



Environmental  
Intelligence, LLC

January 22, 2019

Mr. Robert Welch  
Project Manager  
City of Beverly Hills  
345 Foothill Road  
Beverly Hills, CA 90210

Mr. Daniel Comorre  
Sr. Director, Construction Management  
Los Angeles County Metropolitan Transportation Authority  
One Gateway Plaza, 17th Floor  
Los Angeles, CA 90012

**Subject:** Segment 2 - Purple Line Extension Project ICM Weekly Report  
**January 13, 2019 – January 19, 2019**

Dear Mr. Welch and Mr. Comorre:

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 that construction is in compliance with (1) the Memorandum of Agreement (MOA) for Southern California Edison's (SCE's) Advance Utilities Relocation Phase of the Purple Line Extension Project – Segment 2 – Between the City of Beverly Hills and the Los Angeles Metropolitan Transportation Authority (City Agreement No. 384-17), (2) the MOA for the Third Party Advance Utility Relocation Phase of the Purple Line Extension Project – Section 2 - Between the City of Beverly Hills and the Los Angeles Metropolitan Transportation Authority (City Agreement No. 648-17) and (3) the Agreement titled "Demolition and Public Right-of-Way Use Permit for the Los Angeles County Metropolitan Transportation Authority and its Contractor to Clear All Buildings and Existing Improvements at 9430 Wilshire Boulevard, Install Noise Monitoring Equipment and Sound Walls for Future Construction and a Laydown Area for the Wilshire/Rodeo Station of Section Two of the Purple Line Extension Project" (Agreement dated June 5th, 2018). The following information summarizes the ICM monitoring activities that occurred at the Segment 2 site (Rodeo Station site) during the week of January 13, 2019 – January 19, 2019. Construction activities were not scheduled on January 13 or 19.

Construction activities during the week included fault investigation boring on the south side of Wilshire Boulevard several meters east of S. McCarty Drive. Most scheduled work activities did not occur as planned due to poor weather conditions. EI ICMs were present during all construction activities and 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 each ICM. Attachment A (*Daily Monitoring Report Summaries*) provides detailed daily monitoring reports and photographs of construction activities. Also note that extreme weather this week prevented or limited noise readings on a number of days.

## **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  
Daniel Comorre  
January 22, 2019

## CONCLUSION

To date, 45 violations have been issued, four (4) of which have been rescinded since the beginning of construction of the Purple Line Extension Project – Segment 2. Project construction activities are ongoing and EI ICMs continue to monitor all construction activities applicable to the MOA 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.

Sincerely,

**ENVIRONMENTAL INTELLIGENCE, LLC**



Jeremiah George  
Project Manager

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

**cc:** Valerie Mudegoren, City of Beverly Hills  
Alexander Cantwell, Los Angeles County Metropolitan Transportation Authority  
Kimberly Wilson, Los Angeles County Metropolitan Transportation Authority  
David Cooper, Los Angeles County Metropolitan Transportation Authority  
Namrata Cariapa, Los Angeles County Metropolitan Transportation Authority  
Stacy Sinclair, Los Angeles County Metropolitan Transportation Authority  
Hank Scheetz, Los Angeles County Metropolitan Transportation Authority  
Brett Barnett, Psomas  
Bill Zein, Psomas  
Farzad Vakilitabar, Psomas  
Alex Kay, City of Beverly Hills



**Attachment A**  
 Daily Monitoring Reports  
 01/13/2019 - 01/19/2019



**Summaries (9)**

**Date** Monday, January 14, 2019  
**Monitor** Yani Pohl  
**Location** Rodeo  
**Time** 07:45:00 to 11:45:00  
**Compliant** N/A  
**Summary** Contractors/Subcontractors: N/A

Representatives On-Site: N/A

Work Location(s): N/A

The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit on January 14th, 2019. EI Project Manager Jeremiah George received confirmation that work for the day was cancelled because of the rain. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

Scheduled work activities did not occur as planned, and the ICM left the site at 11:45 hours.

No runoff was observed while the ICM was on-site.

4 hour minimum for setup.

