

Screening Opinion under Regulation 5 of the Town & Country Planning
(Environmental Impact Assessment) (England & Wales) Regulations 1999

Proposal: Trumps Farm, Kitsmead Lane, Longcross, Chertsey – Proposed construction of an Anaerobic Digestion Facility and Wood Pelleting Facility

Date of initial request:

9th September 2010

Further information received:

N/a

Request acknowledged:

Deadline for response:

30th September 2010

Screening Opinion & Key Reasons

The proposed scheme would involve the construction of an Anaerobic Digestion Facility for the disposal of biodegradable organic waste and the associated generation of 2MW(e)hr per annum of renewable electricity and a Wood Drying and Pelleting Facility on an area of land to the southwest of Trumps Farm.

The proposed scheme has been identified as falling under paragraphs 11(b) and 3(a) of Schedule 2 of the EIA Regulations which requires EIA if the proposed scheme is likely to have significant effects by virtue of factors such as its size, nature or location. The proposed scheme exceeds one of the recognised thresholds for both *waste disposal installations* (paragraph 11(b)) and *industrial installations for the production of electricity* (paragraph 3(a)) as the scheme involves; an area of the development that exceeds 0.5 hectares. With regard to waste disposal installations the likelihood of significant effects generally depends on the scale of the development and nature of potential impact in terms of discharges, emissions or odour. The main considerations for industrial installations for the production of electricity are the levels of emissions to air, arrangements for the transport of fuel and any visual impact. These various points have been considered by the County Planning Authority who recommend that the proposed scheme **does not** constitute **EIA development**.

The proposed scheme would involve an activity that fits into two categories of development listed in Schedule 2 (paragraph 3(a) *Industrial installations for the production of electricity, steam or hot water (unless included in Schedule 1)*) and (paragraph 11(b) *installations for the disposal of waste (unless included in Schedule 1)*) of the EIA Regulations.

The proposed scheme would **exceed** the relevant threshold given in Schedule 2 of the EIA Regulations for Industrial installations for the production of electricity (paragraph 3(a) – *the area of the development exceeds 0.5 hectare*), as it would involve the construction of an Anaerobic Digestion Facility on an area of land that measures approximately 3 hectares.

The proposed scheme **would not** exceed the relevant thresholds set for installations for the generation of electricity in the Government's Guidance (Circular 02/99) on EIA, which advises that '*EIA will normally be required for power stations which require approval from the Secretary of State at the Department of Trade & Industry (i.e. those with a thermal output of more than 50 MW). EIA is unlikely to be required for smaller new conventional power stations. Small stations using novel forms of generation should be considered carefully in line with the guidance in PPG22 (Renewable Energy). The main considerations are likely to be the level of emissions to air, arrangements for the transport of fuel and any visual impact.*' (Paragraph A11).

The material will be deposited inside the wood chip building, where it will be chipped if necessary and then transported to the dryer using a loading shovel. It will be deposited into a hopper, which feeds a drying surface. Heat produced in the AD process is blown through the product to promote drying. It will then be passed into a pelleting machine, which grinds and compacts the material to produce homogenous pellets. The pellets will then be exported for use as a suitable fuel in biomass boilers. It is anticipated that the facility will process a maximum of 10,000 tonnes per annum with an output of approximately 5,000 tonnes.

The entire development is anticipated to generate approximately 41 loads or 82 movements per day in total, which over a 10 hour working day is approximately 8 movements per hour.

Location of proposal

The proposed site is located on an area of agricultural land between Trumps Farm and Hersham Farm approximately 1.7 km directly south of the residential area of Virginia Water and 4 km west of Chertsey. Junction 12 of the M25 Motorway lies approximately 2.4 km northeast of the site with the M3 motorway lying 400 metres to the north. The site is accessed by farm track to the east of Kitsmead Lane and bordered to the north by the restored Trumps Farm landfill, agricultural land to the east, a green waste site associated with Trumps Farm to the west and Bog Wood to the south. Barrow Hill Golf club lies to the west approximately 600 metres and Fox Hills Golf Course to the southeast approximately 850 m.

The proposed site is not covered by any national or higher-level nature conservation designations although there are several areas of interest within the surrounding area. These include Thorpe Park No1 Gravel Pit (2.9 km northeast) Site of Special Scientific Interest (SSSI), which forms part of the South West London Waterbodies Special Protection Area (SPA) & Ramsar site, protected by an international convention (the Ramsar Convention on wetlands of international importance) and European law (under the Wild Birds Directive). To the west (1.9km) lies Chobham Common SSSI which forms part of the Thames Basin Heaths SPA and part of Thursley, Ash, Pirbright and Chobham Special Area of Conservation (SAC) protected under European Law by the Habitats Regulations. To the northwest of the site approximately 3.1 km lies Windsor Forest and Great Park SSSI, which is also designated as part of Windsor Great Park SAC.

