



Environmental
Intelligence, LLC

December 30, 2022

Ms. Christine Chung
Associate Project Manager
Public Works Department
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

Mr. Zephaniah Varley
Deputy Executive Officer
Purple Line Extension Section 2
LACMTA

Subject: Segment 2 - Purple Line Extension Project ICM Weekly Report
December 18, 2022 – December 24, 2022

Dear Ms. Chung and Mr. Varley:

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 the "Memorandum of Agreement for Contract C1120 of the Purple Line Extension Project - Between the City of Beverly Hills and the Los Angeles County Metropolitan Transportation Authority" (Final Version 62). The following information summarizes the ICM monitoring activities that occurred at the Segment 2 site (Rodeo Station site) during the week of December 18, 2022 – December 24, 2022.

Construction activities have been temporarily halted between Thanksgiving Day and New Year's Day in accordance with the Holiday Moratorium specified in Article XIII – Allowable Work Hours and Workdays, of the MOA. Project related activities at the site consisted of geotechnical maintenance work and cross passages dewatering system maintenance. EI ICMs conducted sound monitoring and MOA compliance reviews of staging yards and dewatering pump locations. EI ICMs were present during all site 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 Reports*) provides detailed daily monitoring reports and photographs of site activities.

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*).

CONCLUSION

To date, 611 violations have been issued, sixty-two (62) of which have been rescinded since the beginning of construction of the Purple Line Extension Project – Segment 2. Please note, no Violation 261 was ever issued, therefore it is skipped in the numbering sequence and is omitted from this count. Project construction

Christine Chung
Zephaniah Varley
December 30, 2022

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

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

Jeremiah George
Project Manager

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

cc: Carlos Martinez, Los Angeles County Metropolitan Transportation Authority
Anna Noyola, Los Angeles County Metropolitan Transportation Authority
Edgardo Gillera, Los Angeles County Metropolitan Transportation Authority
William Hamilton, City of Beverly Hills
Brett Barnett, Psomas
Bill Zein, Psomas
Keena Marks, Psomas



Attachment A
Daily Monitoring Reports
 12/18/2022 - 12/24/2022



Summaries (13)

Date Monday, December 19, 2022
Monitor Liene Sudduth
Location Rodeo
Time 06:00:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG; COBH
 Representatives On-Site: Luis Garcia (Metro); Jason Johnson (Metro); Paul Palacios (Metro); Alex Kay (COBH).
 Work Location(s): Cannon Yard; Reeves Yard; Within the station below Wilshire Blvd.; Short duration rolling closure on S. Lasky Dr., Spalding Dr. and Charleville Blvd.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 15:00 hours on December 19, 2022. EI ICM Liene Sudduth met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.
 Work for the day included: underground tunnel support work; welding below the deck; work within the yards; setting up and removing short duration rolling road closures; conducting dewatering well maintenance on S. Lasky Dr., and Wilshire Blvd. at Bedford Dr.; and sweeping and cleaning worksites.

Date Monday, December 19, 2022
Monitor Josh Norton
Location Rodeo
Time 14:00:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG.
 Representatives On-Site: N/A
 Work Location(s): Beverly Hills High School at 241 S Moreno Dr, Beverly Hills, CA 90212.
 The ICM was in possession of the Memorandum of Agreement, Noise Control Plan and the Beverly Hills High School Ambient Noise Report (April 2, 2019). EI ICM Josh Norton was on site from 14:00 hours to 15:00 hours on December 19th, 2022. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.
 Work within the adjacent TPOG construction yard included receiving material deliveries; tunnel support activities; hoisting equipment, materials and muck buckets with the crane; and crane operation. ICM Josh Norton took sound readings in the back alley of the Beverly Hills High School bungalows adjacent to the project site. No sound readings were above ambient levels within the duration of the workday. No dust or vibrational issues were documented at the site.





