

The Drax Power (Generating Stations) Order

Land at, and in the vicinity of, Drax Power Station, near Selby, North Yorkshire

Environmental Statement

Appendix 7.1 – Drax Noise Survey Monitoring Form



The Planning Act 2008
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

Drax Power Limited

Drax Repower Project

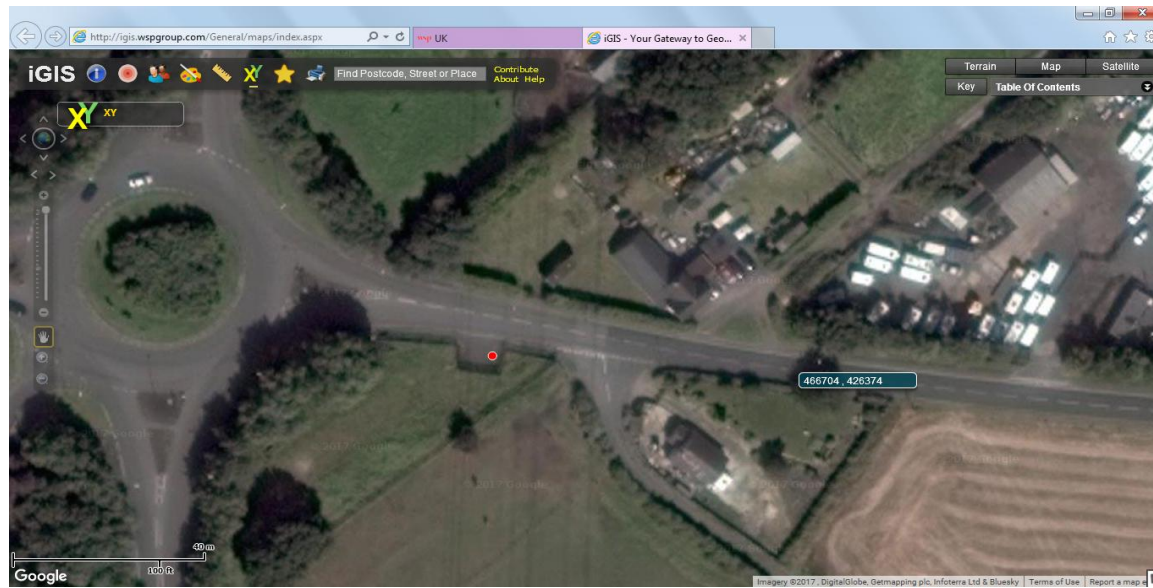
Applicant: DRAX POWER LIMITED
Date: May 2018
Document Ref: 6.2.7.1
PINS Ref: EN010091

Noise Monitoring Form



Project:	Drax Re-powering	Job Number:	70037047
Equipment:	Cirrus Research Plc Optimus CR:171B	Engineer:	Ben Reed
Pre-Calibration Level:	94.0	General Weather Description:	Overcast, dry
Post-Calibration Level:	94.0	Location:	STML 1 Station Cottage 466643, 426377

Measurement Period		Weather			Statistical Noise Levels / dB			Description of Audible Noise
Date/Time	Elapsed Minutes	Wind Speed (m/s)	Wind Direction (from)	Temperature (°C)	L _{Aeq}	L _{Amax}	L _{A90}	
14/09/2017 10:46	00:15:28	<1m/s	S	20	64.4	78	50	Low wind speed, distant road traffic, occasional birds, distant Drax operation noise.
14/09/2017 13:00	00:15:02	<1m/s	S	20	60.9	76.1	48.8	
14/09/2017 15:15	00:15:15	<1m/s	S	20	63.3	76.2	51.8	
14/09/2017 17:29	00:15:03	<1m/s	S	20	66.2	85.9	55.5	
15/09/2017 00:31	00:17:18	<1m/s	S	15	49.1	64.7	42.4	
15/09/2017 01:36	00:18:57	<1m/s	S	15	49.6	73.5	42.6	

