



Meeting Notes



Noise Liaison Group Meeting No. 4

1 September 2011, 10:00 to 13:00

Venue: Arrol House, 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)
Richard Greer	FRC Employer's Delivery Team (EDT)
Martin Butterfield	FRC Employer's Delivery Team (EDT)
Oliver Atack	FRC Employer's Delivery Team (EDT)
Dermot Connolly	City of Edinburgh Council (CEC)
David Redden	Fife Council (FC)
Tracy Wyllie	Fife Council (FC)
Brian Carmichael	West Lothian Council (WLC)
Colin Megginson	Marine Scotland
Rory McFadden	John Graham (Dromore) Ltd (JGD)
Sean O'Neill	John Graham (Dromore) Ltd (JGD)
Paraic McCarthy	SRB Civil Engineering Ltd (SRB)
Ross Glendinnig	Forth Crossing Bridge Constructors (FCBC)
Paul Hillman	Forth Crossing Bridge Constructors (FCBC)
Ray Browne	Forth Crossing Bridge Constructors (FCBC)
Meinolf Droste	Forth Crossing Bridge Constructors (FCBC)
Darren Mahoney	Forth Crossing Bridge Constructors (FCBC)

Apologies for Absence:

Steve Williamson	City of Edinburgh Council (CEC)
David Brewster	West Lothian Council (WLC)
Niall Corbet	Scottish Natural Heritage (SNH)
Mike Bland	Marine Scotland (MS)

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	EDT advised regarding safety and evacuation procedures.	
3	Minutes and Actions from Previous Meeting	The minutes of Meeting No. 3 held on 4 August 2011 were agreed. Actions from the previous meeting are as noted in items 4(a) to 4(c) below.	
4(a)	Fife ITS	<u>Actions from Previous Meeting No. 3</u> Item 3 – JG have discussed monitoring locations with FC. Item 4(b) – JG have included in their NVMP use of non-tonal alarms and EDT has advised all Contractors regarding the need to consider this as mitigation.	

		<p>JG provided hard copy drawings of noise monitoring locations used during recent noise monitoring.</p> <p>EDT confirmed having prioritised review of PCNVs for site compound and pavement testing works.</p> <p><u>Noise and Vibration Management Plan</u></p> <p>EDT confirmed that the NVMP was in the process of being approved.</p> <p><u>Plans for Control of Noise and Vibration</u></p> <p>JG provided a forward plan for PCNV submissions. The status of PCNVs was noted as follows:</p> <p>PCNV0001 Site Compound Works – approved PCNV0002 Pavement Testing Works – final approval in the process of being given PCNV0003 Gantry Works – comments to be provided by NLG PCNV0004 Gantry Works – JG to update following receipt of EDT comments prior to its submission to the NLG PCNV0008 Ducting and Drainage – EDT currently reviewing</p> <p>FC advised that having received plans showing the monitoring locations, they had no other comments on PCNV0003. JG to finalise PCNV0003 and submit to EDT for approval.</p> <p><u>Monitoring</u></p> <p>EDT advised that the format for providing noise monitoring information had to be agreed. JG to submit proposal.</p> <p>JG to provide baseline monitoring results to EDT to allow placing on website.</p> <p><u>Community Engagement</u></p> <p>JG advised that they had undertaken letter drops to advise of forthcoming works. FC asked if notifications would be provided on the website. EDT advised that the website was currently being updated and it was intended to include notifications and forward programme on the website.</p> <p><u>Forward Programme</u></p> <p>JG to update the forward programme of PCNVs and issued to EDT. EDT asked that the updated schedule include whether PCNVs are graded as red/amber/green and also the indicative construction start date for each PCNV.</p>	<p>JG</p> <p>JG</p> <p>JG</p> <p>JG</p>
4(b)	M9 Junction 1a	<p><u>Actions from Previous Meeting No. 3</u></p> <p>Item 4(c) – EDT confirmed they had met with SRB to discuss PCNV preparation.</p> <p>EDT thanked WLC for their comments on the NVMP.</p> <p>SRB advised that they were reviewing whether there were any safety issues associated with non-tonal alarms in certain circumstances. EDT noted that the Health & Safety Executive have approved the use of broadband noise vehicle reversing alarms. However, SRB explained that these alarm types may not be suitable for all</p>	

		<p>situations, eg high ambient noise environment. SRB to continue to review and advise NLG of outcome.</p> <p>EDT confirmed that they had forwarded CEC comments to SRB regarding their NVMP and SRB had addressed the comments.</p> <p><u>Noise and Vibration Management Plan</u></p> <p>EDT confirmed that the NVMP was approved for site compound works but that various comments required to be addressed by SRB before full approval was given.</p> <p><u>Plans for Control of Noise and Vibration</u></p> <p>SRB provided a forward plan for PCNV submissions. The status of PCNVs was noted as follows:</p> <p>PCNV0001 Site Compound – comments to be provided by NLG PCNV0002 Newmains Bridge Site Investigation – comments to be provided by NLG SRB tabled a forward programme of regular PCNV submission throughout September.</p> <p>With regard to PCNV0001, CEC advised that an appropriate super-silenced generator should be used. WLC advised that they would wish consideration of non-tonal alarms as mitigation and that the bund referred to in the noise assessments should be taken into account in the predicted noise levels. WLC also queried the percentage on times of vehicles and plant used in the assessment. SRB advised they would review and update the PCNV prior to submission to the EDT for approval.</p> <p>With regard to PCNV0002, WLC advised that they would wish consideration of non-tonal alarms as mitigation. SRB advised they would review and update the PCNV prior to submission to the EDT for approval.</p> <p>EDT advised that as SRB were breaking down the works into activity specific PCNVs, SRB would have to ensure cumulative noise effects were considered. EDT asked that SRB arrange to discuss with them the possibility of consolidating works within PCNVs to reduce their number.</p> <p><u>Monitoring</u></p> <p>EDT advised that the format for providing noise monitoring information had to be agreed. SRB to submit proposal.</p> <p>SRB to provide baseline monitoring results to EDT to allow placing on website.</p> <p>SRB to forward details of the specification of noise monitors to the NLG members.</p> <p><u>Forward Programme</u></p> <p>SRB's forward programme indicated regular PCNV submission throughout September, with 26 PCNVs identified to date.</p>	<p>SRB</p> <p>SRB</p> <p>SRB</p> <p>SRB</p> <p>Note</p> <p>SRB</p> <p>SRB</p> <p>SRB</p> <p>SRB</p>
4(c)	Principal Contract	<p><u>Actions from Previous Meeting No. 3</u></p> <p>Item 4(a) – EDT confirmed they had circulated comments from the individual NLG members on the NVMP and PCNVs to the</p>	

