



November 24, 2020

Mr. Robert Welch  
Engineering Manager  
Public Works Department  
City of Beverly Hills  
345 Foothill Road  
Beverly Hills, CA 90210

Mr. Joseph DeMello  
Director, Construction Manager  
Westside Purple Line Extension Section 1  
Los Angeles County Metropolitan Transportation Authority  
One Gateway Plaza, 17<sup>th</sup> Floor  
Los Angeles, CA 90012

**Subject:** Segment 1 - Purple Line Extension Project ICM Weekly Report  
**November 15, 2020 – November 21, 2020**

Dear Mr. Welch and Mr. DeMello,

Environmental Intelligence, LLC (EI) has been retained by the City of Beverly Hills (COBH) and the Los Angeles County Metropolitan Transportation Authority (Metro) to serve as the independent compliance monitor (ICM) during construction of the Purple Line Extension Project. Monitoring is required to ensure construction is in compliance with the MOA for Contract C1045 of the Purple Line Extension Project – Segment 1 – Between the City of Beverly Hills and the Los Angeles County Metropolitan Transportation Authority (City Agreement No. 66-16). The following information summarizes the ICM monitoring activities that occurred at the Segment 1 site (La Cienega Station site) during the week of **November 15, 2020 – November 21, 2020**. No construction activities were scheduled or monitored on November 15<sup>th</sup>.

Construction activities during the week included: rebar delivery below deck through *Station Access Center* on Wilshire Blvd.; concrete pour within the STS North Gale Yard; transporting equipment and materials from the shaft out of the Gale yard; deliveries of materials to the Gale yard; crane hoisting debris, materials and equipment in/out of the shaft; removing decking and lowering materials below deck on Wilshire Blvd.; equipment maintenance and work below the deck on Wilshire Blvd. EI ICMs were present on site during all construction activities. ICMs conducted routine noise measurements at selected noise monitoring locations as well as compliance checks in accordance with the MOAs and associated attachments, exhibits, traffic closure notifications, and traffic management plans. At the conclusion of each work shift, daily monitoring reports were prepared by the respective ICM. Any violations for that date were also prepared by the ICM then reviewed and submitted to the COBH and Metro by EI's Project Manager.

## **VIOLATION SUMMARY**

During the week, EI ICMs identified no violations during construction activities. Daily monitoring reports and photographs of construction activities are provided as Attachment A (*Daily Monitoring Reports*). Daily noise monitoring data are provided in Attachment B (*Noise Monitoring Data Log*).

Robert Welch  
Joseph DeMello  
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## CONCLUSION

To date, 273 violations have been issued, 19 of which have been rescinded since the beginning of construction on the C1045 Contract for the Purple Line Extension Project – Segment 1. Project construction activities are ongoing and EI ICMs continue to monitor all construction activities applicable to the MOAs on a daily basis.

If you have any questions or comments regarding this letter, please contact me directly at 310.469.8989 or [jeremiahgeorge@enviro-intel.com](mailto:jeremiahgeorge@enviro-intel.com).

Sincerely,

**ENVIRONMENTAL INTELLIGENCE, LLC**

A handwritten signature in black ink, appearing to read "Jeremiah George", enclosed within a simple, hand-drawn oval shape.

Jeremiah George  
Project Manager

**Attachments:** Attachment A: Daily Monitoring Reports  
Attachment B: Noise Monitoring Data Log

**cc:** Nell Mardirosian, Los Angeles County Metropolitan Transportation Authority  
Candace Lee, Los Angeles County Metropolitan Transportation Authority  
Brett Barnett, Psomas  
Bill Zein, Psomas  
Alex Kay, City of Beverly Hills



**Attachment A**  
**Daily Monitoring Reports**  
 11/15/2020 - 11/21/2020



**Summaries (6)**

**Date** Monday, November 16, 2020  
**Monitor** Annamarie Hand  
**Location** La Cienega Station  
**Time** 04:45:00 to 16:00:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: STS; DCD; Dynalectric; Royal Plywood Co.  
 Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas)  
 Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.  
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:45 hours to 16:00 hours on November 13th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.  
 Work for the shift included: Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.  
 Winds >8mph  
 Note: Non-PLE related construction work on N. Gale limited access to noise monitoring locations.