The proposed site is not covered by any local level nature conservation designations and is not covered by any landscape designations at the local or higher level although it is located within the Metropolitan Green Belt.

The site is not covered by any national level archaeological or historic heritage designations or by any local level archaeological constraints and is not noted as containing any points listed on the Surrey Historic Environment Record (HER). There are however a two HER points in close proximity; HER 14043 – The Warren (400 m southwest) and HER point 14234 – Trumps Farm (150 m southeast). There are also a number of areas of green archaeological constraint in the surrounding area, the first is located adjacent to the northwest of the site in the restored landfill, the second on land to the east of Hersham Copse (1 km east) and two sites at Barrow Golf Club (800 metres to the southwest).

The proposed site is not classified as being at risk of flooding by the Environment Agency and does not lie within an area covered by a ground water Source Protection Zone (SPZ).

Consideration against Schedule 1 and Schedule 2 of the EIA Regulations

Is the proposal listed in Schedule 1?

The proposed scheme does not involve a form of development listed in Schedule 1 of the EIA Regulations.

Is the proposal listed in Schedule 2?

The proposed scheme would involve two forms of development listed in Schedule 2 of the EIA Regulations:

- *Paragraph 3(a) – Industrial installations for the production of electricity, steam and hot water (unless included in Schedule 1)*
- *Paragraph 11(b) – Installations for the disposal of waste (unless included in Schedule 1)*

Does the proposal exceed the relevant thresholds given in the EIA Regulations?

Detail for Schedule 2 (paragraph. 3(a)): *the area of the development exceeds 0.5 hectare.*

The proposed scheme would involve the construction of an Anaerobic Digestion Facility and Wood Drying and Pelleting Facility an area of land that measures approximately 3 hectares.

Detail for Schedule 2 (paragraph 11(b)): *(i) The disposal is by incineration; or (ii) the area of development exceed 0.5 hectares; or (iii) the installation is to be sited within 100 metres of any controlled waters.*

The proposed scheme would involve the generation of approximately 2MW(e)hr of electricity per annum on an area of land that measures approximately 3 hectares, which is not sited within 100 metres of any controlled waters.

Screening Checklist for Schedule 2 Projects (from EIA Regulations Schedule 3)

Characteristics of the proposed scheme

Screening criteria *Would the size of the proposed scheme be in keeping with the context in which it would be located?*

Scheme characteristics

The AD facility would comprise of a reception building, measuring approximately 35 m x 31 m and 13 m high, 5 x digestion tanks measuring approximately 28 m in diameter and 13.5 m in height, gas engines, a bark and wood chip biofilter, silage storage area, a weighbridge and site office / welfare facility and a wood drying and pelleting facility measuring 40 m x 25 m x 13 m. The proposed site is located on an area of agricultural land between Trumps Farm and Hershams Farm with the M3 Motorway lying 400 metres to the north. The site is accessed by farm track to the east of Kitsmead Lane and bordered to the north by the restored Trumps Farm landfill, agricultural land to the east, a green waste site associated with Trumps Farm to the west and Bog Wood to the south.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme cumulate with other development?*

Scheme characteristics

The proposed site is located on an area of agricultural land between Trumps Farm and Hershams Farm with the M3 Motorway lying 400 metres to the north. The site is accessed by farm track to the east of Kitsmead Lane and bordered to the north by the restored Trumps Farm landfill, agricultural land to the east, a green waste site associated with Trumps Farm to the west and Bog Wood to the south.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme involve the use of natural resources?*

Scheme characteristics

The proposal would involve the Anaerobic Digestion of approximately 48,500 tonnes of biodegradable organic waste. In addition the wood drying and pelleting facility will process a maximum of 10,000 tonnes per annum with an output of approximately 5,000 tonnes per annum.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria	Would the proposed scheme produce large volumes or hazardous types of wastes?
<i>Scheme characteristics</i>	
<p>The proposed scheme produces digestate, which is dewatered at the end of the process, which concentrates the solid fraction into a 20% dry matter cake and dry matter liquor. This liquor can be recycled and reintroduced to the mixing tank if required to reduce the viscosity of the solid wastes in the absence of sufficient liquid wastes.</p> <p>When the season is correct for recycling to land the digestate is pumped into sealed tankers and then transported to selected fields where specialist spreaders apply the digestate to the land.</p>	
<i>Characteristics of potential impacts</i>	
No significant impacts are anticipated.	