**Date** Monday, January 14, 2019  
**Monitor** Annamarie Hand  
**Location** Rodeo  
**Time** 19:45:00 to 05:00:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: TPOG; Fugro; Subsurface Surveys; STV; Global ASR; Rincon

Representatives On-Site: Dustin Marlow (Fugro); Daniel Matticks (Subsurface Surveys); Oscar Plascencia (STV); Jesse San Miguel (Global ASR); Devin Dinapoli (Rincon); Shanton Rangi (Metro); Tony Perez (Psomas)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Linden Dr. and S. Roxbury Dr.; S. McCarty Dr. northbound number one right turn lane approaching Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work on January 14th, 2019. EI ICM Annamarie Hand met with Fugro Foreman Dustin Marlow and Metro Inspector Shanton Rangi to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB (to 94.00 dB).

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of S. McCarty Dr.





**Attachment A**  
**Daily Monitoring Reports**  
 01/13/2019 - 01/19/2019



**Date** Tuesday, January 15, 2019  
**Monitor** Yani Pohl  
**Location** Rodeo  
**Time** 07:45:00 to 11:45:00  
**Compliant** N/A  
**Summary** Contractors/Subcontractors: N/A

Representatives On-Site: Luis Garcia (Metro)  
 Work Location(s): N/A

The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit on January 15th, 2019. EI ICM Yani Pohl met with Metro Inspector Luis Garcia and confirmed that work for the day was cancelled because of rain. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

Scheduled work activities did not occur as planned, and the ICM left the site at 11:45 hours.

No runoff was observed while the ICM was on-site.

4 hour minimum for setup.

**Date** Tuesday, January 15, 2019  
**Monitor** Annamarie Hand  
**Location** Rodeo  
**Time** 19:45:00 to 04:30:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: TPOG; Fugro; Subsurface Surveys; STV; Global ASR

Representatives On-Site: Dustin Marlow (Fugro); Daniel Matticks (Subsurface Surveys); Oscar Plascencia (STV); Jesse San Miguel (Global ASR); Shanton Rangji (Metro); Tony Perez (Psomas)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Linden Dr. and S. Roxbury Dr.; S. McCarty Dr. northbound number one right turn lane approaching Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work on January 15th, 2019. EI ICM Annamarie Hand met with Fugro Foreman Dustin Marlow and Metro Inspector Shanton Rangji to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB (to 94.00 dB).

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of S. McCarty Dr.





**Attachment A**  
Daily Monitoring Reports  
01/13/2019 - 01/19/2019



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**Date** Wednesday, January 16, 2019  
**Monitor** Yani Pohl  
**Location** Rodeo  
**Time** 07:45:00 to 11:45:00  
**Compliant** N/A  
**Summary** Contractors/Subcontractors: N/A

Representatives On-Site: Luis Garcia (Metro)  
Work Location(s): N/A

The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit on January 16th, 2019. EI ICM Yani Pohl met with Metro Inspector Luis Garcia and confirmed that work for the day was cancelled because of rain. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

Scheduled work activities did not occur as planned, and the ICM left the site at 11:45 hours.

No runoff was observed while the ICM was on-site.

4 hour minimum for setup.

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**Date** Wednesday, January 16, 2019  
**Monitor** Annamarie Hand  
**Location** Rodeo  
**Time** 19:45:00 to 04:15:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: TPOG; Fugro; Subsurface Surveys; STV; Global ASR

Representatives On-Site: Dustin Marlow (Fugro); Daniel Matticks (Subsurface Surveys); Oscar Plascencia (STV); Jesse San Miguel (Global ASR); Shanton Rangji (Metro); Tony Perez (Psomas)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Linden Dr. and S. Roxbury Dr.; S. McCarty Dr. northbound number one right turn lane approaching Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work on January 16th, 2019. EI ICM Annamarie Hand met with Fugro Foreman Dustin Marlow and Metro Inspector Shanton Rangji to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

It rained periodically throughout the shift.

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of S. McCarty Dr.

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**Attachment A**  
**Daily Monitoring Reports**  
 01/13/2019 - 01/19/2019



**Date** Thursday, January 17, 2019  
**Monitor** Annamarie Hand  
**Location** Rodeo  
**Time** 19:45:00 to 05:15:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Morgner

Representatives On-Site: Dustin Marlow (Fugro); Daniel Matticks (Subsurface Surveys); Oscar Plascencia (STV); Shanton Rangji (Metro); Tony Perez (Psomas); Marcos Zamora (Morgner)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Linden Dr. and S. Roxbury Dr.; S. McCarty Dr. northbound number one right turn lane approaching Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work on January 17th, 2019. EI ICM Annamarie Hand met with Fugro Foreman Dustin Marlow and Metro Inspector Shanton Rangji to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of S. McCarty Dr.

