



Meeting Notes



Noise Liaison Group Meeting No. 7

1 December 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)
Richard Greer	FRC Employer's Delivery Team (EDT)
Stephanie Harper	FRC Employer's Delivery Team (EDT)
Steve Williamson	City of Edinburgh Council (CEC)
David Redden	Fife Council (FC)
Sean O'Neill	John Graham (Dromore) Ltd (JGD)
Mark MacLagan	John Graham (Dromore) Ltd (JGD)
Roland Tarrant	SRB Civil Engineering Ltd (SRB)
Micheal O'Connell	SRB Civil Engineering Ltd (SRB)
Meinolf Droste	Forth Crossing Bridge Constructors (FCBC)
Neil Abraham	Forth Crossing Bridge Constructors (FCBC)
Paul Hillman	Forth Crossing Bridge Constructors (FCBC)
Ray Browne	Forth Crossing Bridge Constructors (FCBC)

Apologies for Absence:

Andrew Mackay	FRC Employer's Delivery Team (EDT)
Martin Butterfield	FRC Employer's Delivery Team (EDT)
Dermot Connolly	City of Edinburgh Council (CEC)
Tracy Wyllie	Fife Council (FC)
David Brewster	West Lothian Council (WLC)
Brian Carmichael	West Lothian Council (WLC)
Mike Bland	Marine Scotland (MS)
Niall Corbet	Scottish Natural Heritage (SNH)
Colin Megginson	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	<p>The minutes of Meeting No. 6 held on 3 November 2011 were agreed save one amendment.</p> <p>Amendment to Meeting No. 6 minutes Item 4c) Plans for Control and Noise Vibration. It was agreed that all references to PCNV0019 Beamer Rock Blasting and Excavation works should refer to blasting and excavation daytime activities only and not drilling activities. Drilling – which will be tide dependant – is covered by PCNV0018.</p> <p>Actions from the previous meeting are as noted in items 4(a) to 4(c) below.</p>	EDT

