

## Minutes Port Noise Liaison Committee

Date:	29 March 2023
Venue:	PNL Training Centre
Time:	12.10hrs
Present:	Bob Dickinson (Chair), Peter Moffatt (Residents' Rep), Matt MacDonald (PNL Rep), Colin Devenish (PNL Rep), Kim Lui (PNL Rep), Shannon Holroyd (PNL Environmental Manager), Kathryn Halder (PNL Environmental Consultant) and Sophie Anderson-McEwen (Minutes).
Apologies	Ian Wright (Residents' Rep)
Absence	Tony Vining (Residents' Rep)

		Discussion	Action Points Arising
1.	Welcome & Important Affair	<p>Bob opened the meeting and welcomed everyone.</p> <p><b>a. How does PNLC work more efficiently – Discussion on NEAG's Paper.</b></p> <p>Colin noted we need to work together better to be more efficient such as facilitating a night Port tour and meeting with Hegley Acoustic Consultants (Hegley). Colin noted PNL is trying to be more proactive in their communication to residents, they believe this was shown with the recent visit of the Nansha.</p> <p>Peter noted the residents would like to be able to see what is being done about complaints and the investigations, he believes this would make a big difference. It would make the residents more satisfied and feel like themselves as representatives are doing their job. Peter noted the position of the recording equipment is a large issue that needs to be addressed as the representatives are left wondering if the reporting is accurate as many things need to be taken out (seagulls, wind etc.). Colin advised PNL would like to be open and transparent so we can get to a point where these results can be trusted by everyone.</p>	



		Discussion	Action Points Arising
2.	Review previous meeting minutes and action points.	<p><b>a. Minutes from 14th December 2022.</b></p> <p>Circulated / read/ revised minutes accepted.  <b>Moved by Peter Moffat and seconded by Bob Dickinson. Carried.</b></p> <p><b>b. Update on actions arising from previous PNLC meeting.</b></p> <p><b>i. Disclose personal details of complainants.</b>            Kim noted PNL has looked into Privacy Act and PNL cannot legally provide personal information. Kim suggested they provide a heat map to show which areas have complaints. Peter confirmed that this would be helpful.</p> <p><b>ii. Original letter from Hegley Acoustics Consultants on Peter’s Questions</b>            A copy of the original letter from Hegley was provided as requested at previous PNLC meeting. Kathryn advised that the recommendations, as agreed by the PNLC, have already been incorporated into the recent monthly reports.</p> <p><b>iii. PNLC Annual Newsletter</b>            Kim advised the newsletter has been distributed among residents and advised of new online sign up. So far only 3 sign ups online.</p> <p>Bob asked can we endeavor to distribute the newsletter before Christmas. Colin suggested arranging the last PNLC meeting of the year to be at the end of November instead of December to allow time for the minutes to be circulated and then summarised in the newsletter so that it can be issued before Christmas.</p>	
3.	Matters arising / issues tabled from residents’ reps and / or PNL reps for discussion	<p>Bob queried the timing of distributing the minutes onto the website from PNLC meeting. Kathryn advised the timeline for these – 1 week after meeting, first drafted minutes to be sent to the committee for comments, with a week allowed for comments/feedback, then take a further week for the final draft to be updated and any clarification sought. Then PNL to post draft minutes to website. This is accordance with the noise management plan which notes that “a summary of PNLC minutes will be available on the PNL website one month after the meeting is held”.</p> <p><b>a. Update on Cold Ironing (Shore to ship power)</b></p> <p>Colin advised that PNL has talked to Nelson Electricity Ltd after NEAG meeting, Nelson Electricity</p>	



