

Date 31st March 2022

Dear Sally,

In response to your Letter / RFI with regard to the process for identifying, sorting and removal of PVC and other "Non-Timber" materials from the raw feed, before it is processed through our Bio Fuel Plant, we offer the following description.

Benedict Recycling acknowledges the DPIE's requirement that PVC contaminants are to be maintained below 1%, and that is the limit we Benedict Recycling are working to achieve. It must also be noted that to date, Benedict Recycling have had no issues or failures with regard to achieving the standards set By Boral and the DPIE on PVC/ Chloride.

As you may not be aware, the source of mixed timber Raw Feed enters the Benedict recycling facilities across the group (Including Chipping Norton), as mixed waste brought to us from a wide range of customers. Benedict have trained waste inspectors that inspect all incoming mixed waste loads and once our waste inspectors have completed their inspection, the trained plant operators move in to start the mechanical sorting process. These operators are trained to target and recover selected materials including Ferrous and Non-Ferrous Steel, Concrete/Brick and other crushable waste, Soil is mechanically screened, and then only acceptable mixed timber is targeted as a recovery stream. **All other non-recoverable waste is stockpiled separately where it is eventually loaded into a B Double Vehicle and is then sent to a fully licenced facility.**

The Mixed Timber stock is then visually inspected on site to ensure the material is clean and devoid of non-timber inclusions, such as Plastic/PVC and waste, before it is loaded into a truck to be sent to our Biofuel Facility located at Chipping Norton. Upon arrival at the facility at Chipping Norton, the mixed timber is directed and tipped in one of two locations, where our trained waste inspector and Supervisor carefully assess the quality of the material, checking for traces of waste such as plastic and other non-acceptable inclusions amongst other things. Once this process occurs, loads that are deemed to be clean and are accepted by Chipping Norton, the clean material is then moved into a holding bay. Mixed Timber Loads that are not up to standard are re- sorted to capture and discard unwanted waste such as PVC materials, before transferring to the Pre-Shred Bay.

The Approved Raw Feed is moved to the Pre-Shredding area where the trained Plant operator conducts one more visual inspection, prior to pre-Shredding the mixed timber to minus 200mm in size. This process also includes a magnet for the removal of steel inclusions. Pre-Shredded feed is then loaded into the feed hopper of the Biofuel Plant, passes through another Magnet before going into the first trommel screen. The First Trommel Screen removes the finer fraction, from the material and is then conveyed to a picking Station (4 pickers), these pickers are trained to target and remove all non-acceptable material's, thereby removing any smaller fractions of waste such as PVC, Non-Ferrous or Ferrous steel etc, before the material is processed through a secondary shredder where it is sized to minus 50MM. The finely shredded material then passes through a second trommel screen to capture the correctly sized timber fuel, the over size from trommel two is diverted to a small bi pass

shredder and then diverted back to Trommel 2, where it is screened to minus 25mm. All finished product (WWDF) is visually inspected before being removed from the load out bunker and placed in the daily stockpile of finished goods.

The trained Lab / Quality team sample our WWDF (Waste Wood Derived Fuel) material in accordance with the Boral Specification, only product that is confirmed with a positive result is then assigned a batch number. If the test result advises that there has been any type of failure after testing a specific batch, the operations team are notified and the stock is removed and placed in a holding bay where it is further inspected, a decision will then be made if it should be retested, reworked, or disposed of, depending on what element failed in the original test etc.

Kind Regards,

Mick Williams



General Manger - Recycling