



Purchase Order : 125723

COAL PRODUCTS LTD  
 WESTERN ACCESS ROAD  
 IMMINGHAM  
 DN40 2QR

W340

COAL PRODUCTS LTD

PROCESS WATER EFFLUENT

Please quote above code for all enquiries

### PROCESS WATER EFFLUENT (Imperial Units)

Sample Reference : HTC PROCESS WATER

Sample Matrix : PROCESS WATER EFFLUENT

The sample submitted was of adequate size to complete all analysis requested.

The sample will be kept under refrigeration for at least 3 weeks.

| Laboratory References |        |
|-----------------------|--------|
| Report Number         | 25498  |
| Sample Number         | 100140 |

|               |             |
|---------------|-------------|
| Date Received | 05-OCT-2020 |
| Date Reported | 12-OCT-2020 |

#### ANALYTICAL RESULTS *on 'as received' basis.*

| Determinand          | Units | Value | Amount per fresh ton | Amount per fresh 1000 gallons |
|----------------------|-------|-------|----------------------|-------------------------------|
| Kjeldahl Nitrogen    | % w/w | 0.090 | 1.80 Units N         | 8.18 Units N                  |
| Ammonium Nitrogen    | mg/kg | 633   | 1.27 Units NH4-N     | 5.76 Units NH4-N              |
| Total Phosphorus (P) | % w/w | 0.005 | 0.23 Units P2O5      | 1.04 Units P2O5               |
| Total Copper (Cu)    | mg/kg | 0.210 | < 0.01 kg Cu         | < 0.01 kg Cu                  |
| Total Zinc (Zn)      | mg/kg | 21.6  | 0.02 kg Zn           | 0.10 kg Zn                    |
| Nitrate Nitrogen     | mg/kg | <10   |                      |                               |
| Total Lead (Pb)      | mg/kg | <0.5  |                      |                               |
| Total Cadmium (Cd)   | mg/kg | <0.01 |                      |                               |
| Total Mercury (Hg)   | mg/kg | <0.05 |                      |                               |
| Total Nickel (Ni)    | mg/kg | <0.2  |                      |                               |
| Total Chromium (Cr)  | mg/kg | <0.2  |                      |                               |

Released by Gina Graham

Date 12/10/20



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#### ANALYTICAL RESULTS *on 'as received' basis.*

| Determinand        | Units | Value |
|--------------------|-------|-------|
| Total Aluminium    | mg/kg | 11.8  |
| Total Arsenic (As) | mg/kg | <0.5  |
| B.O.D. [fresh]     | mg/l  | 5790  |
| C.O.D. [fresh]     | mg/l  | 13550 |
| EC [Neat]          | uS/cm | 7597  |

The nutrients in slurry are only partially available for plant growth and may or may not be useful. This depends on the time of application but also on the type and form of slurry. More detailed information can be obtained from DEFRA RB209.

Released by *Gina Graham*

Date *12/10/20*