

# Noise Monitoring Technical Note

<b>To</b>	NMSG Members	<b>From</b>	Daniel Ellis, URS
		<b>Date</b>	02/05/2013
<b>Subject</b>	Plymouth EfW CHP facility: A summary of noise measurements to date (01/05/2013)		

**Table 1 Construction Noise Levels: Initial 30 Minute Readings**

Location	Date	Estimated LAeq 10hr dB (facade)	Maximum Permitted Noise Level (LAeq 10hr dB)	Difference
				(dB)
Talbot Gardens (R15)	21/08/2012	64	70	-6
	22/08/2012	67	70	-3
	29/08/2012	64	70	-6
	30/08/2012	62	70	-8
	05/09/2012	64	70	-6
	21/09/2012	65	70	-5
	28/09/2012	60	70	-10
	10/10/2012	69	70	-1
	24/10/2012	62	70	-8
	08/11/2012	64	70	-6
	28/11/2012	68	70	-2
	12/12/2012	65	70	-5
	03/01/2013	58	70	-12
	09/01/2013	58	70	-12
	16/01/2013	66	70	-4
	24/01/2013	66	70	-4
	30/01/2013	63	70	-7
	06/02/2013	61	70	-9
	20/02/2013	61	70	-9
	06/03/2013	63	70	-7
	20/03/2013	61	70	-9
	03/04/2013	58	70	-12
	18/04/2013	60	70	-10
24/04/2013	59	70	-11	
01/05/2013	60	70	-10	
Savage Road (R3)	13/08/2012	64	65	-1
	14/08/2012	61	65	-4
	21/08/2012	63	66	-3
	22/08/2012	61	66	-5
	29/08/2012	64	66	-2
	30/08/2012	66	66	0
	05/09/2012	64	66	-2
	14/09/2012	62	66	-4
	14/09/2012	64	66	-2
	21/09/2012	64	66	-2
	28/09/2012	67	66	1
	03/10/2012	64	66	-2
	10/10/2012	69	66	3
24/10/2012	66	66	0	

Location	Date	Estimated LAeq 10hr dB (facade)	Maximum Permitted Noise Level (LAeq 10hr dB)	Difference
				(dB)
	08/11/2012	68	66	2
	28/11/2012	71	66	5
	12/12/2012	65	66	-1
	03/01/2013	60	66	-6
	09/01/2013	65	66	-1
	16/01/2013	62	66	-4
	16/01/2013	64	66	-2
	24/01/2013	66	66	0
	30/01/2013	63	66	-3
	06/02/2013	59	66	-7
	20/02/2013	63	66	-3
	06/03/2013	63	66	-3
	20/03/2013	62	66	-4
	03/04/2013	61	66	5
	18/04/2013	62	66	-4
	24/04/2013	63	66	-3
	01/05/2013	63	66	-3
	HamoazeAve (R22)	14/08/2012	49	57
21/08/2012		48	57	-9
22/08/2012		51	57	-6
29/08/2012		54	57	-3
30/08/2012		48	57	-9
05/09/2012		49	57	-8
21/09/2012		46	57	-11
24/10/2012		47	57	-10
09/11/2012		50	57	-7
28/11/2012		50	57	-7
12/12/2012		50	57	-7
03/01/2013		52	57	-5
09/01/2013		49	57	-8
16/01/2013		51	57	-6
24/01/2013		48	57	-9
30/01/2013		52	57	-5
06/02/2013		51	57	-6
20/02/2013		49	57	-8
06/03/2013		48	57	-9
20/03/2013		48	57	-9
03/04/2013	48	57	-9	
18/04/2013	47	57	-10	
24/04/2013	49	57	-8	
01/05/2013	48	57	-9	
Cardinal Ave	09/11/2012	60	-	-
	24/10/2012	59	-	-
	05/09/2012	57	-	-
	30/08/2012	58	-	-
	09/11/2012	60	-	-
	12/12/2012	62	-	-
	03/01/2013	56	-	-
	09/01/2013	63	-	-

Location	Date	Estimated LAeq 10hr dB (facade)	Maximum Permitted Noise Level (LAeq 10hr dB)	Difference
				(dB)
	16/01/2013	60	-	-
	24/01/2013	62	-	-
	20/02/2013	57	-	-
	06/03/2013	57	-	-
	20/03/2013	54	-	-
	03/04/2013	55	-	-
	24/04/2013	58	-	-
	01/05/2013	59	-	-
Talbot Gardens (R17)	13/08/2012	67	70	-3
	14/08/2012	67	70	-3
	22/08/2012	64	70	-6
Wolseley Road (R20)	14/08/2012	50	60	-10
	21/08/2012	57	60	-3
	22/08/2012	57	60	-3
	29/08/2012	55	60	-5
	30/08/2012	56	60	-4
	05/09/2012	56	60	-4
	21/09/2012	56	60	-4

**Table 2 Construction Noise Levels: Two Hour Readings**

Location	Date	LAeq, 30min (dB)	LAeq, 2hrs (dB)	Maximum Permitted Noise Level (LAeq 10hr dB)	Breach
Savage Road (R3)	28/09/2012	67	69	66	✓
Savage Road (R3)	10/10/2012	69	71	66	✓
Savage Road (R3)	08/11/2012	68	66	66	×
Savage Road (R3)	28/11/2012	71	67	66	✓