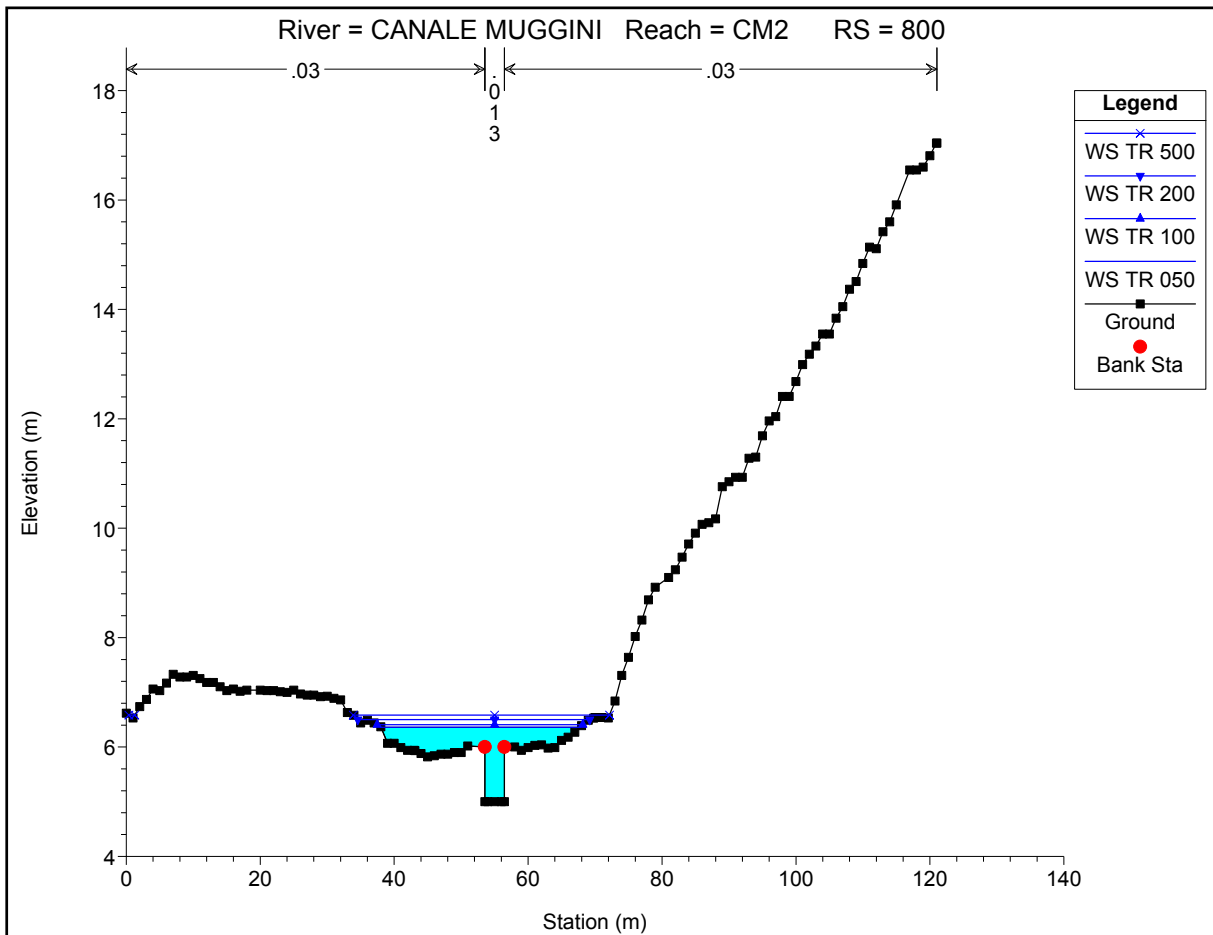


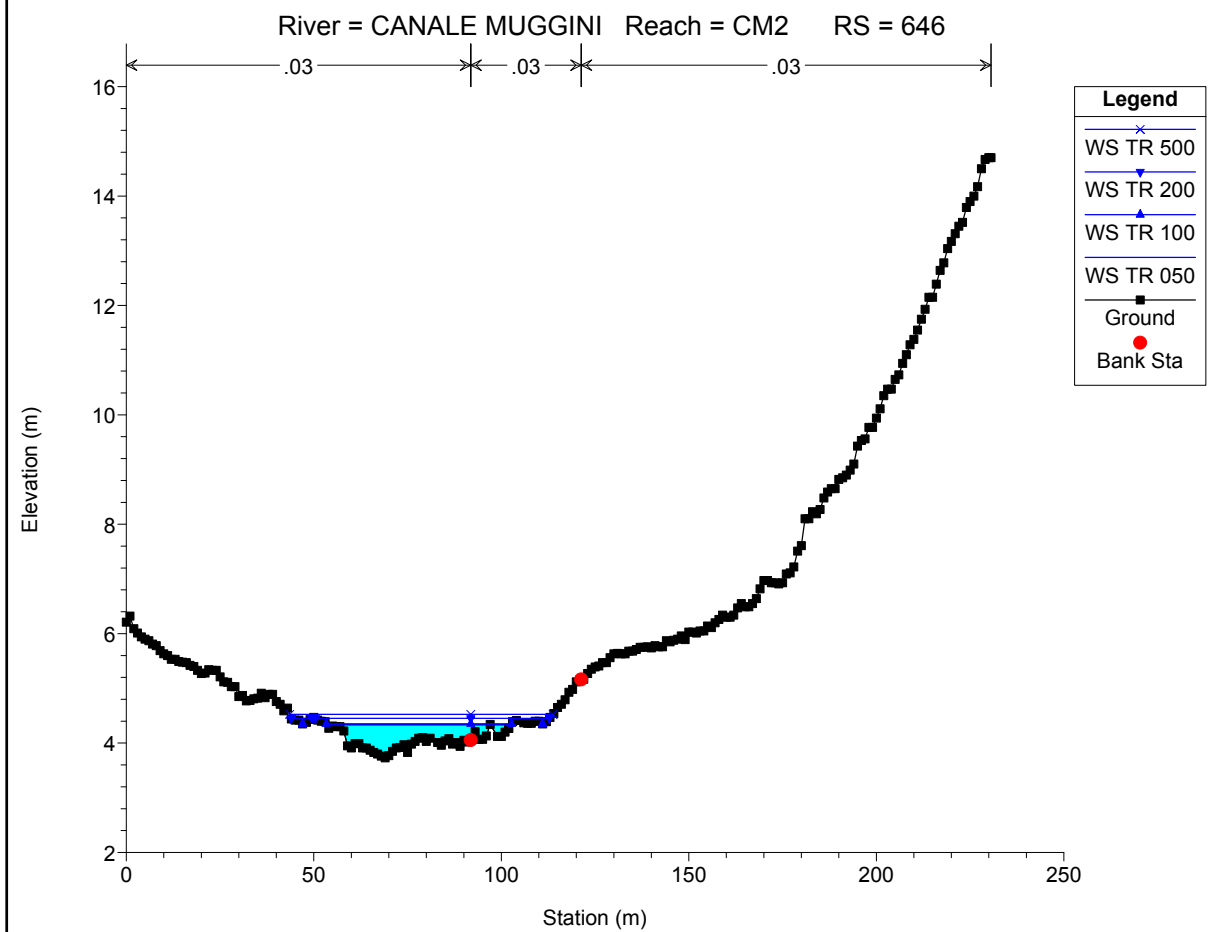
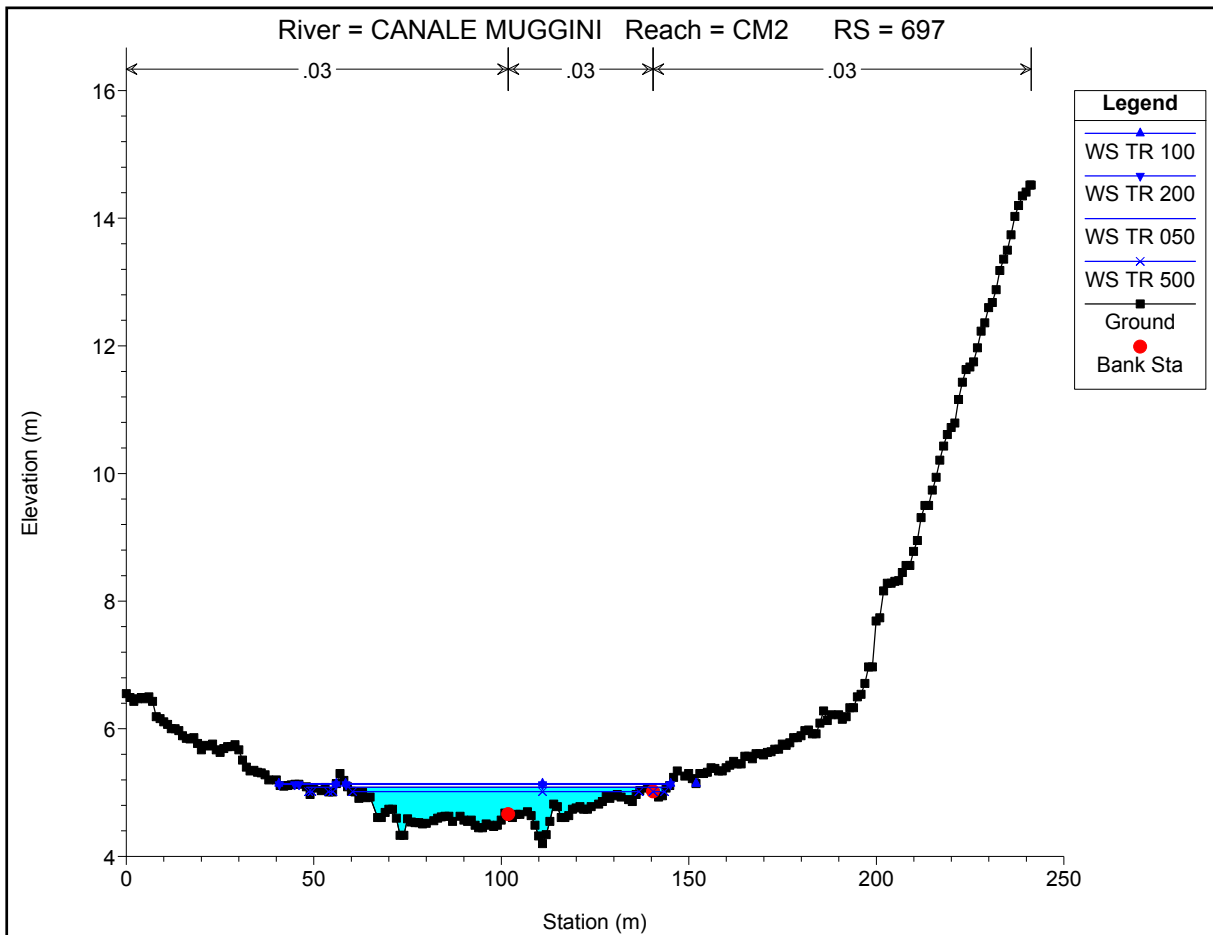


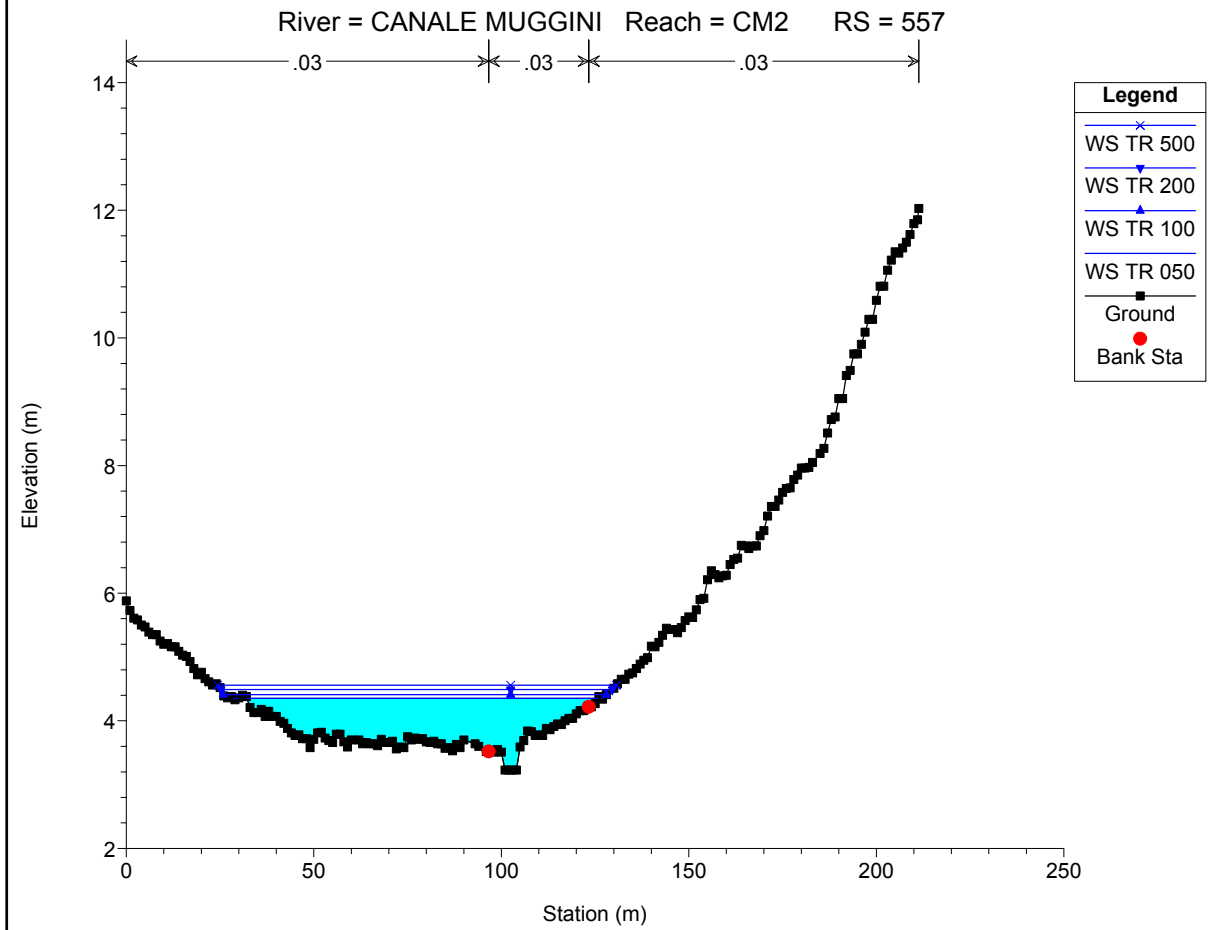
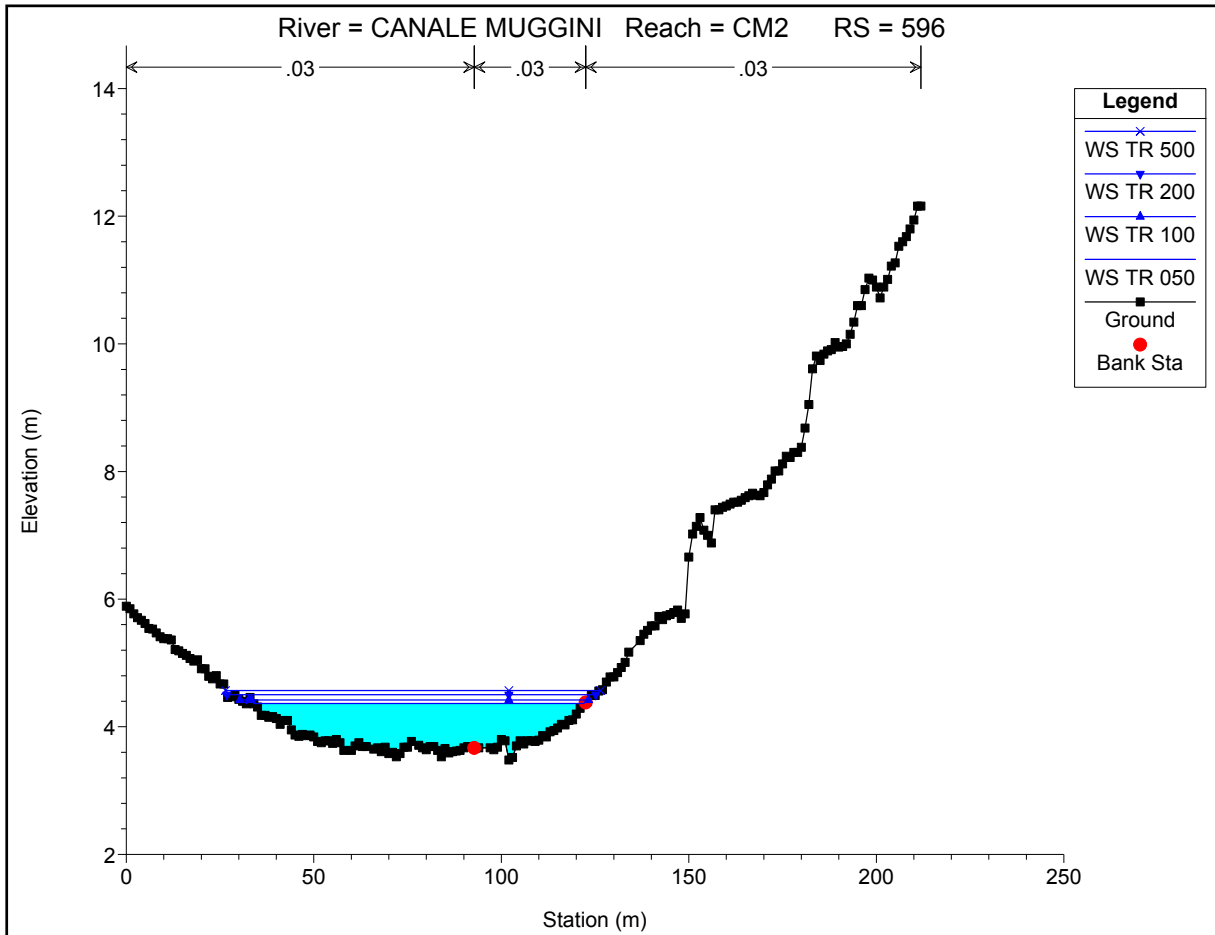


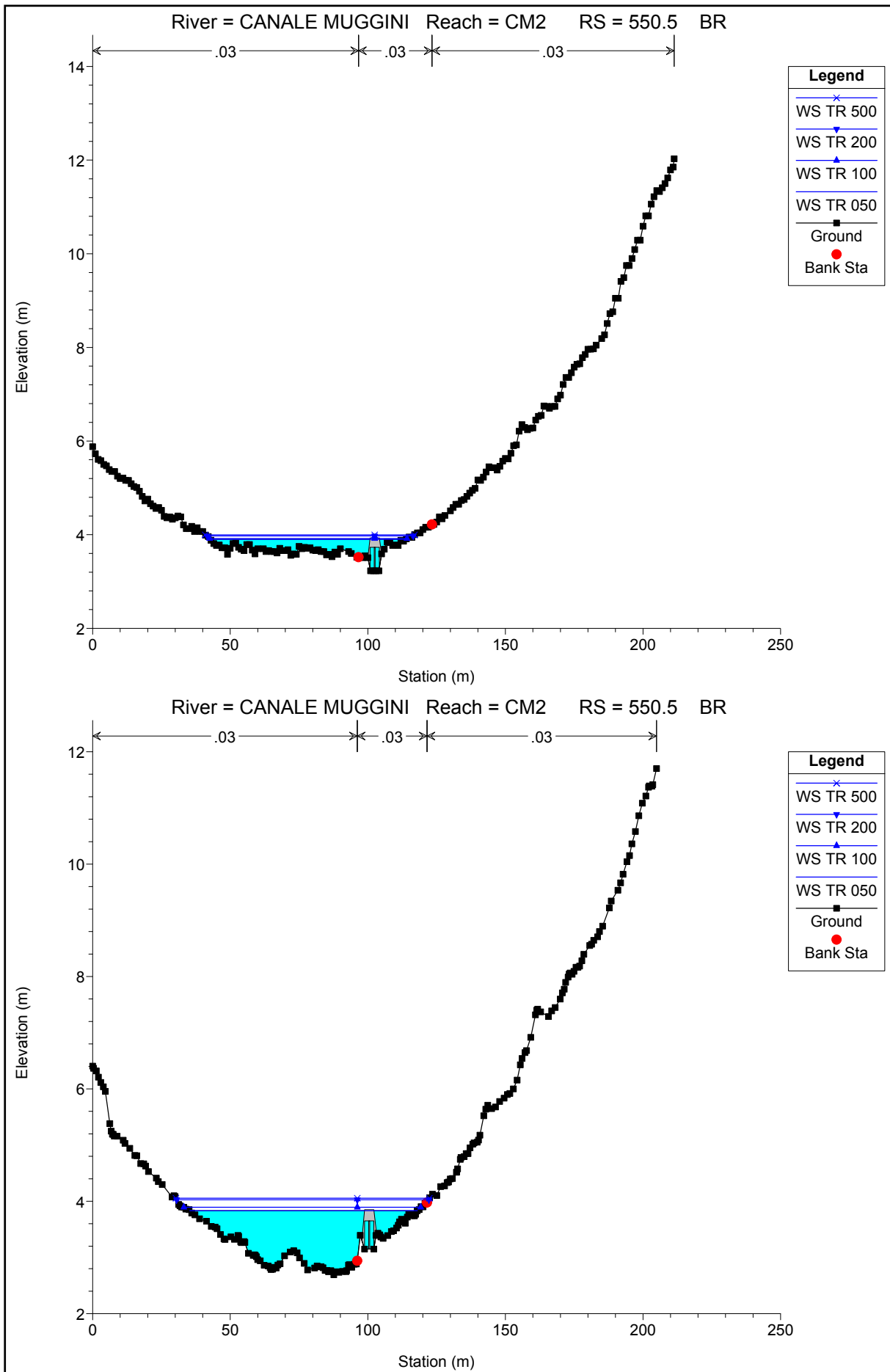


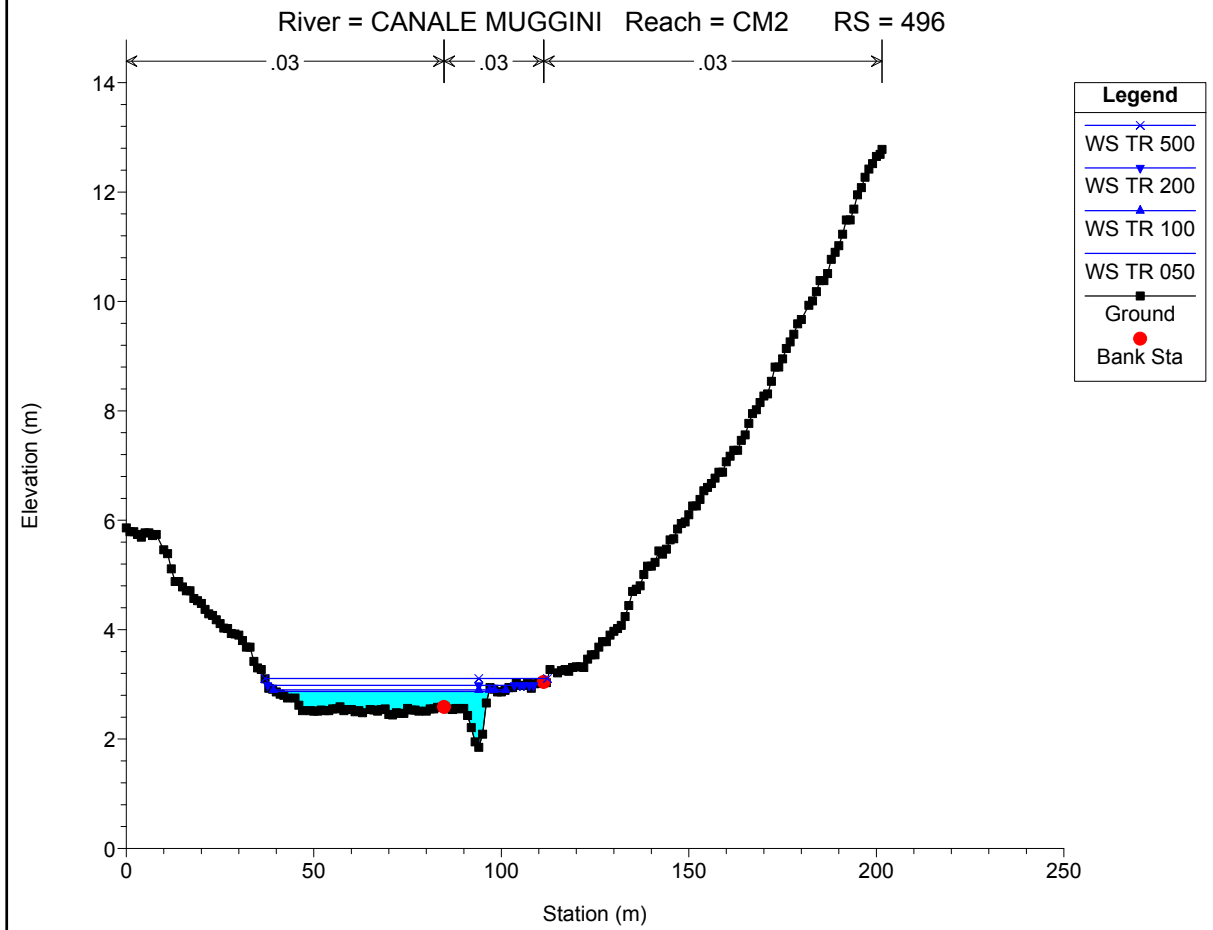
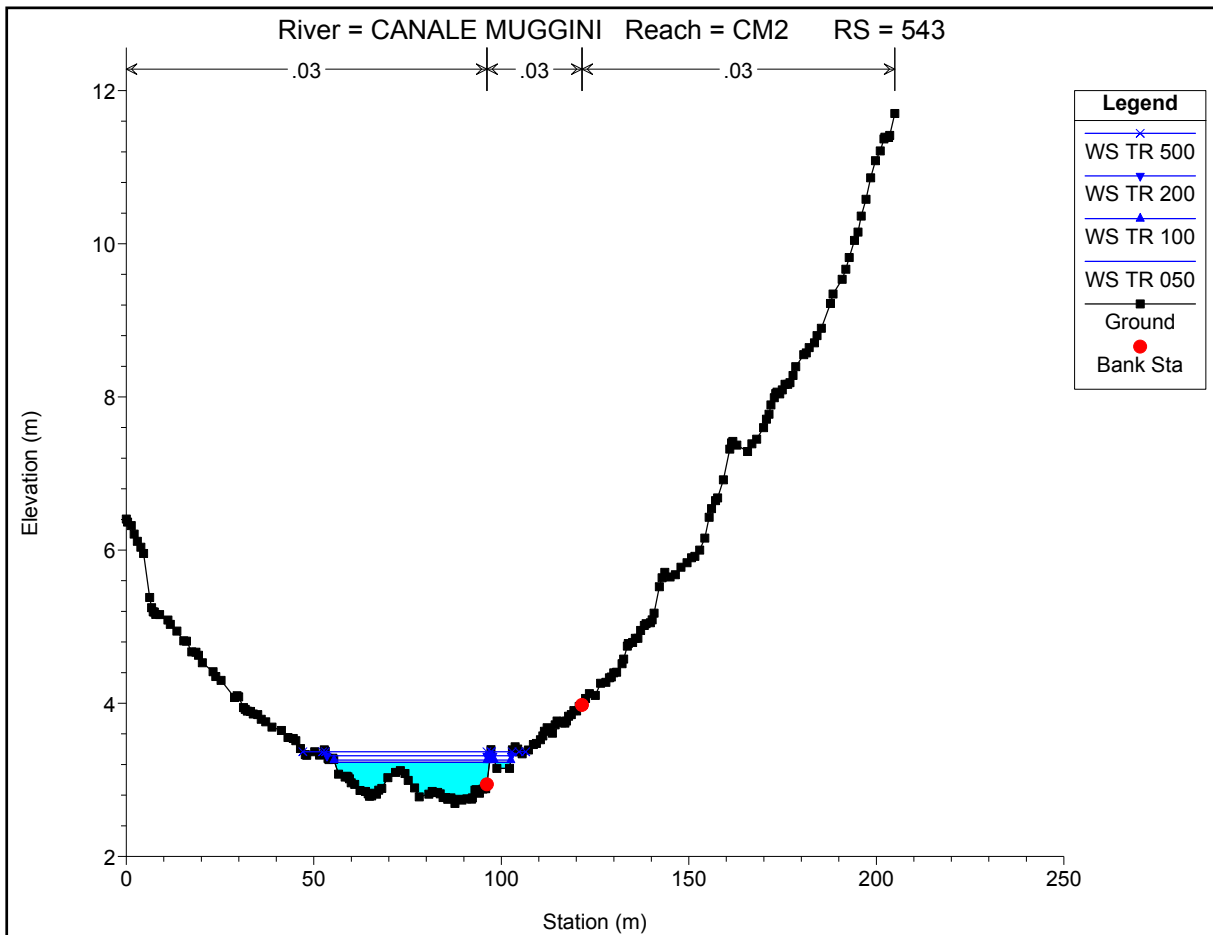