		<p>PCNV0001 Land Ground Investigation - EDT comments to be addressed by FCBC.</p> <p>PCNV0002 Marine Ground Investigation – Comments received from CEC. Comments to be provided by other NLG members.</p> <p>PCNV0003 Marine Geophysics – Comments to be provided by NLG.</p> <p>PCNV0009 St Margaret’s Marsh Platform - Comments to be provided by NLG.</p> <p>FCBC provided an overview of the works involved in the Marine Geophysics covered by PCNV0003 which are programmed to commence w/c 12 September 2011. CEC enquired regarding monitoring to be undertaken. FCBC explained the monitoring proposals including making use of permanent monitors. No other comments were provided. FCBC are to address the Employer’s comments.</p> <p>FCBC provided an overview of the works involved in the Marine Ground Investigation covered by PCNV0002 which are programmed to commence w/c 10 October 2011. The following was noted in FCBCs overview and in response to questions from the NLG. All points to be noted by FCBC for consideration and addressing:</p> <ul style="list-style-type: none"> • FCBC noted that the works will be based in Forth Ports, Rosyth. • FCBC noted that Glover Site Investigation Ltd will be subcontracted to carry out the works. • FCBC noted that a single jack-up barge will be used for MGI. • FCBC advised that mitigation such as appropriate orientation of the barge and rig, acoustic barriers, rubber matting, restricted vehicle movements at night, boats operating at half throttle would be in place. • FCBC noted that it is likely to take 2-5 days to drill a borehole. • CEC enquired regarding the need for night time working. FCBC advised that safety implications meant that night time working was necessary, particularly issues with using a single drill string for the works that meant that it would not be possible to suspend working at night. Also the nature of tidal working would necessitate working at nights. FCBC confirmed that if possible scheduling would be looked at to avoid commencing new holes at night. • FCBC to confirm long term noise monitoring will be established. • EDT highlighted the importance of informing sensitive receptors regarding future works. • The EDT and FCBC offered the NLG access to the MGI jack-up barge to observe the mitigation measures in place as part of the Contractor assuring best practicable means are employed. Aim for visit 6th October prior to NLG meeting. EDT proposed NLG to have up front site inductions to enable easier access to site. FCBC to advise on required PPE for inductees. • FCBC confirmed a log of the works activities will be kept for comparison with noise monitoring records. • FCBC will have underwater noise monitoring operational prior to and during the works. • FCBC confirmed that lessons learned from previous investigations included advance notifications and learning from feedback from the public. • CEC enquired regarding local authority consent. EDT advised that in accordance with the Code of Construction Practice, this would be necessary if impacts were predicted that would be greater than those identified in the Environmental Statement but that the PCNV did not indicate any exceedence. • EDT stressed the importance of monitoring, particularly in relation to early works. FCBC confirmed that specific monitoring would be in place at the start of each activity. • CEC asked that if possible, works are not scheduled to start at the closest point to sensitive receptors. FCBC advised this would be 	<p>FCBC</p> <p>FCBC</p> <p>FCBC</p> <p>FCBC</p> <p>ALL</p> <p>FCBC</p> <p>FCBC</p> <p>FCBC</p> <p>FCBC</p> <p>FCBC</p> <p>FCBC</p>
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		<p>considered.</p> <ul style="list-style-type: none"> • EDT suggested that it would be beneficial for meetings with local residents/communities to cover the future marine ground investigation works and that FCBC may find benefit in arranging specific meetings. <p>FCBC are to update the PCNV taking account of the above points of discussion and comments.</p> <p>With regard to PCNV0009 St Margaret's Marsh Platform CEC enquired regarding monitoring. EDT advised FCBC that if no monitoring was proposed due to the nature and location of works, the PCNV should explain why no specific monitoring is necessary for consideration by the NLG. FCBC are to update the PCNV to take account of the Employer's comments.</p> <p>FCBC confirmed that they were putting plant hire contracts in place specifying the need for non-tonal alarms but that some of the early works with limited plant and machinery did not have this specification in place.</p> <p><u>Monitoring</u></p> <p>FCBC confirmed that trial blasting works had commenced and that actual noise levels were less than predicted.</p> <p><u>Forward Programme</u></p> <p>FCBC indicated that Land Ground Investigation was due to commence 19 September 2011. EDT noted that the PCNV still needed to be finalised and would confirm to FCBC when its comments had been issued.</p>	<p>FCBC</p> <p>FCBC</p> <p>FCBC</p> <p>EDT</p>
5	Next Meeting	<p>The next meeting Number 5 will be held on 6 October 2011, 10am, Arrol House, Rosyth Europarc.</p> <p>Meeting No. 6 will be held on 3 November 2011, 10am, Arrol House, Rosyth Europarc.</p>	
6	Any Other Business	None	