**Date** Friday, January 18, 2019  
**Monitor** Yani Pohl  
**Location** Rodeo  
**Time** 10:45:00 to 14:30:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: LBI

Representatives On-Site: Luis Garcia (Metro); Phil Lattuca (Psomas)

Work Location(s): Ace Gallery at 9430 Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications, TCP for the day's work, and the Ace Gallery Demolition Permit. Work was monitored between 10:45 hours to 14:30 hours on January 18th, 2019. EI ICM Yani Pohl arrived on site at 10:45 and met with Metro Inspector Luis Garcia to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at (93.9) 94.00 dB.

Work for the day included receiving panel deliveries and cutting lumber for installation along the perimeter sound wall in the Ace Gallery yard.

**Date** Friday, January 18, 2019  
**Monitor** Annamarie Hand  
**Location** Rodeo  
**Time** 19:45:00 to 05:00:00  
**Compliant** Yes  
**Summary** Contractors/Subcontractors: Fugro; Subsurface Surveys; STV; Morgner

Representatives On-Site: Dustin Marlow (Fugro); Daniel Matticks (Subsurface Surveys); Oscar Plascencia (STV); Shanton Rangji (Metro); Tony Perez (Psomas); Marcos Zamora (Morgner)

Work Location(s): Wilshire Blvd. eastbound number two and three lanes between S. Linden Dr. and S. Roxbury Dr.; S. McCarty Dr. northbound number one right turn lane approaching Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 19:45 hours to 05:00 hours on January 18th, 2019. EI ICM Annamarie Hand met with Fugro Foreman Dustin Marlow and Metro Inspector Shanton Rangji to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 93.9 (94.00) dB.

Work for the night included fault investigation boring on the south side of Wilshire Blvd. several meters east of S. McCarty Drive.















# Photos

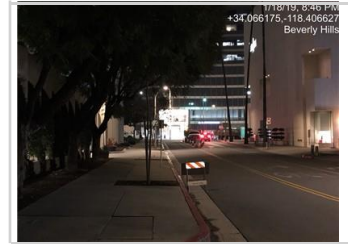


**UID:** 1275  
**Date:** Jan 18, 2019  
**Type:** Pre-Activity

**Latitude:** 34.066123  
**Longitude:** -118.406756  
**Elevation:** - - -

**Notes**

Photo shows Cone Zone setting up the road closure and staging area on S. McCarty Drive and Wilshire Blvd.



**UID:** 1276  
**Date:** Jan 18, 2019  
**Type:** Pre-Activity

**Latitude:** 34.066955  
**Longitude:** -118.406697  
**Elevation:** - - -

**Notes**

Photo shows Fugro Foreman Dustin Marlow setting up the area around the auger drill site.