4(a)	Fife ITS	<p><u>Actions from Previous Meeting No. 6</u></p> <p>Item 4(a) – EDT confirmed the draft template chart for presentation of noise monitoring results had been amended per feedback received from NLG. Revised format charts were discussed at the meeting. A final modification was agreed to the key/legend.</p> <p>Agreed that a map should be provided on the project web site showing the 3 contract areas and the location and ID for each long term monitoring station.</p> <p>The final intro and graphical format to be issued to contractors.</p> <p>The draft wording to be used to introduce the monitoring on the Project Web site was discussed and agreed subject to the inclusion of information about maximum noise level investigation reports.</p> <p>It was agreed that the graphs are suitable for the presentation of long-term monitoring data, but not to be used to present mobile monitoring/short term data which has been the only form of practical monitoring for the Fife ITS contract to date.</p> <p>EDT confirmed that: PCNV0012 Northbound H/S Planing and Surfacing; PCNV0006 Gantry Site G01f; and PCNV0007 Gantry Sites 08f, 15f and 18f to 21f, had all been approved following receipt of comments from NLG and amendment as required by FG.</p> <p>NLG has reviewed PCNV0015. JG to update the PCNV and submit to EDT for approval.</p> <p><u>Plans for Control of Noise and Vibration</u></p> <p>JG provided a forward plan and overview of PCNV submissions. In addition to the status recorded in the review of the actions from Meeting No. 6, the following was noted:</p> <p>PCNV0016 Piling Works at Gantry 10F North has been reviewed by EDT and NLG. Contractor currently addressing NLG comments and to issue to EDT for approval.</p> <p><u>Monitoring</u></p> <p>JG presented compliance reports for PCNVs 003 and 004 to the NLG. JG advised that measured noise levels from construction plant on site were consistent with, or lower than, predicted noise levels in the PCNVs.</p> <p>JG advised that two long-term monitors have now been deployed in advance of its longer term work and data will be presented in the provided monthly format.</p> <p>EDT confirmed that comments on baseline monitoring report have been provided. JG has advised that an updated report will be provided w/c 5/12.</p>	<p>EDT</p> <p>EDT</p> <p>EDT</p> <p>EDT</p> <p>JG</p> <p>JG</p> <p>JG</p> <p>JG</p>
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4(b)	M9 Junction 1a	<p><u>Actions from Previous Meeting No. 6</u></p> <p>Item 4(b) – EDT confirmed the draft template chart for presentation of noise monitoring results and supporting introduction and for the web page had been amended and agreed per feedback received from NLG – refer to item 4(a). New format for charts and intro text to be issued to contractors,</p> <p>Initial data to be presented by the M9 Junction 1a contractor for provision on the internet from week commencing 9/12 as a draft for public comment.</p> <p>EDT confirmed having reviewed and commented on the updated baseline report provided by SRB. SRB to revise and submit for approval and posting on the Project web site.</p> <p>EDT confirmed that PCNV0016 Newmains Structure and PCNV0026 Gantries (M9 Spur excl Gantry G11J) had been approved following review by NLG.</p> <p>SRB advised that specific monitoring of traffic management plant (PCNV009) had been conducted – feedback received from one resident has been about construction workers shouting / talking during evening / night periods. SRB reaffirmed that conduct of workers on-site would be addressed through toolbox talks.</p> <p>SRB advised attended noise monitoring has been undertaken during the initial night-time works covered by PCNV009 (installation of traffic management systems) 09/11/11. The measured levels were consistent with the PCNV. Data had been issued to CEC.</p> <p><u>Plans for Control of Noise and Vibration</u></p> <p>SRB provided an update of submitted PCNVs. The following PCNVs have been issued to the NLG for review:</p> <ul style="list-style-type: none"> • PCNV 020 – M9J1a Overbridge • PCNV 023 – Earthworks to M9 eastbound on slip • PCNV 024 – M9 Gantries East of Junction • PCNV 025 - M9 Gantries West of Junction <p>SRB advised that the majority of its works were now covered by PCNVs and that discussions were being held with EDT to confirm how cumulative noise would be evaluated and controlled as the programme for the different work packages inevitably changes on site. PCNV 036 is being discussed as a possible form to be discussed at next meeting.</p> <p><u>Monitoring</u></p> <p>SRB advised that works conducted to date had largely been either at distance from the main community areas or screened by the motorway</p>	<p>EDT</p> <p>SRB</p> <p>SRB</p> <p>SRB</p> <p>SRB</p> <p>NLG</p> <p>SRB/EDT</p> <p>SRB</p>

		<p>embankment. As works move closer to / become more visible, SRB noted that more short term attended monitoring would be conducted.</p> <p>SRB presented draft monthly construction noise monitoring graphs and maximum noise level investigation reports for monitoring stations 7CNV (Buie Rigg) and 2CNV (Cotlaws and King Edwards Way):</p> <ul style="list-style-type: none"> • NLG advised SRB that more detail will be required in the maximum noise level investigation reports, to be clear what caused the exceedance, and to be specific on what actions have been taken where exceedances have been caused by construction works (none yet recorded). • Agreed the results for October and November should be put on the project website w/c 09/12/11 • SRB discussed that monitor 2CNV was showing near continuous exceedance of the maximum noise level threshold from the CoCP even though there have been no significant works in the area. Initial analysis has identified that this is due to existing motorway noise, aircraft and a local dog. SRB advised that as more significant works start in the area additional short term attended measurements would be conducted to confirm construction noise levels. The viability of 2CNV as a suitable long term monitoring location for construction noise will be reviewed. <p>SRB advised that pre-condition surveys for properties on King Edwards Way (as a precautionary measure and to provide assurance for residents) are to be conducted.</p> <p><u>Community Engagement</u> SRB advised that a community meeting with the Kirkliston community had been conducted. Residents were informed of the works to be conducted and were advised of the information phone number for the works.</p> <p>SRB advised that letter drops to King Edwards Way, Buie Rigg and Kirklands Park Grove had been conducted.</p> <p><u>Review of enquiries / complaints</u> As noted above – SRB advised that only one comment relating to night workers has been received. This is to be addressed through toolbox training as noted.</p>	<p>SRB</p> <p>SRB</p> <p>SRB</p> <p>SRB</p> <p>SRB</p>
4(c)	Principal Contract	<p><u>Actions from Previous Meeting No. 6</u></p> <p>Item 4(c) – EDT confirmed the draft template chart for presentation of noise monitoring results had been amended per feedback received from NLG. New format for charts issued to contractors and FCBC to populate.</p> <p>FCBC reported that attended monitoring had been undertaken during the first night of the marine GI work and reviewed with EDT. EDT had observed the monitoring, Noise from FCBC activities was scarcely audible at the nearest receptors. Maximum noise levels did exceed the CoCP thresholds from time-to-time but always due to non-FCBC sources (gusts of wind was the main source). Please also refer to the next section.</p> <p>Agreed that FCBC monitoring data shouldn't be published on the project website until the contractor's substantive monitoring systems were fully 'bedded in' and the Contractor and NLG had complete confidence in the outputs (see next section of these minutes).</p>	EDT/FCBC

