

March 3, 2023

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

February 19, 2023 – February 25, 2023

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 February 12, 2023 – February 18, 2023.

Construction activities during the week included: installing base materials through the station access on Wilshire Blvd.; placing concrete and CMB within the staging yards and within appendage AB/AC; receiving rebar deliveries through the station access on Wilshire Blvd.; excavating within the appendages; hauling spoils and concrete debris for off-site disposal; dewatering at the track level; excavating the SCE duct bank within the La Cienega yard and on Hamilton Dr.; installing fireproofing, CMU, GVM and conduit; 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. Please note that noise readings throughout this week were limited due to the continuous rain events through this monitoring period.

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*).

CONCLUSION

To date, 343 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

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



Daily Monitoring Reports 2/19/2023 - 2/25/2023



Summaries (10)

Date Tuesday, February 21, 2023

Monitor Annamarie Hand
Location La Cienega Station
Time 04:45:00 to 16:30:00

Compliant Yes

Summary Contractors/Subcontractors: STS; Century Sweeping; Dynalectric; PSG; Rascom; CTI; UMEC; ECA; PCI; Traxx Construction; Cor-Ray Painting;

FINNCO; JNA

Representatives: Thomas Wukadinovich (STS); YC Heish (Metro); Alex Kay (COBH); German Garcia (Metro); Adnan Aldwir (Psomas); Mike Boice

(CTI)

Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB/ WB 1 K-Rail closure; Wilshire Blvd.; Wilshire Blvd. EB/ 3 from La Cienega Blvd. to Toure Dr.

Wilshire Blvd.; Wilshire Blvd. Full – South Hamilton; Wilshire Blvd. EB 2 from La Cienega Blvd. 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 February 21st, 2023. EI ICM Annamarie Hand met with Thomas Wukadinovich (STS) to discuss the shift's activities. At beginning of the shift, the

ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Excavation of the duct bank; Dewatering at track level; Installation of CMU, fire pipes, wire mesh, and conduit; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the North Gale and La Cienega yards; Deliveries of rebar; embeds, damper frames, fire pipes, pallets of sewer blocks, and miscellaneous materials; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closures; Work below the deck, excavated appendages, and in k-rail closures; General cleaning and clearing of debris from the appendage, closures, yards, and below the deck on Wilshire Blvd.

Date Tuesday, February 21, 2023

Monitor Daniel Chang
Location La Cienega Station
Time 17:30:00 to 20:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS.

Representatives: N/A.

Work Location(s): 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 17:30 hours to 20:00 hours February 21st, 2023. EI ICM Daniel Chang 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 materials through Gale yard shaft with the crane; lowering materials through Gale yard shaft; and work below

deck.





Daily Monitoring Reports 2/19/2023 - 2/25/2023



Date Wednesday, February 22, 2023

Monitor
Daniel Chang
Lacation
La Cienega Station

Location 01:30:00 to 03:00:00

Time 01:30:00 to 03:00:0

Compliant Yes

Summary

Contractors/Subcontractors: STS.

Representatives: N/A.

Work Location(s): N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd between Le Doux Rd. & S. Hamilton Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 01:30 hours to 03:00 hours February 22nd, 2023. EI ICM Daniel Chang 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: set up and take down of TCP; opening decking; set up and take down of decking safety equipment; hoisting equipment through decking; hoisting materials through Gale yard shaft with the crane; lowering materials through Gale yard shaft; and work below deck.

Date Wednesday, February 22, 2023

MonitorAnnamarie HandLocationLa Cienega StationTime04:45:00 to 16:30:00

Compliant Yes

Summary Co

Contractors/Subcontractors: STS; Century Sweeping; Dynalectric; PSG; Rascom; CTI; UMEC; ECA; PCI; Traxx Construction; Cor-Ray Painting; FINNCO; JNA; Cemex; LEC Lopez; National Concrete Washout

Representatives: Thomas Wukadinovich (STS); YC Heish (Metro); Alex Kay (COBH); German Garcia (Metro); Charlie Briceno (Psomas); Mike Boice (CTI); Hailey Hathaway (Psomas)

Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB/ WB 1 K-Rail closure; Wilshire Blvd.; Wilshire Blvd. Full – South Hamilton; Wilshire Blvd. EB 2 from La Cienega Blvd. 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 February 22nd, 2023. EI ICM Annamarie Hand met with Thomas Wukadinovich (STS) to discuss the shift's activities. At beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Base material placement through the station access on Wilshire Blvd. at S. Gale Dr. Concrete placement in the La Cienega yard; Excavation of the appendages in the k-rail closures on Wilshire Blvd. between La Cienega Blvd and Gale Dr.; Excavation of the duct bank; Dewatering at track level; Installation of CMU, fire pipes, wire mesh, and conduit; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the North Gale and La Cienega yards; Deliveries of miscellaneous materials; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closures; Work below the deck, excavated appendages, and in k-rail closures; General cleaning and clearing of debris from the appendage, closures, yards, and below the deck on Wilshire Blvd.





Daily Monitoring Reports 2/19/2023 - 2/25/2023



Wednesday, February 22, 2023 Date

Daniel Chang Monitor La Cienega Station Location

17:30:00 to 20:00:00 Time

Yes Compliant

Contractors/Subcontractors: STS. Summary

Representatives: N/A.

Work Location(s): 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 17:30 hours to 20:00 hours February 22nd, 2023. EI ICM Daniel Chang 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 materials through Gale yard shaft with the crane; lowering materials through Gale yard shaft; and work below

Thursday, February 23, 2023 **Date**

Monitor **Daniel Chang**

Location La Cienega Station Time 01:30:00 to 05:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS; Psomas; PSG Pacific Steel.

Representatives: Charlie Briceno (Psomas).

Work Location(s): N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd between Le Doux Rd. & S. Hamilton Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 01:30 hours to 05:00 hours on February 23rd, 2023. EI ICM Daniel Chang 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: set up and take down of TCP; opening decking; set up and take down of decking safety equipment; setting up crane; rebar delivery; materials delivery; lowering materials underground through decking; and work below deck.





Daily Monitoring Reports 2/19/2023 - 2/25/2023



Date Thursday, February 23, 2023

Monitor Annamarie Hand
Location La Cienega Station
Time 04:45:00 to 16:30:00

Compliant

Yes

Summary

Contractors/Subcontractors: STS; Century Sweeping; Dynalectric; PSG; Rascom; CTI; UMEC; ECA; PCI; Traxx Construction; Cor-Ray Painting; FINNCO; JNA; Cemex; LKC; Link Nielsen; Associated Concrete

Representatives: Thomas Wukadinovich (STS); YC Heish (Metro); Alex Kay (COBH); German Garcia (Metro); Charlie Briceno (Psomas); Mike Boice (CTI); Hailey Hathaway (Psomas)

Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB/ WB 1 K-Rail closure

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:30 hours to 16:30 hours February 23rd, 2023. EI ICM Annamarie Hand met with Thomas Wukadinovich (STS) to discuss the shift's activities. At beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Placement of concrete in the La Cienega yard; Placement of CBM in the North Gale yard; Dewatering at track level; Installation of CMU, fire pipes, and conduit; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the North Gale and La Cienega yards; Deliveries of CMU and miscellaneous materials; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closures; Work below the deck, excavated appendages, and in k-rail closures; General cleaning and clearing of debris from the appendage, closures, yards, and below the deck on Wilshire Blvd.

Note: Precipitation occurred intermittently through the morning.

Date Thursday, February 23, 2023

MonitorDaniel ChangLocationLa Cienega StationTime17:30:00 to 20:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS.

Representatives: N/A.

Work Location(s): 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 17:30 hours to 20:00 hours February 23rd, 2023. EI ICM Daniel Chang 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 materials through Gale yard shaft with the crane; lowering materials through Gale yard shaft; and work below deck.





Daily Monitoring Reports 2/19/2023 - 2/25/2023



Date Friday, February 24, 2023

Monitor Annamarie Hand
Location La Cienega Station
04:45:00 to 16:15:00

Compliant

Time

t ^{Yes}

Summary

Contractors/Subcontractors: STS; Century Sweeping; Dynalectric; PSG; Rascom; CTI; UMEC; ECA; PCI; Traxx Construction; Cor-Ray Painting; FINNCO; JNA; Cemex; LKC; Link Nielsen; Associated Concrete

Representatives: Thomas Wukadinovich (STS); YC Heish (Metro); Alex Kay (COBH); German Garcia (Metro); Charlie Briceno (Psomas); Mike Boice (CTI); Hailey Hathaway (Psomas)

Work Location(s): N. Gale Dr. closure; N. Gale yard; La Cienega yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB/ WB 1 K-Rail closure

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 04:45 hours to 16:15 hours February 24th, 2023. EI ICM Annamarie Hand met with Thomas Wukadinovich (STS) to discuss the shift's activities. At beginning of the shift, the ICM calibrated the noise meter at 94.00 dB.