**Attachment B – Construction Noise Monitoring Results**

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
<b>January 14, 2019</b>					
N2.14	20:00	55.5	62	No	Investigational boring on Wilshire Blvd at S McCarty Dr.
N2.15	20:30	52.3	60	No	Investigational boring on Wilshire Blvd.
N2.14	21:00	53.8	63	No	Crews are setting up sound barriers and trucks are entering the staging area.
N2.15	21:30	52.4	62	No	Crew is setting up the drill on Wilshire.
N2.14	23:00	53.6	61	No	Investigational boring on Wilshire.
N2.15	23:30	54.7	61	No	Investigational boring on Wilshire.
<b>January 15, 2019</b>					
N2.14	0:00	48.4	57	No	Investigational boring on Wilshire.
N2.15	0:30	50.8	56	No	Investigational boring on Wilshire.
N2.14	1:30	48.8	53	No	Investigational boring on Wilshire.
N2.15	2:00	51	54	No	Investigational boring on Wilshire.
N2.15	3:00	52.4	52	No	Investigational boring on Wilshire. Ambient: car with engine having trouble.
N2.14	4:00	47.8	54	No	Crews are beginning to break down the staging area and take down sound panels.
RD-5	8:36	61.3	66	No	Crew leaving Ace Gallery yard. Work stopped due to rain event.
N2.14	21:01	56.2	63	No	Crews are setting up sound panels and lining up the drill.
N2.15	21:30	56.9	62	No	Investigational boring on Wilshire Blvd.
N2.14	22:00	54.3	62	No	Investigational boring on Wilshire Blvd.
N2.14	23:00	61	61	No	Investigational boring on Wilshire. Note: reading was stopped at 10 minutes due to sudden rain.
<b>January 16, 2019</b>					
N2.14	0:00	51.2	57	No	Investigational boring on Wilshire.
N2.15	1:00	50.6	57	No	Investigational boring on Wilshire.
N2.14	2:00	49.1	54	No	Investigational boring on Wilshire.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
N2.14	23:00	53.5	61	No	Investigational boring on Wilshire.
N2.15	23:30	59.8	61	No	Investigational boring on Wilshire; crew is "cleaning" the area by scraping refuse off Wilshire Blvd.
<b>January 17, 2019</b>					
N2.14	0:30	52.3	56	No	Investigational boring on Wilshire.
N2.15	0:30	51.7	56	No	Investigational boring on Wilshire at McCarty.
N2.15	1:00	49.9	47	No	Investigational boring on Wilshire.
N2.14	21:00	58.9	63	No	Investigational boring on Wilshire. Ambient noise: group of citizens talking by the receptor.
N2.15	21:30	56.6	62	No	Investigational boring on Wilshire at S McCarty.
N2.14	22:00	54.5	62	No	Investigational boring on Wilshire at McCarty.
N2.15	22:30	55.1	60	No	Investigational boring on Wilshire at McCarty.
N2.14	23:00	56.1	61	No	Investigational boring on Wilshire at McCarty.
N2.15	23:30	54.9	61	No	Investigational boring on Wilshire at McCarty.
<b>January 18, 2019</b>					
N2.14	0:05	56.1	57	No	Fault investigational boring on Wilshire at McCarty. Ambient noise: cars leaving parking structure; citizens walking dog.
RD-5	0:35	57.7	65	No	Trucks exiting site. LBI crew unloading lumber in Ace Gallery yard.
RD-5	0:54	61.1	65	No	LBI crew moving equipment around Ace Gallery yard.
N2.14	1:00	51.6	57	No	Investigational boring on Wilshire at McCarty.
N2.15	2:00	54.8	54	Yes	Investigational boring on Wilshire at McCarty. Ambient: car engine running caused exceedance.
N2.14	3:00	50.4	52	No	Investigational boring on Wilshire at McCarty.
N2.14	4:00	49.3	54	No	Fault investigational boring on Wilshire at McCarty.
RD-5	11:18	62.5	66	No	LBI unloading lumber from delivery truck at Ace Gallery yard.
RD-7	11:40	75.5	80	No	LBI crew unloading delivery truck in Ace Gallery yard.
RD-4	13:19	69.3	79	No	Trucks entering and exiting Ace Gallery yard.
RD-5	13:42	58	68	No	LBI crew moving plates in Ace Gallery yard.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
N2.15	21:00	55.8	63	No	Fault investigational boring on Wilshire at McCarty.
N2.14	21:30	55	62	No	Fault investigational boring on Wilshire at McCarty.
N2.14	22:00	55.5	62	No	Fault investigational boring on Wilshire at McCarty.
N2.15	22:30	55.8	50	No	Fault investigational boring on Wilshire at McCarty.
N2.14	23:00	54.9	61	No	Fault investigational boring on Wilshire at McCarty.
N2.15	23:30	55.4	61	No	Fault investigational boring on Wilshire at McCarty.
<b>January 19, 2019</b>					
N2.14	0:30	54.5	56	No	Fault investigational boring on Wilshire at McCarty.
N2.15	1:00	54	57	No	Fault investigational boring on Wilshire at McCarty.
N2.15	2:00	52.4	54	No	Fault investigational boring on Wilshire at McCarty.
N2.14	3:00	51.9	52	No	Fault investigational boring on Wilshire at McCarty.
N2.15	4:00	49.3	54	No	Crews are breaking down the staging area and pulling down the sound panels.