

## **APPENDIX 5—Water level trends**

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| Point ID | UTM NAD83 Easting | UTM NAD83 Northing | Hydrograph Trend |
|----------|-------------------|--------------------|------------------|
| SM-0001  | 425,532.00        | 3,617,549.00       | Recharge         |
| SM-0028  | 423,989.00        | 3,642,203.00       | Recharge         |
| SM-0029  | 421,203.00        | 3,650,539.00       | Recharge         |
| SM-0030  | 421,385.00        | 3,644,503.00       | Decline          |
| SM-0031  | 421,525.00        | 3,645,073.00       | Recharge         |
| SM-0032  | 422,587.00        | 3,645,221.00       | Recharge         |
| SM-0033  | 422,691.00        | 3,645,226.00       | No Change        |
| SM-0034  | 426,646.00        | 3,617,211.00       | No Change        |
| SM-0035  | 420,432.00        | 3,625,055.00       | Recharge         |
| SM-0036  | 421,216.00        | 3,625,376.00       | Recharge         |
| SM-0037  | 418,745.00        | 3,651,181.00       | Recharge         |
| SM-0252  | 419,115.00        | 3,653,283.00       | No Change        |
| SM-0253  | 422,875.00        | 3,644,974.00       | No Change        |
| SM-0255  | 425,863.00        | 3,616,144.00       | No Change        |
| TB-002   | 422,350.00        | 3,652,484.00       | No Change        |
| TB-006   | 405,269.00        | 3,661,640.00       | Pumping          |
| TB-008   | 406,824.00        | 3,661,354.00       | Pumping          |
| TB-012   | 434,100.00        | 3,716,936.00       | Decline          |
| TB-015   | 416,169.00        | 3,663,114.00       | No Change        |
| TB-017   | 416,068.00        | 3,669,782.00       | No Change        |
| TB-018   | 418,499.00        | 3,670,756.00       | Recharge         |
| TB-020   | 434,473.00        | 3,713,353.00       | Recharge         |
| TB-021   | 434,563.00        | 3,713,343.00       | Recharge         |
| TB-022   | 435,458.00        | 3,706,524.00       | Decline          |
| TB-023   | 418,174.00        | 3,723,913.00       | Recharge         |
| TB-025   | 400,296.00        | 3,683,906.00       | Pumping          |
| TB-029   | 401,118.00        | 3,681,714.00       | No Change        |
| TB-037   | 429,185.00        | 3,720,985.00       | No Change        |
| TB-044   | 405,667.00        | 3,661,103.00       | Pumping          |
| TB-045   | 415,552.00        | 3,648,800.00       | Recharge         |
| TB-047   | 405,254.00        | 3,661,391.00       | Pumping          |
| TB-048   | 408,116.00        | 3,652,363.00       | Pumping          |
| TB-051   | 433,723.00        | 3,709,127.00       | Recharge         |
| TB-053   | 434,166.00        | 3,712,314.00       | Decline          |
| TB-055   | 407,516.00        | 3,650,959.00       | Pumping          |
| TB-057   | 400,392.00        | 3,687,006.00       | Pumping          |
| TB-059   | 403,882.00        | 3,688,491.00       | Decline          |
| TB-060   | 403,882.00        | 3,688,484.00       | Pumping          |
| TB-066   | 412,514.00        | 3,692,703.00       | Recharge         |
| TB-070   | 417,478.00        | 3,696,072.00       | Recharge         |
| TB-071   | 403,181.00        | 3,675,079.00       | Decline          |
| TB-075   | 404,439.00        | 3,675,027.00       | Pumping          |
| TB-076   | 403,862.00        | 3,678,689.00       | No Change        |
| TB-077   | 405,346.00        | 3,679,005.00       | Pumping          |
| TB-080   | 404,974.00        | 3,639,287.00       | Pumping          |
| TB-084   | 404,045.00        | 3,640,599.00       | Pumping          |
| TB-088   | 403,115.00        | 3,642,807.00       | Pumping          |
| TB-091   | 406,684.00        | 3,643,831.00       | No Change        |
| TB-094   | 434,613.00        | 3,709,464.00       | No Change        |