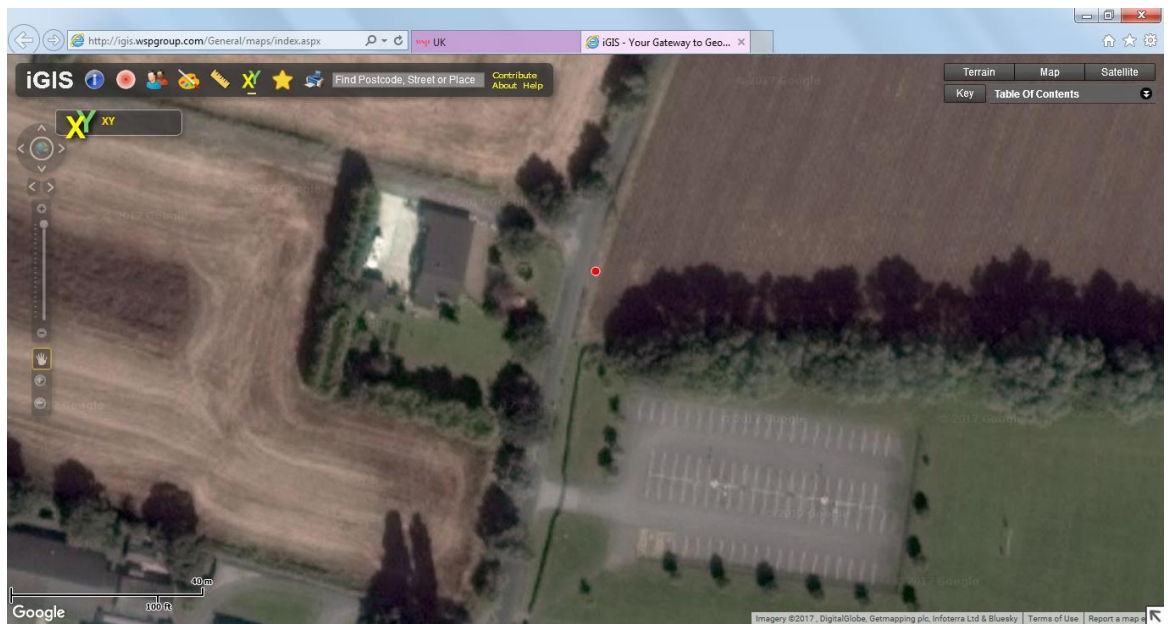


Noise Monitoring Form



Project:	Drax Re-powering	Job Number:	70037047
Equipment:	Cirrus Research Plc Optimus CR:171B	Engineer:	Ben Reed
Pre-Calibration Level:	94.0	General Weather Description:	Overcast, dry
Post-Calibration Level:	94.0	Location:	STML 2 Briden Bungalow 467794, 426859

Measurement Period		Weather			Statistical Noise Levels / dB			Description of Audible Noise
Date/Time	Elapsed Minutes	Wind Speed (m/s)	Wind Direction (from)	Temperature (°C)	L _{Aeq}	L _{Amax}	L _{A90}	
14/09/2017 10:04	00:15:00	<1m/s	S	20	52.8	85.7	45.2	Low wind speed, distant road traffic, occasional birds, distant Drax operation noise.
14/09/2017 12:19	00:15:01	<1m/s	S	20	53	74.4	41.7	
14/09/2017 14:34	00:15:06	<1m/s	S	20	42.9	50.3	40.2	
14/09/2017 16:48	00:16:43	<1m/s	S	20	59.9	79.7	44.2	
14/09/2017 23:47	00:18:34	<1m/s	S	15	46.3	41.4	53.3	
15/09/2017 00:53	00:16:41	<1m/s	S	15	44.6	50.6	37.2	



Noise Monitoring Form



Project:	Drax Re-powering	Job Number:	70037047
Equipment:	Cirrus Research Plc Optimus CR:171B	Engineer:	Ben Reed
Pre-Calibration Level:	94.0	General Weather Description:	Overcast, dry
Post-Calibration Level:	94.0	Location:	STML 3 Willow Low Drain 468414, 426156

Measurement Period		Weather			Statistical Noise Levels / dB			Description of Audible Noise
Date/Time	Elapsed Minutes	Wind Speed (m/s)	Wind Direction (from)	Temperature (°C)	L _{Aeq}	L _{Amax}	L _{A90}	
14/09/2017 10:24	00:15:00	<1m/s	S	20	61.9	67	47.2	Low wind speed, distant road traffic, occasional birds, distant Drax operation noise.
14/09/2017 12:39	00:15:01	<1m/s	S	20	48.1	69	39.7	
14/09/2017 14:53	00:15:42	<1m/s	S	20	51.2	69.6	39.6	
14/09/2017 17:09	00:15:06	<1m/s	S	20	52.5	71.7	42.2	
15/09/2017 00:11	00:15:03	<1m/s	S	15	42.3	55.2	34.6	
15/09/2017 01:14	00:16:27	<1m/s	S	15	38.3	49.7	35.2	