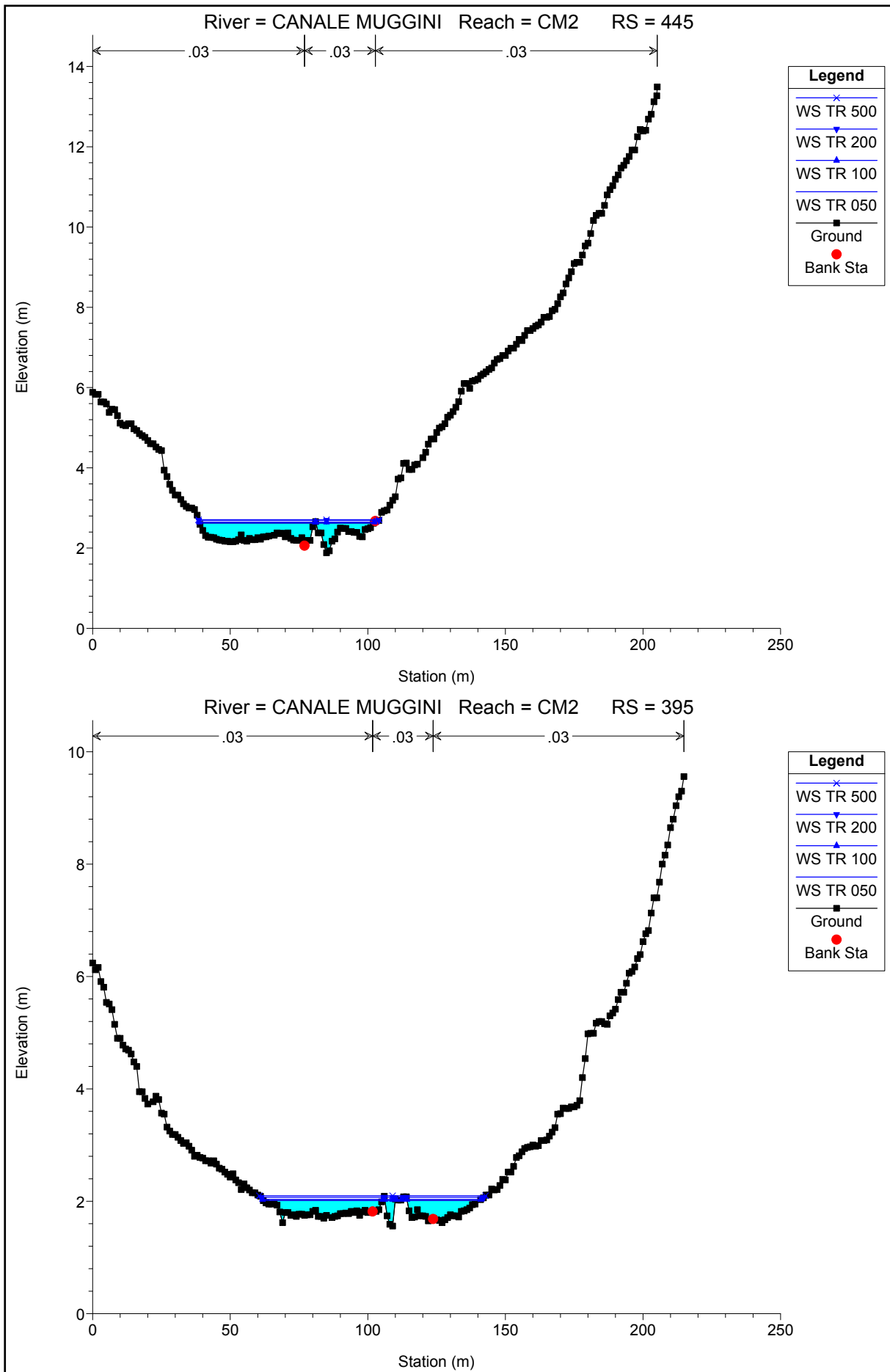


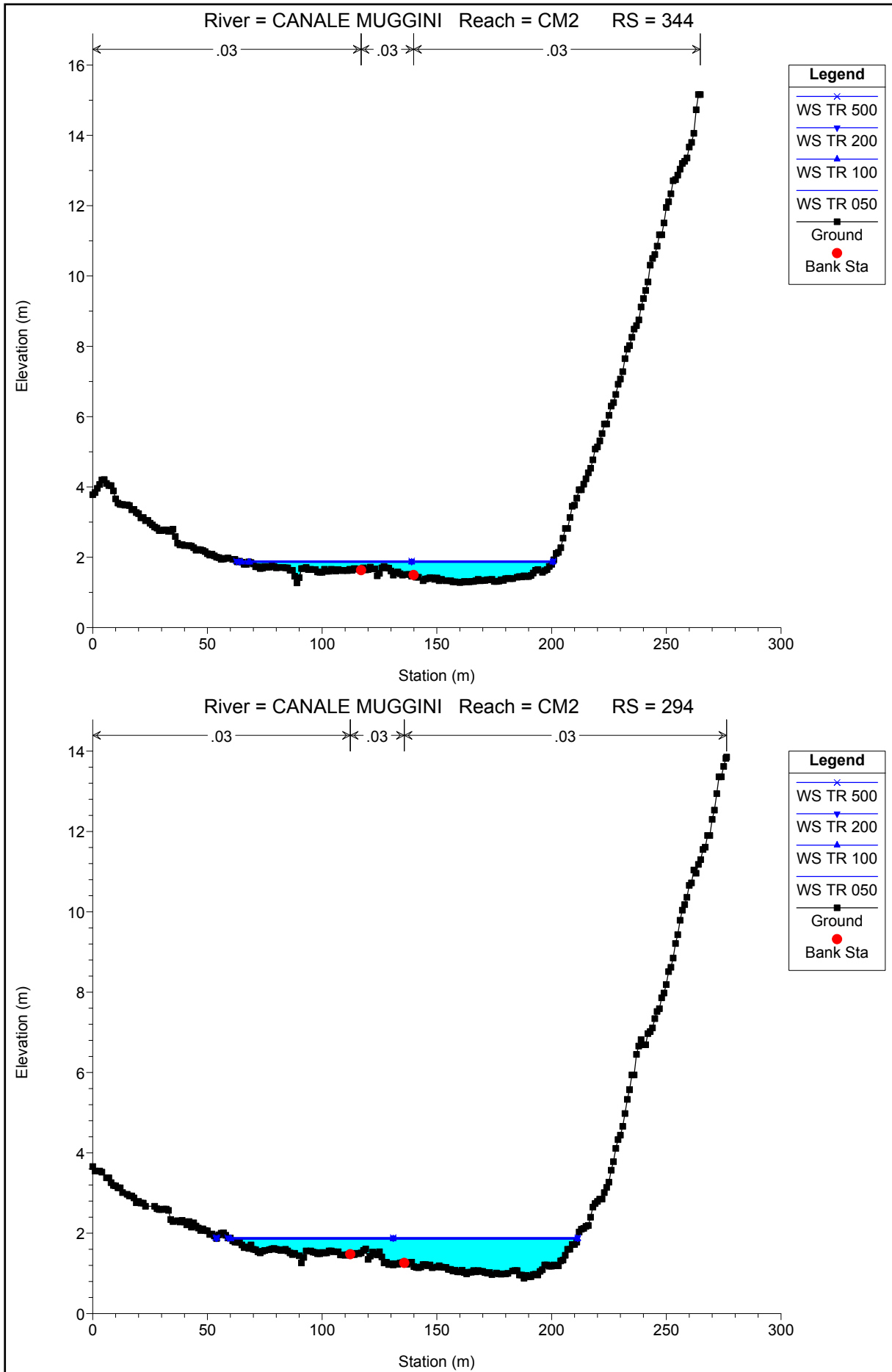


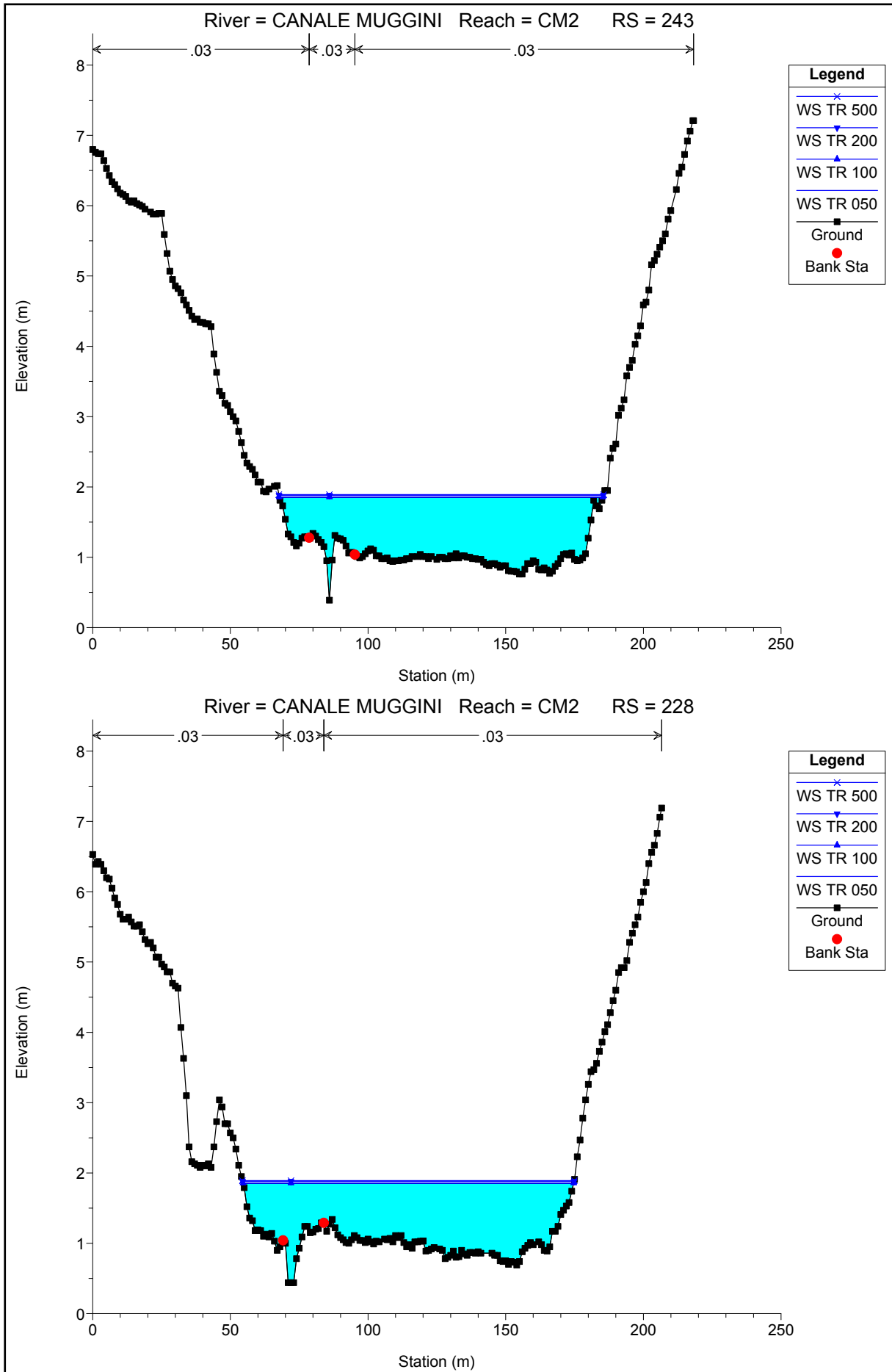


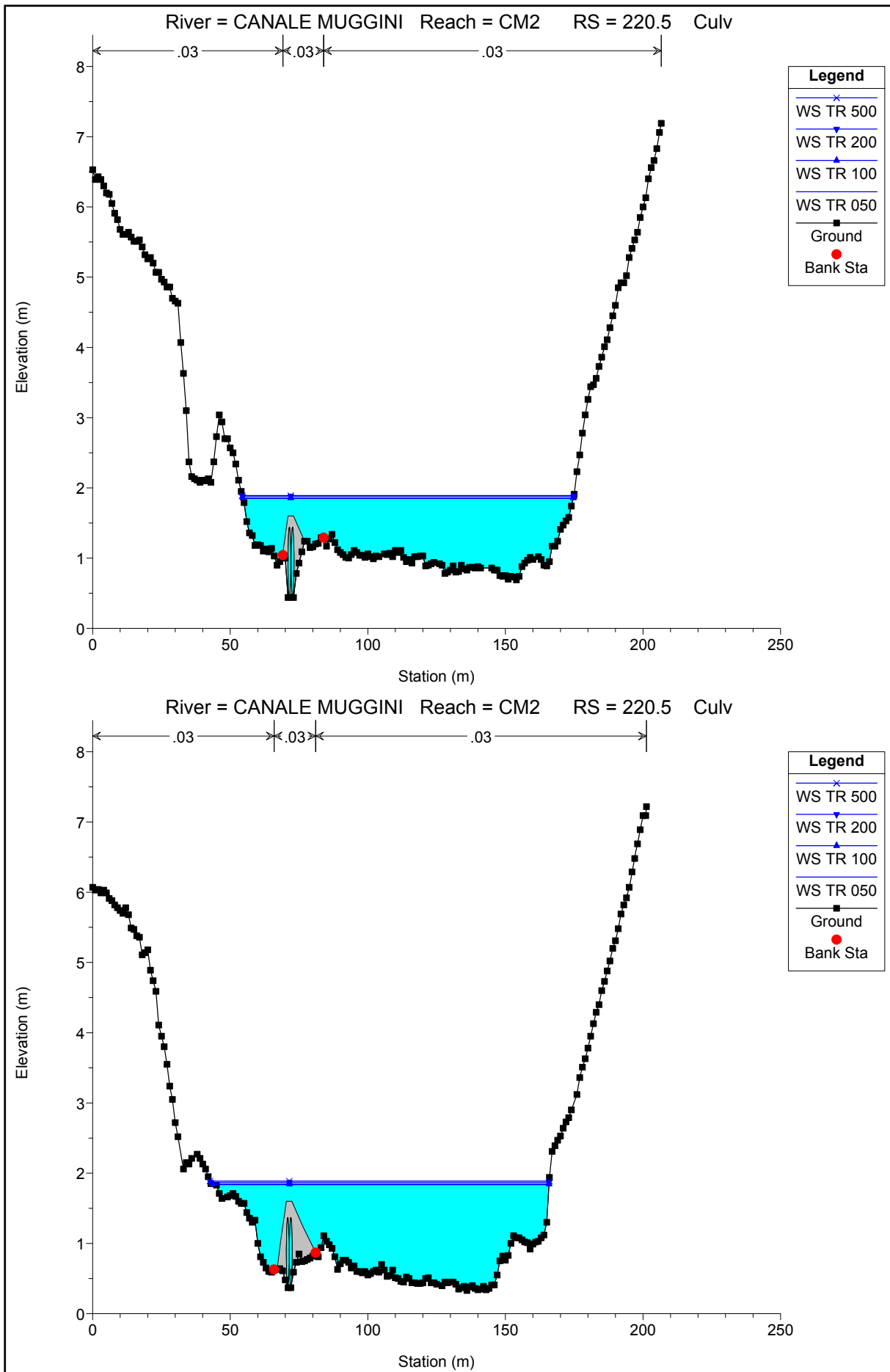


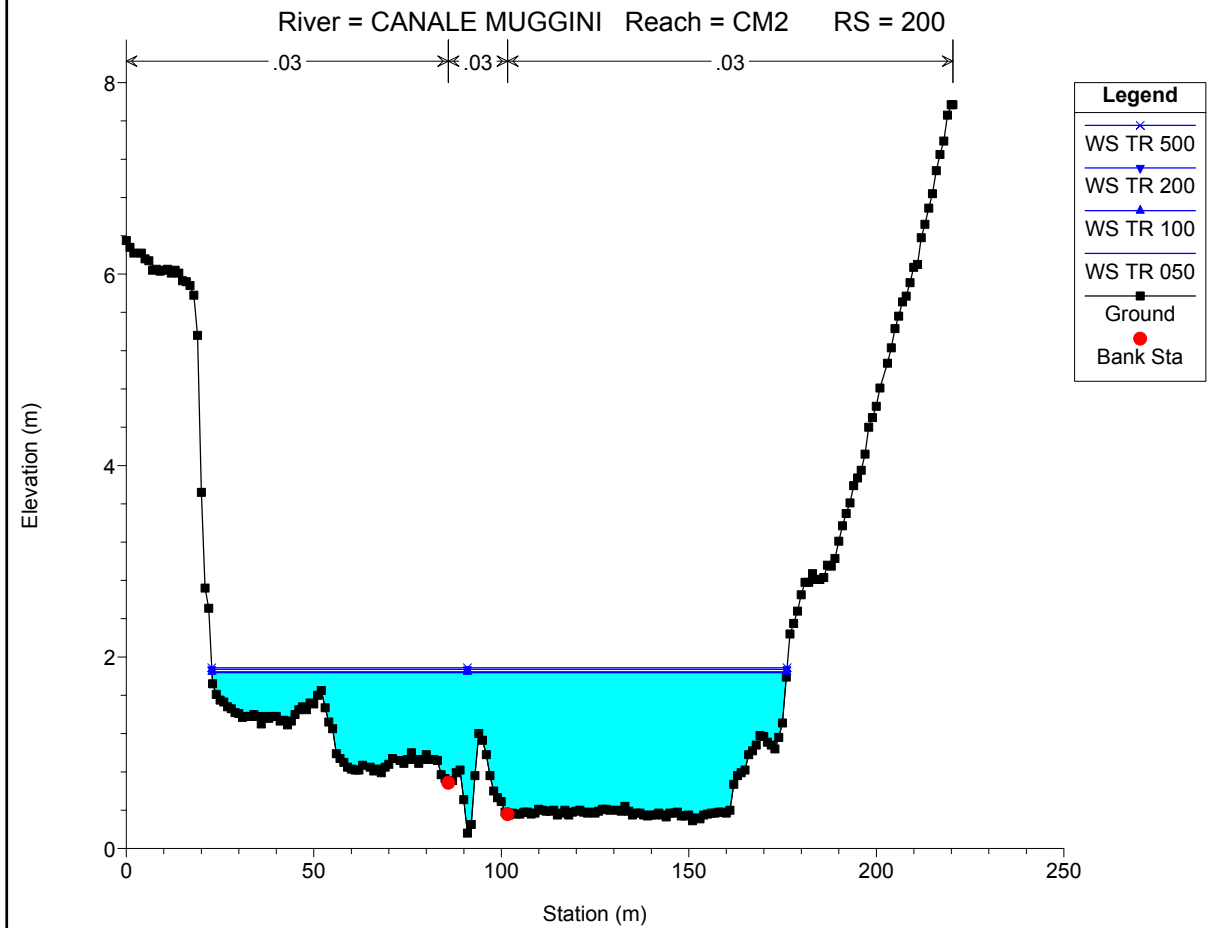
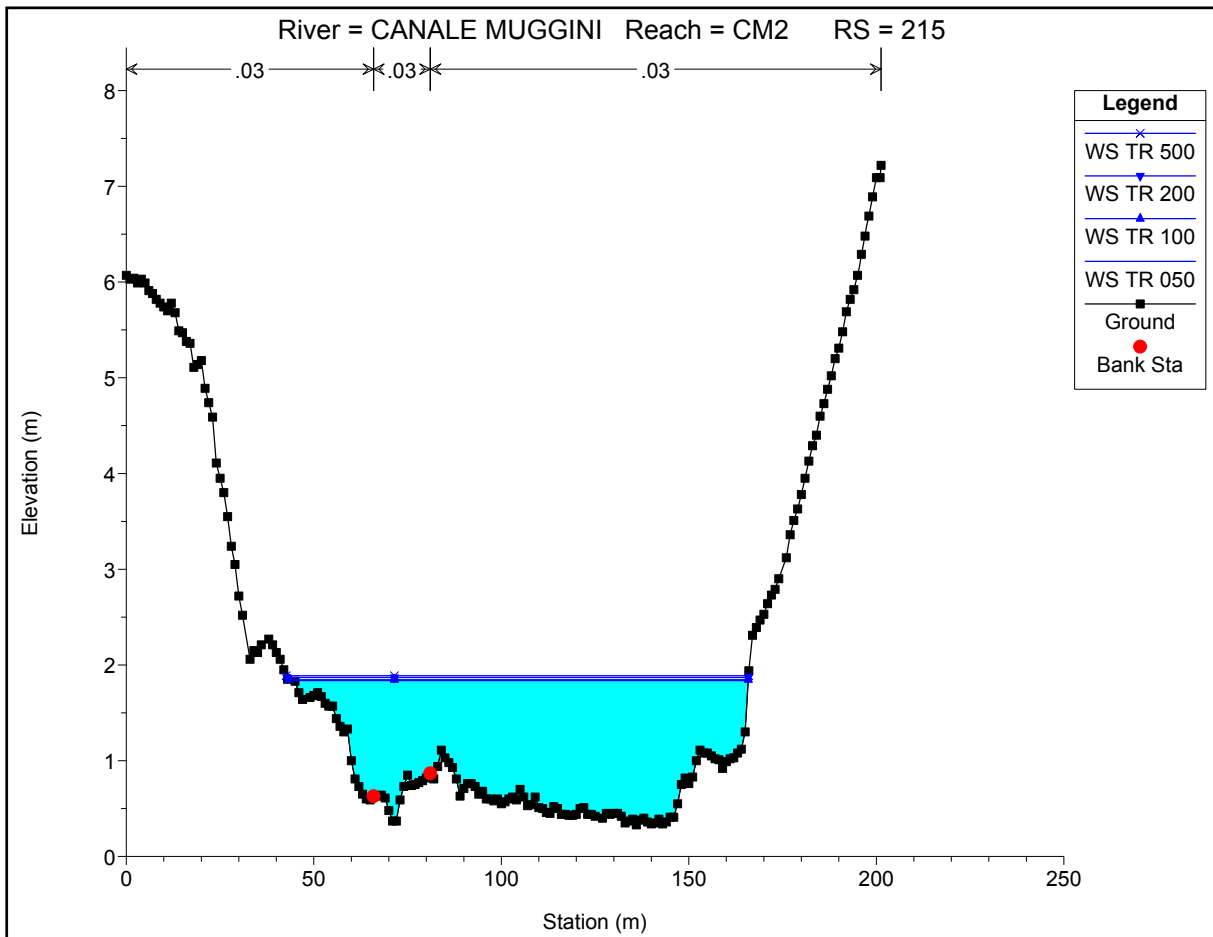


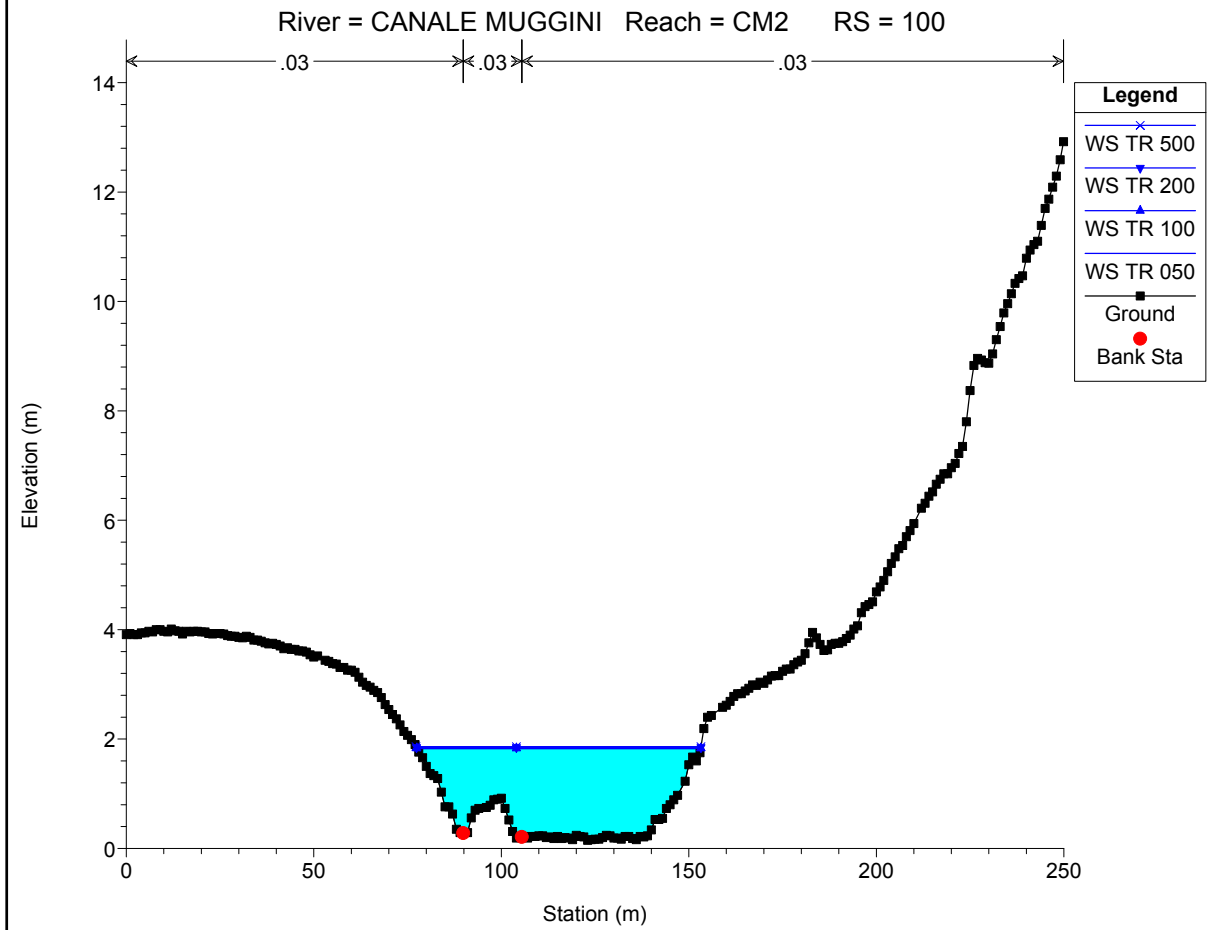
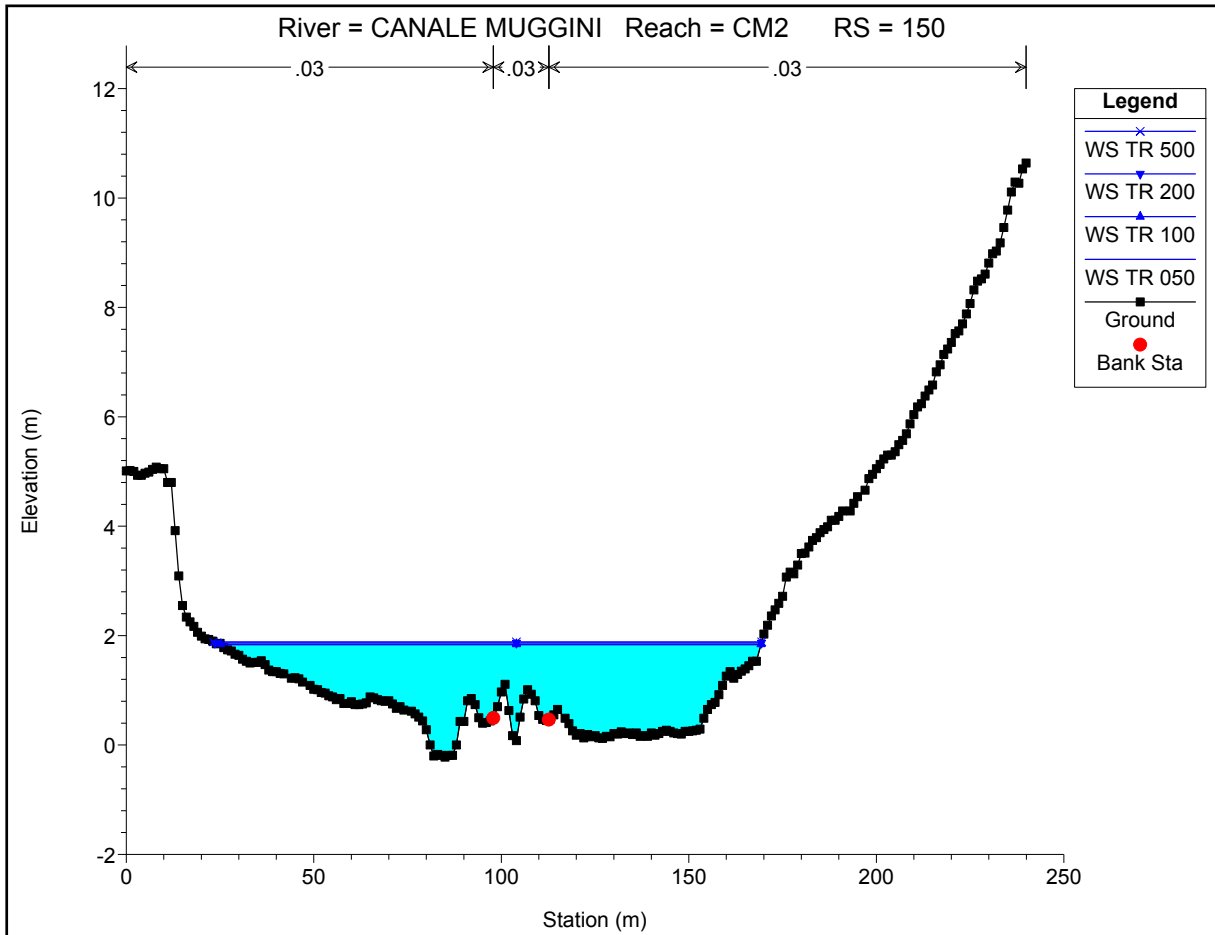


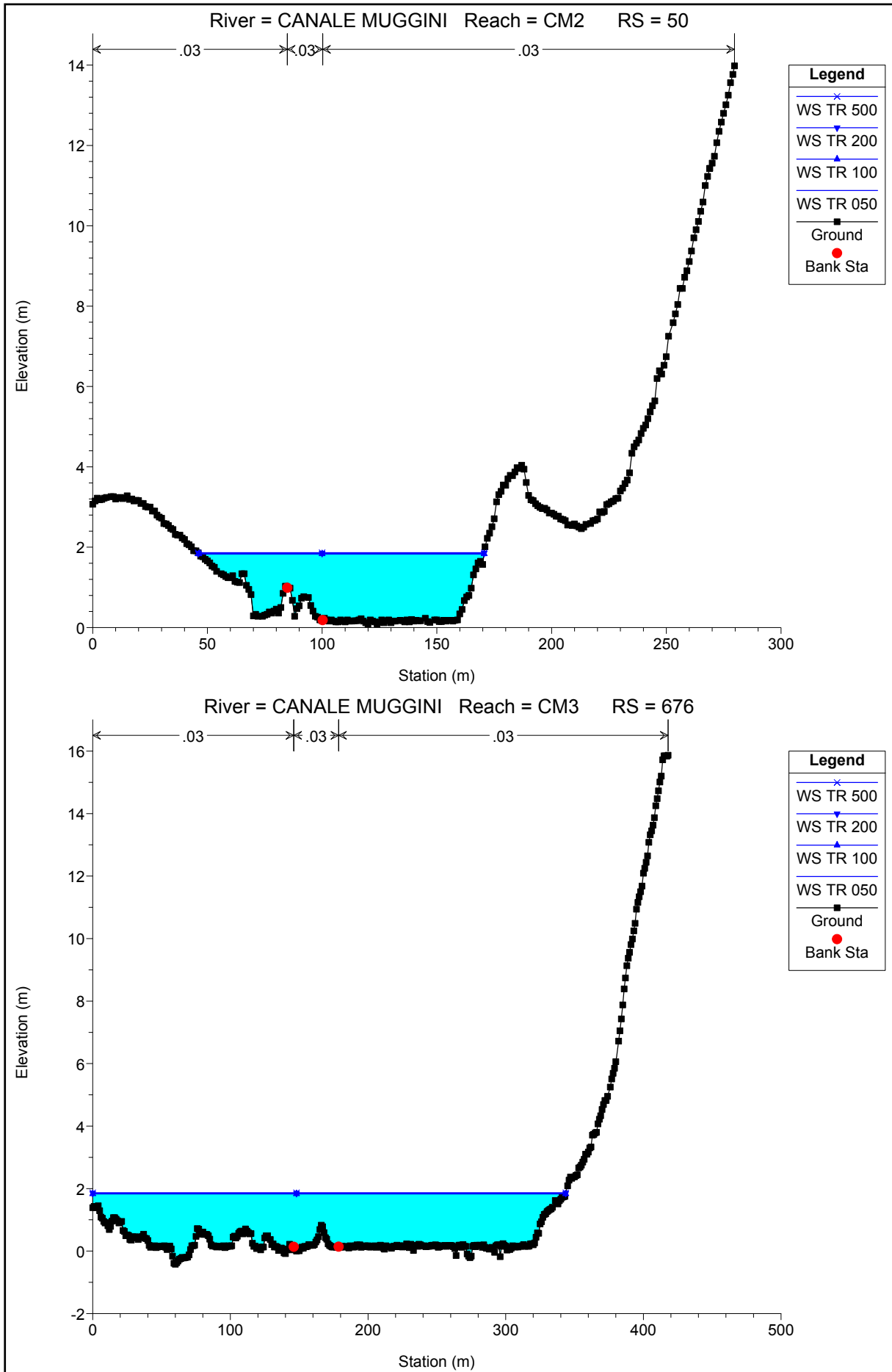


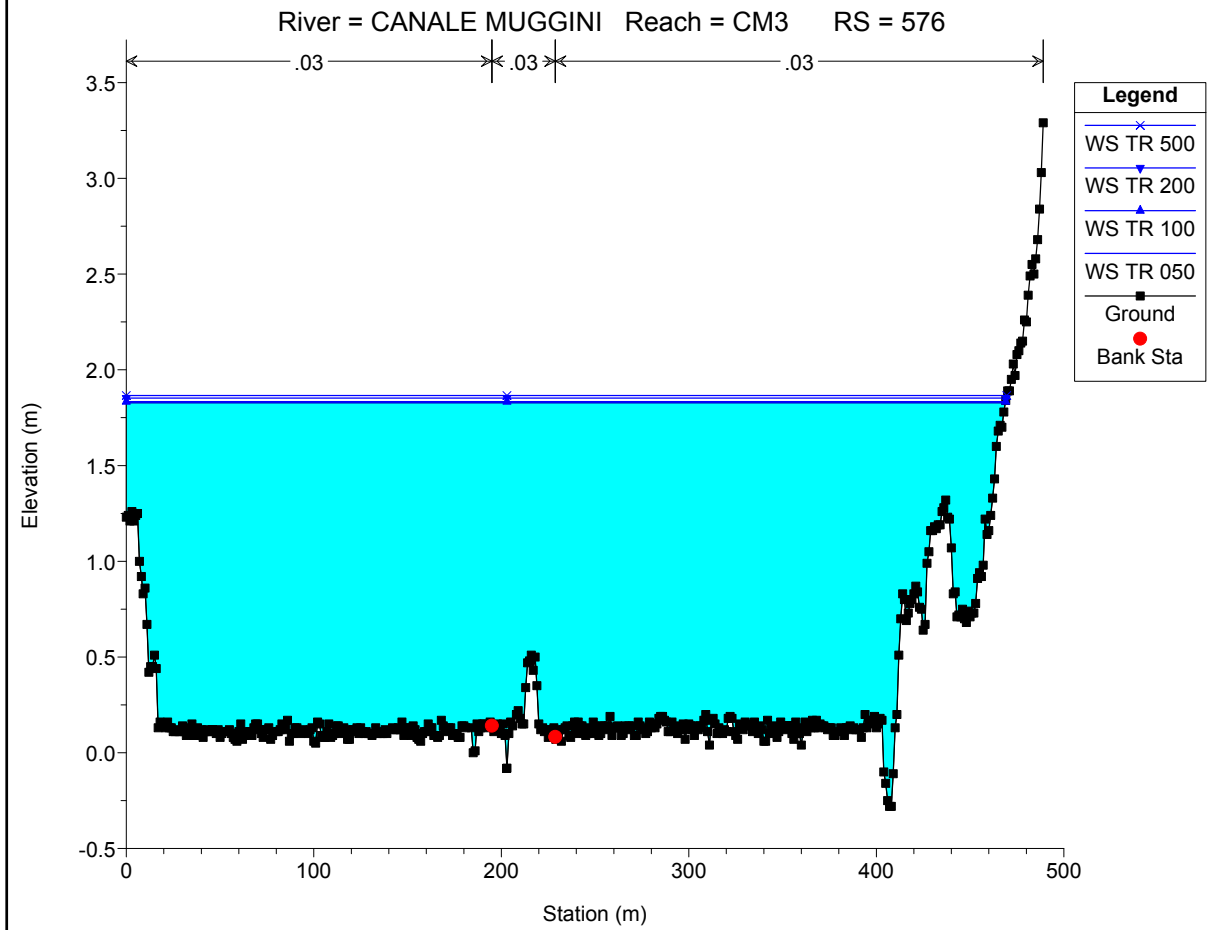
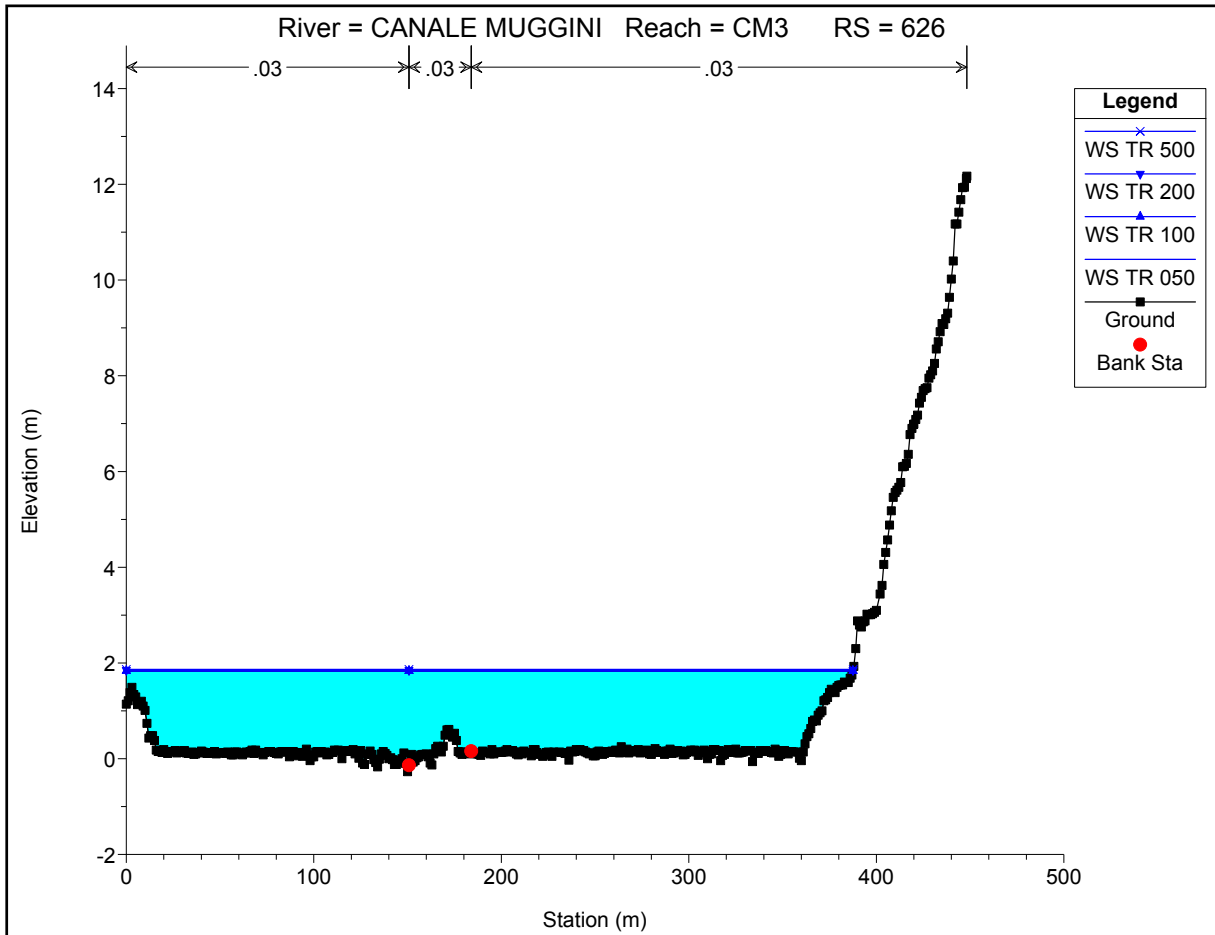