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**Date** Tuesday, November 17, 2020  
**Monitor** Annamarie Hand  
**Location** La Cienega Station  
**Time** 02:45:00 to 16:30:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: STS; DCD; Dynalectric; Cemex  
 Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas)  
 Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.  
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 02:45 hours to 16:30 hours on November 17th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.  
 Work for the shift included: Concrete pour in the STS North Gale Yard; Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.  
 Winds >9mph  
 Note: Non-PLE related construction work on N. Gale limited access to noise monitoring locations.





**Attachment A**  
**Daily Monitoring Reports**  
 11/15/2020 - 11/21/2020



**Date** Wednesday, November 18, 2020

**Monitor** Annamarie Hand

**Location** La Cienega Station

**Time** 04:45:00 to 16:30:00

**Compliant** Yes

**Summary** Contractors/Subcontractors: STS; DCD; Dynalectric; Pacific Steel Group

Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas); George Hernandez (Psomas)

Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.; Wilshire Blvd. EB1,2 / WB 1 from Le Doux Dr. to Tower Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:45 hours to 16:30 hours on November 18th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Station access center for rebar delivery; Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.

Heavy condensation in the morning & Winds >8mph in the afternoon  
 Note: Non-PLE related construction work on N. Gale limited access to noise monitoring locations.

**Date** Thursday, November 19, 2020

**Monitor** Annamarie Hand

**Location** La Cienega Station

**Time** 04:15:00 to 16:30:00

**Compliant** Yes

**Summary** Contractors/Subcontractors: STS; DCD; Dynalectric; Pacific Steel Group

Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas); George Hernandez (Psomas)

Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.; Wilshire Blvd. EB1,2 / WB 1 from Le Doux Dr. to Tower Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:15 hours to 16:30 hours on November 19th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Station access center for rebar delivery; Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.

Winds >10mph  
 Note: Non-PLE related construction work on N. Gale limited access to noise monitoring locations.





**Attachment A**  
**Daily Monitoring Reports**  
 11/15/2020 - 11/21/2020



**Date** Friday, November 20, 2020  
**Monitor** Annamarie Hand  
**Location** La Cienega Station  
**Time** 04:45:00 to 15:30:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: STS; DCD; Dynalectric

Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Tarek Hamdi (Metro); Marvin Mai (Psomas); George Hernandez (Psomas)

Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd. EB 1 Closure on Wilshire Blvd. from Tower Dr. to San Vicente Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:45 hours to 15:30 hours on November 20th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Delivery of materials and equipment; Crane hoisting debris, materials and equipment in/out of the shaft; Transporting equipment and materials from the shaft out of the North Gale yard; Work below the deck on Wilshire Blvd.

Winds >7mph  
 Note: Non-PLE related construction work on N. Gale limited access to noise monitoring locations.

**Date** Saturday, November 21, 2020  
**Monitor** Ben Rosenkoetter  
**Location** La Cienega Station  
**Time** 08:00:00 to 18:00:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: STS; Psomas

Representatives: Gene Higginbotham (Psomas)

Work Location(s): N. Gale Yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB No. 2 Lane for Anomaly Bump-Out

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 08:00 hours to 18:00 hours on November 21st, 2020. EI ICM Ben Rosenkoetter met with STS crews and Gene Higginbotham (Psomas) to discuss the shift's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Carpentry work below the deck on Wilshire Blvd. and traffic control monitoring and maintenance.

Note: The ICM was off-site from 12:00 hours to 15:00 hours.





