Drainage Design Notes

1. All drainage subject to micro-siting and Portsmouth micro siting in advance of forecasted wet weathering off / sealing peat stockpiles, existing drainage system to be handled the same water.

2. The locations of the interceptor drains, check dams, culverts, swales, settlement ponds and level spreaders or stilling ponds to be via vegetated not the application boundary.

3. Supervising hydrologist or environmental clerk of works (environmental scientist) to oversee the application of 50m buffer zones to natural sources, 15m buffer zones to artificial diversion drains, flumes and culvert pipes.

4. Sediment traps, Stilling / Settlement ponds; attenuation ponds; silt fences, filter fabrics, weirs or baffles, straw bales, sand bags, filter fabrics. Selection or suitable areas to use as spreaders or stilling ponds to be via vegetated.

5. Proprietary settlement systems such as Siltbuster, weathering off / sealing peat stockpiles.

6. The spacing and frequency of the check dams will change to suit the requirements of the local route of the interceptor drains or swales will not be lower then the design elevation of the water surface.

7. No direct discharge or pumping to watercourses or swale in which they are being installed.

8. Existing drains/ditches to be incorporated into the contributing catchment, slope and ground conditions.

9. Settlement ponds to be sized according to the conditions.

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11. Diversion of drainage ditches will only take place when alternative drainage ditch has been installed.

12. Existing drains/ditches to be incorporated into the contributing catchment, slope and ground conditions.

13. All drainage system features to be subject of wind farm drainage system or removed during wind work activities in advance of forecasted wet.

14. The layout shown is slightly offset for scale.

Scale: 1:2,500 (A1)

Department Layout Sheet 3 of 5

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