Environmental
Intelligence, LLC

September 21, 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, 17th Floor
Los Angeles, CA 90012

Subject: Segment 1 - Purple Line Extension Project ICM Weekly Report
September 13, 2020 – September 19, 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 **September 13, 2020 – September 19, 2020**. No construction activities were scheduled or monitored September 13th or September 19th.

Construction activities during the week included: Concrete pour within the N. Gale Yard; deliveries of materials to the Gale yard; crane hoisting debris, materials and equipment in/out of the shaft 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*).

CONCLUSION

To date, 269 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.

Sincerely,

ENVIRONMENTAL INTELLIGENCE, LLC

Jeremiah George
Project Manager

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

cc: Teresa Revis, City of Beverly Hills
Nell Mardirosian, Los Angeles County Metropolitan Transportation Authority
Michelle Marquez-Riley, 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
9/13/2020 - 9/19/2020

Summaries (6)

Date	Monday, September 14, 2020
Monitor	Annamarie Hand
Location	La Cienega Station
Time	04:45:00 to 17:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; DCD; Dynalectric; Century Sweeping Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Y.C. Hsieh (Metro); George Hernandez (Psomas); 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 17:00 hours on September 14th, 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: Deliveries of equipment and materials; 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 and fog early morning- poor air quality throughout the day Winds >8mph

Date	Monday, September 14, 2020
Monitor	Enoc Zuniga
Location	La Cienega Station
Time	22:00:00 to 05:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS, Psomas, EI, RG (truck delivery) Representatives On-Site: George Hernandez (Psomas) Work Location: Wilshire Blvd.; from Le Doux Dr. to San Vicente Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 22:00 hours on September 14, 2020 to 05:00 hours on September 15, 2020. At the beginning of the shift, the EI ICM Enoc Zuniga calibrated the noise meter at 94.00 dB. Work for the shift included implementing traffic control measures, crane staging on Wilshire Blvd., removing a deck panel for below deck access on Wilshire Blvd. at the Gale Yard, receiving a rebar delivery and lowering materials below deck.

Date	Tuesday, September 15, 2020
Monitor	Annamarie Hand
Location	La Cienega Station
Time	05:30:00 to 15:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; DCD; Dynalectric; Century Sweeping; Global ASR; Global Transloading Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Y.C. Hsieh (Metro); George Hernandez (Psomas); Marvin Mai (Psomas); Allan Guia (Global ASR) Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; EB 1,2 / WB 1 Closure on Wilshire Blvd. from Le Doux Rd. to Tower Dr. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:30 hours to 15:00 hours on September 15th, 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 Materials Delivery; Deliveries of equipment and materials; 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 and fog early morning- poor air quality throughout the day Winds >8mph

Date	Wednesday, September 16, 2020
Monitor	Annamarie Hand
Location	La Cienega Station
Time	04:45:00 to 17:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; Cemex; DCD; Dynalectric; Century Sweeping Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Y.C. Hsieh (Metro); George Hernandez (Psomas); 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 17:00 hours on September 16th, 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; Deliveries of equipment and materials; 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 and fog early morning- poor air quality throughout the day Winds >8mph

Date	Thursday, September 17, 2020
Monitor	Annamarie Hand
Location	La Cienega Station
Time	04:45:00 to 17:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; DCD; Dynalectric; Century Sweeping; Main Electric Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Y.C. Hsieh (Metro); George Hernandez (Psomas); Marvin Mai (Psomas) Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB1 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 17:00 hours on September 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: Deliveries of equipment and materials; 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 and fog early morning- poor air quality throughout the day Winds>7pm

Date	Friday, September 18, 2020
Monitor	Annamarie Hand
Location	La Cienega Station
Time	04:45:00 to 16:00:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; Cemex; DCD; Dynalectric; Century Sweeping; Cogstone; Global ASR Representatives: Alex Morales (STS); Thomas Wukadinovich (STS); German Garcia (Metro); Richard Garcia (Metro); Tarek Hamdi (Metro); Y.C. Hsieh (Metro); Marvin Mai (Psomas) Work Location(s): N. Gale closure; N. Gale Yard; La Cienega Yard; Below the deck on Wilshire Blvd.; Wilshire Blvd. EB1 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 16:00 hours on September 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: Concrete pour in the STS North Gale yard; Deliveries of equipment and materials; 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 and fog early morning- poor air quality throughout the day Winds >8mph

Photos

Photos (25)

UID: 5344
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.065376
Longitude: -118.374265
Elevation: - - -

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

UID: 5343
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.065291
Longitude: -118.374262
Elevation: - - -

Notes
Photo shows a delivery of materials to the STS North Gale yard.

UID: 5342
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.065344
Longitude: -118.374021
Elevation: - - -

Notes
Photo shows STS forklift transporting debris in the North Gale yard.