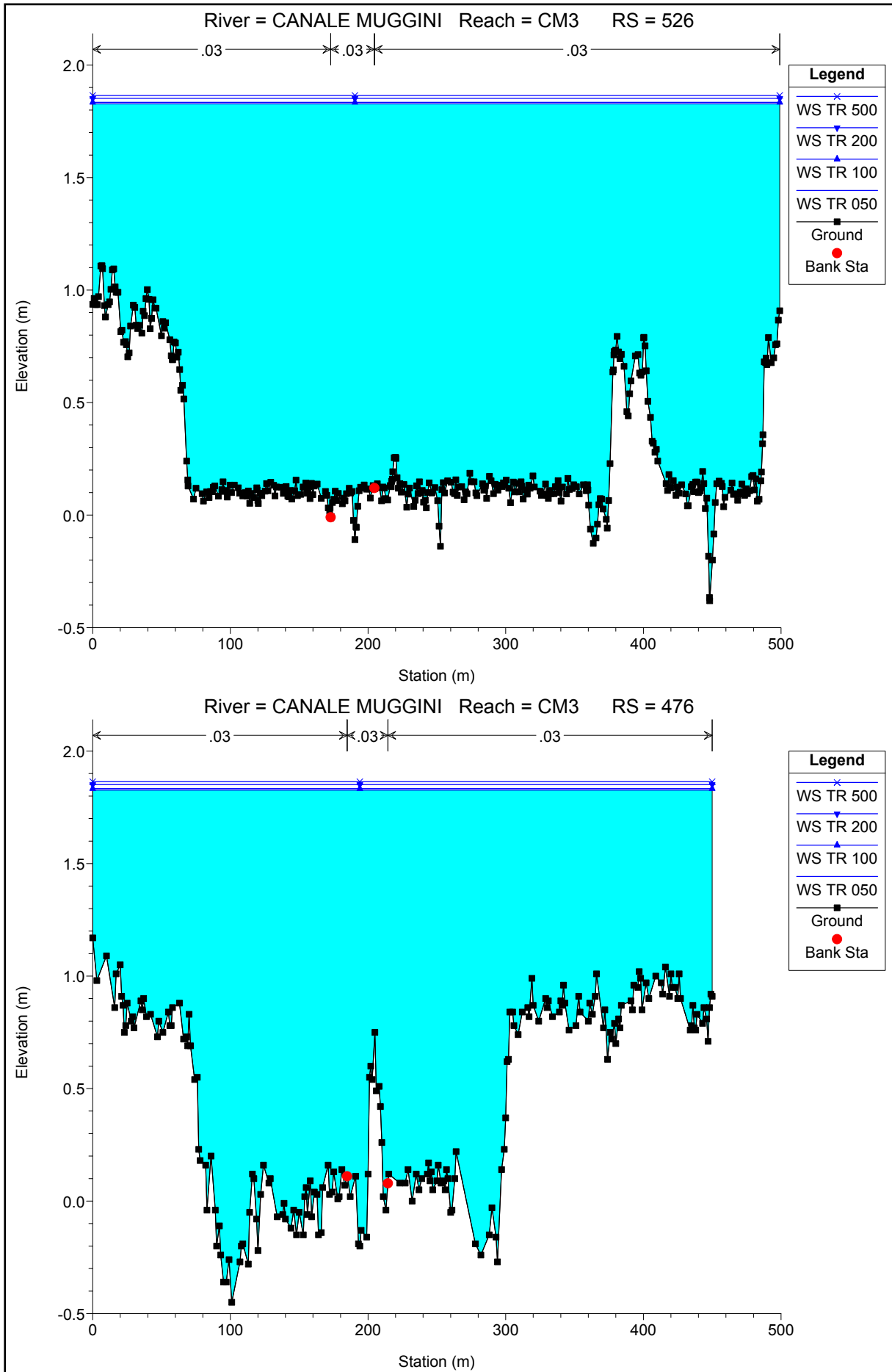


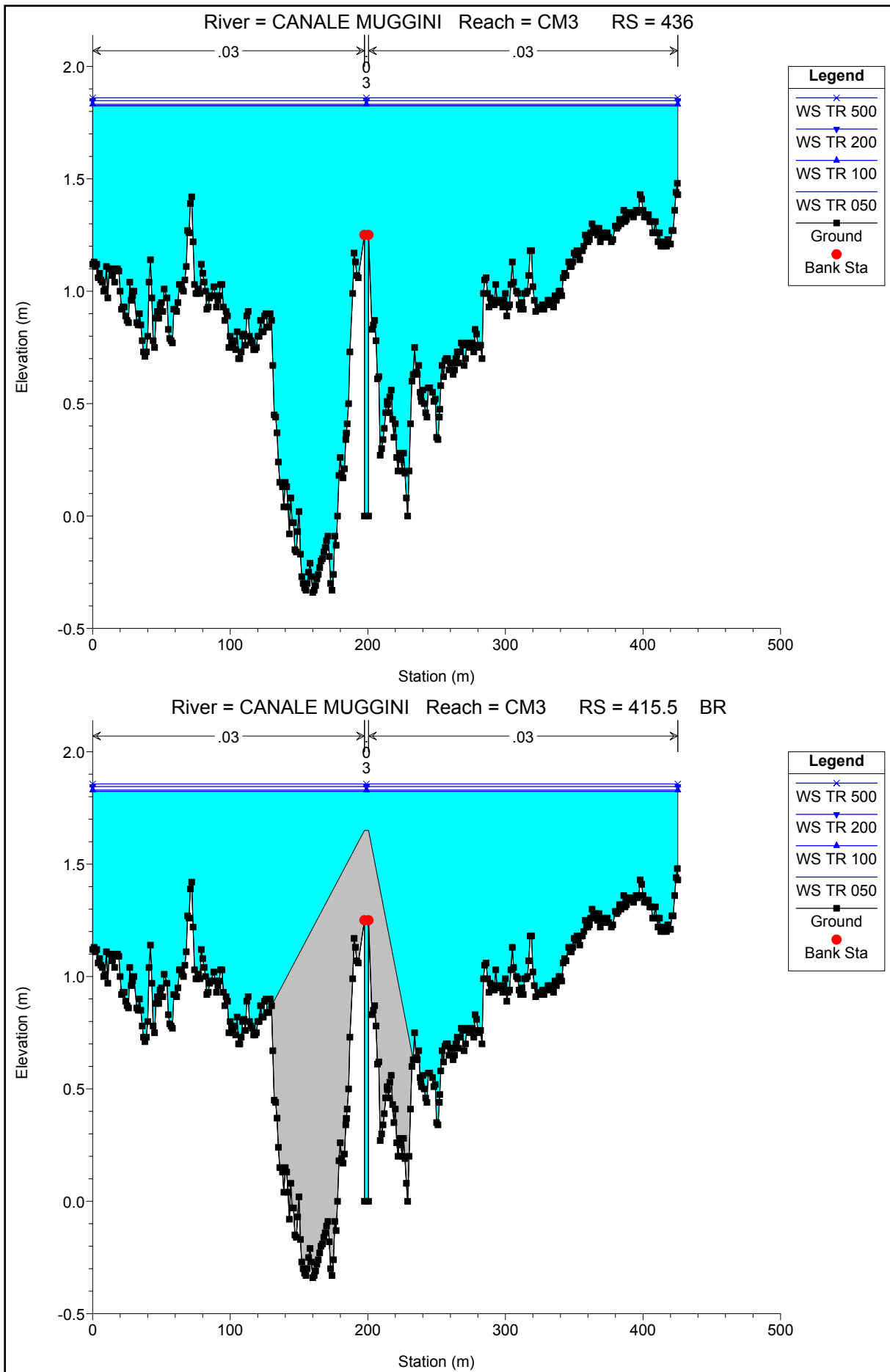


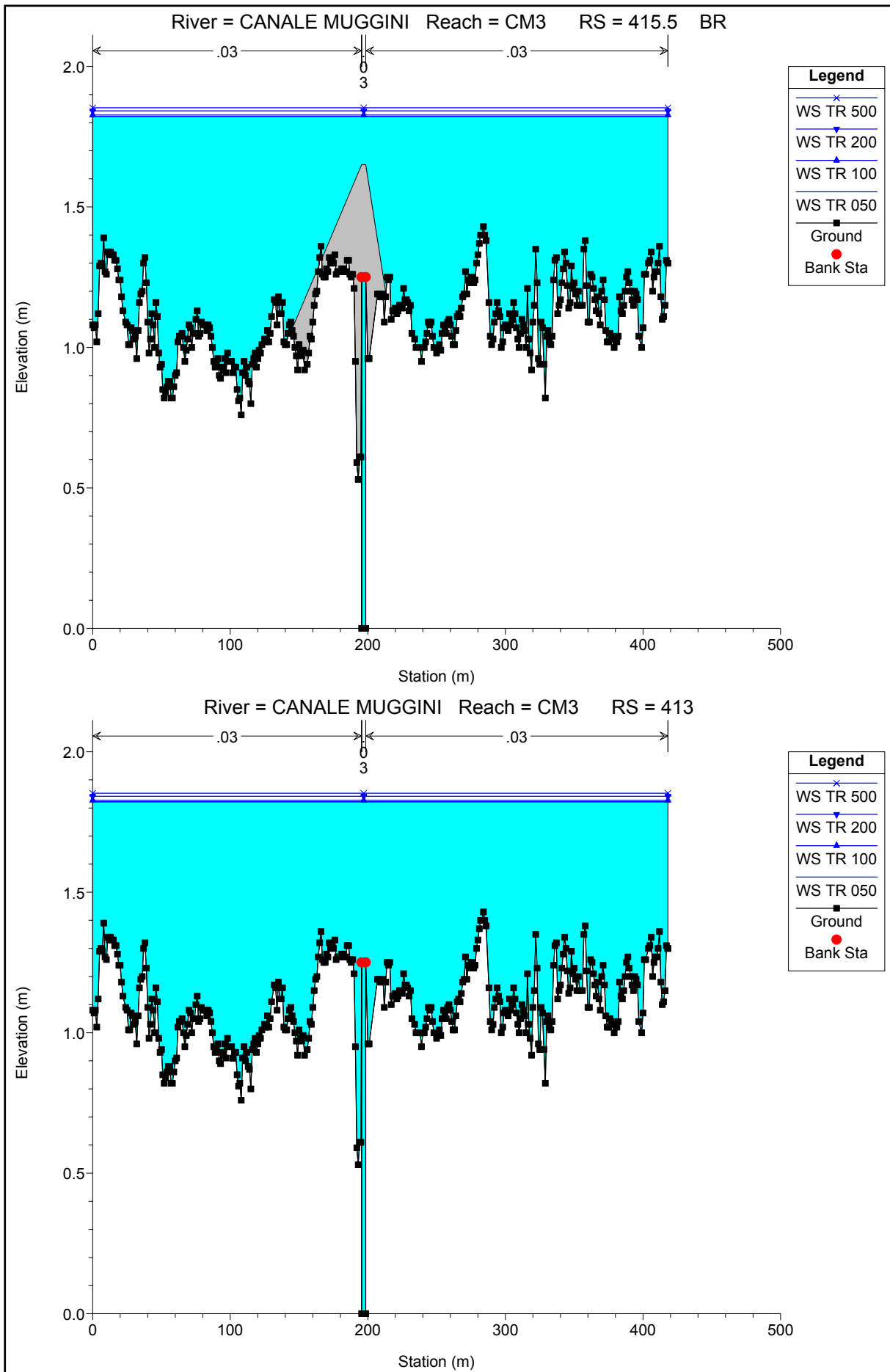


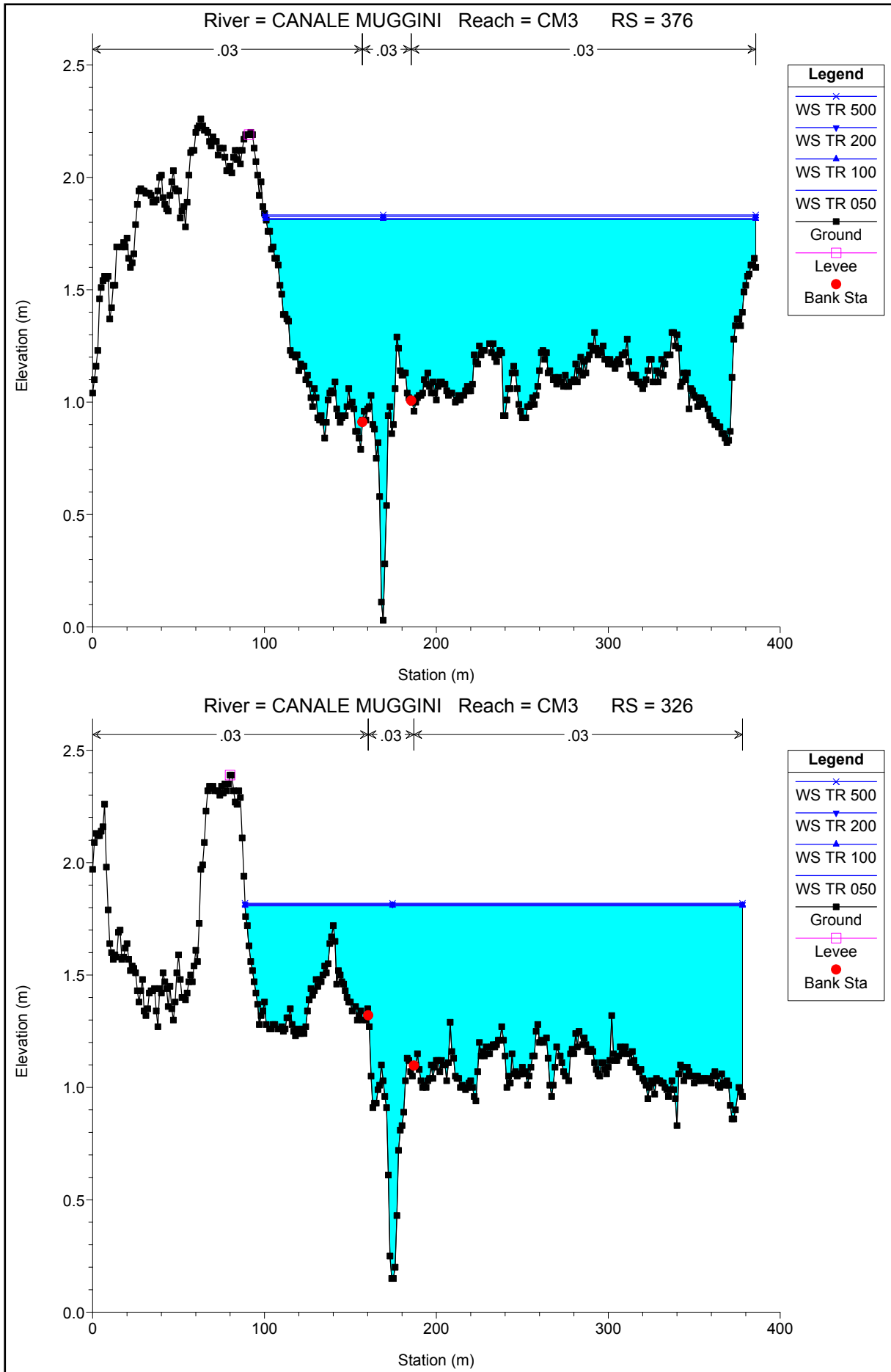


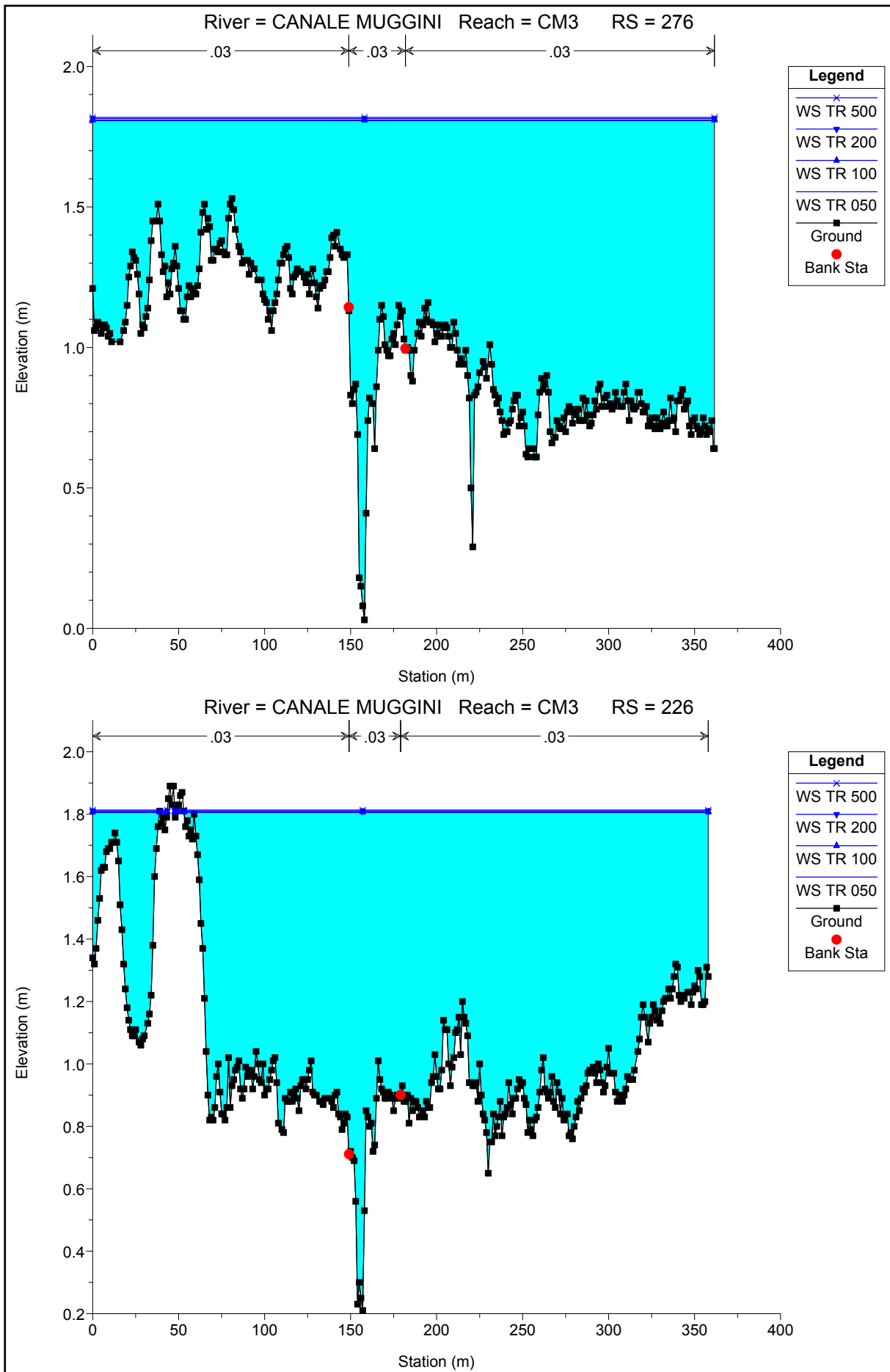


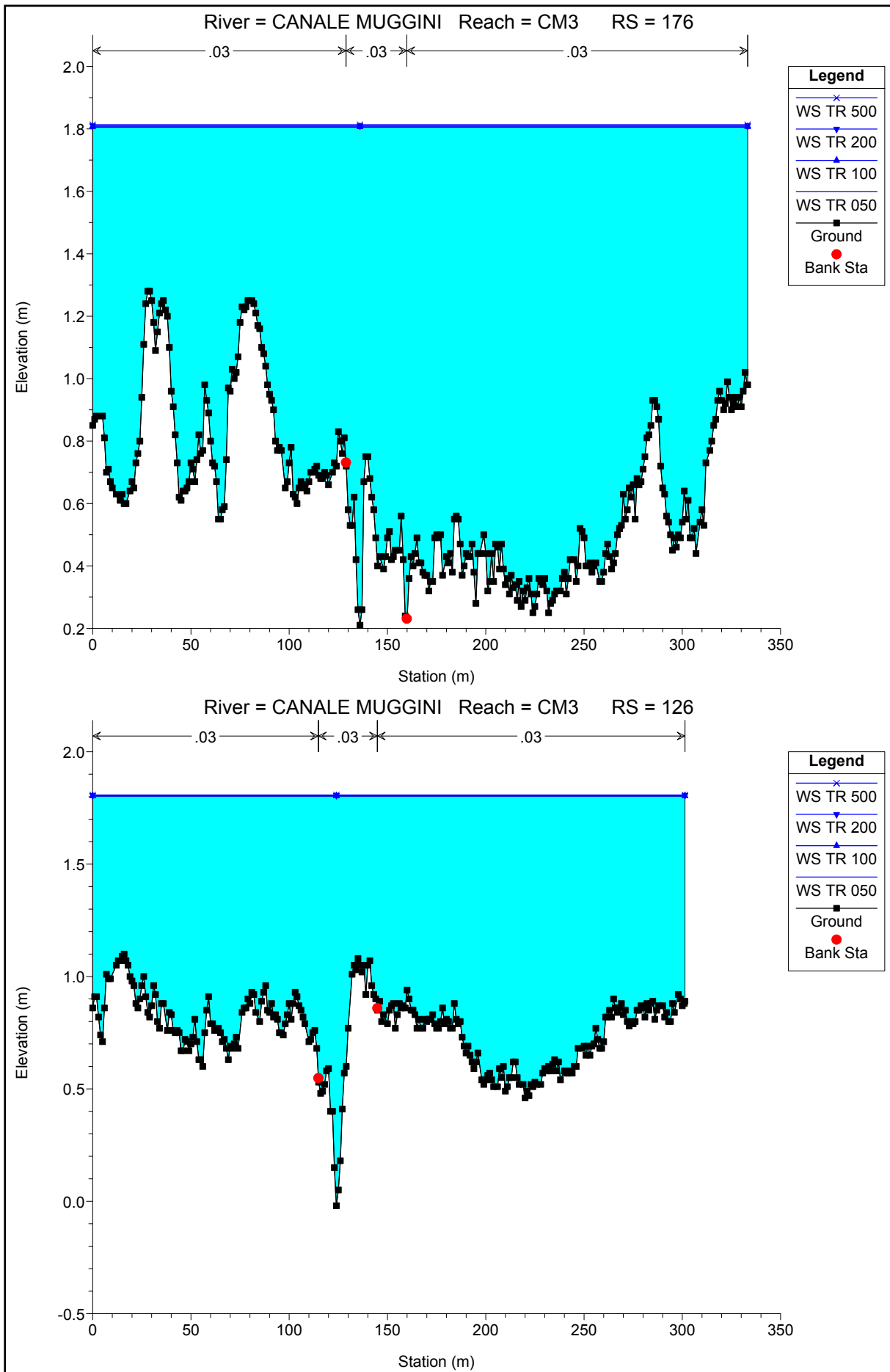


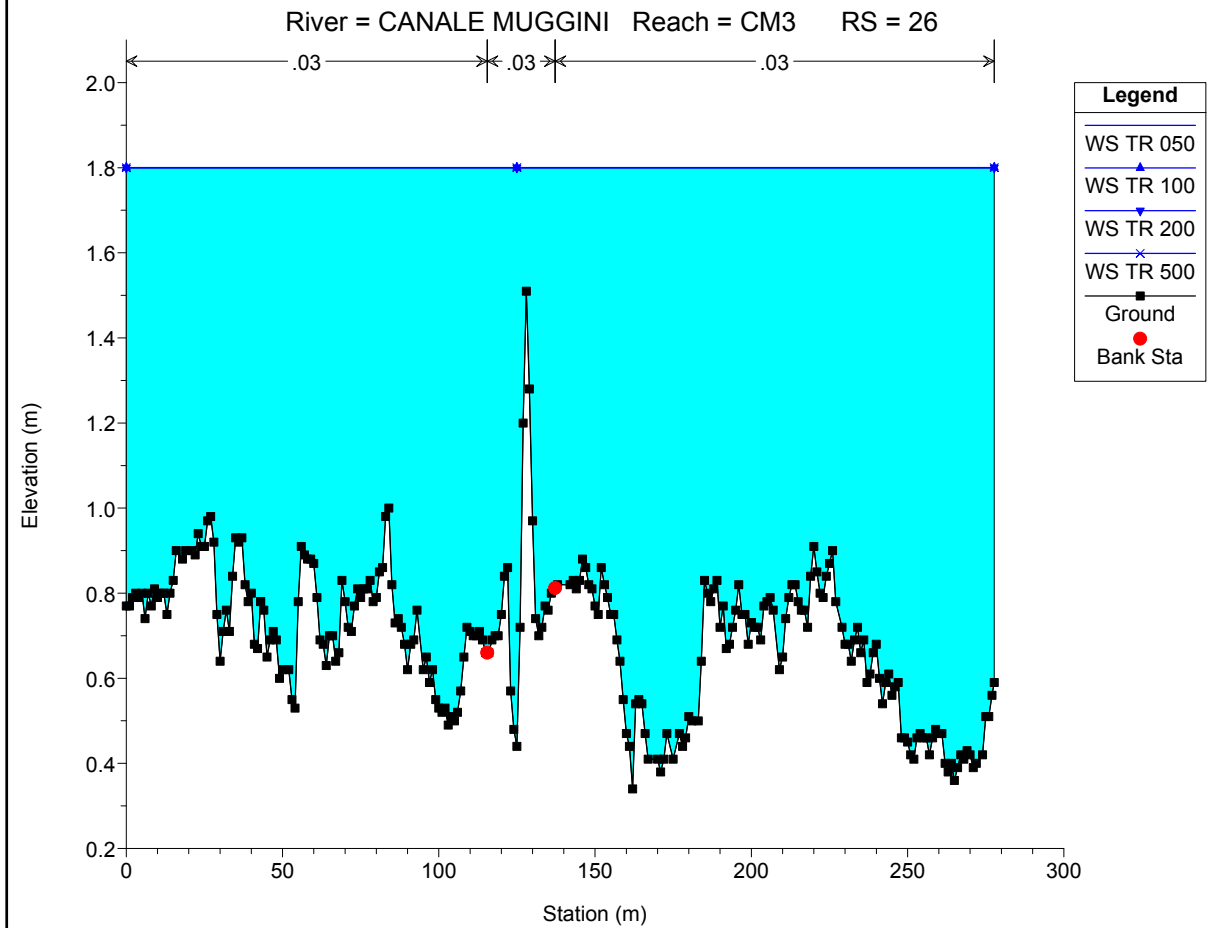
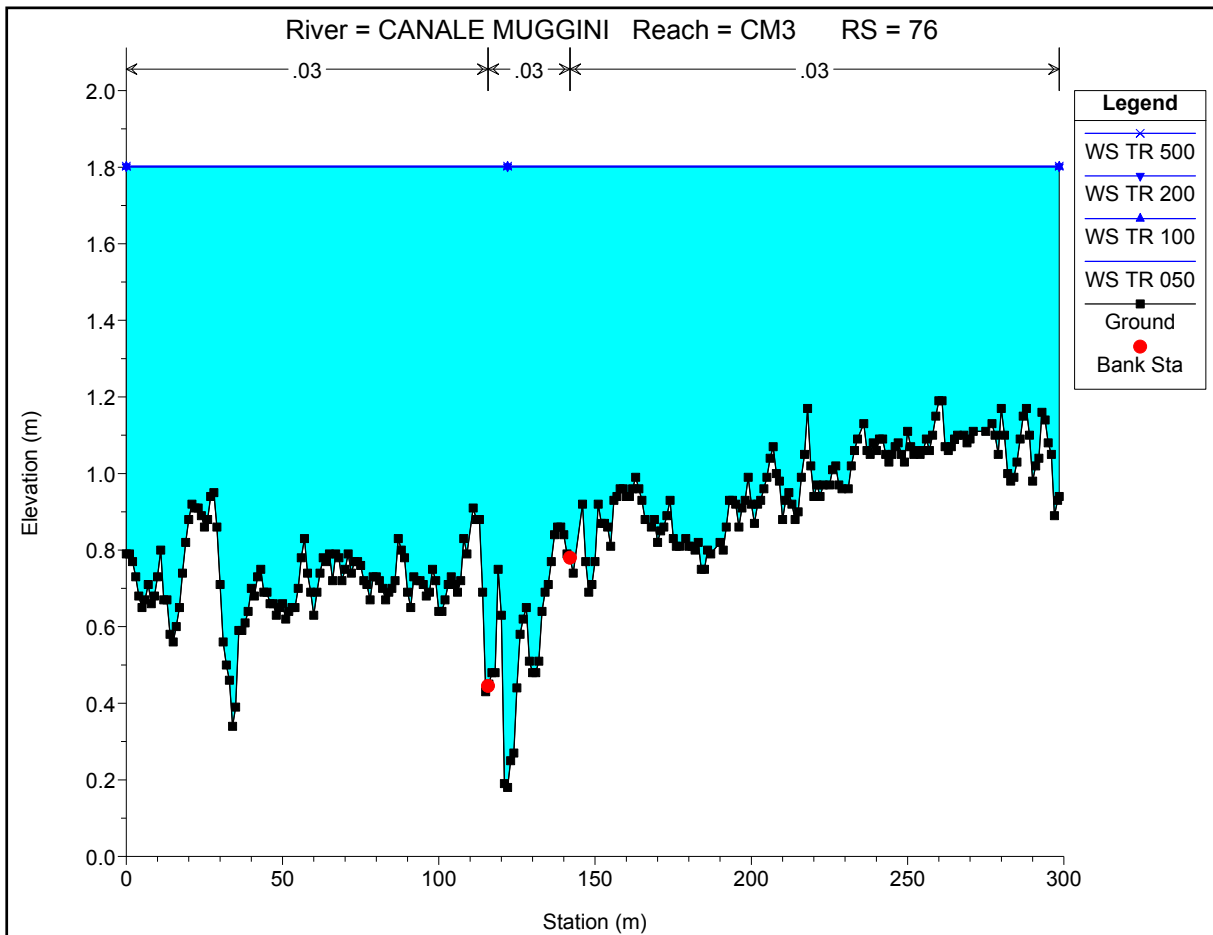












