

## **Appendix 14.7: Proposed Abstractions Summary for Option 2**



Proposed changes to Tata Steel abstractions for power plant water supply

Abstraction licence information

| Ref           | Location          | NGR        | Date of issue | Max licensed quantities (m <sup>3</sup> ) |                           |                             |
|---------------|-------------------|------------|---------------|---|---------------------------|-----------------------------|
|               |                   |            |               | Hourly (m <sup>3</sup> /hr)               | Daily (m <sup>3</sup> /d) | Annual (m <sup>3</sup> /yr) |
| 21/58/61/0012 | Port Talbot Docks | SS76898859 | 19/11/2010    | -   | 590,980                   | 206,615,700                 |
| 21/58/61/0009 | Docks Feeder      | SS75988969 | 19/11/2010    | 1,705                                     | 40,914                    | 14,933,610                  |
| 21/58/61/0024 | Ffrwdwyllt        | SS77158887 | 19/11/2010    | -   | 9,820                     | 2,273,000                   |

Abstractions under current operations

| Ref                                  | Location          | Current gross rate of abstraction<br>m <sup>3</sup> /yr | Licence uptake<br>%             | % Return<br>% | Current consumptive rate of abstraction<br>m <sup>3</sup> /yr |
|--------------------------------------|-------------------|---|---------------------------------|---------------|---|
| 21/58/61/0012                        | Port Talbot Docks | 166,000,000   | 80                              | 88            | 20,000,000  |
| 21/58/61/0009                        | Docks Feeder*     | 10,000,000  | 67                              | 0             | 10,000,000  |
| 21/58/61/0024                        | Ffrwdwyllt        | 900,000   | 40                              | 0             | 900,000   |
| Total gross abstraction =            |                   | 176,900,000   | Total consumptive abstraction = |               | 30,820,000  |
| *from recent actual abstraction data |                   |   |                                 |               |   |

Abstractions under proposed operations

| Ref                       | Location          | Proposed gross rate of abstraction<br>m <sup>3</sup> /yr | Licence uptake<br>%             | % Return**<br>% | Proposed consumptive rate of abstraction<br>m <sup>3</sup> /yr |
|---------------------------|-------------------|--|---------------------------------|-----------------|--|
| 21/58/61/0012             | Port Talbot Docks | 166,000,000  | 80                              | 88              | 20,000,000   |
| 21/58/61/0009             | Docks Feeder*     | 13,000,000   | 86                              | 0               | 13,000,000   |
| 21/58/61/0024             | Ffrwdwyllt        | 900,000  | 40                              | 0               | 900,000  |
| Total gross abstraction = |                   | 179,900,000  | Total consumptive abstraction = |                 | 33,900,000   |
| Increase from existing =  |                   | 3,000,000<br>(2% increase)                               | Increase from existing =        |                 | 3,080,000<br>(10% increase)                                    |

\*\*For Docks Feeder abstraction, consumptive loss of 20,000,000m<sup>3</sup>/yr assumed for both current and proposed operation.

This is considered to be the worst case scenario as future actual losses are currently unknown

Note: Phase 2 of Option 2 is the same as Option 1