Attachment A

Daily Monitoring Reports

12/18/2022 - 12/24/2022



Date Monday, December 19, 2022

Monitor Josh Norton

Location Rodeo

Time 22:00:00 to 00:00:00

Compliant Yes

Summary Contractors/Subcontractors: TPOG; ASC; Psomas.

Representatives On-Site: Paul Palacios (Metro); Anthony Guzman (Psomas); Rick (TPOG); Miguel (TPOG).

Work Location(s): Canon Yard; moving single lane closures utilized on Wilshire Blvd. between La Cienega and Beverly Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 22:00 hours to 00:00 hours on December 19th, 2022. EI ICM Josh Norton met with Miguel (TPOG) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: setting up road closures; dewatering well maintenance; collecting geotechnical instrument data; geotechnical instrumentation maintenance; removing road closures; and cleaning up traffic equipment.

Date Tuesday, December 20, 2022

Monitor Liene Sudduth

Location Rodeo

Time 06:00:00 to 15:00:00

Compliant Yes

Summary Contractors/Subcontractors: Metro; TPOG; COBH

Representatives On-Site: Alex Kay (COBH); Jose Castio (TPOG)

Work Location(s): Cannon Yard; Reeves Yard; Within the station below Wilshire Blvd.; Short duration rolling closure on eastbound and westbound Wilshire Blvd. between Beverly Dr. and Canon Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 15:00 hours on December 20, 2022. EI ICM Liene Sudduth met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: underground tunnel support work; welding below the deck; work within the yards; setting up and removing short duration rolling road closures; conducting deck panel maintenance on Wilshire Blvd.; uploading construction materials onto truck for haul-away; hoisting construction materials within Reeves yard; and sweeping and cleaning worksites.

Date Tuesday, December 20, 2022

Monitor Annamarie Hand

Location Rodeo

Time 12:00:00 to 13:00:00

Compliant Yes

Summary Contractors/Subcontractors: TPOG

Representatives On-Site: N/A

Work Location(s): Beverly Hills High School at 241 S Moreno Dr, Beverly Hills, CA 90212.

The ICM was in possession of the Memorandum of Agreement, Noise Control Plan and the Beverly Hills High School Ambient Noise Report (April 2, 2019). EI ICM Annamarie Hand was on site from 12:00 hours to 13:00 hours December 20th, 2022. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.

Work within the adjacent TPOG construction yard included receiving material deliveries; tunnel support activities, hoisting muck buckets with crane and crane operation. ICM Annamarie Hand took sound readings in the back alley of the Beverly Hills High School bungalows adjacent to the project site. No sound readings were above ambient levels within the duration of the workday. No dust or vibrational issues were documented at the site.





Attachment A
Daily Monitoring Reports
 12/18/2022 - 12/24/2022



Date Tuesday, December 20, 2022
Monitor Josh Norton
Location Rodeo
Time 22:00:00 to 00:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG; ASC; Psomas.
 Representatives On-Site: Paul Palacios (Metro); Anthony Guzman (Psomas); Rick (TPOG); Miguel (TPOG).
 Work Location(s): Canon Yard; moving single lane closures utilized on Wilshire Blvd. between La Cienega and Beverly Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 22:00 hours to 00:00 hours on December 20th, 2022. EI ICM Josh Norton met with Miguel (TPOG) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.
 Work for the day included: setting up road closures; dewatering well maintenance; collecting geotechnical instrument data; geotechnical instrumentation maintenance; removing road closures; and cleaning up traffic equipment.