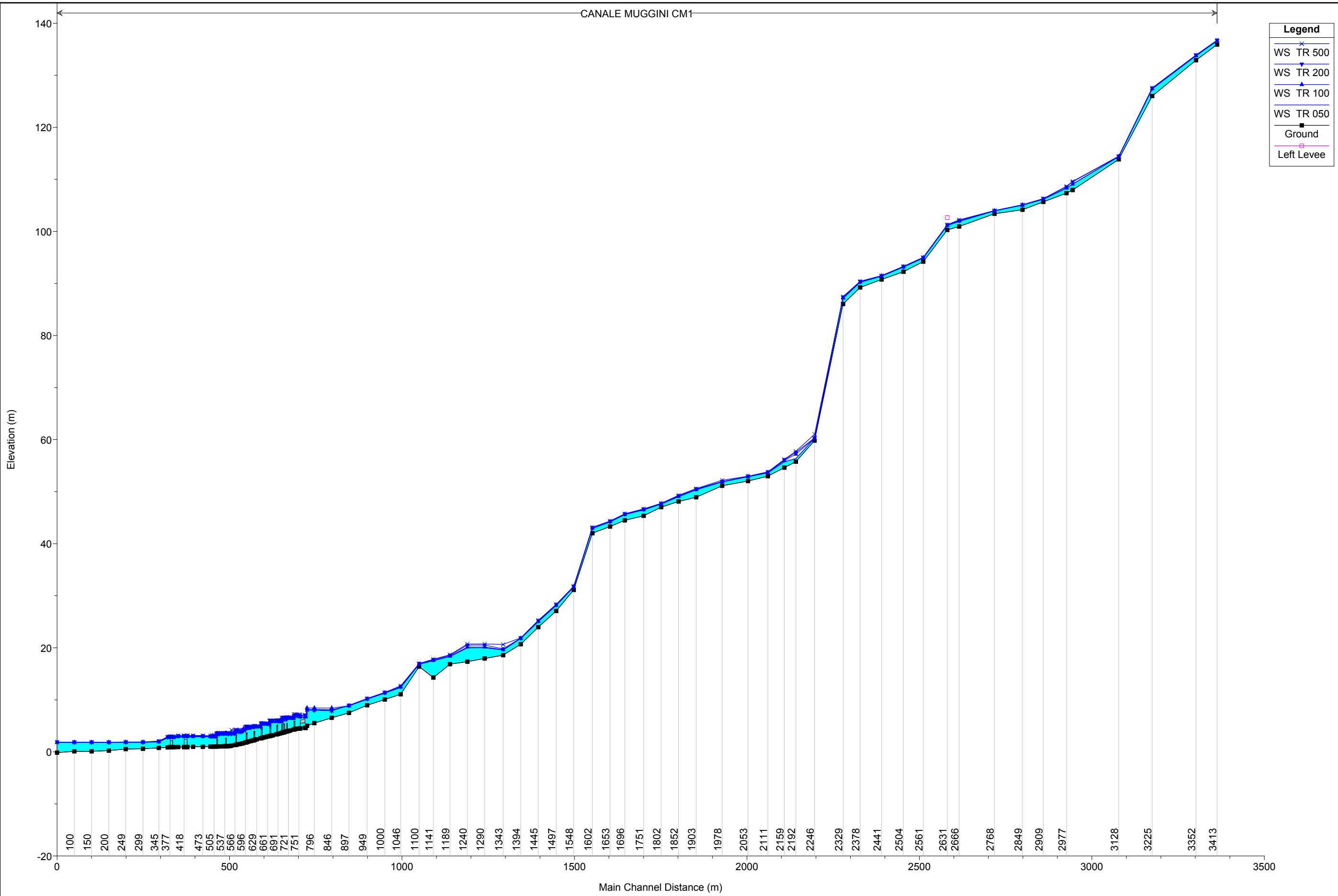
A48.DOC. 14 - PARTE 2

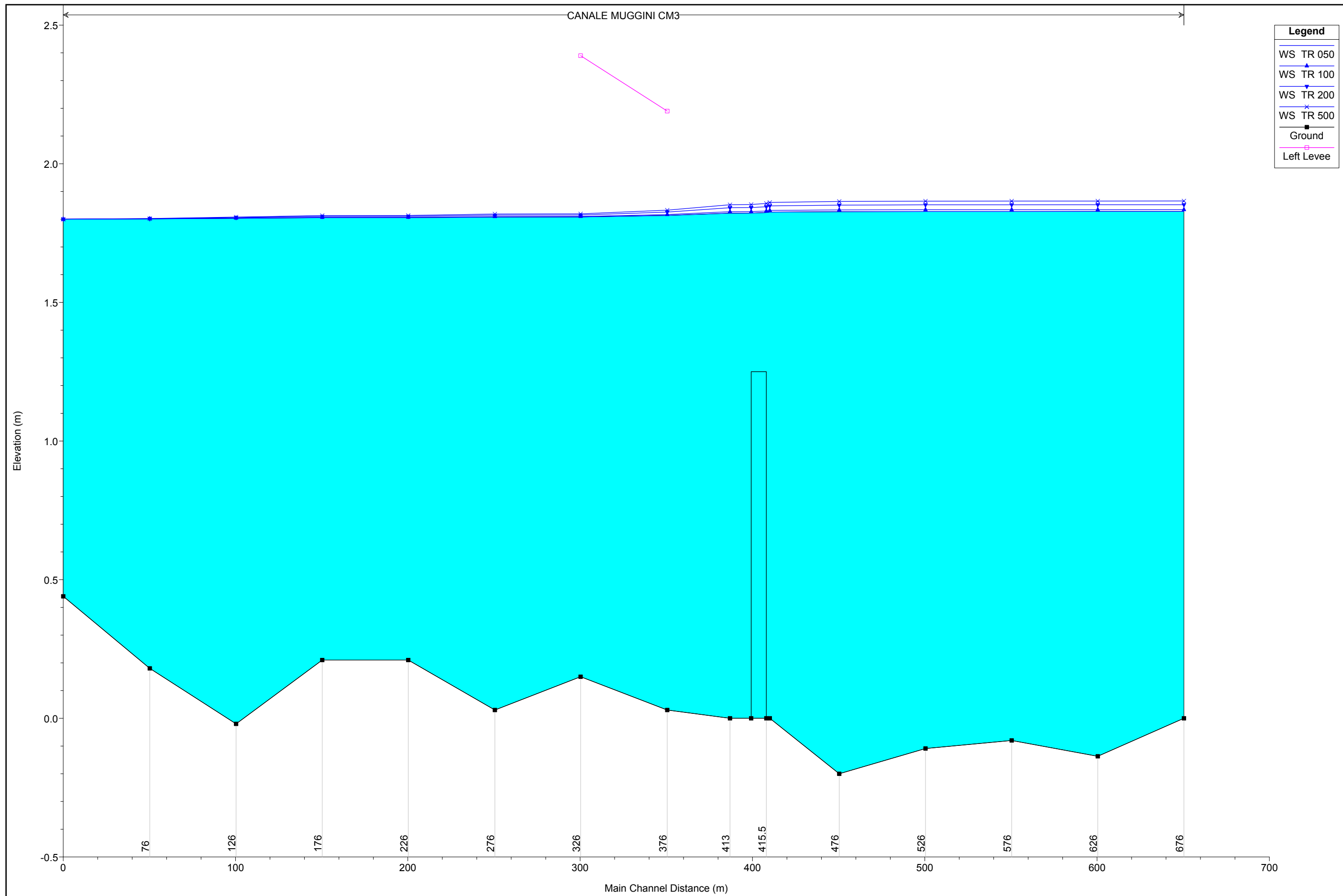
Risultati della modellazione idraulica

CANALE3-4 - DEI MUGGINI

Profilo

CANALE MUGGINI CM1





A48.DOC. 14 - PARTE 3

Risultati della modellazione idraulica

CANALE3-4 - DEI MUGGINI

Tabelle

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y_{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 3413 | 3459.02 | 61.16 | 22.74 | 136.62 | 135.91 | 0.71 | 137.38 | 3.86 | 5.89 | 15.54 | 2 |
| CANALE MUGGINI | CM1 | 3352 | 3397.85 | 126.98 | 22.74 | 133.74 | 132.89 | 0.85 | 134.56 | 3.99 | 5.7 | 11.74 | 1.83 |
| CANALE MUGGINI | CM1 | 3225 | 3270.88 | 97.01 | 22.74 | 127.38 | 126.02 | 1.36 | 128.45 | 4.59 | 4.95 | 8.88 | 1.96 |
| CANALE MUGGINI | CM1 | 3128 | 3173.86 | 133.59 | 22.74 | 114.35 | 113.85 | 0.5 | 116.56 | 6.58 | 3.46 | 13.17 | 4.1 |
| CANALE MUGGINI | CM1 | 2995 | 3040.27 | 17.95 | 22.74 | 109.08 | 107.96 | 1.12 | 109.48 | 2.78 | 8.18 | 19.6 | 1.37 |
| CANALE MUGGINI | CM1 | 2977 | 3022.32 | 67.28 | 22.74 | 108.3 | 107.35 | 0.95 | 108.79 | 3.1 | 7.33 | 14.03 | 1.37 |
| CANALE MUGGINI | CM1 | 2909 | 2955.04 | 60.13 | 22.74 | 106.18 | 105.67 | 0.51 | 106.71 | 3.23 | 7.03 | 21.18 | 1.79 |
| CANALE MUGGINI | CM1 | 2849 | 2894.9 | 81.31 | 22.74 | 105.04 | 104.17 | 0.87 | 105.27 | 2.12 | 10.75 | 29.69 | 1.12 |
| CANALE MUGGINI | CM1 | 2768 | 2813.59 | 102.24 | 22.74 | 103.93 | 103.39 | 0.54 | 104.05 | 1.6 | 15.06 | 70.07 | 1.02 |
| CANALE MUGGINI | CM1 | 2666 | 2711.35 | 34.47 | 22.74 | 101.92 | 100.95 | 0.97 | 101.94 | 0.66 | 34.63 | 65.55 | 0.29 |
| CANALE MUGGINI | CM1 | 2631 | 2676.88 | 69.75 | 22.74 | 101.14 | 100.29 | 0.85 | 101.34 | 1.96 | 11.59 | 29.47 | 1 |
| CANALE MUGGINI | CM1 | 2561 | 2607.14 | 57.55 | 22.74 | 94.88 | 94.19 | 0.69 | 96.16 | 5.02 | 4.53 | 14.29 | 2.84 |
| CANALE MUGGINI | CM1 | 2504 | 2549.59 | 63.24 | 22.74 | 93.15 | 92.25 | 0.9 | 93.67 | 3.19 | 7.13 | 14.13 | 1.43 |
| CANALE MUGGINI | CM1 | 2441 | 2486.35 | 62.3 | 22.74 | 91.4 | 90.76 | 0.64 | 91.87 | 3.04 | 7.49 | 22.01 | 1.66 |
| CANALE MUGGINI | CM1 | 2378 | 2424.06 | 49.52 | 22.74 | 90.22 | 89.24 | 0.98 | 90.58 | 2.66 | 8.56 | 14.98 | 1.12 |
| CANALE MUGGINI | CM1 | 2329 | 2374.54 | 82.5 | 22.74 | 87.15 | 86.05 | 1.1 | 88.05 | 4.19 | 5.43 | 7.73 | 1.6 |
| CANALE MUGGINI | CM1 | 2246 | 2292.03 | 54.17 | 22.74 | 60.27 | 59.81 | 0.46 | 66.17 | 10.76 | 2.11 | 12.77 | 8.45 |
| CANALE MUGGINI | CM1 | 2192 | 2237.86 | 33.49 | 22.74 | 56.36 | 55.76 | 0.6 | 57.46 | 4.65 | 4.89 | 11.32 | 2.26 |
| CANALE MUGGINI | CM1 | 2159 | 2204.38 | 47.81 | 22.74 | 55.75 | 54.61 | 1.14 | 56.34 | 3.41 | 6.66 | 10.85 | 1.39 |
| CANALE MUGGINI | CM1 | 2111 | 2156.57 | 57.46 | 22.74 | 53.61 | 52.97 | 0.64 | 54.38 | 3.91 | 5.82 | 13.76 | 1.92 |
| CANALE MUGGINI | CM1 | 2053 | 2099.11 | 75.18 | 22.74 | 52.86 | 52.03 | 0.83 | 53.11 | 2.2 | 10.34 | 23.73 | 1.06 |
| CANALE MUGGINI | CM1 | 1978 | 2023.93 | 75.3 | 22.74 | 51.86 | 51.12 | 0.74 | 52.06 | 1.97 | 11.65 | 38.04 | 1.08 |
| CANALE MUGGINI | CM1 | 1903 | 1948.64 | 50.87 | 22.74 | 50.35 | 48.92 | 1.43 | 50.67 | 2.52 | 9.03 | 15.4 | 1.05 |
| CANALE MUGGINI | CM1 | 1852 | 1897.77 | 50.53 | 22.74 | 49.02 | 48.1 | 0.92 | 49.5 | 3.07 | 7.4 | 11.32 | 1.21 |
| CANALE MUGGINI | CM1 | 1802 | 1847.24 | 50.52 | 22.74 | 47.63 | 47.02 | 0.61 | 48.16 | 3.23 | 7.03 | 20.32 | 1.76 |
| CANALE MUGGINI | CM1 | 1751 | 1796.72 | 55 | 22.74 | 46.49 | 45.36 | 1.13 | 46.92 | 2.9 | 7.85 | 14.1 | 1.24 |
| CANALE MUGGINI | CM1 | 1696 | 1741.72 | 42.67 | 22.74 | 45.59 | 44.49 | 1.1 | 45.97 | 2.75 | 8.27 | 16.44 | 1.24 |
| CANALE MUGGINI | CM1 | 1653 | 1699.05 | 51.23 | 22.74 | 44.18 | 43.3 | 0.88 | 44.69 | 3.19 | 7.13 | 14.75 | 1.46 |
| CANALE MUGGINI | CM1 | 1602 | 1647.82 | 54.1 | 22.74 | 42.93 | 42.01 | 0.92 | 43.44 | 3.17 | 7.17 | 14.52 | 1.44 |
| CANALE MUGGINI | CM1 | 1548 | 1593.72 | 50.64 | 22.74 | 31.67 | 31.11 | 0.56 | 34.26 | 7.13 | 3.19 | 10.34 | 4.1 |
| CANALE MUGGINI | CM1 | 1497 | 1543.08 | 51.96 | 22.74 | 28.13 | 27.08 | 1.05 | 29.52 | 5.22 | 4.35 | 7.14 | 2.14 |
| CANALE MUGGINI | CM1 | 1445 | 1491.12 | 50.97 | 22.74 | 25.03 | 23.97 | 1.06 | 26.53 | 5.42 | 4.2 | 6.36 | 2.13 |
| CANALE MUGGINI | CM1 | 1394 | 1440.15 | 51.1 | 22.74 | 21.78 | 20.68 | 1.1 | 23.06 | 5 | 4.55 | 12.67 | 2.66 |
| CANALE MUGGINI | CM1 | 1343 | 1389.05 | 53.49 | 22.74 | 19.59 | 18.58 | 1.01 | 20.52 | 4.29 | 5.3 | 8.11 | 1.69 |
| CANALE MUGGINI | CM1 | 1290 | 1335.56 | 50.06 | 22.74 | 20 | 17.93 | 2.07 | 20.03 | 0.76 | 29.95 | 20.79 | 0.2 |
| CANALE MUGGINI | CM1 | 1240 | 1285.51 | 50.39 | 22.74 | 19.98 | 17.33 | 2.65 | 20.01 | 0.75 | 30.48 | 19.63 | 0.19 |
| CANALE MUGGINI | CM1 | 1189 | 1235.12 | 48.26 | 22.74 | 18.32 | 16.85 | 1.47 | 18.75 | 2.91 | 7.81 | 9.22 | 1.01 |
| CANALE MUGGINI | CM1 | 1141 | 1186.86 | 41.2 | 22.74 | 17.51 | 14.26 | 3.25 | 17.53 | 0.63 | 37.12 | 57.73 | 0.24 |
| CANALE MUGGINI | CM1 | 1100 | 1145.66 | 53.6 | 22.74 | 16.85 | 16.37 | 0.48 | 17.02 | 1.78 | 12.53 | 37.54 | 1 |
| CANALE MUGGINI | CM1 | 1046 | 1092.07 | 46.01 | 22.74 | 12.37 | 11.06 | 1.31 | 13.39 | 4.48 | 5.08 | 7.83 | 1.78 |
| CANALE MUGGINI | CM1 | 1000 | 1046.06 | 51.25 | 22.74 | 11.3 | 10.06 | 1.24 | 11.83 | 3.22 | 7.06 | 17.79 | 1.63 |
| CANALE MUGGINI | CM1 | 949 | 994.81 | 52.6 | 22.74 | 10.12 | 8.96 | 1.16 | 10.48 | 2.65 | 8.59 | 20.86 | 1.32 |
| CANALE MUGGINI | CM1 | 897 | 942.22 | 50.06 | 22.74 | 8.82 | 7.5 | 1.32 | 9.2 | 2.71 | 8.41 | 25.4 | 1.43 |
| CANALE MUGGINI | CM1 | 846 | 892.16 | 50.36 | 22.74 | 8.1 | 6.54 | 1.56 | 8.15 | 1.09 | 23.43 | 51.19 | 0.46 |
| CANALE MUGGINI | CM1 | 796 | 841.8 | 21.07 | 22.74 | 8.14 | 5.52 | 2.62 | 8.14 | 0.28 | 97.23 | 103.16 | 0.08 |
| CANALE MUGGINI | CM1 | 775 | 820.74 | 4 | 22.74 | 8.14 | 5.01 | 3.13 | 8.14 | 0.18 | 172.99 | 214.93 | 0.05 |
| CANALE MUGGINI | CM1 | 771 | 816.74 | 16.42 | 22.74 | 6.69 | 4.6 | 2.09 | 7.05 | 2.8 | 12.5 | 28.78 | 0.72 |
| CANALE MUGGINI | CM1 | 760.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 755 | 800.32 | 3.48 | 22.74 | 6.95 | 4.5 | 2.45 | 6.99 | 1.21 | 66.14 | 149.75 | 0.28 |
| CANALE MUGGINI | CM1 | 751 | 796.84 | 5.12 | 22.74 | 6.96 | 4.48 | 2.48 | 6.99 | 1.09 | 76.32 | 158.49 | 0.24 |
| CANALE MUGGINI | CM1 | 746 | 791.72 | 5.02 | 22.74 | 6.97 | 4.45 | 2.52 | 6.98 | 0.86 | 95.14 | 163.8 | 0.19 |
| CANALE MUGGINI | CM1 | 741 | 786.7 | 1 | 22.74 | 6.98 | 4.38 | 2.6 | 6.98 | 0.72 | 113.47 | 184.24 | 0.15 |
| CANALE MUGGINI | CM1 | 740.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 736 | 781.68 | 10.02 | 22.74 | 6.39 | 4.28 | 2.11 | 6.54 | 2.23 | 34.33 | 114.96 | 0.55 |
| CANALE MUGGINI | CM1 | 726 | 771.66 | 5 | 22.74 | 6.44 | 4.09 | 2.35 | 6.48 | 1.28 | 64.18 | 145.81 | 0.29 |
| CANALE MUGGINI | CM1 | 721 | 766.66 | 3 | 22.74 | 6.45 | 3.99 | 2.46 | 6.47 | 1.16 | 71.64 | 152.55 | 0.26 |
| CANALE MUGGINI | CM1 | 720.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 716 | 761.66 | 5 | 22.74 | 6.38 | 3.9 | 2.48 | 6.41 | 1.19 | 69.87 | 149.08 | 0.26 |
| CANALE MUGGINI | CM1 | 711 | 756.65 | 1 | 22.74 | 6.39 | 3.81 | 2.58 | 6.41 | 0.98 | 84.66 | 163.64 | 0.21 |
| CANALE MUGGINI | CM1 | 710.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 706 | 751.65 | 3 | 22.74 | 6.37 | 3.71 | 2.66 | 6.38 | 0.82 | 99.49 | 166.29 | 0.18 |
| CANALE MUGGINI | CM1 | 705.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 701 | 746.64 | 5 | 22.74 | 5.77 | 3.62 | 2.15 | 5.93 | 2.23 | 32.31 | 103.36 | 0.54 |
| CANALE MUGGINI | CM1 | 696 | 741.64 | 5 | 22.74 | 5.72 | 3.52 | 2.2 | 5.89 | 2.27 | 32.82 | 123.05 | 0.54 |
| CANALE MUGGINI | CM1 | 691 | 736.64 | 1 | 22.74 | 5.85 | 3.44 | 2.41 | 5.88 | 1.25 | 66.57 | 154.15 | 0.28 |
| CANALE MUGGINI | CM1 | 690.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 686 | 731.64 | 10 | 22.74 | 5.79 | 3.36 | 2.43 | 5.82 | 1.16 | 75.47 | 172.02 | 0.26 |
| CANALE MUGGINI | CM1 | 676 | 721.63 | 5 | 22.74 | 5.8 | 3.19 | 2.61 | 5.81 | 0.81 | 105.11 | 199 | 0.17 |
| CANALE MUGGINI | CM1 | 671 | 716.63 | 1 | 22.74 | 5.81 | 3.11 | 2.7 | 5.81 | 0.72 | 121.56 | 227.1 | 0.15 |
| CANALE MUGGINI | CM1 | 670.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 666 | 711.63 | 5 | 22.74 | 5.27 | 3.03 | 2.24 | 5.41 | 2.11 | 36.83 | 137.32 | 0.5 |
| CANALE MUGGINI | CM1 | 661 | 706.63 | 5 | 22.74 | 5.3 | 2.95 | 2.35 | 5.37 | 1.67 | 54.84 | 184.24 | 0.38 |
| CANALE MUGGINI | CM1 | 656 | 701.63 | 5 | 22.74 | 5.34 | 2.86 | 2.48 | 5.37 | 1.14 | 79.32 | 201.69 | 0.25 |
| CANALE MUGGINI | CM1 | 651 | 696.62 | 5 | 22.74 | 5.36 | 2.78 | 2.58 | 5.37 | 0.75 | 122.75 | 243.06 | 0.16 |
| CANALE MUGGINI | CM1 | 646 | 691.62 | 1 | 22.74 | 5.36 | 2.7 | 2.66 | 5.37 | 0.63 | 142.53 | 248.79 | 0.13 |
| CANALE MUGGINI | CM1 | 645.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 640 | 686.08 | 11.09 | 22.74 | 4.78 | 2.6 | 2.18 | 4.93 | 2.2 | 34.48 | 126.83 | 0.53 |
| CANALE MUGGINI | CM1 | 629 | 674.99 | 5.54 | 22.74 | 4.79 | 2.4 | 2.39 | 4.82 | 1.24 | 66.92 | 161.55 | 0.28 |

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y_{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 624 | 669.44 | 0.5 | 22.74 | 4.8 | 2.3 | 2.5 | 4.82 | 1.09 | 80.47 | 177.5 | 0.24 |
| CANALE MUGGINI | CM1 | 620.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 618 | 663.9 | 5.55 | 22.74 | 4.59 | 2.2 | 2.39 | 4.65 | 1.57 | 52.72 | 142.28 | 0.36 |
| CANALE MUGGINI | CM1 | 613 | 658.35 | 5.55 | 22.74 | 4.61 | 2.1 | 2.51 | 4.65 | 1.29 | 64.92 | 144.82 | 0.28 |
| CANALE MUGGINI | CM1 | 607 | 652.81 | 5.55 | 22.74 | 4.62 | 2 | 2.62 | 4.65 | 1.19 | 70.36 | 151.46 | 0.26 |
| CANALE MUGGINI | CM1 | 602 | 647.26 | 0.5 | 22.74 | 4.63 | 1.9 | 2.73 | 4.65 | 0.93 | 92.35 | 187.53 | 0.19 |
| CANALE MUGGINI | CM1 | 600.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 596 | 641.71 | 5 | 22.74 | 4.2 | 1.8 | 2.4 | 4.32 | 1.93 | 38.73 | 118.3 | 0.44 |
| CANALE MUGGINI | CM1 | 591 | 636.71 | 5 | 22.74 | 4.28 | 1.66 | 2.62 | 4.32 | 1.25 | 69.34 | 169.12 | 0.27 |
| CANALE MUGGINI | CM1 | 586 | 631.71 | 5 | 22.74 | 4.31 | 1.59 | 2.72 | 4.32 | 0.8 | 102.68 | 178.76 | 0.17 |
| CANALE MUGGINI | CM1 | 581 | 626.71 | 5 | 22.74 | 3.69 | 1.52 | 2.17 | 3.86 | 2.28 | 30.26 | 92.75 | 0.55 |
| CANALE MUGGINI | CM1 | 576 | 621.71 | 5 | 22.74 | 3.6 | 1.46 | 2.14 | 3.78 | 2.33 | 28.46 | 81.85 | 0.57 |
| CANALE MUGGINI | CM1 | 571 | 616.71 | 0.5 | 22.74 | 3.72 | 1.39 | 2.33 | 3.78 | 1.56 | 51.92 | 153.51 | 0.36 |
| CANALE MUGGINI | CM1 | 570.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 566 | 611.71 | 10 | 22.74 | 3.5 | 1.32 | 2.18 | 3.58 | 1.72 | 41.32 | 94.55 | 0.41 |
| CANALE MUGGINI | CM1 | 556 | 601.71 | 5.04 | 22.74 | 3.39 | 1.18 | 2.21 | 3.49 | 1.93 | 36.2 | 95.41 | 0.46 |
| CANALE MUGGINI | CM1 | 551 | 596.67 | 5.04 | 22.74 | 3.3 | 1.11 | 2.19 | 3.43 | 2.05 | 32.76 | 81.78 | 0.49 |
| CANALE MUGGINI | CM1 | 546 | 591.63 | 4.47 | 22.74 | 3.38 | 1.1 | 2.28 | 3.43 | 1.38 | 53.15 | 135.77 | 0.32 |
| CANALE MUGGINI | CM1 | 541 | 587.16 | 0.5 | 22.74 | 3.4 | 1.09 | 2.31 | 3.43 | 1.19 | 62.7 | 135.57 | 0.28 |
| CANALE MUGGINI | CM1 | 540.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 537 | 582.28 | 4.97 | 22.74 | 3.35 | 1.08 | 2.27 | 3.37 | 1.14 | 67.07 | 152.55 | 0.27 |
| CANALE MUGGINI | CM1 | 532 | 577.32 | 5.05 | 22.74 | 3.36 | 1.07 | 2.29 | 3.37 | 0.98 | 76.52 | 140.72 | 0.23 |
| CANALE MUGGINI | CM1 | 527 | 572.26 | 5.17 | 22.74 | 3.36 | 1.05 | 2.31 | 3.37 | 0.93 | 80.16 | 143.61 | 0.22 |
| CANALE MUGGINI | CM1 | 521 | 567.09 | 5.36 | 22.74 | 3.36 | 1.04 | 2.32 | 3.37 | 0.86 | 83.95 | 137.8 | 0.2 |
| CANALE MUGGINI | CM1 | 516 | 561.73 | 0.5 | 22.74 | 3.32 | 1.03 | 2.29 | 3.34 | 1.09 | 73.65 | 154.68 | 0.25 |
| CANALE MUGGINI | CM1 | 515.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 511 | 556.41 | 5.3 | 22.74 | 3.31 | 1.02 | 2.29 | 3.32 | 0.86 | 96.88 | 188.72 | 0.2 |
| CANALE MUGGINI | CM1 | 505 | 551.11 | 5.27 | 22.74 | 3.31 | 1.01 | 2.3 | 3.32 | 0.71 | 116.36 | 210.84 | 0.17 |
| CANALE MUGGINI | CM1 | 500 | 545.84 | 5.26 | 22.74 | 3.31 | 1 | 2.31 | 3.32 | 0.67 | 125.61 | 228.53 | 0.15 |
| CANALE MUGGINI | CM1 | 495 | 540.59 | 21.87 | 22.74 | 2.9 | 1 | 1.9 | 3.01 | 2.1 | 41.61 | 163.17 | 0.55 |
| CANALE MUGGINI | CM1 | 473 | 518.71 | 28.43 | 22.74 | 2.89 | 0.98 | 1.91 | 2.89 | 0.81 | 100.4 | 214.64 | 0.21 |
| CANALE MUGGINI | CM1 | 445 | 490.29 | 16.52 | 22.74 | 2.89 | 0.97 | 1.92 | 2.89 | 0.53 | 138.03 | 234.66 | 0.14 |
| CANALE MUGGINI | CM1 | 428 | 473.77 | 9.6 | 22.74 | 2.88 | 0.92 | 1.96 | 2.88 | 0.58 | 143.7 | 248.65 | 0.13 |
| CANALE MUGGINI | CM1 | 420.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 418 | 464.17 | 16.86 | 22.74 | 2.88 | 0.92 | 1.96 | 2.88 | 0.5 | 160.02 | 262.95 | 0.12 |
| CANALE MUGGINI | CM1 | 402 | 447.3 | 12.19 | 22.74 | 2.88 | 0.91 | 1.97 | 2.88 | 0.31 | 237.55 | 317.56 | 0.07 |
| CANALE MUGGINI | CM1 | 389 | 435.11 | 4 | 22.74 | 2.74 | 0.9 | 1.84 | 2.77 | 1.16 | 49.9 | 81.01 | 0.27 |
| CANALE MUGGINI | CM1 | 385.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 377 | 422.9 | 6.26 | 22.74 | 2.7 | 0.9 | 1.8 | 2.72 | 1.02 | 63.65 | 103.57 | 0.24 |
| CANALE MUGGINI | CM1 | 371 | 416.65 | 25.58 | 22.74 | 2.71 | 0.86 | 1.85 | 2.72 | 0.51 | 60.74 | 93.23 | 0.19 |
| CANALE MUGGINI | CM1 | 345 | 391.06 | 45.92 | 22.74 | 1.89 | 0.75 | 1.14 | 2.1 | 2.06 | 11.04 | 26.19 | 1.01 |
| CANALE MUGGINI | CM1 | 299 | 345.15 | 50.01 | 22.74 | 1.84 | 0.59 | 1.25 | 1.84 | 0.17 | 75.6 | 65.68 | 0.07 |
| CANALE MUGGINI | CM1 | 249 | 295.14 | 49.06 | 22.74 | 1.84 | 0.53 | 1.31 | 1.84 | 0.08 | 122.16 | 103.75 | 0.04 |
| CANALE MUGGINI | CM1 | 200 | 246.07 | 50.1 | 22.74 | 1.83 | 0.24 | 1.59 | 1.83 | 0.15 | 83.92 | 108.24 | 0.08 |
| CANALE MUGGINI | CM1 | 150 | 195.98 | 50.03 | 22.74 | 1.83 | 0.09 | 1.74 | 1.83 | 0.16 | 144.13 | 152.65 | 0.05 |
| CANALE MUGGINI | CM1 | 100 | 145.95 | 50.03 | 22.74 | 1.83 | 0.09 | 1.74 | 1.83 | 0.12 | 200.04 | 168.09 | 0.03 |
| CANALE MUGGINI | CM1 | 50 | 95.92 | 95.92 | 22.74 | 1.83 | -0.15 | 1.98 | 1.83 | 0.09 | 250.85 | 192.37 | 0.03 |

