

SUPPLEMENTARY INFORMATION NOTE 1: HIGHWAYS

Applicant	Tomlinson's Dairies Limited Pen y Palmant Farm Minera Wrexham LL11 3YR																				
Site Address	Land adjacent to Tomlinson's Dairies, Five Crosses Industrial Estate, Coedpoeth																				
Application Reference	P/2012/0112																				
Description of development	Construction of a building to be used for the bottling and storage of milk in glass bottles and associated service bridge, hardstanding, ground modelling and landscaping																				
Supplementary Information Requested	Details of predicted traffic generation have been requested.																				
Supplementary Information	<u>Current vehicle movements at Pen y Palmant</u> Since 2005, milk output at the existing Pen y Palmant dairy site has increased to around 25 million litres per annum through innovative shift management and production processes. Employment at the site has also increased to 66 staff. Current vehicle movements associated with the existing dairy operation at Pen y Palmant is typically as follows: <table><tr><td>Employees' Cars</td><td>49 per day</td></tr><tr><td>Visitor's Cars</td><td>0 – 6 per day</td></tr><tr><td>Goods Vehicles (raw milk in)</td><td>3 to 4 per day</td></tr><tr><td>Goods Vehicles (plastics and other deliveries in)</td><td>6 to 8 per week</td></tr><tr><td>Goods Vehicles (milk out)</td><td>15 to 20 per day.</td></tr></table> <u>Projected vehicle movements at Five Crosses</u> Vehicle movements for the new dairy and the proposed bottle store, once all liquid milk processing and bottling has been relocated to the Five Crosses site and output of 40 million litres per annum has been achieved, is currently projected as follows: <table><tr><td>Employees' Cars</td><td>64 per day</td></tr><tr><td>Visitor's Cars</td><td>0 – 8 per day</td></tr><tr><td>Goods Vehicles (raw milk in)</td><td>4 to 6 per day</td></tr><tr><td>Goods Vehicles (plastics and other deliveries in)</td><td>7 to 10 per week</td></tr><tr><td>Goods Vehicles (milk out)</td><td>20 to 25 per day.</td></tr></table>	Employees' Cars	49 per day	Visitor's Cars	0 – 6 per day	Goods Vehicles (raw milk in)	3 to 4 per day	Goods Vehicles (plastics and other deliveries in)	6 to 8 per week	Goods Vehicles (milk out)	15 to 20 per day.	Employees' Cars	64 per day	Visitor's Cars	0 – 8 per day	Goods Vehicles (raw milk in)	4 to 6 per day	Goods Vehicles (plastics and other deliveries in)	7 to 10 per week	Goods Vehicles (milk out)	20 to 25 per day.
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The projected number of employee car movements assumes the same ratio to staff numbers as existing (i.e. 75%). No allowance has been made for any reduction in car movements arising from the expected increase in the proportion of staff walking, cycling and car sharing as a consequence of the additional facilities (cycle stands, changing rooms, showers etc) provided at the new Five Crosses Dairy.

It is anticipated that HGVs delivering milk into the site will increase to between 4 and 6 per day. Tanker capacity ranges from 16,000 litres to 26,000 litres and vehicles used depends upon location and volumes to be collected from farms.

Goods vehicles transporting processed milk out from the dairy include vans, 7.5 tonne fixed bodied goods vehicles and articulated HGVs.

The visibility splays at the junction between the Five Crosses Industrial Estate access road and the A525 are adequate. The access road to the dairy site is capable of accommodating the additional traffic that would be generated, particularly given that the majority of movements will not coincide with peak flows on the access road or the immediate highway network.

Projected vehicle movements at Five Crosses directly or indirectly attributable to the proposed glass store development

Of the projected 15 million litres per annum additional processing (i.e. the difference between the current 25 million litres per annum at Pen y Palmant and the projected 40 million litres per annum at Five Crosses), approximately 7 million litres would be directly or indirectly attributable to the proposed glass bottle store (i.e. additional 2 million litres in glass and 5 million litres supplied to supermarkets in plastic).

The projected increase in vehicle movements between the current (at Pen y Palmant) and proposed levels (at Five Crosses) arising as a direct or indirect consequence of the proposed bottle store development can be apportioned as follows:

Employees' Cars	7 per day
Visitor's Cars	0 – 1 per day
Goods Vehicles (raw milk in)	1 per day
Goods Vehicles (plastics and other deliveries in)	1 per week
Goods Vehicles (milk out)	2 - 3 per day.

Furthermore, it should be noted that, the potential reductions in HGV movements arising from the processing of milk in Wales which is currently hauled to and processed in England would only arise if the glass bottling and storage operation is separated from the processing, plastics and cartons and accommodated within the proposed separate building on the site. (refer to paragraphs 5.4.16 to 5.4.24 of Design & Access Statement H0070-06-DAS.

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Do Nothing Scenario

Whilst the continuation of processing and bottling of milk in glass at Pen y Palmant is not a long term option (refer to section 5.2 of the Design & Access Statement H0070-06-DAS), if planning permission for the proposed bottle store development is not forthcoming and the processing and bottling of milk in glass has to continue at Pen y Palmant for the time being, then additional movements of staff and delivery vehicles would inevitably be generated between the two sites.

Haston Reynolds Ltd
March 2012.

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