**Attachment B – Construction Noise Monitoring Results**

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
<b>November 16, 2020</b>					
SLC-7	6:30:00	62.5	64	No	STS is working below the deck on Wilshire Blvd Ambient noise: large truck turning around at closure
SLC-7	7:15:00	59.8	69	No	STS is working below the deck on Wilshire Blvd
SLC-7	7:45:00	62.1	69	No	STS is working below the deck on Wilshire Blvd
SLC-7	8:00:00	60.8	71.7	No	STS forklift is unloading delivered lumber in the North Gale yard
SLC-7	8:30:00	66.8	71.7	No	STS forklift unloading delivered lumber in the North Gale yard Ambient noise: garbage truck
SLC-4/L-9	9:15:00	60	66.5	No	STS is working below the deck on Wilshire Blvd
SLC-1	11:30:00	62.7	65.7	No	STS is working below the deck on Wilshire Blvd Ambient noise: postal truck
<b>November 17, 2020</b>					
SLC-1	4:15:00	52.5	61.6	No	Cemex is pouring concrete in the STS La Cienega yard.
SLC-1	4:45:00	53.1	61.6	No	Cemex is pouring concrete in the STS La Cienega yard.
SLC-1	5:15:00	52.4	62.1	No	Cemex is pouring concrete in the STS La Cienega yard.
SLC-1	7:15:00	61.1	67.1	No	Cemex is pouring concrete in the STS La Cienega yard.
SLC-1	7:45:00	64.6	67.1	No	Cemex is pouring concrete in the STS La Cienega yard.
SLC-1	8:30:00	60.2	68	No	Cemex is pouring concrete in the STS La Cienega yard.
SLC-7	9:30:00	65.1	71.8	No	STS crane is lifting out the man basket from the shaft in the North Gale yard
SLC-7	10:15:00	65.5	71.6	No	STS is working below the deck on Wilshire Blvd
SLC-2	11:15:00	61.2	71.9	No	STS is working below the deck on Wilshire Blvd
<b>November 18, 2020</b>					
SLC-4/L-9	7:00:00	60.1	65.2	N/P	STS crane is lowering delivered rebar through the station access center on Wilshire Blvd at Gale Dr.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-4/L-9	7:45:00	60.8	65.2	No	STS crane is lowering delivered rebar through the station access center on Wilshire Blvd at Gale Dr.
SLC-4/L-9	8:15:00	60.8	67	No	STS crane is lowering delivered rebar through the station access center on Wilshire Blvd at Gale Dr.
SLC-4/L-9	8:45:00	66.6	67	No	STS crane is lowering delivered rebar through the station access center on Wilshire Blvd at Gale Dr.
SLC-1	10:15:00	60	68.1	No	STS crane is lowering delivered rebar through the station access center on Wilshire Blvd at Gale Dr.
SLC-2	11:15:00	59.6	71.9	No	STS crane is lowering delivered rebar through the station access center on Wilshire Blvd at Gale Dr.
<b>November 19, 2020</b>					
SLC-4/L-9	5:15:00	57.8	58	No	STS is setting up the station access center closure on Wilshire Blvd between Tower Dr and Le Doux Dr
SLC-4/L-9	6:15:00	58.8	62.1	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.
SLC-4/L-9	6:45:00	62.7	62.1	N/P	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr. Ambient noise: medical response van with backup alarm
SLC-4/L-9	7:15:00	63.3	65.2	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.
SLC-2	7:45:00	58.3	69	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.
SLC-7	8:30:00	59.2	71.7	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr. STS crane is materials into the shaft in the North Gale yard
SLC-4/L-9	9:15:00	61	66.5	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.
SLC-1	10:15:00	61.3	68.1	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.
SLC-1	11:15:00	62.1	65.7	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
<b>November 20, 2020</b>					
SLC-4/L-9	6:15:00	57.4	62.1	No	STS is working below the deck on Wilshire Blvd
SLC-1	6:45:00	62.7	64.2	No	STS is working below the deck on Wilshire Blvd
SLC-1	7:15:00	63.4	67.1	No	STS is working below the deck on Wilshire Blvd
SLC-1	7:45:00	59.9	67.1	No	STS is working below the deck on Wilshire Blvd
SLC-7	8:30:00	60.9	71.7	No	STS is working below the deck on Wilshire Blvd
SLC-7	9:30:00	60.3	71.8	No	STS is working below the deck on Wilshire Blvd
SLC-7	10:30:00	64.9	71.6	No	STS is working below the deck on Wilshire Blvd
SLC-2	11:30:00	61.1	71.9	No	STS is working below the deck on Wilshire Blvd
<b>November 21, 2020</b>					
SLC-7	8:02:00	60	71.7	No	STS crews operate below deck.
SLC-2	9:09:00	59.7	71.8	No	STS crews operate below deck.