Screening criteria	Would the proposed scheme have the capacity to give rise to pollution or nuisances?
<i>Scheme characteristics</i>	
<p>The proposed facility has the potential to give rise to nuisance in the form of noise, emissions and odour from the Anaerobic Digestion Facility and vehicle movements.</p> <p>Noise generated from the proposed development is not anticipated to be significant. The loading and unloading of vehicles will take place within the reception building. The gas engines are housed in containers with acoustic insulation and silencers are fitted on the ventilation and exhaust systems. Noise will generally be associated with the vehicles movements to and from the site which will be fitted white noise reversing alarms and will total approximately 8 movement per hour. Due to the close proximity of the development with the M3 Motorway the background noise levels are anticipated to be relatively high and therefore the noise levels associated with the site are not expected to be significant. They will however have to comply with Surrey Guidelines for Noise Control: Minerals & Waste Disposal.</p> <p>The applicant has stated that the Agrivert AD system is specially designed to minimise potential disturbance of emissions odour to local receptors. The waste is transported in enclosed vehicles; it is deposited and treated within an enclosed building prior to being fed into digestion tanks via sealed pipework. The reception building has an air extraction system, which maintains negative pressure and the extracted air is treated through a bark and woodchip biofilter prior to exhausting to the atmosphere. The biofilter will effectively treat all odours as well as gases such as ammonia. The building would also be equipped with automatically closing electric speed doors, maintaining negative air pressure and ensuring the waste has minimal exposure to the outside air. The externally sited tanks are completely sealed to facilitate "anaerobic" gas collection and to eliminate odour release. The biogas is scrubbed prior to entering the gas engine to remove element such as Sulphur and Siloxanes. The exhaust gas is monitored and strictly limited to ensure it does not exceed statutory limits. The digestate is collected and pumped into sealed tankers, which do not allow any emissions whilst loading or exporting digestate.</p> <p>The principle sources of dust emissions will be from the vehicles and movement of the energy crop silage and the chipping of wood in the Pelleting Facility. The internal haul roads are hard surfaced and should not therefore generate significant levels of dust, in addition a water bowser can be used on site should dust levels increase sufficiently. All chipping of wood will take place within the wood chipping building, which will minimise dust emissions.</p>	
<i>Characteristics of potential impacts</i>	

The closest receptor to the site is at Trumps Farm 250 metres northeast, the commercial properties at Hershams Farm 450 metres southeast and at Chevythorn House 580 metres southwest of the site. The applicant will have to demonstrate that the proposed development will not give rise to the emission of polluting substances, odour & dust nuisance, and complies with Surrey Guidelines for Noise Control: Minerals & Waste Disposal.

Screening criteria	<i>Would the proposed scheme present risks of accidents?</i>
<i>Scheme characteristics</i>	
The risks of accidents associated with the construction and operation of the proposed Anaerobic Digestion Facility and Wood Drying and Pelleting Facility, should be managed through appropriate health and safety at work procedures.	
<i>Characteristics of potential impacts</i>	
No significant impacts are anticipated.	

Sensitivity of proposed location

Screening criteria	<i>Would the proposed scheme be compatible with existing land use at the intended site & in adjacent areas?</i>
<i>Scheme characteristics</i>	
The proposed site is located on an area of agricultural land between Trumps Farm and Hershams Farm with the M3 Motorway laying 400 metres to the north. The site is accessed by farm track to the east of Kitsmead Lane and bordered to the north by the restored Trumps Farm landfill, agricultural land to the east, a green waste site associated with Trumps Farm to the west and Bog Wood to the south.	
<i>Characteristics of potential impacts</i>	
No significant impacts are anticipated.	

Screening criteria	<i>Would the proposed scheme have implications for the relative abundance, quality & regenerative capacity of the area's natural resources?</i>
<i>Scheme characteristics</i>	
The proposal would involve the Anaerobic Digestion of approximately 48,500 tonnes of biodegradable organic waste. In addition the wood drying and pelleting facility will process a maximum of 10,000 tonnes per annum with an output of approximately 5,000 tonnes per annum.	
<i>Characteristics of potential impacts</i>	
The proposed scheme has the benefit of contributing towards the Governments CO ₂ reduction and renewable energy generation targets.	

Screening criteria	<i>Would the proposed scheme have implications for the integrity of any wetlands?</i>
<i>Scheme characteristics</i>	
The proposed scheme is not expected to have any implication for the integrity of any wetlands.	

