



Environmental
Intelligence, LLC

November 29, 2022

Ms. Christine Chung
Associate Project 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, 17th Floor
Los Angeles, CA 90012

Subject: Segment 1 - Purple Line Extension Project ICM Weekly Report
November 20, 2022 – November 26, 2022

Dear Ms. Chung 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 20, 2022 – November 26, 2022.

Construction activities during the week included: receiving concrete deliveries; pouring concrete within the La Cienega yard and K-rail closure; installing deck beams, CMU, conduit and rebar; hauling spoils, debris containers and beams from the site; hoisting machinery, materials and debris into and out of the tunnel from the Gale yard and the station access closure on Wilshire Blvd.; receiving materials deliveries; transporting machinery and materials throughout the site; working below deck and within the appendages; cleaning and clearing debris from the site. 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*).

Christine Chung
Joseph DeMello
November 29, 2022

CONCLUSION

To date, 327 violations have been issued, 30 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.

Sincerely,

ENVIRONMENTAL INTELLIGENCE, LLC

A handwritten signature in black ink, appearing to read "Jeremiah George", enclosed within a large, loopy oval flourish.

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
William Hamilton, City of Beverly Hills
Kanna Vancheswaran, Psomas
Brett Barnett, Psomas



Attachment A
Daily Monitoring Reports
 11/20/2022 - 11/26/2022



Summaries (6)

Date Monday, November 21, 2022
Monitor Annamarie Hand
Location La Cienega Station
Time 04:30:00 to 14:30:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Century Sweeping; Dynaelectric; JNA; ECA; PSG; Rascom; California Testing & Inspection; SLC Transport
 Representatives: Thomas Wukadinovich (STS); Walter Sanchez (STS); YC Heish (Metro); Alex Kay (COBH); Tarek Hamdi (Metro); Charlie Briceno (Psomas)
 Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. WB 1,2 K-Rail closure; Wilshire Blvd. WB Shoulder Gale Dr. to Hamilton Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:30 hours to 14:30 hours November 21st, 2022. EI ICM Annamarie Hand met with Thomas Wukadinovich (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: Installation of CMU, conduit, and rebar; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the Gale yard and from the station access in the appendage bump-out closure; Deliveries of materials; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closure; Work below deck and in the appendage; General cleaning and clearing of debris from the appendage, closures, yards, and below the deck on Wilshire Blvd.

Date Monday, November 21, 2022
Monitor Josh Norton
Location La Cienega Station
Time 14:15:00 to 00:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Psomas; Cemex; Metro.
 Representatives: Walter Sanchez (STS); Dan McMahon (STS); Thomas Wukadinovich (STS); Alex Kay (COBH); Anthony Guzman (Psomas); Hailey Hathaway (Psomas); Charlie Briceno (Psomas).
 Work Location(s): La Cienega Yard; N. Gale yard; N Gale closure; Wilshire Blvd. appendage; 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 14:15 hours to 00:00 on November 21st, 2022. EI ICM Josh Norton met with Thomas Wukadinovich (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: Removing TCP; Receiving concrete deliveries; Pouring concrete inside La Cienega Yard; Hoisting debris and materials in/out of the tunnel in the Gale yard; Transportation of materials in the North Gale yard; Refueling equipment; Hauling materials off site; Work below deck on Wilshire Blvd.; General cleaning in the North Gale yard and below the deck on Wilshire Blvd.





Attachment A
Daily Monitoring Reports
 11/20/2022 - 11/26/2022



Date Tuesday, November 22, 2022
Monitor Annamarie Hand
Location La Cienega Station
Time 04:30:00 to 14:30:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Century Sweeping; Dynalectric; DCD; JNA; ECA; PSG; Rascom; California Testing & Inspection; Caliche Trucking; AD Trucking; Chido Trucking

Representatives: Thomas Wukadinovich (STS); Walter Sanchez (STS); YC Heish (Metro); Alex Kay (COBH); Tarek Hamdi (Metro); Charlie Briceno (Psomas)

Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. WB 1,2 K-Rail closure; Wilshire Blvd. WB Shoulder Gale Dr. to Hamilton Dr.; Wilshire Blvd. WB 2 San Vicente Blvd. to Gale Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:30 hours to 14:30 hours November 22nd, 2022. EI ICM Annamarie Hand met with Walter Sanchez (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: Installation of CMU, deck beams, conduit, and rebar; Hauling out spoils, debris containers, and beams; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the Gale yard; Deliveries of rebar and materials; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closure; Work below deck and in the appendages; General cleaning and clearing of debris from the appendages, closures, yards, and below the deck on Wilshire Blvd.