Date Wednesday, December 21, 2022
Monitor Liene Sudduth
Location Rodeo
Time 06:00:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG; COBH; American Environmental Testing Laboratory
 Representatives On-Site: Luis Garcia (Metro); Jason Johnson (Metro); Paul Palacios (Metro); Alex Kay (COBH); Fidel Maganda (TPOG); Jose Castio (TPOG)
 Work Location(s): Cannon Yard; Reeves Yard; Within the station below Wilshire Blvd.; Short duration rolling closure on S. Spalding Dr., Lasky Dr.; Charleville Blvd.; Moreno Dr.; and Wilshire Blvd. at Roxbury Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 15:00 hours on December 21, 2022. EI ICM Liene Sudduth met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.
 Work for the day included: underground tunnel support work; welding below the deck; work within the yards; setting up and removing short duration rolling road closures; conducting sample collection on Spalding Dr., on Wilshire Blvd. at Roxbury Dr.; conducting dewatering well maintenance on Spalding Dr.; Lasky Dr., and Charleville Blvd.; and sweeping and cleaning worksites.





Attachment A
Daily Monitoring Reports
 12/18/2022 - 12/24/2022



Date Wednesday, December 21, 2022

Monitor Josh Norton

Location Rodeo

Time 13:45:00 to 15:00:00

Compliant Yes

Summary Contractors/Subcontractors: Metro; TPOG.

Representatives On-Site: N/A

Work Location(s): Beverly Hills High School at 241 S Moreno Dr, Beverly Hills, CA 90212.

The ICM was in possession of the Memorandum of Agreement, Noise Control Plan and the Beverly Hills High School Ambient Noise Report (April 2, 2019). EI ICM Josh Norton was on site from 13:45 hours to 15:00 hours on December 21st, 2022. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.

Work within the adjacent TPOG construction yard included receiving material deliveries; tunnel support activities; hoisting equipment, materials and muck buckets with the crane; and crane operation. ICM Josh Norton took sound readings in the back alley of the Beverly Hills High School bungalows adjacent to the project site. No sound readings were above ambient levels within the duration of the workday. No dust or vibrational issues were documented at the site.

Date Wednesday, December 21, 2022

Monitor Josh Norton

Location Rodeo

Time 22:00:00 to 00:00:00

Compliant Yes

Summary Contractors/Subcontractors: TPOG; ASC; Psomas.

Representatives On-Site: Paul Palacios (Metro); Anthony Guzman (Psomas); Miguel (TPOG).

Work Location(s): Canon Yard; moving single lane closures utilized on Wilshire Blvd. between La Cienega and Beverly Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 22:00 hours to 00:00 hours on December 21st, 2022. EI ICM Josh Norton met with Miguel (TPOG) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: setting up road closures; gas testing; dewatering well maintenance; collecting geotechnical instrument data; geotechnical instrumentation maintenance; removing road closures; and cleaning up traffic equipment.

Date Thursday, December 22, 2022

Monitor Liene Sudduth

Location Rodeo

Time 06:00:00 to 15:00:00

Compliant Yes

Summary Contractors/Subcontractors: Metro; TPOG; COBH

Representatives On-Site: Alex Kay (COBH); Jose Castio (TPOG)

Work Location(s): Cannon Yard; Reeves Yard; Within the station below Wilshire Blvd.;

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 15:00 hours on December 22, 2022. EI ICM Liene Sudduth met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: underground tunnel support work; welding below the deck; work within the yards; and sweeping and cleaning worksites.





Attachment A

Daily Monitoring Reports

12/18/2022 - 12/24/2022



Date Thursday, December 22, 2022
Monitor Josh Norton
Location Rodeo
Time 13:45:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG.
 Representatives On-Site: N/A

Work Location(s): Beverly Hills High School at 241 S Moreno Dr, Beverly Hills, CA 90212.

The ICM was in possession of the Memorandum of Agreement, Noise Control Plan and the Beverly Hills High School Ambient Noise Report (April 2, 2019). EI ICM Josh Norton was on site from 13:45 hours to 15:00 hours on December 22nd, 2022. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.

Work within the adjacent TPOG construction yard included receiving material deliveries; tunnel support activities; hoisting equipment, materials and muck buckets with the crane; and crane operation. ICM Josh Norton took sound readings in the back alley of the Beverly Hills High School bungalows adjacent to the project site. No sound readings were above ambient levels within the duration of the workday. No dust or vibrational issues were documented at the site.