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme have implications for the integrity of any woodland areas?*

Scheme characteristics

The proposed scheme would not directly affect any areas of woodland. Located adjacent to the southwest of the site lies a small area of woodland known as Bog Wood. Also located in close proximity to the proposed site (450 metres north and 850 metres northwest) are two areas of semi-natural ancient woodland at Knowles Grove & Knowle Hill respectively.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme have implications for the integrity of any nature reserves or parks?*

Scheme characteristics

The proposed scheme would not directly affect any nature reserves or parks.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme have implications for the integrity of any Site of Special Scientific Interest (SSSI)?*

Scheme characteristics

The proposed scheme is not anticipated to have any implication for the integrity of any SSSI, although there are several areas of interest within the surrounding area. These include Thorpe Park No1 Gravel Pit (2.9 km northeast) Site of Special Scientific Interest (SSSI) and Chobham Common SSSI (1.9km west). In addition to the northwest of the site approximately 3.1 km lies Windsor Forest and Great Park SSSI.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme have implications for the integrity of any Special Protection Area (SPA) &/or Ramsar site?*

Scheme characteristics

The site of the proposed scheme is located in close proximity (approximately 2.9 km to the northeast) to Thorpe Park No1 Gravel Pit Site of Special Scientific Interest (SSSI), which forms part of the South West London Waterbodies Special Protection Area (SPA) & Ramsar site, protected by an international convention (the Ramsar Convention on wetlands of international importance) and European law (under the Wild Birds Directive), In addition to the south west (1.9 km) lies Chobham Common SSSI which forms part of the Thames Basin Heaths SPA.

Characteristics of potential impacts

The proposed facility is considered unlikely to have any adverse effect on the habitats of the South West London Waterbodies, however an appropriate assessment screening opinion in relation to Chobham Common SSSI, which forms part of the Thames Basin Heaths SPA must be undertaken prior to the determination of the planning application.

Screening criteria *Would the proposed scheme have implications for the integrity of any Special Area of Conservation (SAC)?*

Scheme characteristics

The proposed scheme would not directly affect any SACs. To the northwest of the site approximately 3.1 km lays Windsor Forest and Great Park SSSI, which is also designated as part of Windsor Great Park SAC and to the southwest of the site lies Chobham Common SSSI part of Thursley, Ash, Pirbright and Chobham Special Area of Conservation (SAC).

Characteristics of potential impacts

The proposed facility is considered unlikely to have any adverse effect on the habitats of the Windsor Great Park SAC, however an appropriate assessment screening opinion in relation to Chobham Common SSSI, which forms part Thursley, Ash, Pirbright and Chobham Special Area of Conservation (SAC) must be undertaken prior to the determination of the planning application.

Screening criteria *Would the proposed scheme have implications for any areas where environmental quality standards are already exceeded?*

Scheme characteristics

The proposed scheme is not anticipated to have any implications for are where environmental quality standards have been exceeded.

Characteristics of potential impacts

No significant impacts are anticipated.

Screening criteria *Would the proposed scheme have implications for any densely populated areas?*

Scheme characteristics

The proposed scheme is located in a relatively rural area with Virginia Water being the closest residential area (1.7 km north of the site). The closest receptor to the site is at Trumps Farm 250 metres northeast, the commercial properties at Hershams Farm 450 metres southeast and at Chevythorn House 580 metres southwest of the site.

Characteristics of potential impacts

The applicant will have to demonstrate that the proposed development will not give rise to the emission of polluting substances, odour & dust nuisance, and complies with Surrey Guidelines for Noise Control: Minerals & Waste Disposal.

Screening criteria *Would the proposed scheme have implications for the integrity of any landscapes of historical, cultural or archaeological significance?*

Scheme characteristics

The proposed scheme would not directly affect any areas of national importance in respect of the landscape, archaeology or historic heritage.

Characteristics of potential impacts

No significant impacts are anticipated.

Consideration of possible impacts on the environment & human population

Risks to the environment

Air quality

Low significance

The Anaerobic Digestion Facility and the Wood Drying and Pelleting Facility has the potential to give rise to emissions, dust and odour from the digestion process, the generation of electricity and vehicle movements.