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y_{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM2 | 3180 | 3217.01 | 38.41 | 25.12 | 72.83 | 71.13 | 1.7 | 73.43 | 3.43 | 7.33 | 11.28 | 1.36 |
| CANALE MUGGINI | CM2 | 3141 | 3178.6 | 51.67 | 25.12 | 70.64 | 69.07 | 1.57 | 71.53 | 4.17 | 6.03 | 10.54 | 1.76 |
| CANALE MUGGINI | CM2 | 3089 | 3126.93 | 51.11 | 25.12 | 65.57 | 64.79 | 0.78 | 66.97 | 5.25 | 4.79 | 13.8 | 2.85 |
| CANALE MUGGINI | CM2 | 3038 | 3075.82 | 51.47 | 25.12 | 63.43 | 62.54 | 0.89 | 63.81 | 2.75 | 9.14 | 34.74 | 1.71 |
| CANALE MUGGINI | CM2 | 2987 | 3024.35 | 51.18 | 25.12 | 61.51 | 60.2 | 1.31 | 62.02 | 3.14 | 7.99 | 14.44 | 1.35 |
| CANALE MUGGINI | CM2 | 2936 | 2973.17 | 50.04 | 25.12 | 60.31 | 59 | 1.31 | 60.86 | 3.3 | 7.62 | 12.14 | 1.33 |
| CANALE MUGGINI | CM2 | 2886 | 2923.13 | 50.37 | 25.12 | 58.62 | 57.3 | 1.32 | 59.34 | 3.75 | 6.71 | 10.08 | 1.47 |
| CANALE MUGGINI | CM2 | 2835 | 2872.76 | 51.16 | 25.12 | 57.51 | 55.98 | 1.53 | 58.18 | 3.62 | 6.93 | 10.76 | 1.44 |
| CANALE MUGGINI | CM2 | 2784 | 2821.6 | 51.83 | 25.12 | 55.93 | 54.32 | 1.61 | 56.67 | 3.81 | 6.59 | 11.15 | 1.58 |
| CANALE MUGGINI | CM2 | 2732 | 2769.76 | 62.6 | 25.12 | 54.24 | 53.15 | 1.09 | 55 | 3.87 | 6.49 | 12.57 | 1.72 |
| CANALE MUGGINI | CM2 | 2670 | 2707.16 | 61.7 | 25.12 | 52.54 | 51.33 | 1.21 | 53.22 | 3.64 | 6.9 | 11.47 | 1.5 |
| CANALE MUGGINI | CM2 | 2608 | 2645.47 | 52.08 | 25.12 | 50.08 | 48.73 | 1.35 | 50.96 | 4.13 | 6.08 | 9.53 | 1.65 |
| CANALE MUGGINI | CM2 | 2556 | 2593.39 | 52.54 | 25.12 | 47.62 | 46.12 | 1.5 | 48.69 | 4.59 | 5.48 | 7.76 | 1.74 |
| CANALE MUGGINI | CM2 | 2503 | 2540.85 | 50.84 | 25.12 | 45.51 | 44.34 | 1.17 | 46.64 | 4.71 | 5.33 | 8.27 | 1.87 |
| CANALE MUGGINI | CM2 | 2453 | 2490.01 | 49.82 | 25.12 | 43.49 | 42.3 | 1.19 | 44.63 | 4.73 | 5.31 | 8.39 | 1.9 |
| CANALE MUGGINI | CM2 | 2403 | 2440.19 | 53.99 | 25.12 | 41.4 | 39.97 | 1.43 | 42.58 | 4.81 | 5.22 | 7.3 | 1.82 |
| CANALE MUGGINI | CM2 | 2349 | 2386.2 | 48.88 | 25.12 | 38.61 | 37.43 | 1.18 | 39.92 | 5.08 | 4.95 | 7.88 | 2.05 |
| CANALE MUGGINI | CM2 | 2300 | 2337.32 | 50.81 | 25.12 | 37.17 | 35.82 | 1.35 | 38.01 | 4.04 | 6.21 | 11.11 | 1.73 |
| CANALE MUGGINI | CM2 | 2249 | 2286.51 | 50.54 | 25.12 | 35.21 | 34.29 | 0.92 | 36.08 | 4.12 | 6.1 | 11.9 | 1.84 |
| CANALE MUGGINI | CM2 | 2198 | 2235.97 | 52.2 | 25.12 | 34.24 | 33.28 | 0.96 | 34.67 | 2.9 | 8.67 | 18.4 | 1.35 |
| CANALE MUGGINI | CM2 | 2146 | 2183.77 | 51.42 | 25.12 | 33.29 | 32.17 | 1.12 | 33.63 | 2.57 | 9.76 | 22.65 | 1.25 |
| CANALE MUGGINI | CM2 | 2095 | 2132.35 | 50.16 | 25.12 | 31.52 | 30.85 | 0.67 | 32 | 3.06 | 8.21 | 21.3 | 1.57 |
| CANALE MUGGINI | CM2 | 2045 | 2082.19 | 51.34 | 25.12 | 29.38 | 28.16 | 1.22 | 30.06 | 3.65 | 6.88 | 11 | 1.47 |
| CANALE MUGGINI | CM2 | 1993 | 2030.85 | 51.91 | 25.12 | 28.08 | 26.79 | 1.29 | 28.8 | 3.77 | 6.66 | 8.68 | 1.38 |
| CANALE MUGGINI | CM2 | 1941 | 1978.94 | 54.69 | 25.12 | 27.17 | 25.72 | 1.45 | 27.67 | 3.12 | 8.05 | 16.33 | 1.42 |
| CANALE MUGGINI | CM2 | 1887 | 1924.25 | 50.99 | 25.12 | 25.59 | 24.52 | 1.07 | 26.13 | 3.26 | 7.71 | 16.59 | 1.53 |
| CANALE MUGGINI | CM2 | 1836 | 1873.26 | 44.17 | 25.12 | 25.19 | 24.25 | 0.94 | 25.42 | 2.13 | 11.77 | 25.51 | 1 |
| CANALE MUGGINI | CM2 | 1792 | 1829.09 | 51.3 | 25.12 | 23.55 | 22.33 | 1.22 | 24.05 | 3.12 | 8.06 | 11.89 | 1.21 |
| CANALE MUGGINI | CM2 | 1740 | 1777.79 | 50.28 | 25.12 | 22.91 | 21.72 | 1.19 | 23.24 | 2.55 | 9.87 | 21.03 | 1.19 |
| CANALE MUGGINI | CM2 | 1690 | 1727.51 | 50.01 | 25.12 | 22.02 | 20.98 | 1.04 | 22.29 | 2.34 | 10.75 | 32.06 | 1.29 |
| CANALE MUGGINI | CM2 | 1640 | 1677.5 | 50.04 | 25.12 | 21.15 | 20.48 | 0.67 | 21.35 | 1.98 | 12.71 | 41.18 | 1.14 |
| CANALE MUGGINI | CM2 | 1590 | 1627.47 | 44.13 | 25.12 | 19.9 | 19.37 | 0.53 | 20.14 | 2.17 | 11.69 | 50.95 | 1.43 |
| CANALE MUGGINI | CM2 | 1546 | 1583.34 | 50.7 | 25.12 | 18.79 | 17.84 | 0.95 | 19.04 | 2.24 | 11.23 | 33.22 | 1.23 |
| CANALE MUGGINI | CM2 | 1495 | 1532.64 | 48.2 | 25.12 | 18.02 | 17.29 | 0.73 | 18.17 | 1.82 | 14.81 | 53.23 | 1.02 |
| CANALE MUGGINI | CM2 | 1447 | 1484.44 | 4 | 25.12 | 17.53 | 16.8 | 0.73 | 17.54 | 0.39 | 68.57 | 132.25 | 0.16 |
| CANALE MUGGINI | CM2 | 1443 | 1480.44 | 1 | 25.12 | 17.53 | 17.03 | 0.5 | 17.53 | 0.18 | 84.07 | 131.48 | 0.1 |
| CANALE MUGGINI | CM2 | 1430.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 1421 | 1466.44 | 3 | 25.12 | 17.13 | 16.4 | 0.73 | 17.13 | 0.08 | 175 | 142.03 | 0.03 |
| CANALE MUGGINI | CM2 | 1393 | 1463.44 | 79 | 25.12 | 17.12 | 16.13 | 0.99 | 17.12 | 0.14 | 122.72 | 91.7 | 0.05 |
| CANALE MUGGINI | CM2 | 1343 | 1384.44 | 46.16 | 25.12 | 15.99 | 15.17 | 0.82 | 16.28 | 2.41 | 10.83 | 19.13 | 0.98 |
| CANALE MUGGINI | CM2 | 1296 | 1338.27 | 47.37 | 25.12 | 14.98 | 13.68 | 1.3 | 15.38 | 2.79 | 9.03 | 15.81 | 1.17 |
| CANALE MUGGINI | CM2 | 1249 | 1290.9 | 49.32 | 25.12 | 13.77 | 12.77 | 1 | 14.19 | 2.97 | 8.86 | 32.15 | 1.72 |
| CANALE MUGGINI | CM2 | 1200 | 1241.58 | 51.54 | 25.12 | 12.89 | 11.79 | 1.1 | 13.07 | 1.9 | 13.77 | 45.18 | 1.04 |
| CANALE MUGGINI | CM2 | 1148 | 1190.05 | 49.63 | 25.12 | 12 | 10.74 | 1.26 | 12.22 | 2.09 | 12.43 | 37.42 | 1.07 |
| CANALE MUGGINI | CM2 | 1099 | 1140.41 | 50.2 | 25.12 | 10.98 | 9.59 | 1.39 | 11.24 | 2.29 | 11.24 | 36.22 | 1.27 |
| CANALE MUGGINI | CM2 | 1048 | 1090.22 | 50.52 | 25.12 | 10.38 | 8.83 | 1.55 | 10.57 | 1.96 | 13.3 | 36.64 | 0.99 |
| CANALE MUGGINI | CM2 | 998 | 1039.69 | 50.75 | 25.12 | 9.44 | 7.86 | 1.58 | 9.71 | 2.32 | 11.1 | 23.9 | 1.05 |
| CANALE MUGGINI | CM2 | 947 | 988.94 | 47.63 | 25.12 | 8.64 | 7.21 | 1.43 | 8.96 | 2.48 | 10.12 | 16.98 | 1.03 |
| CANALE MUGGINI | CM2 | 900 | 941.31 | 50.68 | 25.12 | 8.32 | 6.55 | 1.77 | 8.38 | 1.15 | 22.36 | 29.33 | 0.41 |
| CANALE MUGGINI | CM2 | 849 | 890.62 | 12.3 | 25.12 | 8.35 | 5.74 | 2.61 | 8.37 | 1.06 | 61.47 | 71.68 | 0.21 |
| CANALE MUGGINI | CM2 | 840.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 825 | 866.37 | 24.48 | 25.12 | 7.17 | 5.28 | 1.89 | 7.47 | 2.98 | 18.09 | 35.18 | 0.69 |
| CANALE MUGGINI | CM2 | 800 | 841.89 | 51.16 | 25.12 | 6.36 | 5 | 1.36 | 6.86 | 3.9 | 13.67 | 29.71 | 1.07 |
| CANALE MUGGINI | CM2 | 749 | 790.73 | 51.72 | 25.12 | 4.97 | 4.38 | 0.59 | 5.68 | 5.06 | 7.57 | 54.91 | 2.93 |
| CANALE MUGGINI | CM2 | 697 | 739 | 50.85 | 25.12 | 5.08 | 4.2 | 0.88 | 5.11 | 0.67 | 32.87 | 92.69 | 0.38 |
| CANALE MUGGINI | CM2 | 646 | 688.15 | 50.02 | 25.12 | 4.33 | 4.06 | 0.27 | 4.49 | 1.1 | 14.74 | 48.98 | 0.87 |
| CANALE MUGGINI | CM2 | 596 | 638.13 | 39.12 | 25.12 | 4.36 | 3.48 | 0.88 | 4.38 | 0.48 | 50.05 | 88.27 | 0.21 |
| CANALE MUGGINI | CM2 | 557 | 599.02 | 3 | 25.12 | 4.35 | 3.23 | 1.12 | 4.36 | 0.45 | 55.28 | 95.17 | 0.19 |
| CANALE MUGGINI | CM2 | 550.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 543 | 588.28 | 47.21 | 25.12 | 3.23 | 2.94 | 0.29 | 3.39 | 0.69 | 14.23 | 45.41 | 0.77 |
| CANALE MUGGINI | CM2 | 496 | 541.07 | 50.95 | 25.12 | 2.87 | 1.85 | 1.02 | 2.95 | 1.44 | 19.91 | 58.58 | 0.7 |
| CANALE MUGGINI | CM2 | 445 | 490.12 | 50.19 | 25.12 | 2.62 | 1.88 | 0.74 | 2.7 | 1.07 | 20.98 | 62.72 | 0.64 |
| CANALE MUGGINI | CM2 | 395 | 439.93 | 50.14 | 25.12 | 2.01 | 1.56 | 0.45 | 2.13 | 1.57 | 16.8 | 73.38 | 1 |
| CANALE MUGGINI | CM2 | 344 | 389.79 | 50.01 | 25.12 | 1.86 | 1.46 | 0.4 | 1.88 | 0.47 | 42.94 | 134.43 | 0.3 |
| CANALE MUGGINI | CM2 | 294 | 339.78 | 51.1 | 25.12 | 1.85 | 1.21 | 0.64 | 1.86 | 0.26 | 80.62 | 150.91 | 0.12 |
| CANALE MUGGINI | CM2 | 243 | 288.68 | 15.45 | 25.12 | 1.85 | 0.39 | 1.46 | 1.86 | 0.24 | 94.36 | 117.48 | 0.09 |
| CANALE MUGGINI | CM2 | 228 | 273.22 | 13.06 | 25.12 | 1.85 | 0.44 | 1.41 | 1.86 | 0.25 | 100.3 | 120.06 | 0.09 |
| CANALE MUGGINI | CM2 | 220.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 215 | 260.16 | 14.3 | 25.12 | 1.84 | 0.37 | 1.47 | 1.84 | 0.2 | 129.52 | 121.56 | 0.06 |
| CANALE MUGGINI | CM2 | 200 | 245.86 | 50.11 | 25.12 | 1.84 | 0.16 | 1.68 | 1.84 | 0.16 | 160.1 | 153.22 | 0.05 |
| CANALE MUGGINI | CM2 | 150 | 195.74 | 50.09 | 25.12 | 1.84 | 0.08 | 1.76 | 1.84 | 0.15 | 164.19 | 143.94 | 0.04 |
| CANALE MUGGINI | CM2 | 100 | 145.66 | 50 | 25.12 | 1.83 | 0.19 | 1.64 | 1.83 | 0.25 | 95.46 | 75.64 | 0.07 |
| CANALE MUGGINI | CM2 | 50 | 95.66 | 95.66 | 25.12 | 1.83 | 0.17 | 1.66 | 1.83 | 0.15 | 158.96 | 124.16 | 0.04 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 50 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y_{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM3 | 676 | 650.4 | 50 | 47.29 | 1.83 | 0 | 1.83 | 1.83 | 0.09 | 519.68 | 343.46 | 0.02 |
| CANALE MUGGINI | CM3 | 626 | 600.4 | 49.96 | 47.29 | 1.83 | -0.14 | 1.97 | 1.83 | 0.08 | 618.93 | 387.43 | 0.02 |
| CANALE MUGGINI | CM3 | 576 | 550.44 | 50.03 | 47.29 | 1.83 | -0.08 | 1.91 | 1.83 | 0.07 | 736.6 | 468.8 | 0.02 |
| CANALE MUGGINI | CM3 | 526 | 500.42 | 50.05 | 47.29 | 1.83 | -0.11 | 1.94 | 1.83 | 0.06 | 786.86 | 499.04 | 0.02 |
| CANALE MUGGINI | CM3 | 476 | 450.37 | 40.33 | 47.29 | 1.83 | -0.2 | 2.03 | 1.83 | 0.08 | 627.2 | 450 | 0.02 |
| CANALE MUGGINI | CM3 | 436 | 410.04 | 2 | 47.29 | 1.83 | 0 | 1.83 | 1.83 | 0.11 | 434.17 | 425.34 | 0.03 |
| CANALE MUGGINI | CM3 | 415.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM3 | 413 | 386.95 | 36.4 | 47.29 | 1.82 | 0 | 1.82 | 1.82 | 0.19 | 303.81 | 418.14 | 0.05 |
| CANALE MUGGINI | CM3 | 376 | 350.55 | 50.28 | 47.29 | 1.81 | 0.03 | 1.78 | 1.82 | 0.28 | 202.27 | 284.91 | 0.09 |
| CANALE MUGGINI | CM3 | 326 | 300.26 | 49.77 | 47.29 | 1.81 | 0.15 | 1.66 | 1.81 | 0.3 | 194.71 | 289.31 | 0.1 |
| CANALE MUGGINI | CM3 | 276 | 250.5 | 50.24 | 47.29 | 1.81 | 0.03 | 1.78 | 1.81 | 0.18 | 292.45 | 361.55 | 0.06 |
| CANALE MUGGINI | CM3 | 226 | 200.26 | 49.92 | 47.29 | 1.81 | 0.21 | 1.6 | 1.81 | 0.21 | 272.87 | 348.84 | 0.06 |
| CANALE MUGGINI | CM3 | 176 | 150.34 | 50.02 | 47.29 | 1.81 | 0.21 | 1.6 | 1.81 | 0.13 | 389.26 | 333.24 | 0.04 |
| CANALE MUGGINI | CM3 | 126 | 100.32 | 50.11 | 47.29 | 1.8 | -0.02 | 1.82 | 1.8 | 0.16 | 314.28 | 301.34 | 0.05 |
| CANALE MUGGINI | CM3 | 76 | 50.21 | 50.21 | 47.29 | 1.8 | 0.18 | 1.62 | 1.8 | 0.19 | 287.1 | 298.53 | 0.06 |
| CANALE MUGGINI | CM3 | 26 | | | 47.29 | 1.8 | 0.44 | 1.36 | 1.8 | 0.14 | 307.65 | 277.73 | 0.05 |

Q = Portata
P.L. = Quota pelo libero
 y_{max} = Battente idrico massimo
H = Livello energetico
v = Velocità media della corrente
A = Sezione bagnata
b = Larghezza della sezione bagnata
Fr = Numero di Froude

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA

Tempo di ritorno 100 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m ³ /s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m ²) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|--------------------------|-------------|--------------------|-------------------------|----------|------------|------------------------|----------|------|
| CANALE MUGGINI | CM1 | 3413 | 3459.02 | 61.16 | 25.39 | 136.7 | 135.91 | 0.74 | 137.47 | 4.01 | 6.33 | 15.71 | 2.02 |
| CANALE MUGGINI | CM1 | 3352 | 3397.85 | 126.98 | 25.39 | 133.8 | 132.89 | 0.89 | 134.65 | 4.14 | 6.13 | 11.87 | 1.84 |
| CANALE MUGGINI | CM1 | 3225 | 3270.88 | 97.01 | 25.39 | 127.4 | 126.02 | 1.4 | 128.56 | 4.73 | 5.37 | 9.23 | 1.98 |
| CANALE MUGGINI | CM1 | 3128 | 3173.86 | 133.59 | 25.39 | 114.4 | 113.85 | 0.53 | 116.69 | 6.73 | 3.77 | 13.41 | 4.05 |
| CANALE MUGGINI | CM1 | 2995 | 3040.27 | 17.95 | 25.39 | 109.1 | 107.96 | 1.15 | 109.54 | 2.91 | 8.71 | 19.82 | 1.4 |
| CANALE MUGGINI | CM1 | 2977 | 3022.32 | 67.28 | 25.39 | 108.3 | 107.35 | 0.99 | 108.86 | 3.21 | 7.91 | 14.29 | 1.38 |
| CANALE MUGGINI | CM1 | 2909 | 2955.04 | 60.13 | 25.39 | 106.2 | 105.67 | 0.54 | 106.78 | 3.36 | 7.56 | 21.35 | 1.8 |
| CANALE MUGGINI | CM1 | 2849 | 2894.9 | 81.31 | 25.39 | 105.1 | 104.17 | 0.89 | 105.31 | 2.22 | 11.44 | 30.04 | 1.15 |
| CANALE MUGGINI | CM1 | 2768 | 2813.59 | 102.24 | 25.39 | 104 | 103.39 | 0.56 | 104.08 | 1.66 | 16.16 | 71.15 | 1.03 |
| CANALE MUGGINI | CM1 | 2666 | 2711.35 | 34.47 | 25.39 | 102 | 100.95 | 1.04 | 102.01 | 0.65 | 39.71 | 66.41 | 0.26 |
| CANALE MUGGINI | CM1 | 2631 | 2676.88 | 69.75 | 25.39 | 101.2 | 100.29 | 0.88 | 101.38 | 2.03 | 12.51 | 29.83 | 1 |
| CANALE MUGGINI | CM1 | 2561 | 2607.14 | 57.55 | 25.39 | 94.91 | 94.19 | 0.72 | 96.23 | 5.07 | 5 | 14.58 | 2.77 |
| CANALE MUGGINI | CM1 | 2504 | 2549.59 | 63.24 | 25.39 | 93.18 | 92.25 | 0.93 | 93.75 | 3.33 | 7.62 | 14.45 | 1.47 |
| CANALE MUGGINI | CM1 | 2441 | 2486.35 | 62.3 | 25.39 | 91.42 | 90.76 | 0.66 | 91.93 | 3.15 | 8.06 | 22.23 | 1.67 |
| CANALE MUGGINI | CM1 | 2378 | 2424.06 | 49.52 | 25.39 | 90.26 | 89.24 | 1.02 | 90.65 | 2.75 | 9.23 | 15.27 | 1.13 |
| CANALE MUGGINI | CM1 | 2329 | 2374.54 | 82.5 | 25.39 | 87.22 | 86.05 | 1.17 | 88.14 | 4.25 | 5.98 | 7.95 | 1.56 |
| CANALE MUGGINI | CM1 | 2246 | 2292.03 | 54.17 | 25.39 | 60.28 | 59.81 | 0.47 | 66.34 | 10.9 | 2.33 | 12.82 | 8.16 |
| CANALE MUGGINI | CM1 | 2192 | 2237.86 | 33.49 | 25.39 | 57.21 | 55.76 | 1.45 | 57.32 | 1.47 | 17.33 | 16.77 | 0.46 |
| CANALE MUGGINI | CM1 | 2159 | 2204.38 | 47.81 | 25.39 | 55.98 | 54.61 | 1.37 | 56.36 | 2.75 | 9.22 | 11.93 | 1 |
| CANALE MUGGINI | CM1 | 2111 | 2156.57 | 57.46 | 25.39 | 53.66 | 52.97 | 0.69 | 54.42 | 3.85 | 6.59 | 14.05 | 1.8 |
| CANALE MUGGINI | CM1 | 2053 | 2099.11 | 75.18 | 25.39 | 52.89 | 52.03 | 0.86 | 53.17 | 2.34 | 10.85 | 23.95 | 1.11 |
| CANALE MUGGINI | CM1 | 1978 | 2023.93 | 75.3 | 25.39 | 51.89 | 51.12 | 0.77 | 52.1 | 2.03 | 12.72 | 39.36 | 1.07 |
| CANALE MUGGINI | CM1 | 1903 | 1948.64 | 50.87 | 25.39 | 50.4 | 48.92 | 1.48 | 50.74 | 2.58 | 9.85 | 15.68 | 1.04 |
| CANALE MUGGINI | CM1 | 1852 | 1897.77 | 50.53 | 25.39 | 49.08 | 48.1 | 0.98 | 49.58 | 3.14 | 8.09 | 11.57 | 1.2 |
| CANALE MUGGINI | CM1 | 1802 | 1847.24 | 50.52 | 25.39 | 47.65 | 47.02 | 0.63 | 48.23 | 3.35 | 7.58 | 20.51 | 1.76 |
| CANALE MUGGINI | CM1 | 1751 | 1796.72 | 55 | 25.39 | 46.53 | 45.36 | 1.17 | 46.99 | 3 | 8.47 | 14.41 | 1.25 |
| CANALE MUGGINI | CM1 | 1696 | 1741.72 | 42.67 | 25.39 | 45.62 | 44.49 | 1.13 | 46.04 | 2.87 | 8.86 | 16.69 | 1.26 |
| CANALE MUGGINI | CM1 | 1653 | 1699.05 | 51.23 | 25.39 | 44.22 | 43.3 | 0.92 | 44.77 | 3.29 | 7.73 | 15.16 | 1.47 |
| CANALE MUGGINI | CM1 | 1602 | 1647.82 | 54.1 | 25.39 | 42.99 | 42.01 | 0.98 | 43.49 | 3.14 | 8.09 | 17.29 | 1.46 |
| CANALE MUGGINI | CM1 | 1548 | 1593.72 | 50.64 | 25.39 | 31.71 | 31.11 | 0.6 | 34.29 | 7.11 | 3.57 | 10.87 | 3.96 |
| CANALE MUGGINI | CM1 | 1497 | 1543.08 | 51.96 | 25.39 | 28.18 | 27.08 | 1.1 | 29.66 | 5.39 | 4.71 | 7.4 | 2.16 |
| CANALE MUGGINI | CM1 | 1445 | 1491.12 | 50.97 | 25.39 | 25.09 | 23.97 | 1.12 | 26.67 | 5.58 | 4.55 | 6.52 | 2.13 |
| CANALE MUGGINI | CM1 | 1394 | 1440.15 | 51.1 | 25.39 | 21.81 | 20.68 | 1.13 | 23.18 | 5.18 | 4.9 | 13.29 | 2.72 |
| CANALE MUGGINI | CM1 | 1343 | 1389.05 | 53.49 | 25.39 | 19.64 | 18.58 | 1.06 | 20.63 | 4.4 | 5.77 | 8.41 | 1.7 |
| CANALE MUGGINI | CM1 | 1290 | 1335.56 | 50.06 | 25.39 | 20.15 | 17.93 | 2.22 | 20.18 | 0.76 | 33.23 | 21.27 | 0.2 |
| CANALE MUGGINI | CM1 | 1240 | 1285.51 | 50.39 | 25.39 | 20.14 | 17.33 | 2.81 | 20.17 | 0.75 | 33.77 | 22.82 | 0.2 |
| CANALE MUGGINI | CM1 | 1189 | 1235.12 | 48.26 | 25.39 | 18.4 | 16.85 | 1.55 | 18.85 | 2.98 | 8.53 | 9.48 | 1 |
| CANALE MUGGINI | CM1 | 1141 | 1186.86 | 41.2 | 25.39 | 17.58 | 14.26 | 3.32 | 17.6 | 0.64 | 41.11 | 58.85 | 0.23 |
| CANALE MUGGINI | CM1 | 1100 | 1145.66 | 53.6 | 25.39 | 16.87 | 16.37 | 0.5 | 17.05 | 1.85 | 13.49 | 37.81 | 1 |
| CANALE MUGGINI | CM1 | 1046 | 1092.07 | 46.01 | 25.39 | 12.44 | 11.06 | 1.38 | 13.47 | 4.5 | 5.64 | 8.09 | 1.72 |
| CANALE MUGGINI | CM1 | 1000 | 1046.06 | 51.25 | 25.39 | 11.32 | 10.06 | 1.26 | 11.92 | 3.43 | 7.41 | 17.91 | 1.7 |
| CANALE MUGGINI | CM1 | 949 | 994.81 | 52.6 | 25.39 | 10.16 | 8.96 | 1.2 | 10.54 | 2.72 | 9.34 | 21.67 | 1.32 |
| CANALE MUGGINI | CM1 | 897 | 942.22 | 50.06 | 25.39 | 8.85 | 7.5 | 1.35 | 9.25 | 2.8 | 9.2 | 28.55 | 1.44 |
| CANALE MUGGINI | CM1 | 846 | 892.16 | 50.36 | 25.39 | 8.41 | 6.54 | 1.87 | 8.44 | 0.71 | 41.95 | 70.8 | 0.24 |
| CANALE MUGGINI | CM1 | 796 | 841.8 | 21.07 | 25.39 | 8.43 | 5.52 | 2.91 | 8.43 | 0.27 | 133.57 | 155.54 | 0.07 |
| CANALE MUGGINI | CM1 | 775 | 820.74 | 4 | 25.39 | 8.43 | 5.01 | 3.42 | 8.43 | 0.15 | 238.02 | 239.07 | 0.04 |
| CANALE MUGGINI | CM1 | 771 | 816.74 | 16.42 | 25.39 | 6.71 | 4.6 | 2.11 | 7.14 | 3.06 | 13.05 | 29.69 | 0.78 |
| CANALE MUGGINI | CM1 | 760.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 755 | 800.32 | 3.48 | 25.39 | 6.91 | 4.5 | 2.41 | 6.97 | 1.46 | 60.5 | 148.61 | 0.34 |
| CANALE MUGGINI | CM1 | 751 | 796.84 | 5.12 | 25.39 | 6.94 | 4.48 | 2.46 | 6.97 | 1.29 | 71.95 | 157.21 | 0.29 |
| CANALE MUGGINI | CM1 | 746 | 791.72 | 5.02 | 25.39 | 6.95 | 4.45 | 2.5 | 6.97 | 1 | 91.54 | 162.49 | 0.22 |
| CANALE MUGGINI | CM1 | 741 | 786.7 | 1 | 25.39 | 6.96 | 4.38 | 2.58 | 6.97 | 0.83 | 109.78 | 181.5 | 0.18 |
| CANALE MUGGINI | CM1 | 740.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 736 | 781.68 | 10.02 | 25.39 | 6.44 | 4.28 | 2.16 | 6.57 | 2.21 | 39.3 | 116.66 | 0.53 |
| CANALE MUGGINI | CM1 | 726 | 771.66 | 5 | 25.39 | 6.47 | 4.09 | 2.38 | 6.51 | 1.34 | 68.78 | 149.11 | 0.3 |
| CANALE MUGGINI | CM1 | 721 | 766.66 | 3 | 25.39 | 6.48 | 3.99 | 2.49 | 6.51 | 1.21 | 76.48 | 153.59 | 0.27 |
| CANALE MUGGINI | CM1 | 720.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 716 | 761.66 | 5 | 25.39 | 6.41 | 3.9 | 2.51 | 6.44 | 1.24 | 74.26 | 149.85 | 0.27 |
| CANALE MUGGINI | CM1 | 711 | 756.65 | 1 | 25.39 | 6.42 | 3.81 | 2.61 | 6.44 | 1.03 | 89.54 | 165.67 | 0.22 |
| CANALE MUGGINI | CM1 | 710.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 706 | 751.65 | 3 | 25.39 | 6.4 | 3.71 | 2.69 | 6.41 | 0.87 | 104.12 | 167.18 | 0.18 |
| CANALE MUGGINI | CM1 | 705.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 701 | 746.64 | 5 | 25.39 | 5.81 | 3.62 | 2.19 | 5.96 | 2.3 | 35.69 | 107.79 | 0.55 |
| CANALE MUGGINI | CM1 | 696 | 741.64 | 5 | 25.39 | 5.75 | 3.52 | 2.23 | 5.92 | 2.34 | 36.55 | 126.35 | 0.55 |
| CANALE MUGGINI | CM1 | 691 | 736.64 | 1 | 25.39 | 5.87 | 3.44 | 2.43 | 5.91 | 1.31 | 70.74 | 159.01 | 0.29 |
| CANALE MUGGINI | CM1 | 690.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 686 | 731.64 | 10 | 25.39 | 5.81 | 3.36 | 2.45 | 5.84 | 1.23 | 79.04 | 172.39 | 0.27 |
| CANALE MUGGINI | CM1 | 676 | 721.63 | 5 | 25.39 | 5.83 | 3.19 | 2.64 | 5.84 | 0.86 | 109.45 | 202.25 | 0.19 |
| CANALE MUGGINI | CM1 | 671 | 716.63 | 1 | 25.39 | 5.83 | 3.11 | 2.72 | 5.84 | 0.77 | 126.61 | 234.7 | 0.16 |
| CANALE MUGGINI | CM1 | 670.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 666 | 711.63 | 5 | 25.39 | 5.3 | 3.03 | 2.27 | 5.44 | 2.17 | 41.16 | 145.33 | 0.51 |
| CANALE MUGGINI | CM1 | 661 | 706.63 | 5 | 25.39 | 5.31 | 2.95 | 2.36 | 5.39 | 1.78 | 57.64 | 187.52 | 0.41 |
| CANALE MUGGINI | CM1 | 656 | 701.63 | 5 | 25.39 | 5.37 | 2.86 | 2.51 | 5.39 | 1.2 | 83.92 | 207.4 | 0.27 |
| CANALE MUGGINI | CM1 | 651 | 696.62 | 5 | 25.39 | 5.38 | 2.78 | 2.6 | 5.39 | 0.8 | 128.5 | 243.55 | 0.17 |
| CANALE MUGGINI | CM1 | 646 | 691.62 | 1 | 25.39 | 5.39 | 2.7 | 2.69 | 5.39 | 0.67 | 148.44 | 250.34 | 0.14 |
| CANALE MUGGINI | CM1 | 645.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 640 | 686.08 | 11.09 | 25.39 | 4.81 | 2.6 | 2.21 | 4.96 | 2.25 | 38.99 | 137.85 | 0.54 |
| CANALE MUGGINI | CM1 | 629 | 674.99 | 5.54 | 25.39 | 4.81 | 2.4 | 2.41 | 4.84 | 1.34 | 69.38 | 164.44 | 0.3 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 100 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 624 | 669.44 | 0.5 | 25.39 | 4.81 | 2.3 | 2.51 | 4.84 | 1.17 | 83.36 | 180.6 | 0.26 |
| CANALE MUGGINI | CM1 | 620.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 618 | 663.9 | 5.55 | 25.39 | 4.67 | 2.2 | 2.47 | 4.72 | 1.46 | 64.85 | 162.31 | 0.33 |
| CANALE MUGGINI | CM1 | 613 | 658.35 | 5.55 | 25.39 | 4.69 | 2.1 | 2.59 | 4.72 | 1.22 | 76.13 | 165.21 | 0.26 |
| CANALE MUGGINI | CM1 | 607 | 652.81 | 5.55 | 25.39 | 4.5 | 2 | 2.5 | 4.58 | 1.71 | 53.47 | 136.82 | 0.38 |
| CANALE MUGGINI | CM1 | 602 | 647.26 | 0.5 | 25.39 | 4.54 | 1.9 | 2.64 | 4.58 | 1.25 | 76.84 | 168.23 | 0.27 |
| CANALE MUGGINI | CM1 | 600.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 596 | 641.71 | 5 | 25.39 | 4.4 | 1.8 | 2.6 | 4.45 | 1.45 | 68.12 | 174.76 | 0.31 |
| CANALE MUGGINI | CM1 | 591 | 636.71 | 5 | 25.39 | 4.43 | 1.66 | 2.77 | 4.45 | 1.03 | 95.93 | 181.7 | 0.21 |
| CANALE MUGGINI | CM1 | 586 | 631.71 | 5 | 25.39 | 3.85 | 1.59 | 2.26 | 4.03 | 2.37 | 33.99 | 107.26 | 0.56 |
| CANALE MUGGINI | CM1 | 581 | 626.71 | 5 | 25.39 | 3.89 | 1.52 | 2.37 | 3.96 | 1.66 | 52.14 | 133.6 | 0.38 |
| CANALE MUGGINI | CM1 | 576 | 621.71 | 5 | 25.39 | 3.92 | 1.46 | 2.46 | 3.95 | 1.36 | 68.65 | 161.88 | 0.3 |
| CANALE MUGGINI | CM1 | 571 | 616.71 | 0.5 | 25.39 | 3.93 | 1.39 | 2.54 | 3.95 | 1.08 | 89.67 | 182.39 | 0.24 |
| CANALE MUGGINI | CM1 | 570.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 566 | 611.71 | 10 | 25.39 | 3.42 | 1.32 | 2.1 | 3.56 | 2.23 | 34.47 | 84.41 | 0.55 |
| CANALE MUGGINI | CM1 | 556 | 601.71 | 5.04 | 25.39 | 3.46 | 1.18 | 2.28 | 3.55 | 1.87 | 44.27 | 123.32 | 0.44 |
| CANALE MUGGINI | CM1 | 551 | 596.67 | 5.04 | 25.39 | 3.49 | 1.11 | 2.38 | 3.55 | 1.65 | 51.3 | 139.05 | 0.38 |
| CANALE MUGGINI | CM1 | 546 | 591.63 | 4.47 | 25.39 | 3.53 | 1.1 | 2.43 | 3.55 | 1.16 | 75.24 | 170.07 | 0.26 |
| CANALE MUGGINI | CM1 | 541 | 587.16 | 0.5 | 25.39 | 3.53 | 1.09 | 2.44 | 3.55 | 1.03 | 83.81 | 170.14 | 0.23 |
| CANALE MUGGINI | CM1 | 540.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 537 | 582.28 | 4.97 | 25.39 | 3.51 | 1.08 | 2.43 | 3.52 | 0.93 | 92.92 | 163.34 | 0.21 |
| CANALE MUGGINI | CM1 | 532 | 577.32 | 5.05 | 25.39 | 3.51 | 1.07 | 2.44 | 3.52 | 0.82 | 98.91 | 143.29 | 0.18 |
| CANALE MUGGINI | CM1 | 527 | 572.26 | 5.17 | 25.39 | 3.51 | 1.05 | 2.46 | 3.52 | 0.78 | 103 | 149.92 | 0.17 |
| CANALE MUGGINI | CM1 | 521 | 567.09 | 5.36 | 25.39 | 3.52 | 1.04 | 2.48 | 3.52 | 0.74 | 106.46 | 155.67 | 0.16 |
| CANALE MUGGINI | CM1 | 516 | 561.73 | 0.5 | 25.39 | 3.51 | 1.03 | 2.48 | 3.52 | 0.83 | 103.49 | 167.78 | 0.18 |
| CANALE MUGGINI | CM1 | 515.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 511 | 556.41 | 5.3 | 25.39 | 2.95 | 1.02 | 1.93 | 3.1 | 2.34 | 37.38 | 132.7 | 0.61 |
| CANALE MUGGINI | CM1 | 505 | 551.11 | 5.27 | 25.39 | 2.88 | 1.01 | 1.87 | 3.04 | 2.47 | 36.87 | 152.61 | 0.65 |
| CANALE MUGGINI | CM1 | 500 | 545.84 | 5.26 | 25.39 | 2.87 | 1 | 1.87 | 3.03 | 2.48 | 38.71 | 160.19 | 0.66 |
| CANALE MUGGINI | CM1 | 495 | 540.59 | 21.87 | 25.39 | 2.92 | 1 | 1.92 | 3.03 | 2.13 | 46.21 | 166.4 | 0.55 |
| CANALE MUGGINI | CM1 | 473 | 518.71 | 28.43 | 25.39 | 2.95 | 0.98 | 1.97 | 2.96 | 0.76 | 115.13 | 216.13 | 0.19 |
| CANALE MUGGINI | CM1 | 445 | 490.29 | 16.52 | 25.39 | 2.96 | 0.97 | 1.99 | 2.96 | 0.52 | 154.01 | 240.88 | 0.13 |
| CANALE MUGGINI | CM1 | 428 | 473.77 | 9.6 | 25.39 | 2.95 | 0.92 | 2.03 | 2.95 | 0.58 | 160.94 | 256.31 | 0.13 |
| CANALE MUGGINI | CM1 | 420.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 418 | 464.17 | 16.86 | 25.39 | 2.95 | 0.92 | 2.03 | 2.95 | 0.51 | 178.69 | 279.67 | 0.11 |
| CANALE MUGGINI | CM1 | 402 | 447.3 | 12.19 | 25.39 | 2.95 | 0.91 | 2.04 | 2.95 | 0.32 | 259.95 | 332.8 | 0.07 |
| CANALE MUGGINI | CM1 | 389 | 435.11 | 4 | 25.39 | 2.8 | 0.9 | 1.9 | 2.84 | 1.2 | 56.24 | 106.19 | 0.28 |
| CANALE MUGGINI | CM1 | 385.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 377 | 422.9 | 6.26 | 25.39 | 2.77 | 0.9 | 1.87 | 2.8 | 1.01 | 71.28 | 103.81 | 0.24 |
| CANALE MUGGINI | CM1 | 371 | 416.65 | 25.58 | 25.39 | 2.78 | 0.86 | 1.92 | 2.8 | 0.51 | 67.44 | 93.33 | 0.19 |
| CANALE MUGGINI | CM1 | 345 | 391.06 | 45.92 | 25.39 | 1.93 | 0.75 | 1.18 | 2.15 | 2.1 | 12.1 | 26.79 | 1 |
| CANALE MUGGINI | CM1 | 299 | 345.15 | 50.01 | 25.39 | 1.85 | 0.59 | 1.26 | 1.85 | 0.19 | 76.19 | 65.92 | 0.08 |
| CANALE MUGGINI | CM1 | 249 | 295.14 | 49.06 | 25.39 | 1.85 | 0.53 | 1.32 | 1.85 | 0.09 | 123.13 | 103.83 | 0.04 |
| CANALE MUGGINI | CM1 | 200 | 246.07 | 50.1 | 25.39 | 1.83 | 0.24 | 1.59 | 1.84 | 0.17 | 84.62 | 108.3 | 0.08 |
| CANALE MUGGINI | CM1 | 150 | 195.98 | 50.03 | 25.39 | 1.84 | 0.09 | 1.75 | 1.84 | 0.18 | 145.16 | 152.82 | 0.06 |
| CANALE MUGGINI | CM1 | 100 | 145.95 | 50.03 | 25.39 | 1.84 | 0.09 | 1.75 | 1.84 | 0.13 | 201.17 | 168.18 | 0.04 |
| CANALE MUGGINI | CM1 | 50 | 95.92 | 95.92 | 25.39 | 1.84 | -0.15 | 1.99 | 1.84 | 0.1 | 252.14 | 192.44 | 0.03 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA