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	<p>would need to upgrade the substation and PNL would need to also upgrade. The wharf and the ships would also need to be upgraded to make this possible. Colin advised this may be a 7–10-year plan. Colin advised there is available power to electrify 2 cranes. Peter queried if there are any ships currently that can use shore to ship power. Colin noted no cargo ships in New Zealand or Australia have this capability except Navy. Matt advised PNL alone cannot require ships to have shore to ship power capabilities, it would need to be a national or international standard.</p> <p>Colin advised electrifying the cranes is at least a 2–3-year plan.</p> <p><b>b. Update on the Maersk Action Plan.</b></p> <p>Colin advised at the NEAG meeting, PNL provided an action plan for Nansha, prior to receiving the official report from Marshall day, Maersk pulled the Nansha service from visiting NZ. The Nansha's last visit is on 4<sup>th</sup> April. Matt advised that one of the substitutions of Nansha, Trieste Trader, visited Port Nelson on 22 March which resulted with a better performance and no complaints received.</p> <p>Peter advised from a generator noise point of view it's great that the Nansha is leaving.</p> <p><b>c. Marshall Day Study – Vessel Generator Noise &amp; Mitigations Review</b></p> <p>Colin advised Marshall Day is undertaking a study on generator noise, as soon as PNL gets the results it will be sent through to PNL. Colin advised of practical mitigations – reactive silencers to auxiliary generator exhaust which is most effective and measures with small reduction/improvements such as load splitting between two generators, vessel berth orientation, time of berthing, notifying the community. Colin also advised of non-practical mitigations such as “Cold Ironing” which is currently not feasible and screening/shielding between a dwelling and the vessel stack.</p> <p>Peter questioned if Marshall Day study included clangs and bangs too. Colin advised it does, but we do not have those results yet, but as soon as PNL has these results they will pass them on to the committee.</p> <p><b>d. Noise Statistics – Trend of Last 3 Years</b></p> <p>Kim explained PNL's trend of noise statistics over the last three years. Kim showed the trend line is slowly trending down.</p>	<p>PNL to provide Marshall Day report.</p>



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		<p>Bob questioned what the difference is between the two lines. Kathryn advised when the wind is over 5 meters per second it should be excluded according to the New Zealand Acoustic Standard. However, in saying this both graphs (with and without wind contamination) have been presented for general information and both show a downward trend.</p> <p>Kathryn reassured the committee that Kim investigates every noise event over 78dBA, not just noise events that trigger complaints.</p> <p><b>e. Abusive Language in Complaints</b></p> <p>Colin advised the reason this has been raised is PNL needs to look after the Health and Safety of staff. He advised Kim and PNL security staff have been receiving a lot of abuse from people with these complaints. Colin advised that if PNL receives a complaint with this example of abuse, it is not replied to. Bob questioned why we do not respond with “we are not responding to this because of the abusive language”. Colin advised; he would reply on these occasions.</p> <p>Peter requested it be recorded, that this abuse is mainly from an individual and not reflective of the whole group.</p>	
4.	Noise Monthly reports - Review and acceptance by the PNLC of monthly reports	<p><b>a. PNLC review of Noise complaints received – December, January, and February</b></p> <p>Noise report attached to agenda. Kathryn advised that the main purpose of these reports is to provide the agreed data to council and to show compliance with the reporting requirements of the NMP. Peter suggested this report needs to show the PNLC is investigating complaints properly and what action is being taken. Peter explained what the role of Residents Representative is and that these reports do not help them do this role. Peter gave examples of what could be reported on to bring back to the PNLC, such as the reasons for noise and showing how this has been investigated.</p> <p>Kathryn advised there may be a better way to give PNLC this information. Bob suggested adding another column on the side for actions such as observing video etc. Shannon suggested adding a procedure description at the top to show what is done each time.</p> <p>Matt referred to the Noise Mitigation Plan and advised that the monthly reports that PNL sends to council have often been changed in the past to meet requirement council has asked for. Peter</p>	



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		<p>referred to the Noise Management Plan and read out the PNLC’s role regarding complaints, he believes this part is not being fully complied to.</p> <p>Kathryn advised PNL is recently focusing more on communicating the actions being taken by PNL to address the concerns raised by complaints where practicable, which may not be reflected in the reports going to council, she asked Peter if this was the information he was wanting more of or something else. Kathryn went through an investigation report example and explained what each section is for. Kathryn advised the action taken section is where PNL is trying to improve based on previous feedback from PNLC meetings. Peter advised the information he’s looking for is what are the outcomes which is not on these reports.</p> <p>Matt advised even if the best operator is loading containers and everything goes right, there is going to be some noise. He suggested maybe we need to focus on the noise events where improvement is possible.</p> <p>Colin suggested PNL starting to make some changes on the monthly report for the next three months and the committee to provide feedback each month and review the changes in the next meeting. We also still need to ensure that the report meets the requirements of NCC and our compliance reporting.</p> <p>Peter requested that at the next PNLC meeting to show the sound file at the same time as the video. Kim advised he can show both in the meeting but might not be able to play at the same time as they are from two different systems.</p> <p>Bob queried if PNL are going to show the top 3 investigations with video and sound at the next meeting. Kim/ said we can try to overlap them for the next meeting.</p>	<p>PNL to report back at next PNLC meeting</p>