However the applicant has stated that the Agrivert AD system is specially designed to minimise potential disturbance to local receptors. The waste is transported in enclosed vehicles; it is deposited and treated within an enclosed building prior to being fed into digestion tanks via sealed pipework. The reception building has an air extraction system, which also maintains negative pressure and the extracted air is treated through a bark and woodchip biofilter prior to exhausting to the atmosphere. The biofilter will effectively treat all odours as well as gases such as ammonia. The building would also be equipped with automatically closing electric speed doors, maintaining negative air pressure and ensuring the waste has minimal exposure to the outside air. The externally sited tanks are completely sealed to facilitate "anaerobic" gas collection and to eliminate odour release and the biogas is scrubbed prior to entering the gas engine to remove element such as Sulphur and Siloxanes. The exhaust gas is monitored and strictly limited to ensure it does not exceed statutory limits. The digestate is collected and pumped into sealed tankers, which do not allow any emissions whilst loading or exporting digestate.

The proposed development has the potential to give rise to odour, however if the odour control measures are implemented effectively, due to the remote location and lack of adjacent receptor's in the immediate vicinity, and the context that the development is set (i.e. farmland) it is anticipated that the ground level impacts of odour would be reduced to an acceptable level, and not considered to be significant in EIA terms.

The principle sources of dust emissions will be from the vehicles and movement of the energy crop silage and the chipping of wood in the Pelleting Facility. The internal haul roads are hard surfaced and should not therefore generate significant levels of dust, in addition a water bowser can be used on site should dust levels increase sufficiently. All chipping of wood will take place within the wood chipping building, which will minimise dust emissions. Emissions associated with the movements of vehicles to and from the facility are not expected to be significant in EIA terms and any issues with regard to dust could be controlled through the use of best practice methods in the management and operation of the site.

Archaeology & historic environment

Low significance

The proposed scheme for the construction of Anaerobic Digestion Facility and the Wood Drying and Pelleting Facility is unlikely to give rise to impacts on areas or features of significant archaeological or historic value.

The site is not covered by any national level archaeological or historic heritage designations or by any local level archaeological constraints and is not noted as containing any points listed on the Surrey Historic Environment Record (HER). There are however a two HER points in close proximity; HER 14043 – The Warren (400 m southwest) and HER point 14234 – Trumps Farm (150 m southeast). There are also a number of areas of green archaeological constraint in the surrounding area, the first is located adjacent to the northwest of the site in the restored landfill, the second on land to the east of Hersham Copse (1 km east) and two sites at Barrow Golf Club (800 metres to the southwest). Further archaeological work may be required at application stage.

Climate change**Low significance**

The proposed scheme for the construction of the Anaerobic Digestion Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to substantial additional carbon emissions. Small amounts of carbon emissions would be generated from the vehicle movements associated with the delivery of the biodegradable organic waste to the facility, but this is not expected to be significant in EIA terms.

The anaerobic digestion of biodegradable organic waste is considered to be carbon neutral and the proposed generated electricity would displace a total of 6880 tonnes per year of carbon dioxide (CO₂) (this is based on 2000 kw /h x 0.43 = 860 kg/hCO₂ x 8000 hrs = 6,880,000/1000 = 6880 tonnes pa). In addition the digestion process will save the emission of a significant volume of Methane.

Ecology**Low significance**

The proposed scheme for the construction of Anaerobic Digestion Facility and the Wood Drying and Pelleting Facility was considered unlikely to have the potential to present risks to ecology and biodiversity. The proposed development site has been previously used for arable farming and now consists of low-grade agricultural land of little ecological value.

Chobham Common SSSI which forms part of the Thames Basin Heaths SPA and part of Thursley, Ash, Pirbright and Chobham Special Area of Conservation (SAC) protected under European Law by the Habitats Regulations lies to the west of the site (1.9 km) and therefore the proposed site will need to be screened for Appropriate Assessment under the Habitat Regulations.

At application stage it may be necessary to demonstrate that the proposed levels of nitrogen deposition emissions from the facility, associated vehicle movements and the generation of electricity would not significantly increase levels above the critical load for the sensitive heathland habitats of the SPA bird species.

Geology & soils**Not significant**

The proposed scheme for the construction of Anaerobic Digestion Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to adverse impacts on the local soils and geology. The proposed scheme is not expected to give rise to any significant changes in the geology or soils of the site or the surrounding area.

Hydrology & hydrogeology**Low significance**

The proposed scheme for the construction of Anaerobic Digestion (AD) Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to significant adverse impacts on the area in terms of hydrology and hydrogeology. AD offers a completely sealed liquid management system, incoming wastes are immediately captured in the reception tanks and bunkers and the whole process is totally enclosed and no liquids leave the plant other than the treated digestate destined as liquid fertiliser, which is collected and transported in sealed tankers. Digestate loading is carried out over a drainage sump to capture any spillages and this is re-used in the process. Rain water which falls upon the roof of the reception building and tank is considered clean and will therefore be collected and fed into a soak away system, or discharged to a nearby water course. Any run-off from the silage storage area will be stored separately and reused in the AD process. The water management system will be designed to prevent the adverse affects of flooding on and off the site as a result of the proposed development. The proposed scheme would not be located within 100 metres of any controlled waters or located within a flood risk zone.

