



HyBont Green Hydrogen Project

Noise Survey Note on Progress

November 2022

Marubeni
Europower

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EASY

Note on Progress

- The baseline noise assessment work has involved the following:
- Our methodology has been sent to Bridgend County Borough Council Environmental Health Officer.
 - A reply was received recommending an additional measurement location and the additional location added.
 - EHO agreement received to the updated methodology.
- A week long noise survey was completed 4th Oct 2022 – see over for survey locations and results.
- The data from the noise survey has been processed and analysed.
- The noise levels captured will be used in our BS4142 assessment and the design assumptions are being worked through for presentation at application stage in ongoing liaison with the EHO.

Sound Level Meter Locations (short and long term)



Sound Level Meter Survey Results

Location	LEAQ Day	L90 day	LAEQ Day Range	LEAQ Night	L90 Night	LAEQ Night Range
LT1	71.2	52.8	61-79	64.8	39.7	50-73
LT2	49.5	42.2	36-67	44.6	38.1	35-64
LT3	47.4	42.4	31-60	42.4	37.4	29-52
LT4	47.5	42.5	33-60	42.7	36.7	31-63
ST1	47.6	45.5	47-48	N/A	N/A	N/A
ST2	57.5	42.5	42-62	N/A	N/A	N/A
ST3	50.7	39.5	46-62	N/A	N/A	N/A
ST4	52.8	39	49-57	N/A	N/A	N/A