Date Tuesday, November 22, 2022
Monitor Josh Norton
Location La Cienega Station
Time 14:15:00 to 00:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Psomas; Metro.

Representatives: Thomas Wukadinovich (STS); Charlie Briceno (Psomas).

Work Location(s): La Cienega Yard; N. Gale yard; N Gale closure; Wilshire Blvd. appendage; Wilshire Blvd. WB 2 between San Vincente and Hamilton Dr.; 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 14:15 hours to 00:00 on November 22nd, 2022. EI ICM Josh Norton met with Thomas Wukadinovich (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: Removing TCP; Installing K-Rail; Hoisting debris and materials in/out of the tunnel in the Gale yard; Transportation of materials in the North Gale yard; Refueling equipment; Hauling materials off site; Work below deck on Wilshire Blvd.; General cleaning in the North Gale yard and below the deck on Wilshire Blvd.





Attachment A
Daily Monitoring Reports
 11/20/2022 - 11/26/2022



Date Wednesday, November 23, 2022
Monitor Annamarie Hand
Location La Cienega Station
Time 03:30:00 to 12:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Century Sweeping; Dynalectric; JNA; ECA; PSG; Rascom; CTI; Cemex; SLC Transport
 Representatives: Thomas Wukadinovich (STS); Walter Sanchez (STS); Mike Boice (CTI); YC Heish (Metro); Alex Kay (COBH); Tarek Hamdi (Metro); Charlie Briceno (Psomas)
 Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. WB 1,2 K-Rail closure; Wilshire Blvd. WB Shoulder Gale Dr. to Hamilton Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 03:30 hours to 12:00 hours November 23rd, 2022. EI ICM Annamarie Hand met with Edgar Solis (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 for the emergency staircase in the in k-rail closure; Installation of CMU, deck beams. conduit, and rebar; Removing beams; Deliveries of materials; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the Gale yard; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closure; Work below deck and in the appendages; General cleaning and clearing of debris from the appendages, closures, yards, and below the deck on Wilshire Blvd.

Date Wednesday, November 23, 2022
Monitor Josh Norton
Location La Cienega Station
Time 11:45:00 to 20:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Psomas; Metro.
 Representatives: Mark Threats (Metro); Alex Kay (COBH).
 Work Location(s): N. Gale 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 11:45 hours to 20:00 on November 23rd, 2022. EI ICM Josh Norton met with an STS laborer 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: Hoisting debris and materials in/out of the tunnel in the Gale yard; Transportation of materials in the North Gale yard; Refueling equipment; Hauling materials off site; Work below deck on Wilshire Blvd.; General cleaning in the North Gale yard and below the deck on Wilshire Blvd.





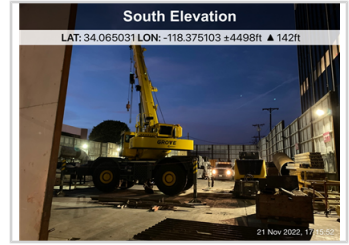
Photos



Photos (22)

UID: 8778 **Latitude:** 34.065031
Date: Nov 21, 2022 **Longitude:** -118.375103
Type: General **Elevation:** ---

Notes
 Photo shows STS mechanics within La Cienega Yard.



UID: 8777 **Latitude:** 34.064117
Date: Nov 21, 2022 **Longitude:** -118.375122
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows STS crane active within Gale Yard.



UID: 8768 **Latitude:** 34.065317
Date: Nov 21, 2022 **Longitude:** -118.374249
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows STS cleaning the area around the muck pile in the North Gale yard.



UID: 8766 **Latitude:** 34.06479
Date: Nov 21, 2022 **Longitude:** -118.374357
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows STS removing beams from the excavated appendage in the North Gale yard closure on Wilshire Blvd.



UID: 8769 **Latitude:** 34.064702
Date: Nov 21, 2022 **Longitude:** -118.373961
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows STS working in the k-rail closure on Wilshire Blvd. between Gale Dr. and Tower Dr.





Photos



UID: 8767 **Latitude:** 34.065287
Date: Nov 21, 2022 **Longitude:** -118.374114
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS unloading delivered materials in the North Gale yard closure on Gale Dr.



UID: 8765 **Latitude:** 34.065712
Date: Nov 21, 2022 **Longitude:** -118.375931
Type: Construction Activity **Elevation:** ---

Notes

Photo shows Cemex pouring concrete in the STS La Cienega yard.



UID: 8771 **Latitude:** 34.064377
Date: Nov 22, 2022 **Longitude:** -118.373395
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane lifting out a debris skip from the station access in the bump out closure on Wilshire Blvd. at Tower Dr.



UID: 8773 **Latitude:** 34.064785
Date: Nov 22, 2022 **Longitude:** -118.374338
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS working in the excavated appendage in the North Gale yard closure.