Landscape***Low significance***

The proposed scheme for the construction of Anaerobic Digestion (AD) Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to significant adverse impacts on the area in terms of landscape and visual character.

The AD facility would comprise a reception building, measuring approximately 35 m x 31 m and 13 m high, 5 x digestion tanks measuring approximately 28 m in diameter and 13.5 m in height, gas engines, a bark and wood chip biofilter, silage storage area, a weighbridge and site office / welfare facility. The Wood Drying and Pelleting Facility would comprise of a warehouse type building measuring 40 m x 25 m x 13 m in high.

The site is well screened from nearby visual receptors and Kitsmead Lane, from the north the site is obscured from view by Trump Farm landfill and to the west by Bog Wood and woodland associated with Chertsey Common.

The largest aspects of the development are the reception building and digester / storage tanks, the appearance of which is softened by an agricultural-style design and the use of dark coloured cladding.

Urban environment***Not significant***

The proposed scheme for the construction of Anaerobic Digestion (AD) Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to significant adverse impacts on the surrounding urban area. The proposed scheme is located in a relatively rural area with Virginia Water being the closest residential area (1.7 km north of the site). The closest receptor to the site is at Trumps Farm 250 metres northeast, the commercial properties at Hershams Farm 450 metres southeast and at Chevythorn House 580 metres southwest of the site.

Waste management***Low significance***

The proposed scheme for the construction of Anaerobic Digestion (AD) Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to large volumes of waste or non-inert waste materials.

The proposed scheme produces digestate, which is dewatered at the end of the process, which concentrates the solid fraction into a 20% dry matter cake and dry matter liquor. This liquor can be recycled and reintroduced to the mixing tank if required to reduce the viscosity of the solid wastes in the absence of sufficient liquid wastes.

When the season is correct for recycling to land the digestate is pumped into sealed tankers and then transported to selected fields where specialist spreaders apply the digestate to the land.

Risks to the human population

Noise

Low significance

The proposed scheme for the construction of Anaerobic Digestion (AD) Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to significant noise impacts from the plants construction, operation and associated vehicle movements.

The loading and unloading of vehicles will take place within the reception building. The gas engines are housed in containers with acoustic insulation and silencers are fitted on the ventilation and exhaust systems.

Noise will generally be associated with the vehicles movements to and from the site which will be fitted white noise reversing alarms and will total approximately 8 movement per hour. Due to the close proximity of the development with the M3 Motorway the background noise levels are anticipated to be relatively high and therefore the noise levels associated with the site are not expected to be significant. They will however have to comply with Surrey Guidelines for Noise Control: Minerals & Waste Disposal.

Traffic

Low significance

The proposed scheme for the construction of Anaerobic Digestion (AD) Facility and the Wood Drying and Pelleting Facility was considered unlikely to give rise to significant traffic impacts. The majority of traffic associated with the proposed scheme would result from the transportation of 48,500 tonnes of biodegradable organic waste to the facility per year, which would be delivered daily (excepting Sundays) via 30 loads or 60 movements per day.

The majority of this waste material would be delivered to the site in Refuse Collection Vehicles (RCV'S) collected from households in the local area. There will also be a proportion of commercial waste, from sources such as schools, hospitals and supermarkets. It is predicted that the proposed AD development could result in up to 24 RCV movements, 10 bulker movements, 8 tractor/trailer movements, 18 tankers movements and 4 staff movements per day, resulting in 60 HGV/tractor movements and 4 car / van movements per day

The wood chip operation is predicted to attract around 10 vans or small HGV's (up to 3.5 tonnes) per day resulting in 20 movements. The majority of these are anticipated to arrive in the afternoon, as the vehicles would be progressively filled on site during the day. Once dried the wood chips would be compressed into pellets for subsequent use as fuel. The pellets would be collected from the site in a HGV twice per week, resulting in two movements per day.

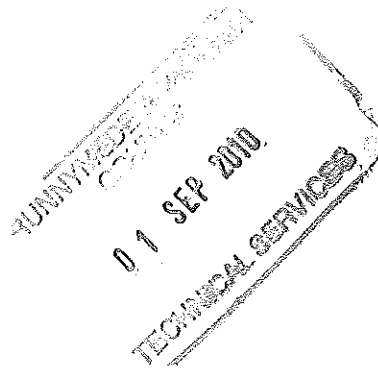
The anticipated levels of traffic associated with the proposed development are unlikely to give rise to significant impacts on the local transport network, and are not considered significant in EIA terms.

