



## Meeting Notes (Final)

### Noise Liaison Group Meeting No. 22

02 May 2013, 10:00 to 11:30

Venue: FRC Project Office, Rosyth



#### Attendees:

David Climie	FRC Employer's Delivery Team (EDT) (Chair)
Steven Brown	FRC Employer's Delivery Team (EDT)
Andrew Mackay	FRC Employer's Delivery Team (EDT)
Martin Butterfield	FRC Employer's Delivery Team (EDT)
Andy Butler	FRC Employer's Delivery Team (EDT)
Dermot Connolly	City of Edinburgh Council (CEC)
David Redden	Fife Council (FC)
Tracy Wyllie	Fife Council (FC)
Colin Goodsir	Forth Crossing Bridge Constructors (FCBC)
Neil Abraham	Forth Crossing Bridge Constructors (FCBC)
Martin Wilson	Forth Crossing Bridge Constructors (FCBC)

#### Apologies for Absence:

Richard Greer	FRC Employer's Delivery Team (EDT)
David Brewster	West Lothian Council (WLC)
Brian Carmichael	West Lothian Council (WLC)
Niall Corbet	Scottish Natural Heritage (SNH)
Carolyn Clark	Scottish Natural Heritage (SNH)
Colin Megginson	Marine Scotland (MS)
Mike Bland	Marine Scotland (MS)
Thomas Nilsson	Forth Crossing Bridge Constructors (FCBC)

Item	Subject	Description	Action
1	Introductions and Apologies	EDT welcomed all parties to the meeting. Apologies were received from those parties listed above.	
2	Safety Procedures	All present were advised regarding safety and evacuation procedures.	
3	Minutes and Actions from Previous Meeting	The minutes of Meeting No. 21 held on 4 April 2013 were agreed with the addition of 'NVMP' to the wording of Note 4(b) (i)  Actions from the previous meeting are as noted in items 4(a) and 4(b) below.	
4(a)	M9 Junction 1A	<u>Actions from Previous Meeting No. 21</u>	
	(i)	EDT have issued a response in reply to the CEEQUAL question raised by SRB in relation to noise and vibration monitoring.	
	(ii)	EDT confirmed that a reply had been sent to SRB regarding their proposals for post construction monitoring and await a response.	Note
4(b)	Principal Contract	<u>Actions from Previous Meeting No.21</u>	
	(i)	EDT confirmed that comments on the revised NVMP had been	

		received and was under review. FCBC were asked to copy NVMP to members of NLG.	EDT / FCBC
	(ii)	EDT have received the underwater noise report covering November – December 2012 which included the Underwater Noise Report for the jet grouting works at the North Tower. Comments have been returned to FCBC. In particular the EDT noted that monitoring reports should take account of the permanent hydrophones.	FCBC
	(iii)	EDT are currently reviewing the correlation of data between observed seal behaviour and underwater noise recordings received from FCBC. EDT will forward to SNH for comment.	EDT
		<u>Noise and Vibration Management Plan</u>	
	(iv)	The revised NVMP will be issued before Friday 3 May.	FCBC
		<u>Plans for Control of Noise and Vibration</u>	
	(v)	FCBC advised that the following PCNV's had been approved in the period: <ul style="list-style-type: none"> <li>• 00021 Rev 04 – South Earthworks</li> <li>• 00011 Rev 5 – Land Based Piers</li> </ul>	
	(vi)	FCBC advised that the following PCNVs had been submitted in the period: <ul style="list-style-type: none"> <li>• 00020 Rev 12 – Marine Works</li> <li>• 00027 Rev 04 – Batching Plant and Port Piling.</li> </ul> EDT is currently reviewing the PCNVs.	EDT
	(vii)	FCBC advised that the following PCNV revisions would be submitted to the Employer for review in due course: <ul style="list-style-type: none"> <li>• 00022 Rev 00 – Marine Structure Works</li> <li>• 00010 Rev 04 – North Works</li> </ul>	FCBC
	(viii)	PCNV00020 – FCBC advised that the marine causeway would not be extended to pier S4 and will now terminate at pier S5. PCNV has been revised to cover concrete works at S4 which will now be a land based pour. The pour is anticipated to mobilise at 05.30 on 20 May and will continue until 00.00 at the latest. It is anticipated that around 140 concrete wagon movements will be required through Echline Field. Attended noise monitoring will be undertaken during the works and the concrete washout area has been moved away from sensitive areas following experience gained during the south abutment pour. It was noted that the pour is underwater concrete and so there will be no compaction using vibrating equipment. Adjacent residents will be notified regarding the works.	FCBC
	(ix)	PCNV00027 – EDT provided initial comments on PCNV00027. EDT advised that FCBC would need an Appendix R submission for the piling works at the marine yard quay as this was not covered by their conceptual design. EDT also advised that due to the proximity to the works to the SPA, FCBC would have to consult with SNH regarding the need for any work relating to an Appropriate Assessment. EDT also noted that there was no assessment of potential underwater noise impacts. EDT stressed the urgency of FCBC progressing these aspects due to their desired programme for commencing the works.	FCBC
		<u>Monitoring</u>	
	(x)	FCBC advised that there had been some construction noise related exceedances of maximum noise level thresholds at Linn Mill and	

		<p>Springfield in the period.</p> <p>FCBC advised that 1 night-time and 1 evening exceedance of the maximum noise level threshold had been recorded at Linn Mill during the south abutment pour due to plant movements close to the monitor.</p> <p>FCBC advised that 1 daytime exceedance of the maximum noise level threshold recorded Springfield resulted from plant passing close to the monitor.</p>	
	(xi)	FCBC advised that the North Tower air lift operation would be starting 2 May 2013. Attended monitoring would be undertaken at the start of the operation.	Note
	(xii)	FCBC advised that attended monitoring had been undertaken at Linn Mill on 26 April. At the receptor closest to the access track an $L_{Aeq}$ of 50.5 noise level was recorded which is below threshold values.	
		<u>Community Engagement</u>	
	(xiii)	FCBC advised that two complaints had been received in relation to noise and vibration in April 2013.	
	(xiv)	FCBC advised that correspondence had been received from a resident in Springfield regarding noise and vibration experienced over the last six months. FCBC had visited the resident and installed a temporary vibration monitor. FCBC advised that the resident seemed content with the action they had taken and no further action was proposed at this time. FCBC advised that they had asked the resident to contact them should they perceive any further issues.	Note
	(xv)	FCBC advised that as discussed at the last NLG meeting a complaint had been received from a resident at Linn Mill regarding notification of the works. They had investigated the matter and confirmed having followed the correct procedures. NLG noted that they should continue to ensure for future works that the notifications were issued.	
	(xvi)	It was noted that Scottish Water would be carrying out connections to the diverted pipe on the B800 overbridge on the night of 2 May 2013.	Note
		<u>Forward Programme</u>	
	(xvii)	FCBC noted that delivery of the south viaduct units will be commencing in June. These will be night time deliveries by road. Off-loading of the units will only be undertaken during normal working hours. Further discussions will be undertaken at the next NLG. FCBC were asked to ensure that the Method Statement for the operation included measures for noise reduction and the EDT also noted that the deliveries would have to be discussed at the Traffic Management Working Group.	FCBC
5	Next Meeting	The next meeting (No. 23) will be held on 6 June 2013, 10am at the Ferrytoll site office.	
6	Any Other Business	None	