UID: 8772 **Latitude:** 34.064318
Date: Nov 22, 2022 **Longitude:** -118.373123
Type: Construction Activity **Elevation:** ---

Notes

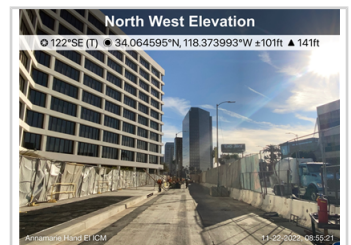
Photo shows STS crane lifting out debris from the station access in the bump out closure on Wilshire Blvd. at Tower Dr.



UID: 8774 **Latitude:** 34.064709
Date: Nov 22, 2022 **Longitude:** -118.37396
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS working in the k-rail closure on Wilshire Blvd. between Gale Dr. and Tower Dr.





Photos



UID: 8770 **Latitude:** 34.065134
Date: Nov 22, 2022 **Longitude:** -118.374032
Type: Construction Activity **Elevation:** ---

Notes

Photo shows haul trucks staged in the STS North Gale yard closure on Gale Dr.



UID: 8775 **Latitude:** 34.065333
Date: Nov 22, 2022 **Longitude:** -118.374246
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS front loader mixing spoils with clean dirt in the North Gale yard.



UID: 8780 **Latitude:** 34.064742
Date: Nov 22, 2022 **Longitude:** -118.375344
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS removing Wilshire Blvd. TCP.



UID: 8785 **Latitude:** 34.064148
Date: Nov 22, 2022 **Longitude:** -118.374502
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane active inside Gale Yard.



UID: 8779 **Latitude:** 34.064637
Date: Nov 22, 2022 **Longitude:** -118.374289
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS forklift transporting materials to Wilshire Blvd. appendage.



UID: 8783 **Latitude:** 34.065288
Date: Nov 23, 2022 **Longitude:** -118.374048
Type: Construction Activity **Elevation:** ---

Notes

Photos show STS transporting hi-lite in the North Gale yard closure.





Photos



UID: 8782 **Latitude:** 34.065324
Date: Nov 23, 2022 **Longitude:** -118.374241
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS conducting general housekeeping activities in the North Gale yard.



UID: 8784 **Latitude:** 34.064684
Date: Nov 23, 2022 **Longitude:** -118.374592
Type: Construction Activity **Elevation:** ---

Notes

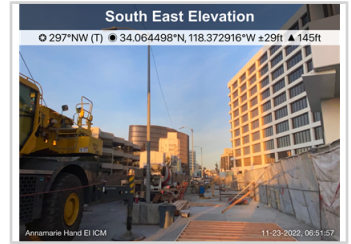
Photo shows STS receiving a delivery of materials in the North Gale yard.



UID: 8781 **Latitude:** 34.064439
Date: Nov 23, 2022 **Longitude:** -118.372783
Type: Construction Activity **Elevation:** ---

Notes

Photo shows Cemex pouring concrete for the emergency staircase in the STS k-rail closure on Wilshire Blvd at Tower Dr.



UID: 8786 **Latitude:** 34.064637
Date: Nov 23, 2022 **Longitude:** -118.374225
Type: General **Elevation:** ---

Notes

Photo shows STS Gale Yard.



UID: 8787 **Latitude:** 34.064997
Date: Nov 23, 2022 **Longitude:** -118.373678
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane hoisting materials through Gale Yard shaft.





Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
November 21, 2022					
SLC-7	8:30	61.5	71.7	No	STS is unloading delivered materials in the North Gale yard closure on Gale Dr.
SLC-4/L-9	15:17	59.2	67	No	STS crane active inside Gale Yard.
SLC-1	16:56	57.9	67.6	No	STS crane active within Gale Yard.
SLC-2	18:11	61.4	65.5	No	STS crane hoists materials inside Gale Yard.
SLC-2	20:40	56.5	68	No	STS active underground.
SLC-1	21:56	57.3	67	No	STS crane active inside Gale Yard.
November 22, 2022					
SLC-2	15:33	59.2	72.3	No	STS crane active inside Gale Yard.
SLC-3	16:42	57.9	66.5	No	STS active within Gale Yard.
SLC-4/L-9	18:55	59.6	65.3	No	STS active underground.
SLC-4/L-9	20:07	58	63	No	STS crane active inside Gale Yard.
November 23, 2022					
SLC-4/L-9	12:39	58.3	65.9	No	STS crane active inside Gale Yard.
SLC-1	14:40	62.8	66.5	No	STS active underground. - Ambient noise: engine idling.
SLC-4/L-9	16:36	58.9	66.5	No	STS active underground.