Work for the shift included: Placement of concrete in appendage AB/AC; Placement of grout in the North Gale yard; Dewatering at track level; Installation of CMU, fire pipes, and conduit; Hoisting machinery, debris, materials and equipment in/out of the tunnel in the North Gale and La Cienega yards; Deliveries of miscellaneous materials; Transportation of machinery and materials in the North Gale yard, North Gale yard closure, and k-rail closures; Work below the deck, excavated appendages, and in k-rail closures; General cleaning and clearing of debris from the appendage, closures, yards, and below the deck on Wilshire Blvd.

Note: Precipitation occurred throughout the shift.

Date Friday, February 24, 2023

MonitorDaniel ChangLocationLa Cienega StationTime17:30:00 to 20:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS.

Representatives: N/A.

Work Location(s): 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 17:30 hours to 20:00 hours February 24th, 2023. EI ICM Daniel Chang 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 materials through Gale yard shaft with the crane; lowering materials through Gale yard shaft; and work below deck.

Note: Heavy rainstorm.





34.064329



Photos (31)

UID: 9421 Date: Feb 21, 2023 Construction Activity Type:

Longitude: -118.373176

Elevation:

Latitude:

Notes

Photo shows STS unloading delivered materials in the closure on Wilshire Blvd. at Tower Dr.

UID: 9420 Date: Feb 21, 2023 Construction Activity Type:

34.065317 Latitude: -118.374238 Longitude:

Elevation:

Notes

Photo shows STS crane transporting struts in the North Gale yard.



UID: 9419 Feb 21, 2023 Date: Construction Activity Type:

Latitude: 34.064741 -118.375091 Longitude:

Elevation:

Photo shows Traxx Construction excavating from the existing duct bank



UID: 9422 Date: Feb 21, 2023 Construction Activity Type:

Latitude: 34.064855 Longitude: -118.375294

Elevation:

Notes

STS k-rail closure on Wilshire Boulevard.



UID: 9423 Feb 21, 2023 Date: Construction Activity Type:

Latitude: 34.064728 Longitude: -118.374678

Elevation:

Notes

Crane operating in Gale Yard.









UID:

Date: Feb 22, 2023

Type: Construction Activity

Notes

STS k-rail closure.

34.064811 Latitude: Longitude: -118.375368

Elevation:



UID: 9432

Feb 22, 2023 Date:

Construction Activity Type:

Notes

Crane operating in Gale Yard.

Latitude: 34.064789 Longitude: -118.375056

34.064623

-118.37422

34.064701

-118.374514

Elevation:

Latitude:

Longitude:

Elevation:

Latitude:

Longitude:

Elevation:



UID: 9428

Date: Feb 22, 2023

Type: Construction Activity

Notes

 $Photo \ shows \ STS \ loading \ spoils \ from \ the \ excavated \ appendage \ in \ the \ k-rail \ closure \ on \ Wilshire \ Blvd. \ at \ Gale \ Dr.$



UID: 9426

Feb 22, 2023 Date:

Construction Activity Type:

Photo shows a placement of base materials through the station access on Wilshire Blvd. at S. Gale Dr.



UID: 9424

Date: Feb 22, 2023

Construction Activity Type:

Notes

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

Latitude: 34.06576 Longitude: -118.376024

Elevation:



UID: 9425

Notes

Feb 22, 2023 Date:

Construction Activity Type:

Longitude: -118.375248 Elevation:

34.064783

Latitude:

Photo shows Traxx Construction excavating from the existing duct bank in the S. Hamilton Dr. closure.









UID: 9427

Date: Feb 22, 2023

Type: Construction Activity

Notes

Photo shows Cemex trucks staged in the STS North Gale yard closure.

