



| 5-YR AVERAGE RIVER LEVEL & DESIGN PEAK FLOW             | 420    | 220    | 200    | 200    | 150    | 220    | 270    | 270    | 270    | 195    | 195    | 195    | 195    | 195    | 420    |        |        |
|---------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WATER LEVEL (M)                                         | 234.55 | 234.33 | 234.27 | 234.09 | 234.05 | 234.06 | 233.98 | 233.69 | 233.60 | 233.50 | 233.36 | 230.60 | 230.57 | 230.56 | 230.51 | 230.50 | 230.49 |
| 5-YR AVERAGE RIVER LEVEL & SCREENS CAPACITY             | 350    | 130    | 130    | 130    | 150    | 220    | 200    | 200    | 200    | 125    | 125    | 125    | 125    | 125    | 125    | 350    |        |
| WATER LEVEL (M)                                         | 234.55 | 234.20 | 234.17 | 234.07 | 234.05 | 234.06 | 233.98 | 233.65 | 233.59 | 233.39 | 233.36 | 230.15 | 230.13 | 230.10 | 229.86 | 229.84 | 229.83 |
| 5-YR AVERAGE RIVER LEVEL & SECONDARY TREATMENT CAPACITY | 225    | 5      | 5      | 5      | 150    | 220    | 75     | 75     | 75     | 0      | 0      | 0      | 0      | 0      | 0      | 225    |        |
| WATER LEVEL (M)                                         | 234.56 | 234.11 | 234.11 | 234.05 | 234.05 | 234.11 | 234.10 | 233.57 | 233.56 | 233.37 | 233.36 | N/A    | N/A    | N/A    | 229.50 | 229.50 | 229.50 |
| 5-YR AVERAGE RIVER LEVEL & PRIMARY TREATMENT CAPACITY   | 150    | 0      | 0      | 0      | 150    | 150    | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150    |        |
| WATER LEVEL (M)                                         | 234.31 | N/A    | N/A    | N/A    | 234.05 | 234.11 | N/A    | N/A    | N/A    | N/A    | N/A    | N/A    | N/A    | N/A    | 229.36 | 229.36 | 229.36 |
| 5-YR AVERAGE RIVER LEVEL & AVERAGE DRY WEATHER FLOW     | 75     | 0      | 0      | 0      | 75     | 75     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 75     |        |
| WATER LEVEL (M)                                         | 234.05 | N/A    | N/A    | N/A    | 233.94 | 233.96 | N/A    | N/A    | N/A    | N/A    | N/A    | N/A    | N/A    | N/A    | 229.19 | 229.19 | 229.19 |

NOTES:  
 1. PROFILE ASSUMES ALL PROCESS TREATMENT UNITS ARE IN SERVICE.  
 2. ≡≡≡ DEPICTS SCREENS CAPACITY WATER LEVEL UNLESS OTHERWISE NOTED.



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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|
|                                                                                                                                                                                                      |  |                        |  | ENGINEER'S SEAL<br>29/01/2016<br>                                                                                                                         |  |                                                                            |  |
| DESIGNED BY: G. GERMAN<br>CHECKED BY: J. CHENG<br>DRAWN BY: G. GERMAN<br>APPROVED BY: H.T. FREIHAMMER<br>SCALE: NTS<br>ISSUED FOR CONSTRUCTION BY: T. TURZAK<br>DATE: 2014/01/17<br>DATE: 2016/01/29 |  | CONSULTANT NO.: 474248 |  | SOUTH END WATER POLLUTION CONTROL CENTRE<br>SEWPCC UPGRADING/EXPANSION PROJECT<br>PROCESS<br>HYDRAULIC PROFILE (2)<br>HEADWORKS AND WET WEATHER TREATMENT |  | CITY DRAWING NUMBER: 1-0102-PHYD-A004<br>SHEET: 001<br>REV: 00<br>SIZE: A1 |  |