



4 September 2019

Minutes of the pre-application meeting with Department of Water and Sanitation for the proposed Pakco Mini Factories development, Verulam held on 4 September 2019 at 09h00 at the offices of DWS.

In attendance:

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| Antonia Steenkamp | AS | DWS |
| Colleen Moonsamy | CM | DWS |
| Hans Coetzee | HC | Hans Coetzee Architects/Pakco |
| Mike Houseman | MH | MHA |
| Johan Bodenstein | JB | Indiflora cc Environment Services (EAP) |
| Ronel Niemann | RN | Indiflora cc Environment Services |

- JB introduced the team and the project concept, that being mini factories on the vacant undeveloped portions of the Pakco site on both sides of the water course.
- JB noted the Pakco wish to infill the stormwater drain (not wetland as previously discussed) east of the existing factory to create a larger, more useful platform and queried DWS view of that happening.
- AS from the previous meeting the following applied: Section 21 (a) and (b) and wetland rehabilitation. There is no wetland on the site and therefore no need for wetland rehabilitation.
- JB the new development will use municipal water. The existing borehole applies only to the existing factories.
- CM There is no need for a Section 21 (a) application.
- MH explained the attenuation structures will include underground tanks and structures to dissipate the flow of water, there will be no attenuation dams.
- CM There is no need for a Section 21 (b) application.
- CM attenuation structures must be included in the Aquatic Study.
- JB the sewer line crossing the existing culvert will be the only watercourse crossing.
- AS documents that must be included in the applicant are: Civil engineering Report, Hydrological report, monitoring programme, alternatives report, contingency plant and the signed SLA from the Verulam WWTW.
- AS DWS will confirm if a Hydropedological Report is necessary for this development.

Johan Bodenstein
PrSciNat