Date Thursday, December 22, 2022
Monitor Josh Norton
Location Rodeo
Time 21:30:00 to 01:00:00
Compliant Yes
Summary Contractors/Subcontractors: TPOG; ASC; Psomas.

Representatives On-Site: Paul Palacios (Metro); Anthony Guzman (Psomas); Miguel (TPOG).

Work Location(s): Canon Yard; moving single lane closures utilized on Wilshire Blvd. between La Cienega and Beverly Dr.; S Lasky Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 21:30 hours on December 22nd, 2022 to 01:00 hours on December 23rd, 2022. EI ICM Josh Norton met with Paul Palacios (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: setting up road closures; gas testing; dewatering well maintenance; collecting geotechnical instrument data; geotechnical instrumentation maintenance; removing road closures; and cleaning up traffic equipment.

Date Friday, December 23, 2022
Monitor Liene Sudduth
Location Rodeo
Time 09:45:00 to 11:45:00
Compliant Yes
Summary Contractors/Subcontractors: Metro; TPOG; COBH

Representatives On-Site: Alex Kay (COBH); Jose Castio (TPOG)

Work Location(s): Cannon Yard; Reeves Yard; Within the station below Wilshire Blvd.; Short duration rolling closure on S. Lasky Dr., Spalding Dr. and Charleville Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 09:45 hours to 11:45 hours on December 23, 2022. EI ICM Liene Sudduth met with Luis Garcia (Metro) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter to 94.00 dB.

Work for the day included: underground tunnel support work; welding below the deck; work within the yards; setting up and removing short duration rolling road closures; conducting dewatering well maintenance on S. Lasky Dr., and Wilshire Blvd. at Bedford Dr.; and sweeping and cleaning worksites.





Photos



Photos (33)

UID: 11992 **Latitude:** 34.06504
Date: Dec 19, 2022 **Longitude:** -118.40983
Type: General **Elevation:** ---

Notes

Photo shows TPOG crew conducting dewatering well maintenance on Charleville Blvd.



UID: 11991 **Latitude:** 34.06631
Date: Dec 19, 2022 **Longitude:** -118.40903
Type: General **Elevation:** ---

Notes

Photo shows TPOG crew conducting dewatering well maintenance on Spalding Dr.



UID: 11993 **Latitude:** 34.06401
Date: Dec 19, 2022 **Longitude:** -118.41007
Type: General **Elevation:** ---

Notes

Photo shows TPOG crew conducting dewatering well maintenance on S. Lasky Dr.



UID: 11983 **Latitude:** 34.065992
Date: Dec 19, 2022 **Longitude:** -118.378494
Type: Construction Activity **Elevation:** ---

Notes

Photo shows TPOG installed TCP for ASC geotechnical work.



UID: 11984 **Latitude:** 34.066058
Date: Dec 19, 2022 **Longitude:** -118.378924
Type: Construction Activity **Elevation:** ---

Notes

Photo shows ASC collecting geotechnical instrumentation data.





Photos



UID: 11987 **Latitude:** 34.060833
Date: Dec 19, 2022 **Longitude:** -118.412574
Type: General **Elevation:** ---

Notes

Photo shows TPOG cranes hoisting equipment within Constellation Yard.



UID: 11988 **Latitude:** 34.070901
Date: Dec 19, 2022 **Longitude:** -118.412699
Type: Construction Activity **Elevation:** ---

Notes

Photo shows TPOG crane hoisting materials inside Constellation Yard.



UID: 11986 **Latitude:** 34.066211
Date: Dec 20, 2022 **Longitude:** -118.380274
Type: Construction Activity **Elevation:** ---

Notes

Photo shows ASC geotechnical instrumentation.