Tel: 020-8541-9412
Fax: 020-8541-9399
SCC Ref: 2010/0179
District Ref: RU10/0872
EIA Case: 010 - 055
Email: mwcd@surreycc.gov.uk

Pro. 32.002

SURREY
COUNTY COUNCIL

Bob Etheridge
Head of Planning
Runnymede Borough Council
Civic Offices
Station Road
Addlestone
Surrey KT15 2AH



The Environment Service
County Hall
Kingston upon Thames
Surrey KT1 2DY

30th September 2010

Dear Mr Etheridge,

The Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999

Adoption of a Screening Opinion under Regulation 7

Site: Trumps Farm, Kitsmead Lane, Longcross, Chertsey
Proposal: Proposed application for the construction of an Anaerobic Digestion Facility for the disposal of biodegradable organic waste and the associated generation of 2MW(e)hr per annum of renewable electricity and the construction of a Wood Drying and Pelleting Facility
Applicant: Agrivert Ltd
Grid Ref: Easting 499837 Northing 166185

I enclose two copies of the decision letter giving the adopted opinion of the County Planning Authority in respect of the above site, together with two copies of the screening opinion.

Please ensure that all documentation is held with the associated planning application on the planning register as required by the above Regulations.

Yours sincerely

James Sanders
Environmental Assessment Officer



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10. 8. 11

Tel: 020-8541-9412
Fax: 020-8541-9399
SCC Ref: 2010/0179
District Ref: RU10/0872
EIA Case: 010 - 055
Email: mwcd@surreycc.gov.uk

Pro. 323002

SURREY
COUNTY COUNCIL

Harry Waters
Commercial Director
Agrivert
The Stables
Radford
Chipping Norton
Oxfordshire, OX7 4EB

The Environment Service
County Hall
Kingston upon Thames
Surrey KT1 2DY

COPY

30th September 2010

Dear Mr Waters,

The Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999

Adoption of a Screening Opinion under Regulation 7


SITE: Trumps Farm, Kitsmead Lane, Longcross, Chertsey
PROPOSAL: Proposed application for the construction of an Anaerobic Digestion Facility for the disposal of biodegradable organic waste and the associated generation of 2MW(e)hr per annum of renewable electricity and the construction of a Wood Drying and Pelleting Facility
APPLICANT: Agrivert Ltd

I am writing in connection with the above application for planning permission. In accordance with Regulation 7 of the above Regulations, the County Council has considered the proposed development in the context of Schedule 2, and based on the information submitted, is of the opinion that there are not likely to be any significant impacts on the environment in terms of the meaning of significant in the above Regulations, therefore the proposed development would not be EIA development. I enclose a copy of the Screening Report.

Should you wish to discuss this screening opinion or the screening report further, please contact the Environmental Assessment Officer, James Sanders, on 020 8541 9655. If you have any queries regarding the planning application please contact the Case Officer, Stephen Jenkins on 020 8541 9424.

Two copies of this letter and the Screening Report have been sent to Runnymede Borough Council to be held with the application documents on the planning register as required by the above Regulations.

