

Point One
Tournament Way,
Ashby-de-la-Zouch,
LE65 2UU,
United Kingdom.

Tuesday, 31 January 2023
Ref: 7433-L1

To Whom it may concern,

North York Moors Planning Department

Subject: Foul Drainage Discharge Proposed Business Park

Dear Sirs,

Further to your letter of 23rd January 2023, Reference NYM/2023/0025, a previous planning application, which was approved Ref. NYM/2008/0547/EIA, the foul drainage was to be drained to the existing foul sewer.

It is proposed in this application to adopt exactly the same outfall to the existing foul drainage system.

Should there be an issue with the outfall levels being above the level at which a gravity outfall can be achieved, then a foul drainage pump chamber with macerator and standby pump will be installed to pump the discharge to the appropriate discharge manhole.

I trust that this proposal suitably answers the question raised in your letter with regard to the foul water discharge from the proposed site.

Should it be determined during detailed design that a more rigorous solution is required, a suitably sized Sewage treatment plant (STP) can be designed, positioned on-site, and the discharge disposed of as above.

Yours faithfully,

Eur. Ing., S. J. Parker, BSc., C. Eng., M.I.C.E

Managing Director:

Eur. Ing., S J Parker BSc., C.Eng., M.I.C.E

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Vat Reg No: 695 0505 23



NAFLIC



Energy Benchmarks for proposed industrial units at Whitby

Unit Number	Length	Width	Area	KgCO ₂	kgCO ₂ /yr	
Unit 1	32	16	512	52.1	26675.2	kgCO ₂ /yr
Unit 2	48	16	768	52.1	40012.8	kgCO ₂ /yr
Unit 3	48	16	768	52.1	40012.8	kgCO ₂ /yr
Unit 4	24	16	384	52.1	20006.4	kgCO ₂ /yr
Unit 5	16	16	256	52.1	13337.6	kgCO ₂ /yr
Unit 6	16	16	256	52.1	13337.6	kgCO ₂ /yr
Unit 7	24	16	384	52.1	20006.4	kgCO ₂ /yr
Unit 8	40	16	640	52.1	33344	kgCO ₂ /yr
Unit 9	32	24	768	52.1	40012.8	kgCO ₂ /yr
Unit 10	40	24	960	52.1	50016	kgCO ₂ /yr

Total = 296761.6 kgCO₂/yr
 10% of Total = 29676.16 kgCO₂/yr

Solar Panels

Total area	Unit size L	Unit size W	Unit area	Wp	Total Wp
1317	2.002	0.885	1.77	310	230.43
			Region KWh/yr per KWp	Annual KWh/yr	
			918	211535.28	

Standard Conversion factor Electric to kgCO₂ = 0.422 CO₂ savings
89267.89 kgCO₂/yr
 Expressed as % of Energy Model Data = 30%

NYMNPA
 31/01/2023