**ALLUVIUM**
**NEW OBSERVATION PLATFORM**

*Description*

- Plan A
- Plan B
- Notes
- Application Boundary

*Notes*

- 390 METRES MUDSTONES
- SALT 50mm on Original
- 2 PORT SINGLE DIFFUSER IN THE IRISH SEA. W7-
- BRINE PIPELINE CROSSES FYLDE PENINSULA, W7-
- THE SEA WALL AND RUNS 2.3KM OFFSHORE TO A PARKING ARENA. PUMPING STATION (CONTAINING PUMPS), STANDBY GENERATOR, SWITCHGEAR AND STATION. COMPOUND INCLUDES SEAWATER TRANSFORMER, ACCESS ROAD AND CAR PARKING AREA.
- W1 - SEAWATER FROM FLEETWOOD FISH DOCK W1 - SEAWATER FROM FLEETWOOD FISH DOCK W1 - SEAWATER FROM FLEETWOOD FISH DOCK
- W2 - SEAWATER PUMPED THROUGH PIPES AT W2 - SEAWATER PUMPED THROUGH PIPES AT W2 - SEAWATER PUMPED THROUGH PIPES AT
- W3 - SEAWATER TRANSMITTED TO BOOSTER PUMP STATION WHERE PRESSURE IS INCREASED VIA COMPRESSOR COMPROMUND VIA AN ELECTRICAL COMPRESSOR STATION WITH THE STANAH SUB STATION TO THE NATIONAL TRANSMISSION SYSTEM. TO THE NATIONAL TRANSMISSION SYSTEM
- W4 - AT THE 7 WELLHEADS, SEAWATER PUMPED VIA CEMENT CASED BOREHOLES UNDERGROUND TO DISPOSE OF TO AN EXISTING CAVERN AND DISPOSE OF TO AN EXISTING CAVERN AND DISPOSE OF TO AN EXISTING CAVERN AND
- W5 - BRINE FROM WASHING PROCESS RETURNED TO DISCHARGE. TO DE-BRINE FACILITY WHICH INCLUDES A RESERVOIR TANK USED TO VENT DISSOLVED GASES AND COLLECT SEDIMENT. SEDIMENT TO DISCHARGE.
- W6 - UP TO 80 MEGA-LITRES A DAY OF BRINE TO DISSOLVE SALT AND CREATE 19 CAVERNS IN AREAS FOR CAVERN DEVELOPMENT (SEE VACANT HIGHER LICKOW FARM REFURBISHED USE. FOR EMERGENCY AND ROUTINE MAINTENANCE BUILDINGS CONTAINING ELECTRICAL AND DEHYDRATION UNITS, AIR COOLED HEAT EXCHANGERS, FILTERS, SEPARATORS, STORAGE TANKS AND UTILITY SYSTEMS, ADDITIONAL BOREHOLE AND ELECTRICAL CABLES LAID UNDERGROUND TO PROVIDE OFFICE ACCOMMODATION. ANOTHER ADJACENT BARN DEMOLISHED. VACANT HIGHER LICKOW FARM REFURBISHED TO PROVIDE OFFICE ACCOMMODATION. ANOTHER ADJACENT BARN DEMOLISHED.
- W7 - BRINE MONITORED AT DE-BRINE FACILITY PRIOR TO DISCHARGE.
- W8 - BENEATH THE RIVER WYRE.
- W9 - GAS STORED UNDERGROUND IN CAVERNS IN AREAS FOR CAVERN DEVELOPMENT.  IN AREAS FOR CAVERN DEVELOPMENT. IN AREAS FOR CAVERN DEVELOPMENT.
- W10 - INTERCONNECTOR METERING STATION TO NATEBY, APPROXIMATELY 12 KILOMETRES TO THE NATIONAL TRANSMISSION SYSTEM NEAR THE NATIONAL TRANSMISSION SYSTEM NEAR
- W11 - THE NATIONAL TRANSMISSION SYSTEM NEAR

*Diagram*

- Process Diagram
- Cavern Creation Process Diagram
- Diagram No. 1.9 - WX40004 - 01

*Project Details*

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*Environmental Statement*

- Underlying Geological Setting
- Cavern Site Selection
- Cavern Creation Process Diagram
- Cavern Sealing Process Diagram
- Cavern Longevity Process Diagram
- Cavern Monitoring Process Diagram

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*Issue*

- 1:25,000

*Process Diagram*

- Preesall Underground Gas Storage Facility

*Figure No.*

- WX40004-UE31D-01-PROCESS-DIAGRAM.DWG

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*Issue*

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