		<p>PCNV018 (Beamer Rock drilling works) had been amended and approved.</p> <p>There had been considerable dialogue between FCBC and EDT over the period about PCNV019 (Beamer Rock blasting and excavation). Please reference to PCNV section below.</p> <p>FCBC confirmed that the final fixed monitors to replace short term monitoring would be installed before the Christmas period.</p> <p>FCBC advised that its request for NLG to approve the proposed weather station locations remained open. EDT to follow up.</p> <p><u>Plans for control of noise and vibration</u> FCBC advised that wider area based PCNVs 007 and 008 had been submitted. EDT confirmed that it had reviewed and issued to NLG with its comments.</p> <p>EDT asked that a forward programme of PCNV submissions be prepared including a noise risk assessment for the works to be covered in each application. FCBC confirmed that this would be in place ahead of the next NLG.</p> <p>EDT advised that is had received a modification request from FCBC to PCNV002 (marine GI). The modification covers limited daytime trial piling in the Forth at the furthest possible locations from the foreshores. EDT advised (and NLG accepted) that it would approve the modification subject to the following conditions:</p> <ul style="list-style-type: none"> • Airborne and waterborne noise levels to be measured to provide data to use for the assessment of the main works. • Protection and monitoring provisions for marine life to be implemented and maintained in with SNH requirements; • FCBC's trials to include 'jetting' if necessary. If used data must be collected to inform whether this method is quieter and of so whether it could be reasonably or practicably used for the main works. <p>PCNV0019 Beamer Rock Blasting and Excavation. This was discussed at some length. There would first be a trial blast. The data from the trial blast would be used to confirm the 3 'production' blasts. The production blasts would not be undertaken until the final proposals for the production blasts were agreed with NLG. The NLG agreed that based on FCBC's proposals, because of the very large distance between Beamer Rock and the foreshores and provided that FCBC forewarned residents of the daytime blast times, the principal environmental noise issues for these works relate to marine life.</p> <p>The discussion extended to FCBC's proposals to protect marine mammals, fish and other protected species including use of:</p> <ul style="list-style-type: none"> • Acoustic Deterrents. • Marine Mammal Observers (MMOs); and • Passive Acoustic Monitoring (PAM). <p>As no SNH representative was present during the meeting it was proposed that FCBC/EDT/SNH discuss the issues regarding impact on marine wildlife in a separate meeting.</p> <p>With regards to notifying third parties about the blasting, FCBC advised:</p>	<p>FCBC</p> <p>EDT</p> <p>NLG</p> <p>FCBC</p> <p>EDT</p> <p>FCBC/EDT/ SNH</p>
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5	Next Meeting	The next Meeting (No. 8) will be held on 2 February 2012, 10am, Ferrytoll site office.	
6	Any Other Business	None	