



Meeting Notes (Draft)

Noise Liaison Group Meeting No.33

03 April 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)
David Redden	Fife Council (FC)
Brian Carmichael	West Lothian Council (WLC)
Colin Goodsir	Forth Crossing Bridge Constructors (FCBC)
Martin Wilson	Forth Crossing Bridge Constructors (FCBC)
David Keable	Forth Crossing Bridge Constructors (FCBC)
Alan Irvine	Forth Crossing Bridge Constructors (FCBC)
Pedro Jadraque	Forth Crossing Bridge Constructors (FCBC)

Apologies for Absence:

Richard Greer	FRC Employer's Delivery Team (EDT)
Andy Officer	FRC Employer's Delivery Team (EDT)
Tracy Wyllie	Fife Council (FC)
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. FCBC introduced David Keable who has joined the Environmental team	
2	Safety Procedures	All present were advised regarding safety and evacuation procedures.	
3	Minutes and Actions from Previous Meeting	The minutes of Meeting No.32 held on 06 March 2014 were agreed with no amendments: Actions from the previous meeting are as noted below.	
4	Principal Contract	<u>Actions from Previous Meeting No. 32</u>	
	(i)	FCBC advised that the S3 piling works that had been scheduled for Sunday 30 March had been suspended pending investigation of Noise Monitoring data and review with NLG following receipt of a complaint from the Linn Mill Residents Association.	Note
	(ii)	FCBC had carried out noise assessment of the green cutting works. All recorded levels were found to be within Contract thresholds.	Note
	(iii)	FCBC advised that the floodlighting installation at ESQ07 has not yet been undertaken.	Note

	(iv)	Other actions were discussed under the separate agenda items below.	
		<u>Plans for Control of Noise and Vibration</u>	
	(v)	<p>FCBC advised that the following PCNVs had been submitted in the period:</p> <ul style="list-style-type: none"> • 0020 Rev 16 – Marine Foundations (Approved) • 0010 Mod 13 – Pavement Testing (North) (Approved) • 0022 Mod 01a – Green cutting of concrete (Approved) • 0010 Mod 14 – A90 Slip road and B981 (Approved) • 0011 Rev 09 – Land Based Piers (For Approval) 	
	(vi)	<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"> • 0010 Rev 08 – North Works Area • 0021 Rev 07 – South Earthworks Roadworks • 0010 Mod 15 – B981 Duct Installation and Site Access • 0022 Rev 03 – Marine Structures <p>The PCNV lookahead programme would be forwarded to members after the meeting</p>	<p>Note</p> <p>FCBC</p>
		<u>Monitoring</u>	
	(vii)	FCBC advised that no construction related exceedances had been recorded in the period.	
	(viii)	FCBC advised that attended airborne noise monitoring had been undertaken at Linn Mill and The Weddles during piling operations at S3 The readings were taken during Impact piling on 3 rd March – Linn Mill and The Weddles. and Vibro piling 10 th March – The Weddles and 11 th March at Linn Mill. All results were within CoCP thresholds.	
	(ix)	<p>Planned monitoring for April 2014 includes:</p> <ul style="list-style-type: none"> • S2 Cofferdam piling • Any out of hours works excluding marine works. • 	Note
		<u>Community Engagement</u>	
	(x)	<p>FCBC advised that three complaints had been received. Two were in relation to the S3 Cofferdam piling, one from an individual resident in Linn Mill and one from the Linn Mill Residents Association (LMRA).</p> <p>LMRA requested that piling be limited to daylight hours on weekdays only and the individual that noise monitoring be undertaken at his property.</p> <p>FCBC advised that they were finalising the piling at S3. As previously noted the piling scheduled for Sunday 30th was cancelled following receipt of the complaints.</p> <p>FCBC noted that recorded noise levels at the Butlaw, Clufflat, Linn Mill and Inchgarvie Lodge monitors had all been within the CoCP thresholds throughout the S3 piling works. These works were now coming to an end and the next piling will be at Pier S2 which is approximately 100m further into the estuary.</p>	

		<p>The NLG were agreed that piling on Saturdays was in accordance with the CoCP. It also noted that records indicated that a constant impact piling duration would only be around a maximum of three hours per day to stay within CoCP thresholds and this was acceptable. Piling on Sunday would still be undertaken if required but limited to the agreed PCNV maximum duration of 1hr between the hours of 10.00 and 19.00. This would also be dependent on weather and tides. FCBC will endeavour to limit the amount of impact piling on a Sunday.</p> <p>The NLG will be informed in advance if Sunday piling is likely to occur. If Sunday piling works do take place FCBC will provide a review and update to NLG on Mon for further discussion on Tue telephone conference.</p>	FCBC
	(xi)	<p>FCBC noted that the third complaint had been received jointly from two residents at Echline. The complaint was regarding non-compliance with the working hours. Noise (banging) from the Queensferry gyratory had been heard prior to 08.00 and plant was heard moving across the site just after 07.35. The FCBC Environmental team had raised an NCR against the relevant construction team and all sub-contractors had been re-briefed regarding the permitted activities within the start-up period. The Environmental team will also carry out spot checks on site start-up/finish times.</p>	FCBC
	(xii)	<p>FCBC noted that two enquiries had been received,</p> <ol style="list-style-type: none"> 1. from a resident in Echline regarding cracking to roughcast. 2. from a resident in Lothian View regarding a perceived increase in noise levels from the A90. <p>In response to the enquiries FCBC have taken the following action:-</p> <ol style="list-style-type: none"> 1. The cracking had not been recorded during the initial Structural survey in December 2011. FCBC arranged for a new structural survey to be undertaken regarding the cracking. This was inconclusive as to cause. The Vibrock installed during the recent road crossing works had also not shown any exceedances. FCBC arranged for a trial to be undertaken to try and establish if the works could be a contributory factor in the new crack. Two Vibrock monitors were set up around the house, one at the closest point to the works and the second adjacent to the new crack. A vibratory roller was used approximately 40m from the nearest monitor for approximately 15 mins. This time include running up and down of the vibration mode. All recorded levels were well below the CoCP thresholds. No further action was proposed at this time as there will be a final Structural survey carried out at the end of the Contract period which will identify any further deterioration. 2. The resident of Lothian View requested information of future noise mitigation as they were concerned about a perceived increase in A90 road noise. The NLG noted that any change in noise levels would be reviewed at the end of the Contract period but in the meantime the CLO would provide details of proposed planting and mitigation. 	FCBC
5	Next Meeting	The next meeting (No.34) will be held on 1 st May 2014, 10am at the Ferrytoll site office.	
6	Any Other Business	It was agreed that a site visit will be arranged to follow the meeting on May 1 st .	