Tempo di ritorno 100 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM2 | 3180 | 3217.01 | 38.41 | 28.05 | 72.88 | 71.13 | 1.75 | 73.52 | 3.55 | 7.89 | 11.49 | 1.37 |
| CANALE MUGGINI | CM2 | 3141 | 3178.6 | 51.67 | 28.05 | 70.69 | 69.07 | 1.62 | 71.62 | 4.28 | 6.55 | 10.71 | 1.75 |
| CANALE MUGGINI | CM2 | 3089 | 3126.93 | 51.11 | 28.05 | 65.6 | 64.79 | 0.81 | 67.08 | 5.4 | 5.2 | 14.01 | 2.83 |
| CANALE MUGGINI | CM2 | 3038 | 3075.82 | 51.47 | 28.05 | 63.44 | 62.54 | 0.9 | 63.87 | 2.91 | 9.65 | 34.96 | 1.77 |
| CANALE MUGGINI | CM2 | 2987 | 3024.35 | 51.18 | 28.05 | 61.56 | 60.2 | 1.36 | 62.1 | 3.24 | 8.65 | 14.85 | 1.36 |
| CANALE MUGGINI | CM2 | 2936 | 2973.17 | 50.04 | 28.05 | 60.36 | 59 | 1.36 | 60.95 | 3.4 | 8.26 | 12.42 | 1.33 |
| CANALE MUGGINI | CM2 | 2886 | 2923.13 | 50.37 | 28.05 | 58.68 | 57.3 | 1.38 | 59.43 | 3.84 | 7.31 | 10.51 | 1.47 |
| CANALE MUGGINI | CM2 | 2835 | 2872.76 | 51.16 | 28.05 | 57.56 | 55.98 | 1.58 | 58.28 | 3.75 | 7.47 | 11 | 1.45 |
| CANALE MUGGINI | CM2 | 2784 | 2821.6 | 51.83 | 28.05 | 55.97 | 54.32 | 1.65 | 56.76 | 3.94 | 7.13 | 11.6 | 1.6 |
| CANALE MUGGINI | CM2 | 2732 | 2769.76 | 62.6 | 28.05 | 54.28 | 53.15 | 1.13 | 55.09 | 3.99 | 7.03 | 13.03 | 1.73 |
| CANALE MUGGINI | CM2 | 2670 | 2707.16 | 61.7 | 28.05 | 52.59 | 51.33 | 1.26 | 53.31 | 3.75 | 7.47 | 11.85 | 1.51 |
| CANALE MUGGINI | CM2 | 2608 | 2645.47 | 52.08 | 28.05 | 50.14 | 48.73 | 1.41 | 51.06 | 4.24 | 6.61 | 9.77 | 1.65 |
| CANALE MUGGINI | CM2 | 2556 | 2593.39 | 52.54 | 28.05 | 47.68 | 46.12 | 1.56 | 48.81 | 4.7 | 5.97 | 8.06 | 1.74 |
| CANALE MUGGINI | CM2 | 2503 | 2540.85 | 50.84 | 28.05 | 45.56 | 44.34 | 1.22 | 46.75 | 4.84 | 5.8 | 8.53 | 1.87 |
| CANALE MUGGINI | CM2 | 2453 | 2490.01 | 49.82 | 28.05 | 43.54 | 42.3 | 1.24 | 44.75 | 4.87 | 5.76 | 8.61 | 1.9 |
| CANALE MUGGINI | CM2 | 2403 | 2440.19 | 53.99 | 28.05 | 41.46 | 39.97 | 1.49 | 42.71 | 4.95 | 5.66 | 7.56 | 1.83 |
| CANALE MUGGINI | CM2 | 2349 | 2386.2 | 48.88 | 28.05 | 38.66 | 37.43 | 1.23 | 40.05 | 5.22 | 5.37 | 8.21 | 2.06 |
| CANALE MUGGINI | CM2 | 2300 | 2337.32 | 50.81 | 28.05 | 37.21 | 35.82 | 1.39 | 38.11 | 4.2 | 6.68 | 11.5 | 1.76 |
| CANALE MUGGINI | CM2 | 2249 | 2286.51 | 50.54 | 28.05 | 35.26 | 34.29 | 0.97 | 36.18 | 4.26 | 6.59 | 12.36 | 1.86 |
| CANALE MUGGINI | CM2 | 2198 | 2235.97 | 52.2 | 28.05 | 34.27 | 33.28 | 0.99 | 34.74 | 3.04 | 9.24 | 18.64 | 1.38 |
| CANALE MUGGINI | CM2 | 2146 | 2183.77 | 51.42 | 28.05 | 33.32 | 32.17 | 1.15 | 33.69 | 2.68 | 10.47 | 22.98 | 1.27 |
| CANALE MUGGINI | CM2 | 2095 | 2132.35 | 50.16 | 28.05 | 31.55 | 30.85 | 0.7 | 32.06 | 3.15 | 8.91 | 21.93 | 1.58 |
| CANALE MUGGINI | CM2 | 2045 | 2082.19 | 51.34 | 28.05 | 29.44 | 28.16 | 1.28 | 30.14 | 3.72 | 7.55 | 11.69 | 1.48 |
| CANALE MUGGINI | CM2 | 1993 | 2030.85 | 51.91 | 28.05 | 28.16 | 26.79 | 1.37 | 28.88 | 3.77 | 7.44 | 10.9 | 1.46 |
| CANALE MUGGINI | CM2 | 1941 | 1978.94 | 54.69 | 28.05 | 27.23 | 25.72 | 1.51 | 27.72 | 3.1 | 9.06 | 17.34 | 1.37 |
| CANALE MUGGINI | CM2 | 1887 | 1924.25 | 50.99 | 28.05 | 25.63 | 24.52 | 1.11 | 26.19 | 3.32 | 8.45 | 17.14 | 1.51 |
| CANALE MUGGINI | CM2 | 1836 | 1873.26 | 44.17 | 28.05 | 25.23 | 24.25 | 0.98 | 25.48 | 2.2 | 12.73 | 25.82 | 1 |
| CANALE MUGGINI | CM2 | 1792 | 1829.09 | 51.3 | 28.05 | 23.62 | 22.33 | 1.29 | 24.13 | 3.16 | 8.88 | 12.37 | 1.19 |
| CANALE MUGGINI | CM2 | 1740 | 1777.79 | 50.28 | 28.05 | 22.93 | 21.72 | 1.21 | 23.3 | 2.72 | 10.29 | 21.18 | 1.25 |
| CANALE MUGGINI | CM2 | 1690 | 1727.51 | 50.01 | 28.05 | 22.05 | 20.98 | 1.07 | 22.33 | 2.34 | 11.97 | 34.79 | 1.28 |
| CANALE MUGGINI | CM2 | 1640 | 1677.5 | 50.04 | 28.05 | 21.17 | 20.48 | 0.69 | 21.38 | 2.03 | 13.81 | 43.79 | 1.15 |
| CANALE MUGGINI | CM2 | 1590 | 1627.47 | 44.13 | 28.05 | 19.92 | 19.37 | 0.55 | 20.17 | 2.24 | 12.69 | 51.49 | 1.42 |
| CANALE MUGGINI | CM2 | 1546 | 1583.34 | 50.7 | 28.05 | 18.81 | 17.84 | 0.97 | 19.09 | 2.31 | 12.12 | 33.71 | 1.23 |
| CANALE MUGGINI | CM2 | 1495 | 1532.64 | 48.2 | 28.05 | 18.04 | 17.29 | 0.75 | 18.2 | 1.9 | 15.87 | 54.57 | 1.04 |
| CANALE MUGGINI | CM2 | 1447 | 1484.44 | 4 | 28.05 | 17.39 | 16.8 | 0.59 | 17.4 | 0.57 | 50.28 | 124.96 | 0.27 |
| CANALE MUGGINI | CM2 | 1443 | 1480.44 | 1 | 28.05 | 17.39 | 17.03 | 0.36 | 17.4 | 0.21 | 66.82 | 114.33 | 0.14 |
| CANALE MUGGINI | CM2 | 1430.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 1421 | 1466.44 | 3 | 28.05 | 17.24 | 16.4 | 0.84 | 17.24 | 0.09 | 190.98 | 143.64 | 0.03 |
| CANALE MUGGINI | CM2 | 1393 | 1463.44 | 79 | 28.05 | 17.23 | 16.13 | 1.1 | 17.24 | 0.15 | 133.19 | 96.19 | 0.05 |
| CANALE MUGGINI | CM2 | 1343 | 1384.44 | 46.16 | 28.05 | 16.04 | 15.17 | 0.87 | 16.34 | 2.48 | 11.75 | 19.28 | 0.98 |
| CANALE MUGGINI | CM2 | 1296 | 1338.27 | 47.37 | 28.05 | 15.04 | 13.68 | 1.36 | 15.45 | 2.86 | 9.84 | 16.58 | 1.17 |
| CANALE MUGGINI | CM2 | 1249 | 1290.9 | 49.32 | 28.05 | 13.79 | 12.77 | 1.02 | 14.24 | 3.06 | 9.56 | 33.02 | 1.74 |
| CANALE MUGGINI | CM2 | 1200 | 1241.58 | 51.54 | 28.05 | 12.92 | 11.79 | 1.13 | 13.11 | 1.98 | 14.73 | 45.8 | 1.06 |
| CANALE MUGGINI | CM2 | 1148 | 1190.05 | 49.63 | 28.05 | 12.03 | 10.74 | 1.29 | 12.26 | 2.16 | 13.5 | 39.36 | 1.08 |
| CANALE MUGGINI | CM2 | 1099 | 1140.41 | 50.2 | 28.05 | 11.01 | 9.59 | 1.42 | 11.28 | 2.37 | 12.16 | 36.96 | 1.27 |
| CANALE MUGGINI | CM2 | 1048 | 1090.22 | 50.52 | 28.05 | 10.41 | 8.83 | 1.58 | 10.61 | 2.03 | 14.36 | 37.13 | 0.99 |
| CANALE MUGGINI | CM2 | 998 | 1039.69 | 50.75 | 28.05 | 9.48 | 7.86 | 1.62 | 9.76 | 2.37 | 12.13 | 24.77 | 1.04 |
| CANALE MUGGINI | CM2 | 947 | 988.94 | 47.63 | 28.05 | 8.71 | 7.21 | 1.5 | 9.02 | 2.49 | 11.27 | 20.03 | 1.06 |
| CANALE MUGGINI | CM2 | 900 | 941.31 | 50.68 | 28.05 | 8.38 | 6.55 | 1.83 | 8.45 | 1.17 | 24.28 | 32.09 | 0.43 |
| CANALE MUGGINI | CM2 | 849 | 890.62 | 12.3 | 28.05 | 8.41 | 5.74 | 2.67 | 8.44 | 1.11 | 66.16 | 74.47 | 0.22 |
| CANALE MUGGINI | CM2 | 840.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 825 | 866.37 | 24.48 | 28.05 | 7.24 | 5.28 | 1.96 | 7.54 | 3.05 | 20.47 | 36.22 | 0.7 |
| CANALE MUGGINI | CM2 | 800 | 841.89 | 51.16 | 28.05 | 6.41 | 5 | 1.41 | 6.91 | 4 | 15.1 | 30.71 | 1.08 |
| CANALE MUGGINI | CM2 | 749 | 790.73 | 51.72 | 28.05 | 4.98 | 4.38 | 0.6 | 5.7 | 5.09 | 8.23 | 57.7 | 2.92 |
| CANALE MUGGINI | CM2 | 697 | 739 | 50.85 | 28.05 | 5.14 | 4.2 | 0.94 | 5.17 | 0.67 | 38.42 | 102.03 | 0.34 |
| CANALE MUGGINI | CM2 | 646 | 688.15 | 50.02 | 28.05 | 4.35 | 4.06 | 0.29 | 4.52 | 1.18 | 15.68 | 49.62 | 0.89 |
| CANALE MUGGINI | CM2 | 596 | 638.13 | 39.12 | 28.05 | 4.42 | 3.48 | 0.94 | 4.43 | 0.48 | 55.22 | 92.15 | 0.2 |
| CANALE MUGGINI | CM2 | 557 | 599.02 | 3 | 28.05 | 4.41 | 3.23 | 1.18 | 4.42 | 0.48 | 61.03 | 102.14 | 0.19 |
| CANALE MUGGINI | CM2 | 550.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 543 | 588.28 | 47.21 | 28.05 | 3.26 | 2.94 | 0.32 | 3.43 | 0.79 | 15.51 | 45.93 | 0.78 |
| CANALE MUGGINI | CM2 | 496 | 541.07 | 50.95 | 28.05 | 2.9 | 1.85 | 1.05 | 2.99 | 1.42 | 21.55 | 60.57 | 0.71 |
| CANALE MUGGINI | CM2 | 445 | 490.12 | 50.19 | 28.05 | 2.65 | 1.88 | 0.77 | 2.73 | 1.11 | 22.58 | 63.47 | 0.64 |
| CANALE MUGGINI | CM2 | 395 | 439.93 | 50.14 | 28.05 | 2.03 | 1.56 | 0.47 | 2.15 | 1.54 | 18.16 | 76.28 | 1 |
| CANALE MUGGINI | CM2 | 344 | 389.79 | 50.01 | 28.05 | 1.86 | 1.46 | 0.4 | 1.88 | 0.52 | 43.6 | 134.88 | 0.32 |
| CANALE MUGGINI | CM2 | 294 | 339.78 | 51.1 | 28.05 | 1.86 | 1.21 | 0.65 | 1.87 | 0.29 | 81.29 | 150.99 | 0.14 |
| CANALE MUGGINI | CM2 | 243 | 288.68 | 15.45 | 28.05 | 1.86 | 0.39 | 1.47 | 1.86 | 0.27 | 94.86 | 117.53 | 0.1 |
| CANALE MUGGINI | CM2 | 228 | 273.22 | 13.06 | 28.05 | 1.86 | 0.44 | 1.42 | 1.86 | 0.28 | 100.81 | 120.11 | 0.1 |
| CANALE MUGGINI | CM2 | 220.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 215 | 260.16 | 14.3 | 28.05 | 1.85 | 0.37 | 1.48 | 1.85 | 0.22 | 130.59 | 122.44 | 0.07 |
| CANALE MUGGINI | CM2 | 200 | 245.86 | 50.11 | 28.05 | 1.85 | 0.16 | 1.69 | 1.85 | 0.18 | 161.46 | 153.25 | 0.05 |
| CANALE MUGGINI | CM2 | 150 | 195.74 | 50.09 | 28.05 | 1.85 | 0.08 | 1.77 | 1.85 | 0.17 | 165.44 | 144.08 | 0.05 |
| CANALE MUGGINI | CM2 | 100 | 145.66 | 50 | 28.05 | 1.83 | 0.19 | 1.64 | 1.84 | 0.28 | 95.92 | 75.7 | 0.08 |
| CANALE MUGGINI | CM2 | 50 | 95.66 | 95.66 | 28.05 | 1.83 | 0.17 | 1.66 | 1.84 | 0.17 | 159.77 | 124.25 | 0.05 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
 Tempo di ritorno 100 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM3 | 676 | 650.4 | 50 | 52.8 | 1.83 | 0 | 1.83 | 1.84 | 0.1 | 521.94 | 343.5 | 0.03 |
| CANALE MUGGINI | CM3 | 626 | 600.4 | 49.96 | 52.8 | 1.83 | -0.14 | 1.97 | 1.83 | 0.09 | 621.47 | 387.47 | 0.02 |
| CANALE MUGGINI | CM3 | 576 | 550.44 | 50.03 | 52.8 | 1.83 | -0.08 | 1.91 | 1.83 | 0.07 | 739.68 | 468.9 | 0.02 |
| CANALE MUGGINI | CM3 | 526 | 500.42 | 50.05 | 52.8 | 1.83 | -0.11 | 1.94 | 1.83 | 0.07 | 790.12 | 499.04 | 0.02 |
| CANALE MUGGINI | CM3 | 476 | 450.37 | 40.33 | 52.8 | 1.83 | -0.2 | 2.03 | 1.83 | 0.09 | 630.09 | 450 | 0.02 |
| CANALE MUGGINI | CM3 | 436 | 410.04 | 2 | 52.8 | 1.83 | 0 | 1.83 | 1.83 | 0.12 | 436.74 | 425.34 | 0.03 |
| CANALE MUGGINI | CM3 | 415.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM3 | 413 | 386.95 | 36.4 | 52.8 | 1.83 | 0 | 1.83 | 1.83 | 0.21 | 306 | 418.14 | 0.05 |
| CANALE MUGGINI | CM3 | 376 | 350.55 | 50.28 | 52.8 | 1.82 | 0.03 | 1.79 | 1.82 | 0.31 | 203.2 | 285.02 | 0.1 |
| CANALE MUGGINI | CM3 | 326 | 300.26 | 49.77 | 52.8 | 1.81 | 0.15 | 1.66 | 1.81 | 0.33 | 195.26 | 289.32 | 0.11 |
| CANALE MUGGINI | CM3 | 276 | 250.5 | 50.24 | 52.8 | 1.81 | 0.03 | 1.78 | 1.81 | 0.2 | 293.12 | 361.55 | 0.06 |
| CANALE MUGGINI | CM3 | 226 | 200.26 | 49.92 | 52.8 | 1.81 | 0.21 | 1.6 | 1.81 | 0.23 | 273.34 | 349.03 | 0.07 |
| CANALE MUGGINI | CM3 | 176 | 150.34 | 50.02 | 52.8 | 1.81 | 0.21 | 1.6 | 1.81 | 0.15 | 389.69 | 333.24 | 0.04 |
| CANALE MUGGINI | CM3 | 126 | 100.32 | 50.11 | 52.8 | 1.8 | -0.02 | 1.82 | 1.81 | 0.17 | 314.52 | 301.34 | 0.05 |
| CANALE MUGGINI | CM3 | 76 | 50.21 | 50.21 | 52.8 | 1.8 | 0.18 | 1.62 | 1.8 | 0.21 | 287.17 | 298.53 | 0.06 |
| CANALE MUGGINI | CM3 | 26 | | | 52.8 | 1.8 | 0.44 | 1.36 | 1.8 | 0.16 | 307.65 | 277.73 | 0.05 |

Q = Portata
 P.L. = Quota pelo libero
 y_{max}= Battente idrico massimo
 H = Livello energetico
 v = Velocità media della corrente
 A = Sezione bagnata
 b = Larghezza della sezione bagnata
 Fr = Numero di Froude

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA

Tempo di ritorno 200 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 3413 | 3459.02 | 61.16 | 31.6 | 136.7 | 135.91 | 0.8 | 137.67 | 4.34 | 7.28 | 16.05 | 2.06 |
| CANALE MUGGINI | CM1 | 3352 | 3397.85 | 126.98 | 31.6 | 133.9 | 132.89 | 0.97 | 134.87 | 4.46 | 7.09 | 12.16 | 1.86 |
| CANALE MUGGINI | CM1 | 3225 | 3270.88 | 97.01 | 31.6 | 127.5 | 126.02 | 1.5 | 128.81 | 5.03 | 6.28 | 9.7 | 2 |
| CANALE MUGGINI | CM1 | 3128 | 3173.86 | 133.59 | 31.6 | 114.4 | 113.85 | 0.58 | 116.97 | 7.06 | 4.47 | 13.91 | 3.98 |
| CANALE MUGGINI | CM1 | 2995 | 3040.27 | 17.95 | 31.6 | 109.5 | 107.96 | 1.58 | 109.7 | 1.78 | 17.76 | 22.1 | 0.63 |
| CANALE MUGGINI | CM1 | 2977 | 3022.32 | 67.28 | 31.6 | 108.6 | 107.35 | 1.24 | 108.96 | 2.7 | 11.73 | 15.96 | 1 |
| CANALE MUGGINI | CM1 | 2909 | 2955.04 | 60.13 | 31.6 | 106.3 | 105.67 | 0.6 | 106.92 | 3.57 | 8.85 | 21.76 | 1.79 |
| CANALE MUGGINI | CM1 | 2849 | 2894.9 | 81.31 | 31.6 | 105.1 | 104.17 | 0.94 | 105.42 | 2.47 | 12.82 | 30.41 | 1.21 |
| CANALE MUGGINI | CM1 | 2768 | 2813.59 | 102.24 | 31.6 | 104 | 103.39 | 0.6 | 104.13 | 1.79 | 18.98 | 74.52 | 1.05 |
| CANALE MUGGINI | CM1 | 2666 | 2711.35 | 34.47 | 31.6 | 102.1 | 100.95 | 1.17 | 102.14 | 0.67 | 48.02 | 67.92 | 0.25 |
| CANALE MUGGINI | CM1 | 2631 | 2676.88 | 69.75 | 31.6 | 101.3 | 100.29 | 0.97 | 101.48 | 2.09 | 15.1 | 33.86 | 1 |
| CANALE MUGGINI | CM1 | 2561 | 2607.14 | 57.55 | 31.6 | 94.99 | 94.19 | 0.8 | 96.35 | 5.17 | 6.12 | 15.03 | 2.59 |
| CANALE MUGGINI | CM1 | 2504 | 2549.59 | 63.24 | 31.6 | 93.25 | 92.25 | 1 | 93.93 | 3.65 | 8.65 | 14.99 | 1.53 |
| CANALE MUGGINI | CM1 | 2441 | 2486.35 | 62.3 | 31.6 | 91.48 | 90.76 | 0.72 | 92.06 | 3.39 | 9.32 | 22.65 | 1.69 |
| CANALE MUGGINI | CM1 | 2378 | 2424.06 | 49.52 | 31.6 | 90.36 | 89.24 | 1.12 | 90.8 | 2.92 | 10.82 | 16.25 | 1.14 |
| CANALE MUGGINI | CM1 | 2329 | 2374.54 | 82.5 | 31.6 | 87.38 | 86.05 | 1.33 | 88.35 | 4.36 | 7.25 | 8.45 | 1.5 |
| CANALE MUGGINI | CM1 | 2246 | 2292.03 | 54.17 | 31.6 | 60.32 | 59.81 | 0.51 | 66.65 | 11.14 | 2.84 | 12.92 | 7.59 |
| CANALE MUGGINI | CM1 | 2192 | 2237.86 | 33.49 | 31.6 | 57.56 | 55.76 | 1.8 | 57.65 | 1.35 | 23.39 | 17.75 | 0.38 |
| CANALE MUGGINI | CM1 | 2159 | 2204.38 | 47.81 | 31.6 | 56.11 | 54.61 | 1.5 | 56.54 | 2.92 | 10.83 | 12.49 | 1 |
| CANALE MUGGINI | CM1 | 2111 | 2156.57 | 57.46 | 31.6 | 53.75 | 52.97 | 0.78 | 54.58 | 4.03 | 7.84 | 14.52 | 1.75 |
| CANALE MUGGINI | CM1 | 2053 | 2099.11 | 75.18 | 31.6 | 52.94 | 52.03 | 0.91 | 53.29 | 2.62 | 12.08 | 24.53 | 1.19 |
| CANALE MUGGINI | CM1 | 1978 | 2023.93 | 75.3 | 31.6 | 51.94 | 51.12 | 0.82 | 52.18 | 2.17 | 14.98 | 41.59 | 1.07 |
| CANALE MUGGINI | CM1 | 1903 | 1948.64 | 50.87 | 31.6 | 50.52 | 48.92 | 1.6 | 50.89 | 2.69 | 11.76 | 16.24 | 1.01 |
| CANALE MUGGINI | CM1 | 1852 | 1897.77 | 50.53 | 31.6 | 49.21 | 48.1 | 1.11 | 49.76 | 3.27 | 9.68 | 12.17 | 1.17 |
| CANALE MUGGINI | CM1 | 1802 | 1847.24 | 50.52 | 31.6 | 47.71 | 47.02 | 0.69 | 48.37 | 3.58 | 8.83 | 20.85 | 1.76 |
| CANALE MUGGINI | CM1 | 1751 | 1796.72 | 55 | 31.6 | 46.63 | 45.36 | 1.27 | 47.15 | 3.18 | 9.93 | 15.63 | 1.27 |
| CANALE MUGGINI | CM1 | 1696 | 1741.72 | 42.67 | 31.6 | 45.7 | 44.49 | 1.21 | 46.19 | 3.09 | 10.23 | 17.21 | 1.28 |
| CANALE MUGGINI | CM1 | 1653 | 1699.05 | 51.23 | 31.6 | 44.3 | 43.3 | 1 | 44.92 | 3.48 | 9.08 | 16.27 | 1.49 |
| CANALE MUGGINI | CM1 | 1602 | 1647.82 | 54.1 | 31.6 | 43.07 | 42.01 | 1.06 | 43.63 | 3.32 | 9.51 | 19.07 | 1.5 |
| CANALE MUGGINI | CM1 | 1548 | 1593.72 | 50.64 | 31.6 | 31.78 | 31.11 | 0.67 | 34.43 | 7.2 | 4.39 | 12.03 | 3.81 |
| CANALE MUGGINI | CM1 | 1497 | 1543.08 | 51.96 | 31.6 | 28.29 | 27.08 | 1.21 | 29.96 | 5.73 | 5.51 | 7.89 | 2.19 |
| CANALE MUGGINI | CM1 | 1445 | 1491.12 | 50.97 | 31.6 | 25.2 | 23.97 | 1.23 | 26.99 | 5.92 | 5.34 | 6.85 | 2.14 |
| CANALE MUGGINI | CM1 | 1394 | 1440.15 | 51.1 | 31.6 | 21.87 | 20.68 | 1.19 | 23.43 | 5.53 | 5.71 | 14.78 | 2.84 |
| CANALE MUGGINI | CM1 | 1343 | 1389.05 | 53.49 | 31.6 | 19.78 | 18.58 | 1.2 | 20.82 | 4.51 | 7.01 | 9.85 | 1.71 |
| CANALE MUGGINI | CM1 | 1290 | 1335.56 | 50.06 | 31.6 | 20.52 | 17.93 | 2.59 | 20.55 | 0.76 | 41.55 | 23.37 | 0.18 |
| CANALE MUGGINI | CM1 | 1240 | 1285.51 | 50.39 | 31.6 | 20.51 | 17.33 | 3.18 | 20.53 | 0.7 | 44.88 | 37.56 | 0.21 |
| CANALE MUGGINI | CM1 | 1189 | 1235.12 | 48.26 | 31.6 | 18.56 | 16.85 | 1.71 | 19.06 | 3.13 | 10.09 | 10.14 | 1 |
| CANALE MUGGINI | CM1 | 1141 | 1186.86 | 41.2 | 31.6 | 17.73 | 14.26 | 3.47 | 17.75 | 0.65 | 50.18 | 59.91 | 0.22 |
| CANALE MUGGINI | CM1 | 1100 | 1145.66 | 53.6 | 31.6 | 16.93 | 16.37 | 0.56 | 17.14 | 2.01 | 15.65 | 38.4 | 1.01 |
| CANALE MUGGINI | CM1 | 1046 | 1092.07 | 46.01 | 31.6 | 12.59 | 11.06 | 1.53 | 13.63 | 4.52 | 7 | 10.32 | 1.75 |
| CANALE MUGGINI | CM1 | 1000 | 1046.06 | 51.25 | 31.6 | 11.39 | 10.06 | 1.33 | 12.06 | 3.62 | 8.73 | 19.14 | 1.71 |
| CANALE MUGGINI | CM1 | 949 | 994.81 | 52.6 | 31.6 | 10.22 | 8.96 | 1.26 | 10.66 | 2.95 | 10.73 | 22.59 | 1.37 |
| CANALE MUGGINI | CM1 | 897 | 942.22 | 50.06 | 31.6 | 8.92 | 7.5 | 1.42 | 9.32 | 2.84 | 11.52 | 39.35 | 1.53 |
| CANALE MUGGINI | CM1 | 846 | 892.16 | 50.36 | 31.6 | 7.9 | 6.54 | 1.36 | 8.18 | 2.51 | 14.16 | 41.93 | 1.2 |
| CANALE MUGGINI | CM1 | 796 | 841.8 | 21.07 | 31.6 | 7.99 | 5.52 | 2.47 | 8 | 0.46 | 82.67 | 94.64 | 0.13 |
| CANALE MUGGINI | CM1 | 775 | 820.74 | 4 | 31.6 | 7.99 | 5.01 | 2.98 | 8 | 0.3 | 143.02 | 192.05 | 0.08 |
| CANALE MUGGINI | CM1 | 771 | 816.74 | 16.42 | 31.6 | 7.03 | 4.6 | 2.43 | 7.27 | 2.55 | 31.88 | 92.37 | 0.59 |
| CANALE MUGGINI | CM1 | 760.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 755 | 800.32 | 3.48 | 31.6 | 6.86 | 4.5 | 2.36 | 6.96 | 1.9 | 53.43 | 140.72 | 0.45 |
| CANALE MUGGINI | CM1 | 751 | 796.84 | 5.12 | 31.6 | 6.9 | 4.48 | 2.42 | 6.96 | 1.77 | 65.8 | 154.75 | 0.4 |
| CANALE MUGGINI | CM1 | 746 | 791.72 | 5.02 | 31.6 | 6.93 | 4.45 | 2.48 | 6.96 | 1.29 | 88.52 | 161.66 | 0.29 |
| CANALE MUGGINI | CM1 | 741 | 786.7 | 1 | 31.6 | 6.94 | 4.38 | 2.56 | 6.96 | 1.05 | 107.29 | 180.11 | 0.23 |
| CANALE MUGGINI | CM1 | 740.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 736 | 781.68 | 10.02 | 31.6 | 6.54 | 4.28 | 2.26 | 6.65 | 2.16 | 51.83 | 131.95 | 0.51 |
| CANALE MUGGINI | CM1 | 726 | 771.66 | 5 | 31.6 | 6.62 | 4.09 | 2.53 | 6.64 | 1.22 | 91.85 | 168.46 | 0.27 |
| CANALE MUGGINI | CM1 | 721 | 766.66 | 3 | 31.6 | 6.62 | 3.99 | 2.63 | 6.64 | 1.17 | 99.87 | 180.93 | 0.25 |
| CANALE MUGGINI | CM1 | 720.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 716 | 761.66 | 5 | 31.6 | 6.28 | 3.9 | 2.38 | 6.38 | 2.02 | 55.79 | 138.86 | 0.46 |
| CANALE MUGGINI | CM1 | 711 | 756.65 | 1 | 31.6 | 6.33 | 3.81 | 2.52 | 6.37 | 1.56 | 74.65 | 158.1 | 0.34 |
| CANALE MUGGINI | CM1 | 710.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 706 | 751.65 | 3 | 31.6 | 6.2 | 3.71 | 2.49 | 6.25 | 1.57 | 72.44 | 150.6 | 0.35 |
| CANALE MUGGINI | CM1 | 705.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 701 | 746.64 | 5 | 31.6 | 6.02 | 3.62 | 2.4 | 6.09 | 1.75 | 61.37 | 124.28 | 0.4 |
| CANALE MUGGINI | CM1 | 696 | 741.64 | 5 | 31.6 | 6.05 | 3.52 | 2.53 | 6.09 | 1.48 | 77.84 | 161.4 | 0.33 |
| CANALE MUGGINI | CM1 | 691 | 736.64 | 1 | 31.6 | 6.07 | 3.44 | 2.63 | 6.09 | 1.12 | 104.45 | 181.63 | 0.24 |
| CANALE MUGGINI | CM1 | 690.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 686 | 731.64 | 10 | 31.6 | 6.05 | 3.36 | 2.69 | 6.06 | 0.96 | 122.92 | 199.38 | 0.2 |
| CANALE MUGGINI | CM1 | 676 | 721.63 | 5 | 31.6 | 6.05 | 3.19 | 2.86 | 6.06 | 0.73 | 161.56 | 256.82 | 0.15 |
| CANALE MUGGINI | CM1 | 671 | 716.63 | 1 | 31.6 | 6.05 | 3.11 | 2.94 | 6.06 | 0.67 | 184.55 | 271.55 | 0.13 |
| CANALE MUGGINI | CM1 | 670.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 666 | 711.63 | 5 | 31.6 | 5.32 | 3.03 | 2.29 | 5.51 | 2.58 | 43.58 | 149.51 | 0.6 |
| CANALE MUGGINI | CM1 | 661 | 706.63 | 5 | 31.6 | 5.45 | 2.95 | 2.5 | 5.49 | 1.53 | 84.75 | 212.13 | 0.34 |
| CANALE MUGGINI | CM1 | 656 | 701.63 | 5 | 31.6 | 5.47 | 2.86 | 2.61 | 5.49 | 1.19 | 107.07 | 225.96 | 0.26 |
| CANALE MUGGINI | CM1 | 651 | 696.62 | 5 | 31.6 | 5.49 | 2.78 | 2.71 | 5.49 | 0.8 | 153.74 | 251.26 | 0.17 |
| CANALE MUGGINI | CM1 | 646 | 691.62 | 1 | 31.6 | 5.49 | 2.7 | 2.79 | 5.49 | 0.69 | 174.05 | 255.19 | 0.14 |
| CANALE MUGGINI | CM1 | 645.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 640 | 686.08 | 11.09 | 31.6 | 4.87 | 2.6 | 2.27 | 5.03 | 2.45 | 47.77 | 166.73 | 0.57 |
| CANALE MUGGINI | CM1 | 629 | 674.99 | 5.54 | 31.6 | 4.93 | 2.4 | 2.53 | 4.96 | 1.32 | 92.84 | 215.47 | 0.29 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 200 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 624 | 669.44 | 0.5 | 31.6 | 4.94 | 2.3 | 2.64 | 4.96 | 1.12 | 107.23 | 216.52 | 0.24 |
| CANALE MUGGINI | CM1 | 620.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 618 | 663.9 | 5.55 | 31.6 | 4.89 | 2.2 | 2.69 | 4.91 | 1.17 | 102.83 | 202.99 | 0.25 |
| CANALE MUGGINI | CM1 | 613 | 658.35 | 5.55 | 31.6 | 4.89 | 2.1 | 2.79 | 4.91 | 1.07 | 112.67 | 217.32 | 0.22 |
| CANALE MUGGINI | CM1 | 607 | 652.81 | 5.55 | 31.6 | 4.89 | 2 | 2.89 | 4.91 | 1 | 121.72 | 249.02 | 0.2 |
| CANALE MUGGINI | CM1 | 602 | 647.26 | 0.5 | 31.6 | 4.9 | 1.9 | 3 | 4.91 | 0.81 | 150.56 | 263.65 | 0.16 |
| CANALE MUGGINI | CM1 | 600.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 596 | 641.71 | 5 | 31.6 | 4.25 | 1.8 | 2.45 | 4.42 | 2.41 | 44.57 | 130.78 | 0.54 |
| CANALE MUGGINI | CM1 | 591 | 636.71 | 5 | 31.6 | 4.31 | 1.66 | 2.65 | 4.37 | 1.67 | 74.09 | 173.64 | 0.36 |
| CANALE MUGGINI | CM1 | 586 | 631.71 | 5 | 31.6 | 3.92 | 1.59 | 2.33 | 4.1 | 2.54 | 42.1 | 125.68 | 0.59 |
| CANALE MUGGINI | CM1 | 581 | 626.71 | 5 | 31.6 | 3.87 | 1.52 | 2.35 | 3.98 | 2.17 | 48.95 | 129.73 | 0.5 |
| CANALE MUGGINI | CM1 | 576 | 621.71 | 5 | 31.6 | 3.92 | 1.46 | 2.46 | 3.98 | 1.67 | 69.62 | 162.7 | 0.37 |
| CANALE MUGGINI | CM1 | 571 | 616.71 | 0.5 | 31.6 | 3.95 | 1.39 | 2.56 | 3.98 | 1.29 | 92.65 | 183.6 | 0.28 |
| CANALE MUGGINI | CM1 | 570.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 566 | 611.71 | 10 | 31.6 | 3.55 | 1.32 | 2.23 | 3.66 | 2.18 | 46.12 | 112.01 | 0.52 |
| CANALE MUGGINI | CM1 | 556 | 601.71 | 5.04 | 31.6 | 3.58 | 1.18 | 2.4 | 3.66 | 1.82 | 62.44 | 166.26 | 0.41 |
| CANALE MUGGINI | CM1 | 551 | 596.67 | 5.04 | 31.6 | 3.6 | 1.11 | 2.49 | 3.65 | 1.62 | 69.5 | 175.95 | 0.36 |
| CANALE MUGGINI | CM1 | 546 | 591.63 | 4.47 | 31.6 | 3.63 | 1.1 | 2.53 | 3.65 | 1.2 | 93.8 | 185.67 | 0.26 |
| CANALE MUGGINI | CM1 | 541 | 587.16 | 0.5 | 31.6 | 3.64 | 1.09 | 2.55 | 3.65 | 1.06 | 101.78 | 178.06 | 0.23 |
| CANALE MUGGINI | CM1 | 540.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 537 | 582.28 | 4.97 | 31.6 | 3.62 | 1.08 | 2.54 | 3.63 | 0.95 | 110.35 | 167.28 | 0.21 |
| CANALE MUGGINI | CM1 | 532 | 577.32 | 5.05 | 31.6 | 3.62 | 1.07 | 2.55 | 3.63 | 0.86 | 114.13 | 147.54 | 0.19 |
| CANALE MUGGINI | CM1 | 527 | 572.26 | 5.17 | 31.6 | 3.62 | 1.05 | 2.57 | 3.63 | 0.84 | 119.14 | 160.11 | 0.18 |
| CANALE MUGGINI | CM1 | 521 | 567.09 | 5.36 | 31.6 | 3.62 | 1.04 | 2.58 | 3.63 | 0.79 | 123.3 | 167.01 | 0.17 |
| CANALE MUGGINI | CM1 | 516 | 561.73 | 0.5 | 31.6 | 3.61 | 1.03 | 2.58 | 3.62 | 0.85 | 122.77 | 189.11 | 0.19 |
| CANALE MUGGINI | CM1 | 515.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 511 | 556.41 | 5.3 | 31.6 | 2.99 | 1.02 | 1.97 | 3.15 | 2.59 | 42.87 | 140.85 | 0.66 |
| CANALE MUGGINI | CM1 | 505 | 551.11 | 5.27 | 31.6 | 3.04 | 1.01 | 2.03 | 3.11 | 1.88 | 63.18 | 170.16 | 0.47 |
| CANALE MUGGINI | CM1 | 500 | 545.84 | 5.26 | 31.6 | 3.05 | 1 | 2.05 | 3.1 | 1.71 | 70.72 | 187.53 | 0.43 |
| CANALE MUGGINI | CM1 | 495 | 540.59 | 21.87 | 31.6 | 2.99 | 1 | 1.99 | 3.08 | 2.1 | 57.78 | 169.58 | 0.53 |
| CANALE MUGGINI | CM1 | 473 | 518.71 | 28.43 | 31.6 | 3.07 | 0.98 | 2.09 | 3.08 | 0.74 | 140.27 | 221.44 | 0.18 |
| CANALE MUGGINI | CM1 | 445 | 490.29 | 16.52 | 31.6 | 3.07 | 0.97 | 2.1 | 3.07 | 0.53 | 181.78 | 244.31 | 0.13 |
| CANALE MUGGINI | CM1 | 428 | 473.77 | 9.6 | 31.6 | 3.06 | 0.92 | 2.14 | 3.07 | 0.58 | 191.06 | 272.18 | 0.13 |
| CANALE MUGGINI | CM1 | 420.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 418 | 464.17 | 16.86 | 31.6 | 3.06 | 0.92 | 2.14 | 3.07 | 0.53 | 211.43 | 283.29 | 0.12 |
| CANALE MUGGINI | CM1 | 402 | 447.3 | 12.19 | 31.6 | 3.07 | 0.91 | 2.16 | 3.07 | 0.35 | 299.3 | 343.46 | 0.08 |
| CANALE MUGGINI | CM1 | 389 | 435.11 | 4 | 31.6 | 2.88 | 0.9 | 1.98 | 2.93 | 1.38 | 64.24 | 106.97 | 0.31 |
| CANALE MUGGINI | CM1 | 385.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 377 | 422.9 | 6.26 | 31.6 | 2.85 | 0.9 | 1.95 | 2.87 | 1.14 | 78.71 | 105.29 | 0.26 |
| CANALE MUGGINI | CM1 | 371 | 416.65 | 25.58 | 31.6 | 2.86 | 0.86 | 2 | 2.87 | 0.58 | 74.2 | 93.44 | 0.2 |
| CANALE MUGGINI | CM1 | 345 | 391.06 | 45.92 | 31.6 | 2.03 | 0.75 | 1.28 | 2.25 | 2.08 | 15.22 | 35.16 | 1.01 |
| CANALE MUGGINI | CM1 | 299 | 345.15 | 50.01 | 31.6 | 1.87 | 0.59 | 1.28 | 1.88 | 0.23 | 77.77 | 66.57 | 0.1 |
| CANALE MUGGINI | CM1 | 249 | 295.14 | 49.06 | 31.6 | 1.87 | 0.53 | 1.34 | 1.88 | 0.11 | 125.71 | 104.03 | 0.05 |
| CANALE MUGGINI | CM1 | 200 | 246.07 | 50.1 | 31.6 | 1.85 | 0.24 | 1.61 | 1.86 | 0.21 | 86.49 | 108.46 | 0.1 |
| CANALE MUGGINI | CM1 | 150 | 195.98 | 50.03 | 31.6 | 1.85 | 0.09 | 1.76 | 1.86 | 0.22 | 147.93 | 153.38 | 0.07 |
| CANALE MUGGINI | CM1 | 100 | 145.95 | 50.03 | 31.6 | 1.85 | 0.09 | 1.76 | 1.85 | 0.16 | 204.21 | 168.4 | 0.04 |
| CANALE MUGGINI | CM1 | 50 | 95.92 | 95.92 | 31.6 | 1.85 | -0.15 | 2 | 1.85 | 0.12 | 255.61 | 192.62 | 0.03 |

