SULTAN AZLAN SHAH POWER STATION  
TNB JANAMANJUNG SDN BHD  
CHEMICAL SERVICES AND ENVIRONMENT SECTION

MONTHLY REPORT  
**December 2017**

Environment Performance Update

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| **Parameter** |  | **Status / Description** |
| Stack monitoring | Unit M1 | M1 under Major Overhaul on 14 October – 18 December 2017. |
| Unit M2 | All readings were within DOE limit except as mentioned below:   * Opacity maximum readings exceeded limit for whole month suspect due to ESP rapping and one ESP field faulted but daily average reading below the DOE limit. |
| Unit M3 | All readings were within DOE limit except as mentioned below:   * M3 under maintenance planned outage on 27 November – 28 December 2017 and 30 November – 8 December 2017. * Opacity maximum readings exceeded limit for whole month suspect due to ESP rapping and one ESP field faulted but daily average reading below the DOE limit.   . |
| Unit M4 | All readings were within DOE limit.   * M4 under maintenance planned outage from 25 and 30/11/2017. * Opacity maximum reading exceeded limit on 12 and 16 November 2017 due fabric filter damper bypass opened automatically   . |
| Rain Water | AQM No. 1 | Average pH reading was 4.83 |
| AQM No. 2 | Average pH reading was 4.86 |
| AQM No. 3 | Average pH reading was 5.09 |
| Ambient Air | AQM No. 1 | All readings were not available due to process of replacement for all analysers |
| AQM No. 2 | All readings were not available due to process of replacement for all analysers |
| AQM No. 3 | All readings were not available due to process of replacement for all analysers |
| Noise Level | NM1- North bank of island. | Day and night Leq dB readings within the limit. |
| NM2- East bank of island | Day and night Leq dB readings within the limit. |
| NM3- North bank of island (Middle) | Day and night Leq dB readings within the limit. |
| NM4-West bank of island | Day and night Leq dB readings within the limit. |
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| GF 1  IWWTP Effluent |  | All parameters tested within DOE standard B limit |
| GF 2  IWWTP Effluent |  | All parameters tested within DOE standard B limit |
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| GF1  CYWWTP Effluent |  | All parameters tested within DOE standard B limit. |
| GF2  CYWWTP Effluent |  | All parameters tested within DOE standard B limit |
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| GF1  Cooling water | Fore bay | All parameters tested within the DOE standard B limit |
| Outfall | All parameters tested within the DOE standard B limit |
| GF2  Cooling water | Fore bay | All parameters tested within the DOE standard B limit except as mentioned below: |
| Outfall | All parameters tested within the DOE standard B limit |
| GF1  Storm water | N/A | All parameters tested within the DOE standard B limit. |
| GF2  Storm water | N/A | All parameters tested within the DOE standard B limit. |
| Scheduled Wastes Disposed  (MT) | N/A | SW305 – 5.6  SW306 – 0.8 |