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5.	Update on acoustic treatment of properties.	<p><b>a. Update on Acoustic Treatment</b> Kim advised of steady progress on acoustic treatment.</p> <p><b>b. Acoustic Assessment in April 2023</b> Kim advised next assessment will be on 24<sup>th</sup> April. Colin advised the plan is to arrange a meeting that Lewis Solomon attends due to questions around the monthly report. Hegley will be in Nelson on 24<sup>th</sup> April. Colin advised Peter they will be advising NEAG of this as well.</p>	PNL to send invite to NEAG and PNLC for a meeting with Hegley on 24 April
6.	What's currently happening on Port - PNL Project update	<p><b>a. Noise Monitoring Upgrade</b> Colin advised PNL has got quotes from 3 different providers about 5 different possible noise monitoring stations. There are internal discussions at PNL about placing one of these monitors in the log yard or on Brunt quay. Colin advised he understands Residents Representatives want a monitor at 70 Queens Road. Matt also noted the rigorous process that had been undertaken at the time in determining the current location as the most appropriate place for the monitor.  Peter and Bob both commented that they believe there would be more noise contamination at the Silo rather than among the residents. Peter requested PNL ask Hegley what would be more accurate.  Kathryn advised that as part of this monitoring upgrade PNL will be collecting more data from more locations in regard to noise generated by the Port and this can then help make the best-informed decisions on whether the additional monitoring locations should be modified. Matt noted the importance of monitors being as close to the source of the noise as possible and in maintaining the silo location to provide that long term data set and trending.  Bob suggested possibly doing a year trial of a monitor at 70 Queens Road. Colin requested that PNL is given some time to discuss with the service providers to get all the data which will be more accurate. Bob questioned how long Colin would need. Colin advised possibly 3 months maximum.  Colin advised PNL, are investigating the software of how to get more data out of the monitors and to provide some of that investigative data to allow for machine learnings.</p>	



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	<p>Bob requested PNL to provide a noise monitoring report at 70 Queens Road in 3 months time. PNL advised that the additional monitor to be installed once the software is ready, and the report will be provided after that.</p> <p><b>b. Port Noise Contour Review</b></p> <p>Colin advised in the update from Hegley, and there are no significant changes from 2018 to now in 2023.</p> <p><b>c. Update on Berthing Operation of Large Vessels (260-270m)</b></p> <p>Matt advised in the coming weeks Port has 2 vessels of around 260m berthing. Matt advised the PNL pilots are creating options to trial with how to berth these vessels in the safest way possible. One option is to berth on starboard side along arrival. The second option is what is currently done where vessels swing in the basin coming to Port side.</p> <p>Matt advised from a clang and bangs perspective; it may be better if the vessel is berthed starboard side-too as the vessel can be berthed further to the north. Matt advised PNL needs to check with Marshall Day to confirm but generator noise is not directional.</p> <p>Matt advised PNL will advise the committee before the trial occurs. Peter requested that Matt takes the discussions from this meeting back to the pilots planning this trial and that there are serious concerns from the resident reps around deviating away from the preferred berthing arrangement set out in the NMP.</p> <p>Colin requested PNLC let PNL do the trial and then come back to the meeting with feedback.</p> <p><b>d. Potential Site Tour – night-time visit</b></p> <p>Colin advised we must wait for a container vessel to be in port and arrange a time to come visit. Come to port at 2200hr and wait for 2 hours.</p>	<p>PNL to arrange Nighttime visit</p>



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7.	Other business	<p><b>a. Next meeting date Wednesday 14th June 2023</b></p> <p>Colin requested we set the meeting time for future PNLC meetings for 2 hours which is more realistic to be able to get through everything that needs to be discussed.</p>	
8.	Next Meeting	<p><b>Wednesday 14<sup>th</sup> June 2023</b></p>	