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM2 | 3180 | 3217.01 | 38.41 | 34.91 | 72.98 | 71.13 | 1.85 | 73.73 | 3.83 | 9.12 | 11.87 | 1.39 |
| CANALE MUGGINI | CM2 | 3141 | 3178.6 | 51.67 | 34.91 | 70.8 | 69.07 | 1.73 | 71.84 | 4.53 | 7.71 | 11.07 | 1.73 |
| CANALE MUGGINI | CM2 | 3089 | 3126.93 | 51.11 | 34.91 | 65.66 | 64.79 | 0.87 | 67.31 | 5.69 | 6.14 | 14.48 | 2.79 |
| CANALE MUGGINI | CM2 | 3038 | 3075.82 | 51.47 | 34.91 | 63.47 | 62.54 | 0.93 | 64.01 | 3.25 | 10.75 | 35.47 | 1.88 |
| CANALE MUGGINI | CM2 | 2987 | 3024.35 | 51.18 | 34.91 | 61.65 | 60.2 | 1.45 | 62.27 | 3.47 | 10.07 | 15.71 | 1.38 |
| CANALE MUGGINI | CM2 | 2936 | 2973.17 | 50.04 | 34.91 | 60.47 | 59 | 1.47 | 61.14 | 3.61 | 9.68 | 13 | 1.33 |
| CANALE MUGGINI | CM2 | 2886 | 2923.13 | 50.37 | 34.91 | 58.81 | 57.3 | 1.51 | 59.63 | 4.03 | 8.66 | 11.47 | 1.48 |
| CANALE MUGGINI | CM2 | 2835 | 2872.76 | 51.16 | 34.91 | 57.67 | 55.98 | 1.69 | 58.49 | 4.01 | 8.7 | 11.52 | 1.47 |
| CANALE MUGGINI | CM2 | 2784 | 2821.6 | 51.83 | 34.91 | 56.07 | 54.32 | 1.75 | 56.97 | 4.18 | 8.34 | 12.55 | 1.64 |
| CANALE MUGGINI | CM2 | 2732 | 2769.76 | 62.6 | 34.91 | 54.37 | 53.15 | 1.22 | 55.28 | 4.22 | 8.27 | 14.43 | 1.78 |
| CANALE MUGGINI | CM2 | 2670 | 2707.16 | 61.7 | 34.91 | 52.7 | 51.33 | 1.37 | 53.51 | 3.99 | 8.76 | 12.33 | 1.51 |
| CANALE MUGGINI | CM2 | 2608 | 2645.47 | 52.08 | 34.91 | 50.26 | 48.73 | 1.53 | 51.28 | 4.48 | 7.8 | 10.29 | 1.64 |
| CANALE MUGGINI | CM2 | 2556 | 2593.39 | 52.54 | 34.91 | 47.81 | 46.12 | 1.69 | 49.06 | 4.93 | 7.08 | 8.71 | 1.75 |
| CANALE MUGGINI | CM2 | 2503 | 2540.85 | 50.84 | 34.91 | 45.68 | 44.34 | 1.34 | 47.01 | 5.1 | 6.85 | 9.08 | 1.87 |
| CANALE MUGGINI | CM2 | 2453 | 2490.01 | 49.82 | 34.91 | 43.65 | 42.3 | 1.35 | 45.01 | 5.16 | 6.77 | 9.06 | 1.91 |
| CANALE MUGGINI | CM2 | 2403 | 2440.19 | 53.99 | 34.91 | 41.58 | 39.97 | 1.61 | 42.95 | 5.19 | 6.72 | 9.29 | 1.95 |
| CANALE MUGGINI | CM2 | 2349 | 2386.2 | 48.88 | 34.91 | 38.79 | 37.43 | 1.36 | 40.28 | 5.42 | 6.45 | 8.84 | 2.02 |
| CANALE MUGGINI | CM2 | 2300 | 2337.32 | 50.81 | 34.91 | 37.3 | 35.82 | 1.48 | 38.33 | 4.5 | 7.76 | 12.72 | 1.84 |
| CANALE MUGGINI | CM2 | 2249 | 2286.51 | 50.54 | 34.91 | 35.34 | 34.29 | 1.05 | 36.38 | 4.51 | 7.74 | 13.4 | 1.9 |
| CANALE MUGGINI | CM2 | 2198 | 2235.97 | 52.2 | 34.91 | 34.34 | 33.28 | 1.06 | 34.9 | 3.32 | 10.52 | 19.16 | 1.43 |
| CANALE MUGGINI | CM2 | 2146 | 2183.77 | 51.42 | 34.91 | 33.39 | 32.17 | 1.22 | 33.82 | 2.9 | 12.04 | 23.68 | 1.3 |
| CANALE MUGGINI | CM2 | 2095 | 2132.35 | 50.16 | 34.91 | 31.62 | 30.85 | 0.77 | 32.19 | 3.32 | 10.5 | 24.09 | 1.61 |
| CANALE MUGGINI | CM2 | 2045 | 2082.19 | 51.34 | 34.91 | 29.56 | 28.16 | 1.4 | 30.31 | 3.84 | 9.09 | 13.08 | 1.47 |
| CANALE MUGGINI | CM2 | 1993 | 2030.85 | 51.91 | 34.91 | 28.28 | 26.79 | 1.49 | 29.05 | 3.88 | 9.01 | 13.5 | 1.52 |
| CANALE MUGGINI | CM2 | 1941 | 1978.94 | 54.69 | 34.91 | 27.33 | 25.72 | 1.61 | 27.85 | 3.22 | 10.85 | 19.35 | 1.37 |
| CANALE MUGGINI | CM2 | 1887 | 1924.25 | 50.99 | 34.91 | 25.72 | 24.52 | 1.2 | 26.33 | 3.46 | 10.1 | 18.99 | 1.51 |
| CANALE MUGGINI | CM2 | 1836 | 1873.26 | 44.17 | 34.91 | 25.31 | 24.25 | 1.06 | 25.59 | 2.35 | 14.84 | 26.37 | 1 |
| CANALE MUGGINI | CM2 | 1792 | 1829.09 | 51.3 | 34.91 | 23.77 | 22.33 | 1.44 | 24.3 | 3.22 | 10.84 | 14.91 | 1.21 |
| CANALE MUGGINI | CM2 | 1740 | 1777.79 | 50.28 | 34.91 | 22.99 | 21.72 | 1.27 | 23.45 | 2.98 | 11.7 | 21.63 | 1.3 |
| CANALE MUGGINI | CM2 | 1690 | 1727.51 | 50.01 | 34.91 | 22.1 | 20.98 | 1.12 | 22.44 | 2.56 | 13.63 | 35.59 | 1.32 |
| CANALE MUGGINI | CM2 | 1640 | 1677.5 | 50.04 | 34.91 | 21.23 | 20.48 | 0.75 | 21.46 | 2.09 | 16.72 | 53.74 | 1.17 |
| CANALE MUGGINI | CM2 | 1590 | 1627.47 | 44.13 | 34.91 | 19.97 | 19.37 | 0.6 | 20.24 | 2.32 | 15.16 | 54.81 | 1.4 |
| CANALE MUGGINI | CM2 | 1546 | 1583.34 | 50.7 | 34.91 | 18.88 | 17.84 | 1.04 | 19.18 | 2.43 | 14.34 | 35.89 | 1.23 |
| CANALE MUGGINI | CM2 | 1495 | 1532.64 | 48.2 | 34.91 | 18.07 | 17.29 | 0.78 | 18.28 | 2.1 | 17.94 | 57.68 | 1.09 |
| CANALE MUGGINI | CM2 | 1447 | 1484.44 | 4 | 34.91 | 17.58 | 16.8 | 0.78 | 17.59 | 0.49 | 75.2 | 135.29 | 0.19 |
| CANALE MUGGINI | CM2 | 1443 | 1480.44 | 1 | 34.91 | 17.58 | 17.03 | 0.55 | 17.59 | 0.24 | 90.69 | 133.74 | 0.13 |
| CANALE MUGGINI | CM2 | 1430.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 1421 | 1466.44 | 3 | 34.91 | 17.52 | 16.4 | 1.12 | 17.52 | 0.09 | 232.58 | 149.62 | 0.03 |
| CANALE MUGGINI | CM2 | 1393 | 1463.44 | 79 | 34.91 | 17.52 | 16.13 | 1.39 | 17.52 | 0.17 | 161.64 | 104.69 | 0.05 |
| CANALE MUGGINI | CM2 | 1343 | 1384.44 | 46.16 | 34.91 | 16.13 | 15.17 | 0.96 | 16.48 | 2.67 | 13.54 | 19.55 | 0.99 |
| CANALE MUGGINI | CM2 | 1296 | 1338.27 | 47.37 | 34.91 | 15.14 | 13.68 | 1.46 | 15.6 | 3 | 11.68 | 18.69 | 1.2 |
| CANALE MUGGINI | CM2 | 1249 | 1290.9 | 49.32 | 34.91 | 13.84 | 12.77 | 1.07 | 14.35 | 3.25 | 11.2 | 34.09 | 1.74 |
| CANALE MUGGINI | CM2 | 1200 | 1241.58 | 51.54 | 34.91 | 12.96 | 11.79 | 1.17 | 13.19 | 2.19 | 16.7 | 47.05 | 1.1 |
| CANALE MUGGINI | CM2 | 1148 | 1190.05 | 49.63 | 34.91 | 12.09 | 10.74 | 1.35 | 12.35 | 2.31 | 15.85 | 42.22 | 1.1 |
| CANALE MUGGINI | CM2 | 1099 | 1140.41 | 50.2 | 34.91 | 11.22 | 9.59 | 1.63 | 11.37 | 1.76 | 20.62 | 41.06 | 0.76 |
| CANALE MUGGINI | CM2 | 1048 | 1090.22 | 50.52 | 34.91 | 10.47 | 8.83 | 1.64 | 10.7 | 2.18 | 16.63 | 38.1 | 1 |
| CANALE MUGGINI | CM2 | 998 | 1039.69 | 50.75 | 34.91 | 9.57 | 7.86 | 1.71 | 9.88 | 2.5 | 14.39 | 26.21 | 1.04 |
| CANALE MUGGINI | CM2 | 947 | 988.94 | 47.63 | 34.91 | 8.81 | 7.21 | 1.6 | 9.14 | 2.51 | 13.89 | 30.46 | 1.19 |
| CANALE MUGGINI | CM2 | 900 | 941.31 | 50.68 | 34.91 | 8.71 | 6.55 | 2.16 | 8.75 | 0.94 | 40.13 | 63.06 | 0.31 |
| CANALE MUGGINI | CM2 | 849 | 890.62 | 12.3 | 34.91 | 8.73 | 5.74 | 2.99 | 8.74 | 1.01 | 90.1 | 79.14 | 0.19 |
| CANALE MUGGINI | CM2 | 840.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 825 | 866.37 | 24.48 | 34.91 | 7.32 | 5.28 | 2.04 | 7.68 | 3.42 | 23.45 | 40.53 | 0.76 |
| CANALE MUGGINI | CM2 | 800 | 841.89 | 51.16 | 34.91 | 6.5 | 5 | 1.5 | 7.05 | 4.34 | 18.09 | 34.62 | 1.13 |
| CANALE MUGGINI | CM2 | 749 | 790.73 | 51.72 | 34.91 | 5 | 4.38 | 0.62 | 5.78 | 5.3 | 9.69 | 61.88 | 2.99 |
| CANALE MUGGINI | CM2 | 697 | 739 | 50.85 | 34.91 | 5.13 | 4.2 | 0.93 | 5.18 | 0.85 | 37.22 | 100.41 | 0.45 |
| CANALE MUGGINI | CM2 | 646 | 688.15 | 50.02 | 34.91 | 4.45 | 4.06 | 0.39 | 4.6 | 0.98 | 21.56 | 67.93 | 0.75 |
| CANALE MUGGINI | CM2 | 596 | 638.13 | 39.12 | 34.91 | 4.5 | 3.48 | 1.02 | 4.52 | 0.56 | 62.94 | 98.38 | 0.22 |
| CANALE MUGGINI | CM2 | 557 | 599.02 | 3 | 34.91 | 4.49 | 3.23 | 1.26 | 4.5 | 0.52 | 69.37 | 104.37 | 0.2 |
| CANALE MUGGINI | CM2 | 550.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 543 | 588.28 | 47.21 | 34.91 | 3.32 | 2.94 | 0.38 | 3.51 | 0.97 | 18.29 | 48.52 | 0.81 |
| CANALE MUGGINI | CM2 | 496 | 541.07 | 50.95 | 34.91 | 2.98 | 1.85 | 1.13 | 3.07 | 1.23 | 26.86 | 68.03 | 0.65 |
| CANALE MUGGINI | CM2 | 445 | 490.12 | 50.19 | 34.91 | 2.69 | 1.88 | 0.81 | 2.79 | 1.23 | 25.55 | 65.46 | 0.67 |
| CANALE MUGGINI | CM2 | 395 | 439.93 | 50.14 | 34.91 | 2.07 | 1.56 | 0.51 | 2.21 | 1.59 | 21.21 | 79.59 | 1.01 |
| CANALE MUGGINI | CM2 | 344 | 389.79 | 50.01 | 34.91 | 1.89 | 1.46 | 0.43 | 1.92 | 0.62 | 47.11 | 137.58 | 0.37 |
| CANALE MUGGINI | CM2 | 294 | 339.78 | 51.1 | 34.91 | 1.88 | 1.21 | 0.67 | 1.89 | 0.35 | 84.97 | 152.79 | 0.16 |
| CANALE MUGGINI | CM2 | 243 | 288.68 | 15.45 | 34.91 | 1.88 | 0.39 | 1.49 | 1.89 | 0.33 | 97.63 | 117.81 | 0.12 |
| CANALE MUGGINI | CM2 | 228 | 273.22 | 13.06 | 34.91 | 1.88 | 0.44 | 1.44 | 1.89 | 0.34 | 103.65 | 120.4 | 0.12 |
| CANALE MUGGINI | CM2 | 220.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 215 | 260.16 | 14.3 | 34.91 | 1.87 | 0.37 | 1.5 | 1.87 | 0.27 | 133.49 | 123.08 | 0.08 |
| CANALE MUGGINI | CM2 | 200 | 245.86 | 50.11 | 34.91 | 1.87 | 0.16 | 1.71 | 1.87 | 0.21 | 165.11 | 153.34 | 0.06 |
| CANALE MUGGINI | CM2 | 150 | 195.74 | 50.09 | 34.91 | 1.87 | 0.08 | 1.79 | 1.87 | 0.21 | 168.84 | 145.73 | 0.06 |
| CANALE MUGGINI | CM2 | 100 | 145.66 | 50 | 34.91 | 1.85 | 0.19 | 1.66 | 1.86 | 0.35 | 97.18 | 75.86 | 0.1 |
| CANALE MUGGINI | CM2 | 50 | 95.66 | 95.66 | 34.91 | 1.85 | 0.17 | 1.68 | 1.85 | 0.21 | 161.95 | 124.51 | 0.06 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 200 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM3 | 676 | 650.4 | 50 | 65.71 | 1.85 | 0 | 1.85 | 1.85 | 0.13 | 528.05 | 343.6 | 0.03 |
| CANALE MUGGINI | CM3 | 626 | 600.4 | 49.96 | 65.71 | 1.85 | -0.14 | 1.99 | 1.85 | 0.11 | 628.35 | 387.57 | 0.03 |
| CANALE MUGGINI | CM3 | 576 | 550.44 | 50.03 | 65.71 | 1.85 | -0.08 | 1.93 | 1.85 | 0.09 | 747.99 | 469.24 | 0.02 |
| CANALE MUGGINI | CM3 | 526 | 500.42 | 50.05 | 65.71 | 1.85 | -0.11 | 1.96 | 1.85 | 0.09 | 798.94 | 499.04 | 0.02 |
| CANALE MUGGINI | CM3 | 476 | 450.37 | 40.33 | 65.71 | 1.85 | -0.2 | 2.05 | 1.85 | 0.12 | 637.88 | 450 | 0.03 |
| CANALE MUGGINI | CM3 | 436 | 410.04 | 2 | 65.71 | 1.85 | 0 | 1.85 | 1.85 | 0.14 | 443.73 | 425.34 | 0.03 |
| CANALE MUGGINI | CM3 | 415.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM3 | 413 | 386.95 | 36.4 | 65.71 | 1.84 | 0 | 1.84 | 1.84 | 0.26 | 311.97 | 418.14 | 0.06 |
| CANALE MUGGINI | CM3 | 376 | 350.55 | 50.28 | 65.71 | 1.83 | 0.03 | 1.8 | 1.83 | 0.38 | 205.76 | 285.32 | 0.12 |
| CANALE MUGGINI | CM3 | 326 | 300.26 | 49.77 | 65.71 | 1.82 | 0.15 | 1.67 | 1.82 | 0.41 | 196.81 | 289.35 | 0.13 |
| CANALE MUGGINI | CM3 | 276 | 250.5 | 50.24 | 65.71 | 1.81 | 0.03 | 1.78 | 1.82 | 0.24 | 294.98 | 361.55 | 0.08 |
| CANALE MUGGINI | CM3 | 226 | 200.26 | 49.92 | 65.71 | 1.81 | 0.21 | 1.6 | 1.81 | 0.28 | 274.64 | 349.52 | 0.09 |
| CANALE MUGGINI | CM3 | 176 | 150.34 | 50.02 | 65.71 | 1.81 | 0.21 | 1.6 | 1.81 | 0.18 | 390.9 | 333.24 | 0.05 |
| CANALE MUGGINI | CM3 | 126 | 100.32 | 50.11 | 65.71 | 1.81 | -0.02 | 1.83 | 1.81 | 0.22 | 315.16 | 301.34 | 0.07 |
| CANALE MUGGINI | CM3 | 76 | 50.21 | 50.21 | 65.71 | 1.8 | 0.18 | 1.62 | 1.8 | 0.26 | 287.38 | 298.53 | 0.08 |
| CANALE MUGGINI | CM3 | 26 | | | 65.71 | 1.8 | 0.44 | 1.36 | 1.8 | 0.2 | 307.65 | 277.73 | 0.06 |

Q = Portata
P.L. = Quota pelo libero
y_{max}= Battente idrico massimo
H = Livello energetico
v = Velocità media della corrente
A = Sezione bagnata
b = Larghezza della sezione bagnata
Fr = Numero di Froude