Yours sincerely

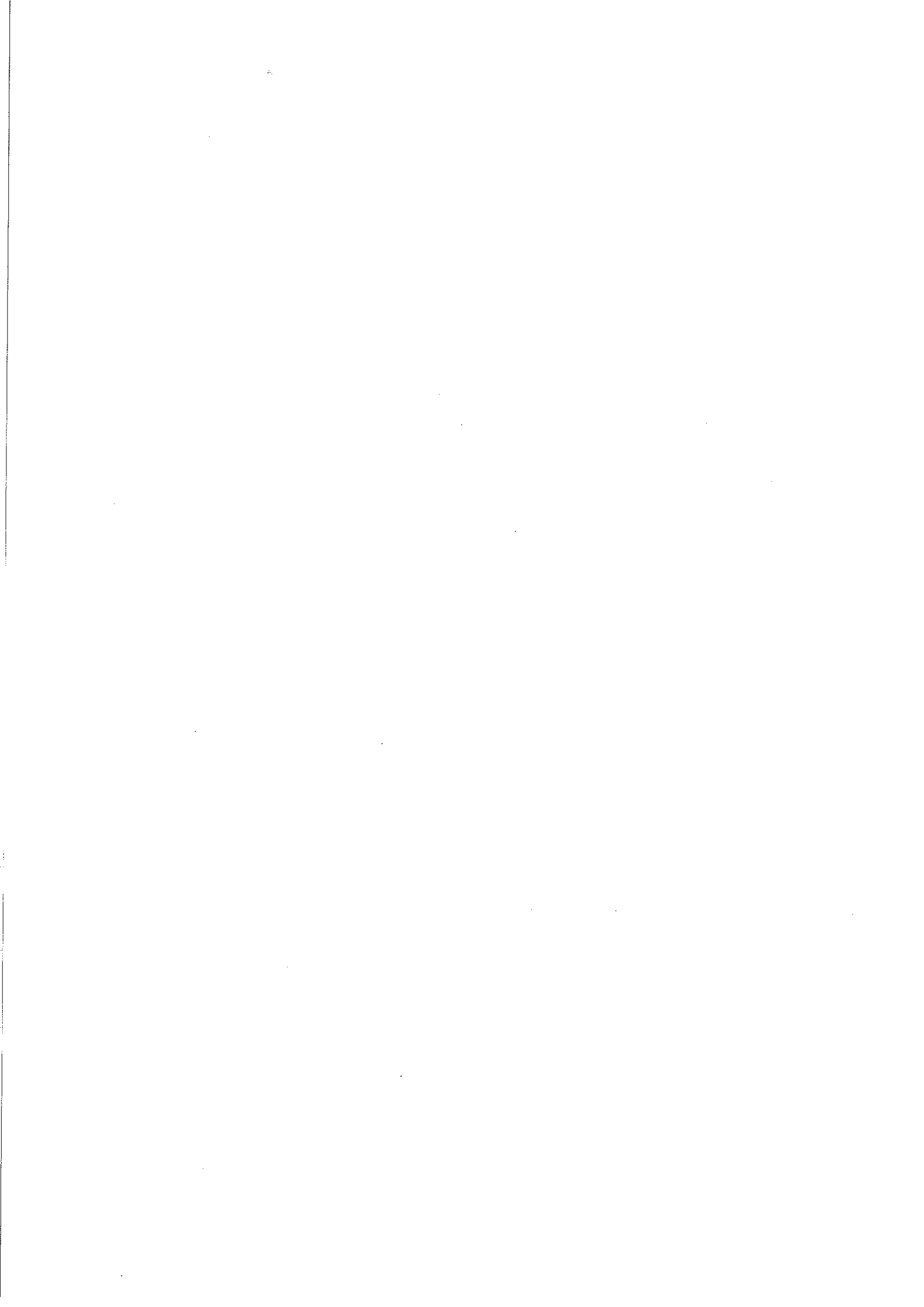


Alan Stones
Planning Development Control Team Manager



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Tel: 020-8541-9412
Fax: 020-8541-9399
SCC Ref: 2010/0179
District Ref: RU10/0872
EIA Case: 010 - 055
Email: mwcd@surreycc.gov.uk

Harry Waters
Commercial Director
Agrivert
The Stables
Radford
Chipping Norton
Oxfordshire, OX7 4EB

COPY

The Environment Service
County Hall
Kingston upon Thames
Surrey KT1 2DY

30th September 2010

Dear Mr Waters,

The Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999

Adoption of a Screening Opinion under Regulation 7

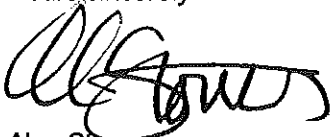
SITE: Trumps Farm, Kitsmead Lane, Longcross, Chertsey
PROPOSAL: Proposed application for the construction of an Anaerobic Digestion Facility for the disposal of biodegradable organic waste and the associated generation of 2MW(e)hr per annum of renewable electricity and the construction of a Wood Drying and Pelleting Facility
APPLICANT: Agrivert Ltd

I am writing in connection with the above application for planning permission. In accordance with Regulation 7 of the above Regulations, the County Council has considered the proposed development in the context of Schedule 2, and based on the information submitted, is of the opinion that there are not likely to be any significant impacts on the environment in terms of the meaning of significant in the above Regulations, therefore the proposed development would not be EIA development. I enclose a copy of the Screening Report.

Should you wish to discuss this screening opinion or the screening report further, please contact the Environmental Assessment Officer, James Sanders, on 020 8541 9655. If you have any queries regarding the planning application please contact the Case Officer, Stephen Jenkins on 020 8541 9424.

Two copies of this letter and the Screening Report have been sent to Runnymede Borough Council to be held with the application documents on the planning register as required by the above Regulations.

Yours, sincerely



Alan Stones
Planning Development Control Team Manager

