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An electric current is applied to oxygenated water through a water cell

DAF approves FTR after South West Water trial

AN EVALUATION of DAF's CF86 6 x 2 tag axle FTR tractor by transport company Gregory Environmental, an operating division of Gregory Distribution (GDL), has led to its adoption by DAF as a fully-approved, mainstream model.

Gregory Environmental used the FTR CF86s for over 12 months on bio-solid waste disposal for South West Water in rural Devon and Cornwall.

The local operating conditions of the trial included narrow roads and steep inclines out of treatment plants. The FTR model has a lifting tag axle with single wheels and tyres which is said to give both excellent traction and manoeuvrability.

The FTR is fitted with traction assist that enables a temporary increase in the load that can be imposed on the

drive axle. To engage traction assist the driver activates a switch on the dash which allows the load on the drive axle to be increased from its 11.5 tonne design weight to 15 tonnes. This can be activated at speeds of up to 25 km/hour and switches off once 30 km/hour is reached, when the tag axle automatically lowers. DAF said the system remains active for five minutes

and can be reactivated immediately if required. GDL has now taken delivery of a further 11 vehicles to use on milk collection work, where conditions will include tight access into farm premises and often limited space to manoeuvre; narrow country lanes; steep hills; slippery conditions.

waste collection as well as a cardboard recycling round." www.hellouro.com

www.datrucks.co.uk

IRL completes plastic trial with Stadler machinery

INTERCONTINENTAL RECYCLING (IRL) has completed trials of a plastic sorting technology at its plant in Skelmersdale, Lancashire. The equipment was installed in October 2007 by German manufacturer Stadler. The plant separates post-consumer plastic bottles into the various polymers for further reprocessing.

The initial separation phase of the trials consisted of a feeder and incline conveyor to a small sorting house where

any large contaminants were removed from incoming material. Following this, material was then passed through magnetic and eddy current separators for the recovery of metals before being transferred to the Stadler manufactured STT 2000 twin-deck ballistics separator.

The IRL STT 2000 ballistics separator used gave a three-way split between flat materials (paper/card/film), screened fines and three-dimensional

forming an inclined table on the top deck and a further six paddles on the bottom deck. The paddles are mounted on cranks which move in a circular path relative to each other throwing material upwards and forwards. Depending on the physical properties, material either bounces down the inclined deck (rolling containers) or is carried up the deck (film/paper).

The machine consists of six longitudinal, rigid and perforated screening paddles



The plant separates post-consumer plastic bottles

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