UID: 5353
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.064917
Longitude: -118.373635
Elevation: - - -

Notes
Photo shows crane, forklift, and personnel on foot relocating rebar to Gale Yard.

UID: 5349
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.06452
Longitude: -118.373049
Elevation: - - -

Notes
Photo shows traffic control measures in place near Tower Dr. and San Vicente Blvd.

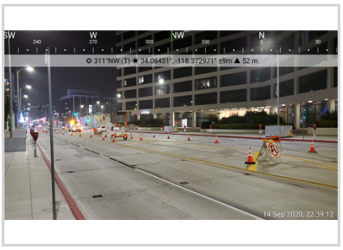
Photos

UID: 5350
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.065395
Longitude: -118.377215
Elevation: - - -

Notes
Photo shows traffic control measures, looking east from Le Doux Dr.

UID: 5348
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.06451
Longitude: -118.372971
Elevation: - - -

Notes
Photo shows STS establishing traffic control measures in preparation of the nights work.



UID: 5352
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.064785
Longitude: -118.374083
Elevation: - - -

Notes
Photo shows RG truck delivery of rebar preparing for unloading (right). Personnel establishing sound blanket-walls on crane for sound mitigation (right).

UID: 5351
Date: Sep 14, 2020
Type: Construction Activity
Latitude: 34.065079
Longitude: -118.375837
Elevation: - - -

Notes
Photo shows crews preparing to open deck and truck delivery arrival in front of Gale Yard.

UID: 5345
Date: Sep 15, 2020
Type: Construction Activity
Latitude: 34.064913
Longitude: -118.374188
Elevation: - - -

Notes
Photo shows STS crane lifting delivered rebar through the station access center on Wilshire Blvd. at Gale Dr.

UID: 5347
Date: Sep 15, 2020
Type: Construction Activity
Latitude: 34.065339
Longitude: -118.374171
Elevation: - - -

Notes
Photo shows Global Transloading attaching a full debris container before hauling it from the STS North Gale yard.

Photos

UID: 5346
Date: Sep 15, 2020
Type: Construction Activity

Latitude: 34.064387
Longitude: -118.372328
Elevation: - - -

Notes
Photo shows STS San Vicente Anomaly work being conducted on the Los Angeles side of San Vicente Blvd at Wilshire Blvd.

UID: 5355
Date: Sep 16, 2020
Type: Construction Activity

Latitude: 34.065468
Longitude: -118.374346
Elevation: - - -

Notes
Photo shows Cemex pouring concrete in the STS North Gale yard.

UID: 5357
Date: Sep 16, 2020
Type: Construction Activity

Latitude: 34.065338
Longitude: -118.374187
Elevation: - - -

Notes
Photo shows STS crane lifting materials into the shaft while Cemex pours concrete in the North Gale yard.

UID: 5356
Date: Sep 16, 2020
Type: Construction Activity

Latitude: 34.064897
Longitude: -118.374613
Elevation: - - -

Notes
Photo shows Cemex pouring concrete in the STS North Gale yard.

UID: 5354
Date: Sep 16, 2020
Type: Construction Activity

Latitude: 34.065345
Longitude: -118.374031
Elevation: - - -

Notes
Photo shows Cemex truck exiting the STS North Gale yard.

UID: 5359
Date: Sep 17, 2020
Type: Construction Activity

Latitude: 34.065299
Longitude: -118.374014
Elevation: - - -

Notes
Photo shows a delivery of lumber to the STS North Gale yard.

Photos

UID: 5360
Date: Sep 17, 2020
Type: Construction Activity
Latitude: 34.065343
Longitude: -118.374309
Elevation: - - -

Notes
Photo shows STS forklift unloading delivered lumber in the North Gale yard.

UID: 5358
Date: Sep 17, 2020
Type: Construction Activity
Latitude: 34.065389
Longitude: -118.374153
Elevation: - - -

Notes
Photo shows STS loading a man lift onto a transport truck in the North Gale yard

UID: 5362
Date: Sep 17, 2020
Type: Construction Activity
Latitude: 34.065337
Longitude: -118.374195
Elevation: - - -

Notes
Photo shows STS crane lifting delivered rebar into the shaft in the North Gale yard.

UID: 5361
Date: Sep 17, 2020
Type: Construction Activity
Latitude: 34.06533
Longitude: -118.374292
Elevation: - - -

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

UID: 5366
Date: Sep 18, 2020
Type: Construction Activity
Latitude: 34.063993
Longitude: -118.372092
Elevation: - - -

Notes
Photo shows STS San Vicente Anomaly work on the Los Angeles side of San Vicente Blvd. and Wilshire Blvd.

UID: 5365
Date: Sep 18, 2020
Type: Construction Activity
Latitude: 34.064474
Longitude: -118.373988
Elevation: - - -

Notes
Photo shows Cemex trucks exiting the STS North Gale yard closure onto WB Wilshire Blvd.