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 500 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 3413 | 3459.02 | 61.16 | 35.72 | 136.8 | 135.91 | 0.84 | 137.8 | 4.54 | 7.87 | 16.26 | 2.08 |
| CANALE MUGGINI | CM1 | 3352 | 3397.85 | 126.98 | 35.72 | 133.9 | 132.89 | 1.02 | 135.01 | 4.64 | 7.69 | 12.34 | 1.88 |
| CANALE MUGGINI | CM1 | 3225 | 3270.88 | 97.01 | 35.72 | 127.6 | 126.02 | 1.56 | 128.96 | 5.21 | 6.85 | 9.94 | 2 |
| CANALE MUGGINI | CM1 | 3128 | 3173.86 | 133.59 | 35.72 | 114.5 | 113.85 | 0.61 | 117.11 | 7.21 | 4.95 | 15.07 | 4.02 |
| CANALE MUGGINI | CM1 | 2995 | 3040.27 | 17.95 | 35.72 | 109.6 | 107.96 | 1.65 | 109.79 | 1.83 | 19.47 | 22.41 | 0.63 |
| CANALE MUGGINI | CM1 | 2977 | 3022.32 | 67.28 | 35.72 | 108.7 | 107.35 | 1.32 | 109.05 | 2.73 | 13.08 | 17.25 | 1 |
| CANALE MUGGINI | CM1 | 2909 | 2955.04 | 60.13 | 35.72 | 106.3 | 105.67 | 0.64 | 106.99 | 3.65 | 9.78 | 22.14 | 1.75 |
| CANALE MUGGINI | CM1 | 2849 | 2894.9 | 81.31 | 35.72 | 105.1 | 104.17 | 0.96 | 105.48 | 2.62 | 13.63 | 30.62 | 1.25 |
| CANALE MUGGINI | CM1 | 2768 | 2813.59 | 102.24 | 35.72 | 104 | 103.39 | 0.62 | 104.16 | 1.85 | 20.69 | 77.5 | 1.07 |
| CANALE MUGGINI | CM1 | 2666 | 2711.35 | 34.47 | 35.72 | 102.2 | 100.95 | 1.27 | 102.24 | 0.66 | 55.05 | 68.88 | 0.23 |
| CANALE MUGGINI | CM1 | 2631 | 2676.88 | 69.75 | 35.72 | 101.3 | 100.29 | 1.01 | 101.54 | 2.17 | 16.45 | 34.3 | 0.99 |
| CANALE MUGGINI | CM1 | 2561 | 2607.14 | 57.55 | 35.72 | 95.04 | 94.19 | 0.85 | 96.43 | 5.24 | 6.82 | 15.28 | 2.5 |
| CANALE MUGGINI | CM1 | 2504 | 2549.59 | 63.24 | 35.72 | 93.29 | 92.25 | 1.04 | 94.05 | 3.84 | 9.29 | 15.28 | 1.57 |
| CANALE MUGGINI | CM1 | 2441 | 2486.35 | 62.3 | 35.72 | 91.51 | 90.76 | 0.75 | 92.15 | 3.54 | 10.09 | 22.91 | 1.7 |
| CANALE MUGGINI | CM1 | 2378 | 2424.06 | 49.52 | 35.72 | 90.42 | 89.24 | 1.18 | 90.89 | 3.02 | 11.83 | 16.88 | 1.15 |
| CANALE MUGGINI | CM1 | 2329 | 2374.54 | 82.5 | 35.72 | 87.47 | 86.05 | 1.42 | 88.47 | 4.42 | 8.09 | 8.78 | 1.47 |
| CANALE MUGGINI | CM1 | 2246 | 2292.03 | 54.17 | 35.72 | 61.01 | 59.81 | 1.2 | 61.44 | 2.9 | 12.31 | 14.57 | 1.01 |
| CANALE MUGGINI | CM1 | 2192 | 2237.86 | 33.49 | 35.72 | 57.76 | 55.76 | 2 | 57.85 | 1.32 | 27.06 | 18.4 | 0.35 |
| CANALE MUGGINI | CM1 | 2159 | 2204.38 | 47.81 | 35.72 | 56.19 | 54.61 | 1.58 | 56.65 | 3.02 | 11.84 | 12.82 | 1 |
| CANALE MUGGINI | CM1 | 2111 | 2156.57 | 57.46 | 35.72 | 53.8 | 52.97 | 0.83 | 54.67 | 4.13 | 8.65 | 14.81 | 1.73 |
| CANALE MUGGINI | CM1 | 2053 | 2099.11 | 75.18 | 35.72 | 52.97 | 52.03 | 0.94 | 53.36 | 2.79 | 12.82 | 24.88 | 1.24 |
| CANALE MUGGINI | CM1 | 1978 | 2023.93 | 75.3 | 35.72 | 52.2 | 51.12 | 1.08 | 52.3 | 1.43 | 26.58 | 49.65 | 0.57 |
| CANALE MUGGINI | CM1 | 1903 | 1948.64 | 50.87 | 35.72 | 50.59 | 48.92 | 1.67 | 50.98 | 2.79 | 12.79 | 16.5 | 1.01 |
| CANALE MUGGINI | CM1 | 1852 | 1897.77 | 50.53 | 35.72 | 49.29 | 48.1 | 1.19 | 49.87 | 3.35 | 10.66 | 12.6 | 1.16 |
| CANALE MUGGINI | CM1 | 1802 | 1847.24 | 50.52 | 35.72 | 47.75 | 47.02 | 0.73 | 48.45 | 3.7 | 9.64 | 21.04 | 1.75 |
| CANALE MUGGINI | CM1 | 1751 | 1796.72 | 55 | 35.72 | 46.7 | 45.36 | 1.34 | 47.23 | 3.22 | 11.11 | 17.6 | 1.29 |
| CANALE MUGGINI | CM1 | 1696 | 1741.72 | 42.67 | 35.72 | 45.76 | 44.49 | 1.27 | 46.28 | 3.19 | 11.21 | 17.57 | 1.27 |
| CANALE MUGGINI | CM1 | 1653 | 1699.05 | 51.23 | 35.72 | 44.36 | 43.3 | 1.06 | 45 | 3.56 | 10.02 | 17.88 | 1.52 |
| CANALE MUGGINI | CM1 | 1602 | 1647.82 | 54.1 | 35.72 | 43.15 | 42.01 | 1.14 | 43.66 | 3.15 | 11.34 | 25.66 | 1.51 |
| CANALE MUGGINI | CM1 | 1548 | 1593.72 | 50.64 | 35.72 | 31.83 | 31.11 | 0.72 | 34.41 | 7.12 | 5.02 | 13.35 | 3.71 |
| CANALE MUGGINI | CM1 | 1497 | 1543.08 | 51.96 | 35.72 | 28.36 | 27.08 | 1.28 | 30.12 | 5.88 | 6.08 | 8.21 | 2.18 |
| CANALE MUGGINI | CM1 | 1445 | 1491.12 | 50.97 | 35.72 | 25.28 | 23.97 | 1.31 | 27.17 | 6.08 | 5.87 | 7.07 | 2.13 |
| CANALE MUGGINI | CM1 | 1394 | 1440.15 | 51.1 | 35.72 | 21.9 | 20.68 | 1.22 | 23.59 | 5.76 | 6.2 | 15.64 | 2.92 |
| CANALE MUGGINI | CM1 | 1343 | 1389.05 | 53.49 | 35.72 | 20.64 | 18.58 | 2.06 | 20.79 | 1.74 | 20.49 | 18.95 | 0.54 |
| CANALE MUGGINI | CM1 | 1290 | 1335.56 | 50.06 | 35.72 | 20.73 | 17.93 | 2.8 | 20.76 | 0.77 | 46.52 | 24.13 | 0.18 |
| CANALE MUGGINI | CM1 | 1240 | 1285.51 | 50.39 | 35.72 | 20.72 | 17.33 | 3.39 | 20.75 | 0.67 | 53.31 | 40.53 | 0.19 |
| CANALE MUGGINI | CM1 | 1189 | 1235.12 | 48.26 | 35.72 | 18.65 | 16.85 | 1.8 | 19.18 | 3.22 | 11.08 | 10.6 | 1.01 |
| CANALE MUGGINI | CM1 | 1141 | 1186.86 | 41.2 | 35.72 | 17.8 | 14.26 | 3.54 | 17.83 | 0.67 | 54.67 | 60.24 | 0.22 |
| CANALE MUGGINI | CM1 | 1100 | 1145.66 | 53.6 | 35.72 | 16.97 | 16.37 | 0.6 | 17.19 | 2.04 | 17.28 | 41.3 | 1.02 |
| CANALE MUGGINI | CM1 | 1046 | 1092.07 | 46.01 | 35.72 | 12.67 | 11.06 | 1.61 | 13.71 | 4.52 | 7.91 | 11.46 | 1.74 |
| CANALE MUGGINI | CM1 | 1000 | 1046.06 | 51.25 | 35.72 | 11.43 | 10.06 | 1.37 | 12.16 | 3.79 | 9.43 | 19.41 | 1.74 |
| CANALE MUGGINI | CM1 | 949 | 994.81 | 52.6 | 35.72 | 10.26 | 8.96 | 1.3 | 10.75 | 3.09 | 11.57 | 23.01 | 1.39 |
| CANALE MUGGINI | CM1 | 897 | 942.22 | 50.06 | 35.72 | 8.94 | 7.5 | 1.44 | 9.37 | 2.94 | 12.64 | 42.16 | 1.56 |
| CANALE MUGGINI | CM1 | 846 | 892.16 | 50.36 | 35.72 | 7.94 | 6.54 | 1.4 | 8.23 | 2.57 | 15.7 | 44.15 | 1.2 |
| CANALE MUGGINI | CM1 | 796 | 841.8 | 21.07 | 35.72 | 8.11 | 5.52 | 2.59 | 8.12 | 0.46 | 93.96 | 99.76 | 0.12 |
| CANALE MUGGINI | CM1 | 775 | 820.74 | 4 | 35.72 | 8.11 | 5.01 | 3.1 | 8.11 | 0.29 | 166.44 | 209.77 | 0.08 |
| CANALE MUGGINI | CM1 | 771 | 816.74 | 16.42 | 35.72 | 7.06 | 4.6 | 2.46 | 7.33 | 2.71 | 35.53 | 101.9 | 0.62 |
| CANALE MUGGINI | CM1 | 760.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 755 | 800.32 | 3.48 | 35.72 | 7.16 | 4.5 | 2.66 | 7.19 | 1.29 | 99.94 | 168.41 | 0.28 |
| CANALE MUGGINI | CM1 | 751 | 796.84 | 5.12 | 35.72 | 7.17 | 4.48 | 2.69 | 7.19 | 1.14 | 111.75 | 175.72 | 0.24 |
| CANALE MUGGINI | CM1 | 746 | 791.72 | 5.02 | 35.72 | 7.18 | 4.45 | 2.73 | 7.19 | 0.93 | 130.94 | 175.54 | 0.2 |
| CANALE MUGGINI | CM1 | 741 | 786.7 | 1 | 35.72 | 7.19 | 4.38 | 2.81 | 7.19 | 0.8 | 153.12 | 195.36 | 0.17 |
| CANALE MUGGINI | CM1 | 740.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 736 | 781.68 | 10.02 | 35.72 | 6.49 | 4.28 | 2.21 | 6.67 | 2.67 | 46.16 | 123.8 | 0.64 |
| CANALE MUGGINI | CM1 | 726 | 771.66 | 5 | 35.72 | 6.6 | 4.09 | 2.51 | 6.64 | 1.43 | 88.68 | 160.77 | 0.32 |
| CANALE MUGGINI | CM1 | 721 | 766.66 | 3 | 35.72 | 6.6 | 3.99 | 2.61 | 6.63 | 1.37 | 96.53 | 177.25 | 0.3 |
| CANALE MUGGINI | CM1 | 720.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 716 | 761.66 | 5 | 35.72 | 6.54 | 3.9 | 2.64 | 6.57 | 1.35 | 94.53 | 164.77 | 0.29 |
| CANALE MUGGINI | CM1 | 711 | 756.65 | 1 | 35.72 | 6.54 | 3.81 | 2.73 | 6.57 | 1.18 | 111.64 | 183.99 | 0.25 |
| CANALE MUGGINI | CM1 | 710.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 706 | 751.65 | 3 | 35.72 | 6.52 | 3.71 | 2.81 | 6.54 | 1.01 | 125.73 | 188.15 | 0.21 |
| CANALE MUGGINI | CM1 | 705.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 701 | 746.64 | 5 | 35.72 | 5.9 | 3.62 | 2.28 | 6.07 | 2.55 | 46.79 | 117.74 | 0.6 |
| CANALE MUGGINI | CM1 | 696 | 741.64 | 5 | 35.72 | 5.98 | 3.52 | 2.46 | 6.06 | 1.9 | 68.43 | 151.95 | 0.42 |
| CANALE MUGGINI | CM1 | 691 | 736.64 | 1 | 35.72 | 6.03 | 3.44 | 2.59 | 6.06 | 1.36 | 97.36 | 179.08 | 0.29 |
| CANALE MUGGINI | CM1 | 690.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 686 | 731.64 | 10 | 35.72 | 5.99 | 3.36 | 2.63 | 6.01 | 1.21 | 111.38 | 193.33 | 0.26 |
| CANALE MUGGINI | CM1 | 676 | 721.63 | 5 | 35.72 | 6 | 3.19 | 2.81 | 6.01 | 0.91 | 147.8 | 248.71 | 0.19 |
| CANALE MUGGINI | CM1 | 671 | 716.63 | 1 | 35.72 | 6 | 3.11 | 2.89 | 6.01 | 0.83 | 170.1 | 267.2 | 0.17 |
| CANALE MUGGINI | CM1 | 670.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 666 | 711.63 | 5 | 35.72 | 5.38 | 3.03 | 2.35 | 5.54 | 2.52 | 53.5 | 164.25 | 0.58 |
| CANALE MUGGINI | CM1 | 661 | 706.63 | 5 | 35.72 | 5.4 | 2.95 | 2.45 | 5.48 | 1.97 | 74.62 | 204.13 | 0.44 |
| CANALE MUGGINI | CM1 | 656 | 701.63 | 5 | 35.72 | 5.45 | 2.86 | 2.59 | 5.48 | 1.42 | 101.7 | 223.54 | 0.31 |
| CANALE MUGGINI | CM1 | 651 | 696.62 | 5 | 35.72 | 5.47 | 2.78 | 2.69 | 5.48 | 0.93 | 149.65 | 250.01 | 0.2 |
| CANALE MUGGINI | CM1 | 646 | 691.62 | 1 | 35.72 | 5.47 | 2.7 | 2.77 | 5.48 | 0.8 | 170.12 | 254.24 | 0.17 |
| CANALE MUGGINI | CM1 | 645.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 640 | 686.08 | 11.09 | 35.72 | 4.92 | 2.6 | 2.32 | 5.06 | 2.43 | 57.14 | 184.36 | 0.56 |
| CANALE MUGGINI | CM1 | 629 | 674.99 | 5.54 | 35.72 | 4.94 | 2.4 | 2.54 | 4.97 | 1.46 | 94.95 | 218.23 | 0.32 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
 Tempo di ritorno 500 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM1 | 624 | 669.44 | 0.5 | 35.72 | 4.95 | 2.3 | 2.65 | 4.97 | 1.24 | 109.86 | 219.21 | 0.26 |
| CANALE MUGGINI | CM1 | 620.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 618 | 663.9 | 5.55 | 35.72 | 4.75 | 2.2 | 2.55 | 4.81 | 1.75 | 78.61 | 173.74 | 0.38 |
| CANALE MUGGINI | CM1 | 613 | 658.35 | 5.55 | 35.72 | 4.77 | 2.1 | 2.67 | 4.81 | 1.47 | 90.68 | 174.37 | 0.31 |
| CANALE MUGGINI | CM1 | 607 | 652.81 | 5.55 | 35.72 | 4.78 | 2 | 2.78 | 4.81 | 1.37 | 97.79 | 187.52 | 0.28 |
| CANALE MUGGINI | CM1 | 602 | 647.26 | 0.5 | 35.72 | 4.79 | 1.9 | 2.89 | 4.81 | 1.09 | 125.65 | 221.5 | 0.22 |
| CANALE MUGGINI | CM1 | 600.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 596 | 641.71 | 5 | 35.72 | 4.77 | 1.8 | 2.97 | 4.78 | 0.96 | 142.53 | 235.66 | 0.19 |
| CANALE MUGGINI | CM1 | 591 | 636.71 | 5 | 35.72 | 4.13 | 1.66 | 2.47 | 4.3 | 2.55 | 45.95 | 118.73 | 0.57 |
| CANALE MUGGINI | CM1 | 586 | 631.71 | 5 | 35.72 | 4.18 | 1.59 | 2.59 | 4.23 | 1.62 | 81.65 | 165.86 | 0.35 |
| CANALE MUGGINI | CM1 | 581 | 626.71 | 5 | 35.72 | 4.21 | 1.52 | 2.69 | 4.23 | 1.28 | 103.08 | 187.27 | 0.27 |
| CANALE MUGGINI | CM1 | 576 | 621.71 | 5 | 35.72 | 4.22 | 1.46 | 2.76 | 4.23 | 1.05 | 123.62 | 198.07 | 0.22 |
| CANALE MUGGINI | CM1 | 571 | 616.71 | 0.5 | 35.72 | 4.22 | 1.39 | 2.83 | 4.23 | 0.88 | 146.31 | 204.86 | 0.18 |
| CANALE MUGGINI | CM1 | 570.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 566 | 611.71 | 10 | 35.72 | 4.21 | 1.32 | 2.89 | 4.22 | 0.76 | 167.77 | 217.57 | 0.15 |
| CANALE MUGGINI | CM1 | 556 | 601.71 | 5.04 | 35.72 | 4.21 | 1.18 | 3.03 | 4.22 | 0.68 | 188.7 | 228.21 | 0.13 |
| CANALE MUGGINI | CM1 | 551 | 596.67 | 5.04 | 35.72 | 3.39 | 1.11 | 2.28 | 3.6 | 2.8 | 40.01 | 94.75 | 0.66 |
| CANALE MUGGINI | CM1 | 546 | 591.63 | 4.47 | 35.72 | 3.51 | 1.1 | 2.41 | 3.56 | 1.7 | 71.82 | 167.68 | 0.38 |
| CANALE MUGGINI | CM1 | 541 | 587.16 | 0.5 | 35.72 | 3.52 | 1.09 | 2.43 | 3.56 | 1.47 | 82.03 | 168.98 | 0.33 |
| CANALE MUGGINI | CM1 | 540.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 537 | 582.28 | 4.97 | 35.72 | 3.43 | 1.08 | 2.35 | 3.47 | 1.5 | 80.68 | 159.36 | 0.34 |
| CANALE MUGGINI | CM1 | 532 | 577.32 | 5.05 | 35.72 | 3.45 | 1.07 | 2.38 | 3.47 | 1.29 | 89.25 | 142.22 | 0.29 |
| CANALE MUGGINI | CM1 | 527 | 572.26 | 5.17 | 35.72 | 3.45 | 1.05 | 2.4 | 3.47 | 1.24 | 93.21 | 144.69 | 0.28 |
| CANALE MUGGINI | CM1 | 521 | 567.09 | 5.36 | 35.72 | 3.45 | 1.04 | 2.41 | 3.47 | 1.15 | 96.78 | 145.22 | 0.26 |
| CANALE MUGGINI | CM1 | 516 | 561.73 | 0.5 | 35.72 | 3.37 | 1.03 | 2.34 | 3.41 | 1.52 | 81.96 | 159.82 | 0.35 |
| CANALE MUGGINI | CM1 | 515.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 511 | 556.41 | 5.3 | 35.72 | 3.18 | 1.02 | 2.16 | 3.24 | 1.89 | 72.51 | 180.66 | 0.46 |
| CANALE MUGGINI | CM1 | 505 | 551.11 | 5.27 | 35.72 | 3.21 | 1.01 | 2.2 | 3.24 | 1.41 | 94.9 | 202.52 | 0.34 |
| CANALE MUGGINI | CM1 | 500 | 545.84 | 5.26 | 35.72 | 3.22 | 1 | 2.22 | 3.24 | 1.28 | 103.54 | 218.6 | 0.3 |
| CANALE MUGGINI | CM1 | 495 | 540.59 | 21.87 | 35.72 | 3.09 | 1 | 2.09 | 3.14 | 1.79 | 75.41 | 184.89 | 0.44 |
| CANALE MUGGINI | CM1 | 473 | 518.71 | 28.43 | 35.72 | 3.14 | 0.98 | 2.16 | 3.14 | 0.76 | 155.71 | 246.18 | 0.18 |
| CANALE MUGGINI | CM1 | 445 | 490.29 | 16.52 | 35.72 | 3.14 | 0.97 | 2.17 | 3.14 | 0.54 | 198.09 | 247.62 | 0.13 |
| CANALE MUGGINI | CM1 | 428 | 473.77 | 9.6 | 35.72 | 3.13 | 0.92 | 2.21 | 3.13 | 0.59 | 209.63 | 283.3 | 0.13 |
| CANALE MUGGINI | CM1 | 420.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 418 | 464.17 | 16.86 | 35.72 | 3.13 | 0.92 | 2.21 | 3.13 | 0.54 | 229.38 | 283.78 | 0.12 |
| CANALE MUGGINI | CM1 | 402 | 447.3 | 12.19 | 35.72 | 3.13 | 0.91 | 2.22 | 3.13 | 0.36 | 321.27 | 350.49 | 0.08 |
| CANALE MUGGINI | CM1 | 389 | 435.11 | 4 | 35.72 | 2.93 | 0.9 | 2.03 | 2.98 | 1.45 | 69.93 | 115.28 | 0.33 |
| CANALE MUGGINI | CM1 | 385.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM1 | 377 | 422.9 | 6.26 | 35.72 | 2.89 | 0.9 | 1.99 | 2.92 | 1.21 | 83.65 | 105.52 | 0.27 |
| CANALE MUGGINI | CM1 | 371 | 416.65 | 25.58 | 35.72 | 2.9 | 0.86 | 2.04 | 2.92 | 0.62 | 78.61 | 93.5 | 0.21 |
| CANALE MUGGINI | CM1 | 345 | 391.06 | 45.92 | 35.72 | 2.08 | 0.75 | 1.33 | 2.31 | 2.08 | 17.18 | 39.05 | 1 |
| CANALE MUGGINI | CM1 | 299 | 345.15 | 50.01 | 35.72 | 1.89 | 0.59 | 1.3 | 1.9 | 0.26 | 78.96 | 67.05 | 0.11 |
| CANALE MUGGINI | CM1 | 249 | 295.14 | 49.06 | 35.72 | 1.89 | 0.53 | 1.36 | 1.9 | 0.12 | 127.64 | 104.18 | 0.06 |
| CANALE MUGGINI | CM1 | 200 | 246.07 | 50.1 | 35.72 | 1.86 | 0.24 | 1.62 | 1.87 | 0.24 | 87.91 | 108.58 | 0.11 |
| CANALE MUGGINI | CM1 | 150 | 195.98 | 50.03 | 35.72 | 1.87 | 0.09 | 1.78 | 1.87 | 0.24 | 150.03 | 154.64 | 0.08 |
| CANALE MUGGINI | CM1 | 100 | 145.95 | 50.03 | 35.72 | 1.87 | 0.09 | 1.78 | 1.87 | 0.18 | 206.51 | 168.57 | 0.05 |
| CANALE MUGGINI | CM1 | 50 | 95.92 | 95.92 | 35.72 | 1.87 | -0.15 | 2.02 | 1.87 | 0.14 | 258.24 | 192.76 | 0.04 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 500 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m3/s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m2) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|-------------|-------------|--------------------|-------------------------|----------|------------|-----------|----------|------|
| CANALE MUGGINI | CM2 | 3180 | 3217.01 | 38.41 | 39.46 | 73.05 | 71.13 | 1.92 | 73.86 | 3.98 | 9.9 | 12.1 | 1.41 |
| CANALE MUGGINI | CM2 | 3141 | 3178.6 | 51.67 | 39.46 | 70.86 | 69.07 | 1.79 | 71.97 | 4.67 | 8.45 | 11.29 | 1.72 |
| CANALE MUGGINI | CM2 | 3089 | 3126.93 | 51.11 | 39.46 | 65.71 | 64.79 | 0.92 | 67.45 | 5.85 | 6.74 | 14.77 | 2.77 |
| CANALE MUGGINI | CM2 | 3038 | 3075.82 | 51.47 | 39.46 | 63.49 | 62.54 | 0.95 | 64.1 | 3.45 | 11.42 | 35.83 | 1.95 |
| CANALE MUGGINI | CM2 | 2987 | 3024.35 | 51.18 | 39.46 | 61.71 | 60.2 | 1.51 | 62.37 | 3.61 | 10.93 | 16.1 | 1.4 |
| CANALE MUGGINI | CM2 | 2936 | 2973.17 | 50.04 | 39.46 | 60.54 | 59 | 1.54 | 61.25 | 3.74 | 10.56 | 13.35 | 1.34 |
| CANALE MUGGINI | CM2 | 2886 | 2923.13 | 50.37 | 39.46 | 58.88 | 57.3 | 1.58 | 59.76 | 4.15 | 9.5 | 11.9 | 1.48 |
| CANALE MUGGINI | CM2 | 2835 | 2872.76 | 51.16 | 39.46 | 57.74 | 55.98 | 1.76 | 58.62 | 4.16 | 9.49 | 11.8 | 1.48 |
| CANALE MUGGINI | CM2 | 2784 | 2821.6 | 51.83 | 39.46 | 56.13 | 54.32 | 1.81 | 57.09 | 4.33 | 9.11 | 13.11 | 1.66 |
| CANALE MUGGINI | CM2 | 2732 | 2769.76 | 62.6 | 39.46 | 54.42 | 53.15 | 1.27 | 55.39 | 4.35 | 9.06 | 15.33 | 1.81 |
| CANALE MUGGINI | CM2 | 2670 | 2707.16 | 61.7 | 39.46 | 52.76 | 51.33 | 1.43 | 53.63 | 4.11 | 9.6 | 12.62 | 1.5 |
| CANALE MUGGINI | CM2 | 2608 | 2645.47 | 52.08 | 39.46 | 50.33 | 48.73 | 1.6 | 51.41 | 4.61 | 8.56 | 10.62 | 1.64 |
| CANALE MUGGINI | CM2 | 2556 | 2593.39 | 52.54 | 39.46 | 47.9 | 46.12 | 1.78 | 49.2 | 5.06 | 7.79 | 9.06 | 1.74 |
| CANALE MUGGINI | CM2 | 2503 | 2540.85 | 50.84 | 39.46 | 45.75 | 44.34 | 1.41 | 47.16 | 5.24 | 7.53 | 9.42 | 1.87 |
| CANALE MUGGINI | CM2 | 2453 | 2490.01 | 49.82 | 39.46 | 43.72 | 42.3 | 1.42 | 45.17 | 5.32 | 7.41 | 9.32 | 1.91 |
| CANALE MUGGINI | CM2 | 2403 | 2440.19 | 53.99 | 39.46 | 41.65 | 39.97 | 1.68 | 43.11 | 5.36 | 7.37 | 9.84 | 1.98 |
| CANALE MUGGINI | CM2 | 2349 | 2386.2 | 48.88 | 39.46 | 38.86 | 37.43 | 1.43 | 40.44 | 5.58 | 7.08 | 9.14 | 2.02 |
| CANALE MUGGINI | CM2 | 2300 | 2337.32 | 50.81 | 39.46 | 37.36 | 35.82 | 1.54 | 38.46 | 4.66 | 8.48 | 13.74 | 1.89 |
| CANALE MUGGINI | CM2 | 2249 | 2286.51 | 50.54 | 39.46 | 35.4 | 34.29 | 1.11 | 36.49 | 4.63 | 8.53 | 14.02 | 1.89 |
| CANALE MUGGINI | CM2 | 2198 | 2235.97 | 52.2 | 39.46 | 34.38 | 33.28 | 1.1 | 35 | 3.5 | 11.27 | 19.31 | 1.46 |
| CANALE MUGGINI | CM2 | 2146 | 2183.77 | 51.42 | 39.46 | 33.43 | 32.17 | 1.26 | 33.9 | 3.04 | 13 | 24.06 | 1.32 |
| CANALE MUGGINI | CM2 | 2095 | 2132.35 | 50.16 | 39.46 | 31.66 | 30.85 | 0.81 | 32.27 | 3.44 | 11.46 | 24.79 | 1.62 |
| CANALE MUGGINI | CM2 | 2045 | 2082.19 | 51.34 | 39.46 | 29.63 | 28.16 | 1.47 | 30.42 | 3.93 | 10.05 | 13.92 | 1.48 |
| CANALE MUGGINI | CM2 | 1993 | 2030.85 | 51.91 | 39.46 | 28.35 | 26.79 | 1.56 | 29.16 | 3.98 | 9.92 | 14 | 1.51 |
| CANALE MUGGINI | CM2 | 1941 | 1978.94 | 54.69 | 39.46 | 27.37 | 25.72 | 1.65 | 27.95 | 3.37 | 11.71 | 20.12 | 1.41 |
| CANALE MUGGINI | CM2 | 1887 | 1924.25 | 50.99 | 39.46 | 25.77 | 24.52 | 1.25 | 26.43 | 3.58 | 11.02 | 19.48 | 1.52 |
| CANALE MUGGINI | CM2 | 1836 | 1873.26 | 44.17 | 39.46 | 25.36 | 24.25 | 1.11 | 25.66 | 2.44 | 16.14 | 26.58 | 1 |
| CANALE MUGGINI | CM2 | 1792 | 1829.09 | 51.3 | 39.46 | 23.84 | 22.33 | 1.51 | 24.39 | 3.28 | 12.03 | 15.6 | 1.19 |
| CANALE MUGGINI | CM2 | 1740 | 1777.79 | 50.28 | 39.46 | 23.02 | 21.72 | 1.3 | 23.54 | 3.18 | 12.42 | 21.86 | 1.35 |
| CANALE MUGGINI | CM2 | 1690 | 1727.51 | 50.01 | 39.46 | 22.13 | 20.98 | 1.15 | 22.5 | 2.67 | 14.77 | 36.26 | 1.34 |
| CANALE MUGGINI | CM2 | 1640 | 1677.5 | 50.04 | 39.46 | 21.26 | 20.48 | 0.78 | 21.5 | 2.18 | 18.21 | 58.57 | 1.2 |
| CANALE MUGGINI | CM2 | 1590 | 1627.47 | 44.13 | 39.46 | 20 | 19.37 | 0.63 | 20.28 | 2.39 | 16.67 | 57.64 | 1.4 |
| CANALE MUGGINI | CM2 | 1546 | 1583.34 | 50.7 | 39.46 | 18.92 | 17.84 | 1.08 | 19.24 | 2.5 | 15.8 | 37.24 | 1.22 |
| CANALE MUGGINI | CM2 | 1495 | 1532.64 | 48.2 | 39.46 | 18.09 | 17.29 | 0.8 | 18.32 | 2.23 | 19.23 | 59.12 | 1.13 |
| CANALE MUGGINI | CM2 | 1447 | 1484.44 | 4 | 39.46 | 17.72 | 16.8 | 0.92 | 17.73 | 0.46 | 95.63 | 148.58 | 0.16 |
| CANALE MUGGINI | CM2 | 1443 | 1480.44 | 1 | 39.46 | 17.72 | 17.03 | 0.69 | 17.73 | 0.26 | 110.76 | 145.63 | 0.11 |
| CANALE MUGGINI | CM2 | 1430.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 1421 | 1466.44 | 3 | 39.46 | 17.68 | 16.4 | 1.28 | 17.68 | 0.09 | 257.72 | 177.54 | 0.03 |
| CANALE MUGGINI | CM2 | 1393 | 1463.44 | 79 | 39.46 | 17.67 | 16.13 | 1.54 | 17.68 | 0.18 | 178.41 | 111.6 | 0.05 |
| CANALE MUGGINI | CM2 | 1343 | 1384.44 | 46.16 | 39.46 | 16.2 | 15.17 | 1.03 | 16.57 | 2.76 | 14.81 | 19.74 | 0.99 |
| CANALE MUGGINI | CM2 | 1296 | 1338.27 | 47.37 | 39.46 | 15.2 | 13.68 | 1.52 | 15.69 | 3.1 | 12.8 | 19.44 | 1.2 |
| CANALE MUGGINI | CM2 | 1249 | 1290.9 | 49.32 | 39.46 | 13.87 | 12.77 | 1.1 | 14.41 | 3.35 | 12.2 | 35.57 | 1.77 |
| CANALE MUGGINI | CM2 | 1200 | 1241.58 | 51.54 | 39.46 | 12.99 | 11.79 | 1.2 | 13.24 | 2.29 | 18.08 | 48.96 | 1.12 |
| CANALE MUGGINI | CM2 | 1148 | 1190.05 | 49.63 | 39.46 | 12.12 | 10.74 | 1.38 | 12.4 | 2.39 | 17.38 | 47.06 | 1.13 |
| CANALE MUGGINI | CM2 | 1099 | 1140.41 | 50.2 | 39.46 | 11.1 | 9.59 | 1.51 | 11.43 | 2.58 | 15.81 | 40.09 | 1.25 |
| CANALE MUGGINI | CM2 | 1048 | 1090.22 | 50.52 | 39.46 | 10.67 | 8.83 | 1.84 | 10.81 | 1.69 | 24.31 | 40.37 | 0.66 |
| CANALE MUGGINI | CM2 | 998 | 1039.69 | 50.75 | 39.46 | 9.64 | 7.86 | 1.78 | 9.95 | 2.51 | 16.22 | 28.2 | 1.01 |
| CANALE MUGGINI | CM2 | 947 | 988.94 | 47.63 | 39.46 | 8.86 | 7.21 | 1.65 | 9.2 | 2.57 | 15.33 | 31.89 | 1.19 |
| CANALE MUGGINI | CM2 | 900 | 941.31 | 50.68 | 39.46 | 8.59 | 6.55 | 2.04 | 8.66 | 1.26 | 32.4 | 58.1 | 0.44 |
| CANALE MUGGINI | CM2 | 849 | 890.62 | 12.3 | 39.46 | 8.62 | 5.74 | 2.88 | 8.65 | 1.25 | 81.91 | 76.79 | 0.24 |
| CANALE MUGGINI | CM2 | 840.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 825 | 866.37 | 24.48 | 39.46 | 7.46 | 5.28 | 2.18 | 7.76 | 3.27 | 29.79 | 48.05 | 0.71 |
| CANALE MUGGINI | CM2 | 800 | 841.89 | 51.16 | 39.46 | 6.58 | 5 | 1.58 | 7.1 | 4.31 | 21.22 | 39.13 | 1.09 |
| CANALE MUGGINI | CM2 | 749 | 790.73 | 51.72 | 39.46 | 5.49 | 4.38 | 1.11 | 5.51 | 0.6 | 55.75 | 115.96 | 0.3 |
| CANALE MUGGINI | CM2 | 697 | 739 | 50.85 | 39.46 | 5.02 | 4.2 | 0.82 | 5.13 | 1.27 | 27.01 | 81.31 | 0.75 |
| CANALE MUGGINI | CM2 | 646 | 688.15 | 50.02 | 39.46 | 4.53 | 4.06 | 0.47 | 4.64 | 1.05 | 26.77 | 70.22 | 0.68 |
| CANALE MUGGINI | CM2 | 596 | 638.13 | 39.12 | 39.46 | 4.57 | 3.48 | 1.09 | 4.59 | 0.57 | 69.5 | 99.95 | 0.21 |
| CANALE MUGGINI | CM2 | 557 | 599.02 | 3 | 39.46 | 4.56 | 3.23 | 1.33 | 4.57 | 0.54 | 76.45 | 106.3 | 0.19 |
| CANALE MUGGINI | CM2 | 550.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 543 | 588.28 | 47.21 | 39.46 | 3.37 | 2.94 | 0.43 | 3.56 | 0.9 | 21 | 56.58 | 0.75 |
| CANALE MUGGINI | CM2 | 496 | 541.07 | 50.95 | 39.46 | 3.11 | 1.85 | 1.26 | 3.17 | 0.97 | 35.99 | 75.35 | 0.48 |
| CANALE MUGGINI | CM2 | 445 | 490.12 | 50.19 | 39.46 | 2.71 | 1.88 | 0.83 | 2.82 | 1.35 | 26.35 | 65.58 | 0.72 |
| CANALE MUGGINI | CM2 | 395 | 439.93 | 50.14 | 39.46 | 2.1 | 1.56 | 0.54 | 2.24 | 1.6 | 23.4 | 82.2 | 0.99 |
| CANALE MUGGINI | CM2 | 344 | 389.79 | 50.01 | 39.46 | 1.9 | 1.46 | 0.44 | 1.94 | 0.68 | 48.62 | 138.14 | 0.4 |
| CANALE MUGGINI | CM2 | 294 | 339.78 | 51.1 | 39.46 | 1.89 | 1.21 | 0.68 | 1.9 | 0.39 | 86.49 | 153.25 | 0.18 |
| CANALE MUGGINI | CM2 | 243 | 288.68 | 15.45 | 39.46 | 1.89 | 0.39 | 1.5 | 1.9 | 0.37 | 98.74 | 117.92 | 0.13 |
| CANALE MUGGINI | CM2 | 228 | 273.22 | 13.06 | 39.46 | 1.89 | 0.44 | 1.45 | 1.9 | 0.38 | 104.78 | 120.51 | 0.13 |
| CANALE MUGGINI | CM2 | 220.5 | Culvert | | | | | | | | | | |
| CANALE MUGGINI | CM2 | 215 | 260.16 | 14.3 | 39.46 | 1.89 | 0.37 | 1.52 | 1.89 | 0.3 | 135.69 | 123.29 | 0.09 |
| CANALE MUGGINI | CM2 | 200 | 245.86 | 50.11 | 39.46 | 1.89 | 0.16 | 1.73 | 1.89 | 0.24 | 167.87 | 153.4 | 0.07 |
| CANALE MUGGINI | CM2 | 150 | 195.74 | 50.09 | 39.46 | 1.89 | 0.08 | 1.81 | 1.89 | 0.23 | 171.42 | 146.16 | 0.07 |
| CANALE MUGGINI | CM2 | 100 | 145.66 | 50 | 39.46 | 1.86 | 0.19 | 1.67 | 1.87 | 0.39 | 98.13 | 75.97 | 0.11 |
| CANALE MUGGINI | CM2 | 50 | 95.66 | 95.66 | 39.46 | 1.86 | 0.17 | 1.69 | 1.87 | 0.23 | 163.6 | 124.75 | 0.06 |

STUDIO DI COMPATIBILITA' GEOLOGICA, GEOTECNICA E IDRAULICA
Tempo di ritorno 500 anni

| Reach | Reach | SEZIONI HEC RAS | Progr. (m) | Parz. (m) | Q (m ³ /s) | P.L. (m) | Fondo alveo (m) | y _{max} (m) | H (m) | v (m/s) | A (m ²) | b (m) | Fr |
|----------------|-------|--------------------|---------------|--------------|--------------------------|-------------|--------------------|-------------------------|----------|------------|------------------------|----------|------|
| CANALE MUGGINI | CM3 | 676 | 650.4 | 50 | 74.27 | 1.87 | 0 | 1.87 | 1.87 | 0.14 | 532.67 | 343.68 | 0.04 |
| CANALE MUGGINI | CM3 | 626 | 600.4 | 49.96 | 74.27 | 1.87 | -0.14 | 2.01 | 1.87 | 0.12 | 633.56 | 387.64 | 0.03 |
| CANALE MUGGINI | CM3 | 576 | 550.44 | 50.03 | 74.27 | 1.87 | -0.08 | 1.95 | 1.87 | 0.1 | 754.28 | 469.51 | 0.02 |
| CANALE MUGGINI | CM3 | 526 | 500.42 | 50.05 | 74.27 | 1.87 | -0.11 | 1.98 | 1.87 | 0.1 | 805.62 | 499.04 | 0.02 |
| CANALE MUGGINI | CM3 | 476 | 450.37 | 40.33 | 74.27 | 1.86 | -0.2 | 2.06 | 1.86 | 0.13 | 643.79 | 450 | 0.03 |
| CANALE MUGGINI | CM3 | 436 | 410.04 | 2 | 74.27 | 1.86 | 0 | 1.86 | 1.86 | 0.16 | 449.03 | 425.34 | 0.04 |
| CANALE MUGGINI | CM3 | 415.5 | Bridge | | | | | | | | | | |
| CANALE MUGGINI | CM3 | 413 | 386.95 | 36.4 | 74.27 | 1.85 | 0 | 1.85 | 1.86 | 0.29 | 316.54 | 418.14 | 0.07 |
| CANALE MUGGINI | CM3 | 376 | 350.55 | 50.28 | 74.27 | 1.83 | 0.03 | 1.8 | 1.84 | 0.42 | 207.74 | 285.55 | 0.14 |
| CANALE MUGGINI | CM3 | 326 | 300.26 | 49.77 | 74.27 | 1.82 | 0.15 | 1.67 | 1.83 | 0.46 | 198.02 | 289.37 | 0.15 |
| CANALE MUGGINI | CM3 | 276 | 250.5 | 50.24 | 74.27 | 1.82 | 0.03 | 1.79 | 1.82 | 0.27 | 296.45 | 361.55 | 0.09 |
| CANALE MUGGINI | CM3 | 226 | 200.26 | 49.92 | 74.27 | 1.81 | 0.21 | 1.6 | 1.82 | 0.32 | 275.65 | 349.79 | 0.1 |
| CANALE MUGGINI | CM3 | 176 | 150.34 | 50.02 | 74.27 | 1.81 | 0.21 | 1.6 | 1.82 | 0.2 | 391.85 | 333.24 | 0.06 |
| CANALE MUGGINI | CM3 | 126 | 100.32 | 50.11 | 74.27 | 1.81 | -0.02 | 1.83 | 1.81 | 0.25 | 315.66 | 301.34 | 0.07 |
| CANALE MUGGINI | CM3 | 76 | 50.21 | 50.21 | 74.27 | 1.8 | 0.18 | 1.62 | 1.81 | 0.3 | 287.53 | 298.53 | 0.09 |
| CANALE MUGGINI | CM3 | 26 | | | 74.27 | 1.8 | 0.44 | 1.36 | 1.8 | 0.22 | 307.65 | 277.73 | 0.07 |

Q = Portata
P.L. = Quota pelo libero
y_{max}= Battente idrico massimo
H = Livello energetico
v = Velocità media della corrente
A = Sezione bagnata
b = Larghezza della sezione bagnata
Fr = Numero di Froude