Latitude: 34.064766 **Longitude:** -118.374015

Elevation: - - -



UID: 9429

Date: Feb 22, 2023

Type: Construction Activity

Notes

STS road closure on Wilshire Boulevard.

Latitude: 34.064939 **Longitude:** -118.375209

Elevation: ---



UID: 9430

Date: Feb 22, 2023

Type: Construction Activity

Notes

Crane hoisting equipment through decking on Wilshire Boulevard.

Latitude: 34.065165 **Longitude:** -118.375519

Elevation: ---



UID: 9434

Date: Feb 23, 2023

Type: Construction Activity

Notes

STS setting up crane on Wilshire Boulevard.

Latitude: 34.065131 **Longitude:** -118.375532

Elevation: ---



UID: 9435

Date: Feb 23, 2023

Type: Construction Activity

Notes

Rebar and materials delivery truck arriving on site.

Latitude: 34.064996 **Longitude:** -118.375711

Elevation: ---



UID: 9436

Date: Feb 23, 2023

Type: Construction Activity

Notes

Crane hoisting and lowering rebar underground through decking.

Latitude: 34.064779 **Longitude:** -118.375661

Elevation: ---









UID:

Date: Feb 23, 2023

Type: Construction Activity

Notes

STS road closure on Wilshire Boulevard.

34.065351 Latitude: Longitude: -118.377246

Elevation:



UID: 9437

Feb 23, 2023 Date:

Construction Activity Type:

Notes

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

Latitude: 34.065766 Longitude: -118.376034

34.064838

-118.375261

34.064936

-118.374584

Elevation:

Latitude:

Longitude:

Elevation:

Latitude:

Longitude:

Elevation:

Latitude:

Longitude:

Elevation:



UID: 9441

Date: Feb 23, 2023

Type: Construction Activity

Notes

Photo shows STS transporting materials in the k-rail closure on Wilshire Blvd. at S. Hamilton Dr.



UID: 9439

Feb 23, 2023 Date:

Construction Activity Type:

Photo shows Associated Concrete placing CMB in the STS North Gale yard.



UID: 9438 Date: Feb 23, 2023

Construction Activity Type:

Notes

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

Latitude: 34.065238 Longitude: -118.375796 Elevation:

> 34.064726 -118.374621



UID: 9440

Feb 23, 2023 Date:

Type:

Construction Activity

Notes Photo shows STS crane lifting out debris from the tunnel in the North Gale yard.









UID:

Date: Feb 23, 2023

Type: Construction Activity

Notes

STS k-rail closure on Wilshire Boulevard.

34.064868 Latitude: Longitude: -118.375306

Elevation:



UID: 9443

Feb 23, 2023 Date:

Construction Activity Type:

Notes

Crane operating in Gale yard.

Latitude: 34.064708 Longitude: -118.374724

Elevation:

Latitude:

Longitude:

Elevation:



UID: 9444

Date: Feb 24, 2023

Type:

Construction Activity

Notes

Photo shows Cemex placing concrete in appendage AB/AC in the STS k-rail closure on Wilshire Blvd. between La Cienega Blvd. and S.

Hamilton Dr.



UID: 9447 Feb 24, 2023 Date:

Construction Activity Type:

Photo shows Associated Concrete placing grout in the STS North Gale yard.

Latitude: 34.064734 Longitude: -118.374556

34.064899

-118.375339

Elevation:



Latitude: 34.065051 UID: 9445 Date: Feb 24, 2023 Longitude: -118.375983 Elevation:

Construction Activity Type:

Notes

Photo shows Cemex placing concrete in appendage AB/AC in the STS k-rail closure on Wilshire Blvd. between La Cienega Blvd. and S.

Hamilton Dr.



UID: Latitude: 34.064949 9446 -118.374576 Feb 24, 2023 Longitude: Date: Construction Activity Elevation: Type:

Notes

Photo shows Associated Concrete placing grout in the STS North Gale yard.









UID: 9449

Date: Feb 24, 2023

Type: Construction Activity

Notes Gale Yard. **Latitude:** 34.064782 **Longitude:** -118.375842

Elevation: ---



UID: 9448

Date: Feb 24, 2023

Type: Construction Activity

Notes

STS k-rail closure.

Latitude: 34.064848 **Longitude:** -118.375251

Elevation: ---



