

Angus Energy Weald Basin No 3 Limited
Brockham Oilfield
Feltons Farm
Old School Lane
Brockham
Betchford
RH3 7AU

27th May 2021

Dear Mick Wells

Authorisation to Dispose of NORM Contaminated Equipment & Waste

Further to your enquiry regarding the acceptance of Naturally Occurring Radioactive Material (NORM) contaminated items for Repacking, cleaning and descaling, I am pleased to confirm NORM Solutions Limited can in principle accept the aforementioned materials and NORM solids and liquids from activities associated from Angus Energy Weald Basin No 3 Limited - Brockham Oilfield .

Acceptance and the management of the NORM contaminated materials will be subject to and controlled by our Scottish Environmental Protection Agency (SEPA) EASR Permit numbered EAS/P/1176837

We do not envisage the requirement for pre-treatment of equipment but will require detailed information relating to equipment construction together with packaging and radiological/chemical analysis.

I enclose details of our packaging requirements for your information.

For further technical information or to discuss any commercial terms please contact either myself XXXXXXXXXXXXXXXXXXXX or Chris Lloyd XXXXXXXXXXXXXXXXXXXX on XXXXX XXXXXX.

Yours sincerely,

XXXXXXXXXX

John Davidson
Operations Manager

T XXXX XXXXXX | M XXXXX XXXXXX



NORM Solutions Limited
Greenwell Road
East Tullos
Aberdeen AB12 3AX
t: 01224 470779
f: 01224 878663
e: info@normsolutions.co.uk
w: normsolutions.co.uk

Packaging Requirements:

All equipment consignments will be required to have all relevant paperwork prior to receipt onto the facility. It would be beneficial if a copy of the paperwork was forwarded to the facility in advance to allow the facility management to ensure the equipment is dealt with in the correct and timely manner.

2 7/8" R2 Tubular to 7" R2 Tubular and 3 1/2" R3 Tubular to 7" R3 Tubular

NORM Solutions would require all tubular stated above to have suitable end caps secured in place at both the box and pin end. Where there is the possibility of external contamination, they should be double wrapped full length in a heavy-duty plastic. Where possible externally contaminated tubulars should be containerised (basket) to prevent any contamination to the transportation. NORM Solutions will accept slung tubulars or stacked tubulars.

Completion Assemblies

Norm Solutions would expect all reuse completion assemblies to be containerised (basket) double wrapped in heavy duty plastic where there is a potential of external contamination.

Cooler Plate packs

It is envisaged that the cooler plate packs will arrive in their cradles for dismantling at the NORM Solution facility crated or protected in some other manner decided by Angus Energy Brockham Oilfield, and stabilised within an ISO container. Individual Plates would require to be double wrapped in a heavy-duty plastic, crated and secured within a container.

Production Equipment

NORM Solutions would expect where possible all equipment will be transported within containers. Where equipment has been deemed reuse by Angus Energy Brockham Oilfield, where possible all equipment will be palletised, and all external orifices taped to save the integrity of the equipment and the possible release of scale. Large open topped containers will be utilised for a lot of scrap pipework, spool pieces etc. all open faces of all the equipment must be bagged and wrapped with heavy duty plastic to ensure containment.

Christmas Trees

Where there is a potential of external contamination NORM Solutions would request Angus Energy Brockham Oilfield, all protective wrappings prior to removal from quayside as the cranes can damage the coverings. Advanced notice would be required for receipt of trees as NORM Solutions would require hiring in a crane and preparing a lifting plan.

Transportation, Containers and Slings

No transportation will leave the NORM Solution facility without a clearance certificate from a registered Radiological Protection Supervisor who will issue the driver with a clearance certificate. All containers will be cleaned out and monitored by a registered Radiological Protection Supervisor and issued a clearance certificate and remove the pendants.