



## Meeting Notes



### Noise Liaison Group Meeting No.30

09 January 2014, 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)
Brian Carmichael	West Lothian Council (WLC)
David Redden	Fife Council (FC)
Tracy Wyllie	Fife Council (FC)
Colin Goodsir	Forth Crossing Bridge Constructors (FCBC)
Martin Wilson	Forth Crossing Bridge Constructors (FCBC)
Andy O'Kane	Forth Crossing Bridge Constructors (FCBC)

#### Apologies for Absence:

Richard Greer	FRC Employer's Delivery Team (EDT)
Andy Officer	FRC Employer's Delivery Team (EDT)
Mike Bland	Marine Scotland (MS)
David Brewster	West Lothian Council (WLC)
Niall Corbet	Scottish Natural Heritage (SNH)
Carolyn Clark	Scottish Natural Heritage (SNH)
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. 29 held on 05 December were agreed with the following amendment:  (x) Proposed noise monitoring listed was for December and not November as noted.  Actions from the previous meeting are as noted below.	
4	Principal Contract	<b><u>Actions from Previous Meeting No. 29</u></b>	
	(i)	EDT confirmed it had reviewed FCBC's report on vibration at Scotstoun.	
	(ii)	Other actions were discussed under the separate agenda items below.	

		<b><u>Plans for Control of Noise and Vibration</u></b>	
	(iii)	<p>FCBC advised that the following PCNVs had been submitted in the period:</p> <ul style="list-style-type: none"> <li>• 0010 Mod 12 – North Works – Construction of Slip Road</li> <li>• 0027 Rev 05 - Batching Plant and Marine Yard</li> </ul> <p>The operation of the Batching Plant and Marine Yard outside of normal working hours to support the marine works was discussed but no concerns were raised by the NLG who noted the port area is already industrial and operates during such hours.</p>	
	(iv)	<p>FCBC advised that the following PCNV revisions would be submitted to the Employer for review in due course:</p> <ul style="list-style-type: none"> <li>• 0021 Mod 17 – Installation of Utility Crossings</li> <li>• 0008 Rev 06 – Network Structures South</li> </ul> <p>0020 Rev 15 – Completion of Tower and Foundation Works</p>	FCBC
	(v)	<p>EDT referred to the draft neighbourhood notification letter<sub>1</sub> for the temporary northbound merge slip road construction at Ferrytoll<sub>1</sub> received on 9 January 2014 and noted the two week notification period set out in the Code of Construction Practice.</p>	Note
	(vi)	<p>FCBCs procedures regarding overruns if works in normal working hours had to continue outside normal working hours where permitted by the Code of Construction Practice were discussed. FCBC were asked to notify any works overruns to the relevant local councils in addition to the EDT.</p>	Note
		<b><u>Monitoring</u></b>	
	(vii)	<p>FCBC advised that no exceedances of the maximum noise level thresholds had been recorded in the last month.</p>	
	(viii)	<p>FCBC advised that correspondence had been received from SNH and Marine Scotland regarding removal of the hydrophone from the North pier of the FRB. Neither party objected to the removal. FCBC confirmed the hydrophone on the south pier and the mobile hydrophone would remain in place.</p>	Note
	(ix)	<p>FCBC advised that attended monitoring had been undertaken during the following activities:</p> <p>Approach Viaduct South evening works – Monitoring had taken place on the first night and 12 December 2013. All recorded levels were found to be within thresholds. Monitoring had been undertaken adjacent to all the main receptors in the area. Further monitoring will be undertaken when the works recommence.</p> <p>Gantry test piling – A90/M90 Scotstoun area. A number of noise sources were identified and these will be addressed prior to the start of the permanent piling works. FCBC advised that works will commence at the locations furthest from receptors to ensure any potential noise issues during the works are identified and can be addressed before moving closer to properties.</p>	FCBC  FCBC
	(x)	<p>FCBC gave a summary of proposed noise monitoring that is to be carried out in January 2014. This was not an exhaustive list, but planned monitoring at this time includes:</p>	FCBC

		<ul style="list-style-type: none"> <li>• S3 Piling Works – W/c 13 January</li> <li>• ST Crane platform piling – W/c 13 January</li> <li>• S2 Cofferdam piling – Feb/March.</li> <li>• AVS steelwork welding – evening works</li> </ul>	
		<b><u>Community Engagement</u></b>	
	(xi)	<p>One complaint had been received from a resident on the north side of the river. The resident complained about a hammering noise in the early hours of 4 December 2013.</p> <p>FCBC noted that there had been a concrete pour being carried out on the North Tower on the night of the complaint but it had finished around 5.15 am. The noise monitor recorded 6 exceedances between 06.15 and 06.20, It was not possible to identify the source of these exceedances, however, discussions with the construction operatives suggest that no works that could cause a hammering noise were being carried out. It was also noted that there were works on the FRB that night. FCBC had been in touch with the complainant and taken measures to ensure that the toolbox talk was re issued to the relevant teams in the area.</p> <p>FCBC to share this and any future complaints with FETA to make them aware of the issues being raised.</p>	FCBC
	(xii)	EDT advised that the previous complaint received from a resident at Clufflat was ongoing and that they were corresponding with the complaint. EDT noted that, as had been discussed previously, the complaint related to whether the correct procedures had been followed in relation to approving the evening working trial period for the south approach viaduct welding works. The NLG indicated they were content that the correct procedures had been followed.	
		<b><u>Forward Programme</u></b>	
	(xiii)	<p>The following items were discussed:</p> <ul style="list-style-type: none"> <li>• M90/A90 Gantry Structures – Permanent Piles</li> <li>• Shale deliveries</li> <li>• Approach Viaduct steel extended hours welding.</li> </ul>	
	(xiv)	<p>FCBC explained the sequence and programme for installation of the gantry piling on the M90 and A90. This will be carried out over approximately 7 weeks but works will be spread over the various sites throughout the period due to the nature of the works. Working outside of normal working hours will be necessary due to the traffic management and disruption implications of working during normal working hours. The programme for the works was reviewed by the NLG.</p> <p>Previous attended noise monitoring carried out by FCBC during the test pile installation was discussed. PCNV0008 Rev 06 is to be circulated to the NLG by FCBC after the meeting for review and would be discussed at the Tuesday conference call.</p>	FCBC
	(xv)	There was no further information regarding the transportation of shale through Kirkliston.	Note
	(xvi)	It was noted that no welding had been carried out outside of normal working hours at the south approach viaduct since the Christmas break. Steel deliveries are awaited and no work will be conducted outside normal working hours until the units have arrived.	Note

5	Next Meeting	The next meeting (No.31) will be held on 6 February 2014, 10am at the Ferrytoll site office.	
6	Any Other Business	EDT were asked to circulate the calendar for all 2014 NLG meetings to allow time to be booked in diaries.	EDT