



Chicken Shit Links: IPU Planning Presentations 30-11-21

HCPRE Poultry Unit Map:

<https://www.cpreherefordshire.org.uk/resources/map-of-chicken-units-in-the-wye-catchment-area/>

AIR QUALITY

Air Pollution Information System

<http://www.apis.ac.uk>

Institute of Air Quality Management (IAQM) guidance

<https://iaqm.co.uk/text/guidance/air-quality-impacts-on-nature-sites-2019.pdf>

Shropshire Council ammonia guidance

<https://shropshire.gov.uk/media/10859/interim-guidance-note-on-ammonia-emitting-developments-apr-2018.pdf>

WATER QUALITY

Natural England's Conservation Objectives for the River Wye (download)

<http://publications.naturalengland.org.uk/publication/6096799802589184>

Annex 6, Nitrate Vulnerable Zone guidance

<http://adlib.eversite.co.uk/adlib/defra/content.aspx?id=1L0UBS3NC1.9O1IVBD6ENDWV>

Nitrate Pollution Prevention Regulations 2015

<https://www.legislation.gov.uk/uksi/2015/668/contents/made>

<https://www.theguardian.com/environment/2021/nov/29/uk-farmers-may-have-to-cut-livestock-count-to-save-rivers-says-expert>

REGULATIONS

Environmental Impact Assessment Regulations (The EIA Regulations)

<https://www.legislation.gov.uk/uksi/2017/571/contents>

Conservation of Habitats and Species Regulations (The Habitats Regulations)

<https://www.legislation.gov.uk/uksi/2017/1012/contents>

Squire v Shropshire judgement

[https://cornerstonebarristers.com/cmsAdmin/uploads/r-\(on-the-application-of-squire\)-v-shropshire-council-judgment-24-may-2019.pdf](https://cornerstonebarristers.com/cmsAdmin/uploads/r-(on-the-application-of-squire)-v-shropshire-council-judgment-24-may-2019.pdf)

POLLUTANTS IN POULTRY MANURE RESEARCH

<https://www.sciencedirect.com/science/article/abs/pii/S0048969720329764>

<https://www.energyjustice.net/poultrylitter/toxics>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6801513/>

CONSCIOUSNESS-RAISING

<https://thehumaneleague.org.uk/Chickens-deserve-better>

<https://78460747.flowpaper.com/FactoryFarmingisharminganimalspeopleandtheplanet/?fbclid=IwAR0K4M4Ux30T7nroO4bT9slZfZbSY4uA9gWmlqsNyUFPJvxC3RwPctRnwxI#page=1>



HUMAN HEALTH

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291702/scho0408bnxe-e-e.pdf

TRAFFIC

TRAFFIC MOVEMENTS TYPICAL FOUR BROILER UNIT DEVELOPMENT

Calculation of traffic generation

Vehicle Movements per Flock Cycle (based on eight cycles per year)

Activity	Vehicle	Frequency
Chick Delivery	44t/16/5m HGV	4
Feed Delivery	44t/16/5m HGV	37
Bird Collection	44t/16/5m HGV	28
Fuel Delivery	44t/16/5m HGV	3 (min)
Manure Removal	Tractor and trailer	27
Dirty Water Removal	Tractor and tanker	3
Shavings Delivery	44t/16/5m HGV	4
HGV/TRACTOR movements (two way)		106(212)
Staff Vehicles	car	120
Catching Gangs	Minibus	4
Cleaning Teams	Minibus	4
Maintenance	car/van	4
Vets/Inspectors	car	8
Carcass Collection	Van	5
Total Traffic Per Cycle (two way)		251 (502)
Total Traffic Per annum (two way) 8 cycles		2008 (4016)

The numbers are based on four units each housing 50,000 birds operating on eight cycles per annum.

Thanks to Helen Hamilton