| Point ID | UTM NAD83 Easting | UTM NAD83 Northing | Hydrograph Trend |
|----------|-------------------|--------------------|------------------|
| TB-097   | 418,954.00        | 3,722,038.00       | Recharge         |
| TB-101   | 416,890.00        | 3,724,877.00       | Recharge         |
| TB-103   | 414,590.00        | 3,726,763.00       | No Change        |
| TB-106   | 416,568.00        | 3,723,647.00       | No Change        |
| TB-107   | 429,342.00        | 3,724,495.00       | No Change        |
| TB-109   | 431,148.00        | 3,720,440.00       | Decline          |
| TB-110   | 431,136.00        | 3,720,433.00       | Decline          |
| TB-111   | 401,989.00        | 3,705,340.00       | Recharge         |
| TB-113   | 415,828.00        | 3,720,705.00       | Recharge         |
| TB-117   | 397,722.00        | 3,708,600.00       | No Change        |
| TB-118   | 416,625.00        | 3,721,997.00       | No Change        |
| TB-119   | 419,375.00        | 3,722,756.00       | Recharge         |
| TB-120   | 419,280.00        | 3,722,805.00       | Recharge         |
| TB-122   | 419,846.00        | 3,721,904.00       | Recharge         |
| TB-124   | 421,310.00        | 3,722,282.00       | Recharge         |
| TB-128   | 399,791.00        | 3,705,691.00       | No Change        |
| TB-130   | 404,786.00        | 3,705,374.00       | Recharge         |
| TB-131   | 408,071.00        | 3,706,050.00       | Recharge         |
| TB-142   | 401,891.00        | 3,670,057.00       | Pumping          |
| TB-155   | 400,753.00        | 3,690,208.00       | No Change        |
| TB-157   | 402,003.00        | 3,694,326.00       | No Change        |
| TB-159   | 406,629.00        | 3,716,393.00       | Pumping          |
| TB-161   | 434,453.00        | 3,711,985.00       | Recharge         |
| TB-164   | 434,450.00        | 3,711,131.00       | Recharge         |
| TB-168   | 434,487.00        | 3,711,342.00       | Recharge         |
| TB-170   | 432,443.00        | 3,709,231.00       | Recharge         |
| TB-171   | 427,256.00        | 3,720,584.00       | Recharge         |
| TB-173   | 417,415.00        | 3,721,889.00       | No Change        |
| TB-179   | 405,225.00        | 3,706,244.00       | No Change        |
| TB-183   | 411,557.00        | 3,711,618.00       | No Change        |
| TB-188   | 414,574.00        | 3,714,509.00       | Decline          |
| TB-189   | 413,006.00        | 3,714,002.00       | No Change        |
| TB-191   | 420,518.00        | 3,711,063.00       | Recharge         |
| TB-192   | 417,985.00        | 3,706,677.00       | Recharge         |
| TB-194   | 411,513.00        | 3,706,535.00       | Recharge         |
| TB-196   | 404,296.00        | 3,702,847.00       | Recharge         |
| TB-199   | 406,653.00        | 3,699,724.00       | Recharge         |
| TB-200   | 403,690.00        | 3,699,223.00       | Recharge         |
| TB-203   | 423,176.00        | 3,725,965.00       | No Change        |
| TB-204   | 419,506.00        | 3,730,371.00       | No Change        |
| TB-205   | 419,510.00        | 3,730,312.00       | No Change        |
| TB-206   | 409,095.00        | 3,719,607.00       | No Change        |
| TB-209   | 423,618.00        | 3,730,769.00       | No Change        |
| TB-212   | 420,513.00        | 3,739,190.00       | Decline          |
| TB-213   | 427,765.00        | 3,731,785.00       | Recharge         |
| TB-214   | 434,450.00        | 3,712,681.00       | Recharge         |
| TB-221   | 420,027.00        | 3,719,517.00       | Recharge         |
| TB-223   | 424,270.00        | 3,714,997.00       | Decline          |
| TB-234   | 429,270.00        | 3,717,412.00       | Recharge         |