Photos

UID: 5364
Date: Sep 18, 2020
Type: Construction Activity

Latitude: 34.064655
Longitude: -118.374658
Elevation: - - -

Notes
Photo shows Cemex concrete trucks entering the STS North Gale yard from EB Wilshire Blvd.

UID: 5363
Date: Sep 18, 2020
Type: Construction Activity

Latitude: 34.06544
Longitude: -118.374445
Elevation: - - -

Notes
Photo shows Cemex pouring concrete in the STS North Gale yard.

Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
September 14, 2020					
SLC-2	7:30:00	59.3	69	No	STS forklift is transporting debris in the North Gale yard
SLC-7	8:30:00	66.8	71.7	No	STS crane is lifting out debris from the shaft into the North Gale yard Ambient noise: garbage trucks
SLC-2	9:30:00	59.5	71.8	No	STS is receiving a delivery of materials in the North Gale yard.
SLC-2	11:30:00	58.8	71.9	No	STS forklift is transporting debris in the North Gale yard
SLC-7	13:30:00	60.4	72.9	No	STS is working below the deck on Wilshire Blvd
SLC-2	15:30:00	58.7	72.3	No	STS is working below the deck on Wilshire Blvd
September 15, 2020					
SLC-7	1:40:00	54.1	59	No	Local traffic, crane work on wilshire
SLC-4/L-9	3:00:00	53.1	56.3	No	device shows 0400hrs, 1hr ahead; crane motor running, very light traffic
SLC-2	6:30:00	61.3	64	No	STS crane is lifting delivered rebar through the station access center on Wilshire Blvd at Gale Dr
SLC-7	7:15:00	62.3	69	No	STS is working below the deck on Wilshire Blvd
SLC-7	9:15:00	64.8	71.8	No	STS is working below the deck on Wilshire Blvd Ambient noise: moving truck and street traffic
SLC-7	13:15:00	64.4	72.9	No	STS is working below the deck on Wilshire Blvd Ambient noise: moving truck and street traffic
September 16, 2020					
SLC-7	6:30:00	60.4	64	No	Cemex is pouring concrete in the STS North Gale yard
SLC-7	7:30:00	60.2	69	No	Cemex is pouring concrete in the STS North Gale yard
SLC-7	8:00:00	65.2	71.7	No	Cemex is pouring concrete in the STS North Gale yard Ambient noise: garbage truck
SLC-2	9:00:00	60.4	71.8	No	Cemex is pouring concrete in the STS North Gale yard
SLC-7	10:00:00	61.3	71.6	No	Cemex is pouring concrete in the STS North Gale yard

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	11:00:00	60.8	71.9	No	Cemex is pouring concrete in the STS North Gale yard
SLC-7	12:00:00	63.6	71.9	No	STS crane is lifting out debris from the shaft in the North Gale yard Ambient noise: delivery truck
SLC-7	13:00:00	61	72.9	No	STS is working below the deck on Wilshire Blvd
SLC-7	14:00:00	61.5	72.1	No	STS is working below the deck on Wilshire Blvd
September 17, 2020					
SLC-7	8:00:00	60.7	71.7	No	STS forklift is unloading delivered lumber in the North Gale yard
SLC-2	9:00:00	63.7	71.8	No	STS is working below the deck on Wilshire Blvd Ambient noise: delivery truck idling near monitor
SLC-2	10:00:00	61.4	71.6	No	STS crane is lifting delivered rebar into the shaft in the North Gale yard
SLC-7	11:00:00	58.1	71.9	No	STS is working below the deck on Wilshire Blvd
SLC-7	12:00:00	60.6	71.9	No	STS is working below the deck on Wilshire Blvd
September 18, 2020					
SLC-2	6:15:00	59.8	64	No	Cemex is pouring concrete in the STS North Gale yard
SLC-7	7:00:00	61.9	69	No	Cemex is pouring concrete in the STS North Gale yard
SLC-6A	7:30:00	74.6	79	No	Cemex is pouring concrete in the STS North Gale yard
SLC-4/L-9	8:00:00	61.6	67	No	Cemex is pouring concrete in the STS North Gale yard
SLC-1	8:30:00	61.9	68	No	Cemex is pouring concrete in the STS North Gale yard
SLC-7	9:15:00	63.6	71.8	No	Cemex is pouring concrete in the STS North Gale yard Ambient noise: delivery truck
SLC-2	10:15:00	58.1	71.6	No	STS is working below the deck on Wilshire Blvd
SLC-2	11:15:00	62.7	71.9	No	STS is working below the deck on Wilshire Blvd
SLC-2	12:15:00	59.9	71.9	No	STS is working below the deck on Wilshire Blvd
SLC-7	13:15:00	60.9	72.9	No	STS is working below the deck on Wilshire Blvd