UID: 11985 **Latitude:** 34.066164
Date: Dec 20, 2022 **Longitude:** -118.380160
Type: Construction Activity **Elevation:** ---

Notes

Photo shows TPOG rolling TCP for geotechnical maintenance.



UID: 11982 **Latitude:** 34.061165
Date: Dec 20, 2022 **Longitude:** -118.412693
Type: Construction Activity **Elevation:** ---

Notes

Photo shows TPOG conducting tunnel support activities in the construction yard.



UID: 11981 **Latitude:** 34.060233
Date: Dec 20, 2022 **Longitude:** -118.412218
Type: Construction Activity **Elevation:** ---

Notes

Photo shows TPOG conducting tunnel support activities in the construction yard.





Photos



UID: 12006 **Latitude:** 34.066554
Date: Dec 21, 2022 **Longitude:** -118.381302
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows TPOG TCP along EB Wilshire Blvd. for ASC geotechnical work.



UID: 12007 **Latitude:** 34.060833
Date: Dec 22, 2022 **Longitude:** -118.412696
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows TPOG cranes hoisting materials and equipment inside Constellation Yard.



UID: 12008 **Latitude:** 34.060522
Date: Dec 22, 2022 **Longitude:** -118.411992
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows TPOG crane hoisting materials inside Constellation Yard.



UID: 12016 **Latitude:** 34.065715
Date: Dec 22, 2022 **Longitude:** -118.377147
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows ASC taking gas readings.



UID: 12004 **Latitude:** 34.06686
Date: Dec 22, 2022 **Longitude:** -118.39826
Type: General **Elevation:** ---

Notes
 Photo shows Reeves yard with crews working below the deck.



UID: 12009 **Latitude:** 34.06687
Date: Dec 22, 2022 **Longitude:** -118.39824
Type: General **Elevation:** ---

Notes
 Photo shows Reeves yard with crews working below the deck.





Photos



UID: 12015 **Latitude:** 34.064122
Date: Dec 23, 2022 **Longitude:** -118.410051
Type: Construction Activity **Elevation:** ---

Notes

Photo shows TPOG/ASC accessing geotechnical monitoring location along S. Lasky Dr.



UID: 12010 **Latitude:** 34.06629
Date: Dec 23, 2022 **Longitude:** -118.40896
Type: General **Elevation:** ---

Notes

Photo shows dewatering well maintenance on Spalding Dr.



UID: 12012 **Latitude:** 34.06508
Date: Dec 23, 2022 **Longitude:** -118.40988
Type: General **Elevation:** ---

Notes

Photo shows dewatering well maintenance on Charleville Blvd.



UID: 12013 **Latitude:** 34.06495
Date: Dec 23, 2022 **Longitude:** -118.40983
Type: General **Elevation:** ---

Notes

Photo shows dewatering well maintenance on Charleville Blvd.





Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
December 19, 2022					
RD-10	11:20	61.6	73	No	Ventilation system for underground tunnel is operating from Canon yard.
LT-4	14:04	61.4	72	No	Generator for dewatering system is operating on Spalding Dr.
LT-3	14:22	64.9	72	No	Generator for dewatering system is operating on S. Lasky Dr.
LT-1	14:41	61.4	71	No	Generator for dewatering system is operating on S. Moreno Dr.
December 20, 2022					
RD-10	9:26	66.4	74	No	Ventilation system for underground tunnel is operating feom Canon yard. Ambient noise: landscape work and delivery trucks with back-up alarms on S. Canon Dr.
December 21, 2022					
LT-1	10:55	60.4	67	No	Generator for dewatering system is operating on S. Moreno Dr.
LT-3	11:15	64.3	72	No	Generator for dewatering system is operating on S. Lasky Dr.
LT-4	11:33	60.3	74	No	Generator for dewatering system is operating on Spalding Dr.
December 22, 2022					
RD-10	9:40	62.4	74	No	Ventilation system for underground ventilation system is operating from Canon yard.