



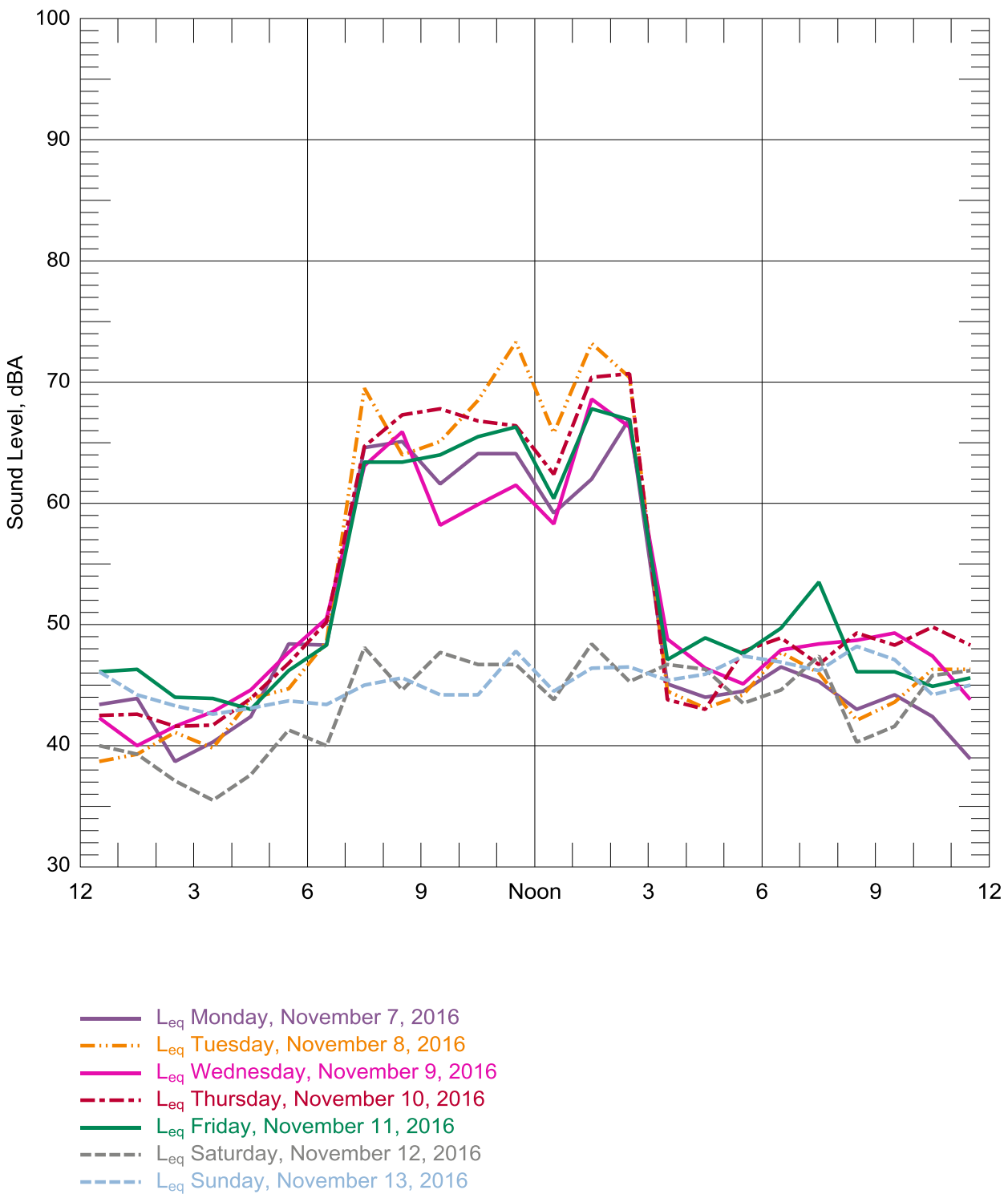
WI #16-085

**Report No. NM2-2**  
**Glenview Elementary – Noise Monitoring**

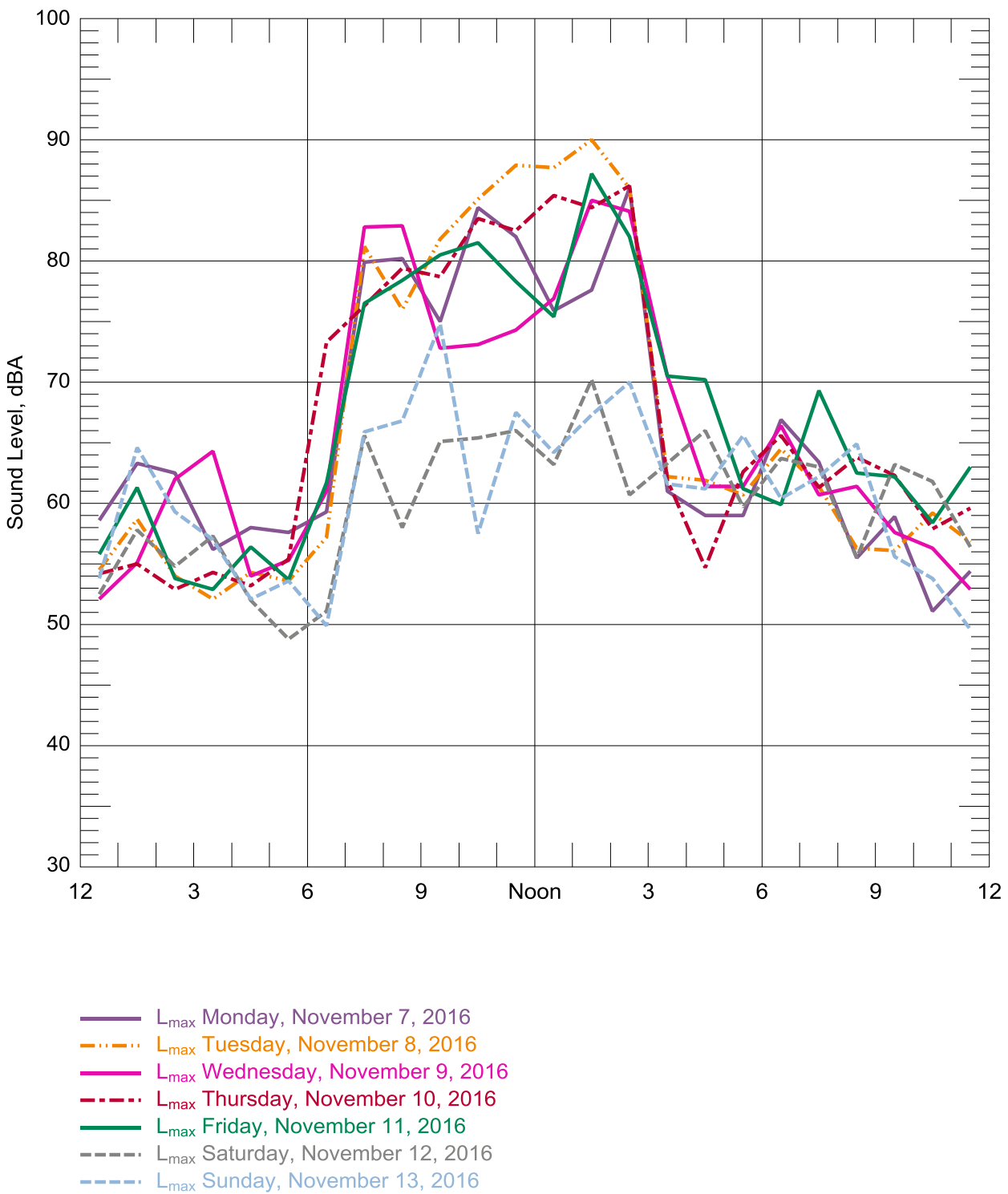
<b>To</b>	Wil Newby, OUSD
<b>Prepared By</b>	Tom Ostrander
<b>Reviewed By</b>	Deborah Jue
<b>Date of Report</b>	November 15, 2016
<b>Location of Monitoring</b>	NM2 – 1541 Wellington backyard
<b>Monitoring Period Covered By Report</b>	Monday, November 7 to Sunday, November 13, 2016
<b>Equipment</b>	Larson Davis 812, Serial No. 784
<b>Construction Activities:</b> This week concluded the hard demo of the auditorium, including the removal of footings and demolition of building in NE corner of property. These footings were broken up in place using pneumatic hammers and were removed using excavators. Other elements of debris were also processed in the upper yard of the school property.	
<b>Comments:</b>	
<u>Hourly 65 dBA Leq noise limit.</u> Noise exceeded the 65 dBA limit during the following:	
<ul style="list-style-type: none"> <li>• Monday, November 7, between 2 and 3 PM</li> <li>• Tuesday, November 8, between 7 and 8 AM and between 9 AM and 3 PM</li> <li>• Wednesday, November 9, between 8 and 9 AM and between 1 and 3 PM</li> <li>• Thursday, November 10, between 8 AM and 12 PM and between 1 and 3 PM</li> <li>• Friday, November 11, between 10 and 12 AM and between 1 and 3 PM</li> </ul>	
Current noise mitigation measures include a 10 ft high sound blanket barrier surrounding the upper yard, noise reducing ear muffs distributed to neighbors, and a daily construction schedule which shifts major demolition activities to start no earlier than 8 AM (whereas construction activities are normally allowed to start at 7 AM). These measures are the best available, reasonable and feasible practices for reducing noise given the project constraints.	
<u>Extreme noise.</u> There were no periods where the Lmax levels exceeded 90 dBA.	
The project complied with the City noise ordinance for over 58% of the work week; the project is providing the best available mitigation measures for those times when the noise exceeds the limits.	



**Figure 1 Area site plan and Noise Monitoring Location**



**Figure 2: Hourly Energy Equivalent Noise Levels - NM2 (Wellington)**



**Figure 3: Hourly Lmax Noise Levels - NM2 (Wellington)**