



January 24, 2020

Mr. Robert Welch
Project Manager
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
January 12, 2020 – January 18, 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 **January 12, 2020 – January 18, 2020**. No construction activities were scheduled or monitored on January 12th. Noise readings during this week were limited due to wind.

Construction activities during the week included lane closure installation, concrete deliveries to the Gale yard, deliveries of materials to the Gale yard, lowering materials and equipment into the Gale yard shaft, work below deck and machine maintenance. 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*).

Robert Welch
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CONCLUSION

To date, 246 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
 1/12/2020 - 1/18/2020



Summaries (7)

Date Monday, January 13, 2020
Monitor Zulema Renteria
Location La Cienega Station
Time 05:00:00 to 16:00:00
Compliant Yes
Summary Contractors/ Subcontractors: STS; Metro; third party delivery companies
 Representatives On-Site: Alex Morales (STS); Armando Perez (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro)
 Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.
 EI ICM Zulema Renteria was present from 5:00 hours to 16:00 hours on January 13th, 2020. ICM Zulema Renteria met with STS Foreman Alex Morales to discuss the shift's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. N. Gale closure was removed by 15:00 hours.
 Work for the shift included regular deliveries to Gale yard, repairing equipment and machinery in the yard, and hauling equipment and materials into the shaft.
 Windy conditions during the shift were not conducive to conducting sound readings.

Date Tuesday, January 14, 2020
Monitor Zulema Renteria
Location La Cienega Station
Time 05:00:00 to 16:00:00
Compliant Yes
Summary Contractors/ Subcontractors: STS; Metro; third party delivery companies
 Representatives On-Site: Alex Morales (STS); Armando Perez (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro)
 Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.
 EI ICM Zulema Renteria was present from 5:00 hours to 16:00 hours on January 14th, 2020. ICM Zulema Renteria met with STS Foreman Alex Morales to discuss the shift's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. N. Gale closure was removed by 15:00 hours.
 Work for the shift included regular deliveries to Gale yard, repairing equipment and machinery in the yard, and hauling equipment and materials into the shaft.
 Windy conditions during the shift were not conducive to conducting sound readings.





Attachment A
Daily Monitoring Reports
 1/12/2020 - 1/18/2020



Date Tuesday, January 14, 2020
Monitor Daniel Chang
Location La Cienega Station
Time 14:00:00 to 20:30:00
Compliant Yes
Summary Contractors/ Subcontractors: STS; Metro.
 Representatives On-Site: Alex Morales (STS); Richard Garcia (Metro)
 Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.
 EI ICM Daniel Chang was present from 14:00 hours to 20:30 hours on January 14th, 2020. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.
 Work for the shift included underground work and hauling equipment and materials into the shaft.

Date Wednesday, January 15, 2020
Monitor Zulema Renteria
Location La Cienega Station
Time 05:00:00 to 18:00:00
Compliant Yes
Summary Contractors/ Subcontractors: STS; Metro; third party delivery companies
 Representatives On-Site: Alex Morales (STS); Armando Perez (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro)
 Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.
 EI ICM Zulema Renteria was present from 5:00 hours to 18:00 hours on January 15th, 2020. ICM Zulema Renteria met with STS Foreman Alex Morales to discuss the shift's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. N. Gale closure was removed by 15:00 hours.
 Work for the shift included regular deliveries to Gale yard, repairing equipment and machinery in the yard, and hauling equipment and materials into the shaft.
 Windy conditions during the shift were not conducive to conducting sound readings.

Date Thursday, January 16, 2020
Monitor Eric Weiss
Location La Cienega Station
Time 05:30:00 to 14:00:00
Compliant Yes
Summary Contractors/Subcontractors: PSOMAS, STS, PSG, and Metro.
 Representatives On-Site: Tarek Hamdi (Metro); Marvin May (PSOMAS); Howard Jordan (STS); Henry Flores (PSG).
 Work Location(s): The Gale Yard. North Gale Dr.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:30 hours to 14:00 hours on 16 January 2020. EI ICM Eric Weiss met with Metro Inspector Tarek Hamdi, Marvin May for PSOMAS, Henry Flores for PSG, as well as Howard Jordan for STS to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.0dB.
 Work for the day included the closure of N Gale Dr. at the Gale Yard, the transfer of road closure signs from Gale Yard to a large truck by the use of a forklift, as well as equipment and supplies being transported down to the tunnel beneath the Gale Yard with the use of a large crane.





Attachment A
Daily Monitoring Reports
 1/12/2020 - 1/18/2020



Date Friday, January 17, 2020

Monitor Eric Weiss

Location La Cienega Station

Time 05:30:00 to 14:30:00

Compliant Yes

Summary Contractors/Subcontractors: PSOMAS, STS, and Metro.

Representatives On-Site: Tarek Hamdi and Richard Garcia for (Metro); Marvin May (PSOMAS); Howard Jordan (STS).

Work Location(s): The Gale Yard. North Gale Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:30 hours to 14:30 hours on 17 January 2020. EI ICM Eric Weiss met with Metro Inspectors Tarek Hamdi and Richard Garcia, Marvin May for PSOMAS, as well as Howard Jordan for STS to discuss the day's activities. At the beginning of the shift, the ICM calibrated the noise meter at 94.0dB.

Work for the day included the closure of N Gale Dr. at the Gale Yard, the transfer of large metal poles from the Gale Yard to a large truck by the use of a forklift, multiple cement slurry deliveries to the Gale Yard, the removal of a large metal trash dumpster via truck, as well as equipment and supplies being transported down to the tunnel beneath the Gale Yard with the use of a large crane.

Date Saturday, January 18, 2020

Monitor Annamarie Hand

Location La Cienega Station

Time 05:15:00 to 09:15:00

Compliant Yes

Summary Contractors/ Subcontractors: STS

Representatives On-Site: None

Work Location(s): Gale Yard; Gale closure

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 09:15 hours on January 18th, 2020. At the beginning of the shift, the ICM Annamarie Hand calibrated the sound meter to 94.00 dB.

Work for the shift included setting up N. Gale Dr. closure at 05:20 hours, and taking down the closure at 06:00 hours. Minimum four hours for set-up.





Photos



Photos (15)

UID: 4389 **Latitude:** 34.065251
Date: Jan 13, 2020 **Longitude:** -118.374276
Type: Construction Activity **Elevation:** ---

Notes

This photo shows the contents of Gale yard where the STS crew receive and transport materials to Gale shaft.



UID: 4390 **Latitude:** 34.065238
Date: Jan 13, 2020 **Longitude:** -118.3743
Type: Construction Activity **Elevation:** ---

Notes

This photo shows STS crew after receiving a delivery to Gale yard.



UID: 4391 **Latitude:** 34.065349
Date: Jan 14, 2020 **Longitude:** -118.373979
Type: General **Elevation:** ---

Notes

This photo shows N. Gale Dr. closure that was set up by STS crew in preparation for the day's activities.



UID: 4392 **Latitude:** 34.065386
Date: Jan 14, 2020 **Longitude:** -118.374071
Type: Construction Activity **Elevation:** ---

Notes

This photo shows crane activity on Gale yard. The crew is actively moving materials to Gale shaft.



UID: 4393 **Latitude:** 34.065346
Date: Jan 14, 2020 **Longitude:** -118.374085
Type: Overview **Elevation:** ---

Notes

This photo shows overview of activity occurring on Gale yard.





Photos



UID: 4394
Date: Jan 14, 2020
Type: Construction Activity

Latitude: 34.065338
Longitude: -118.374577
Elevation: - - -

Notes
 Photo shows Gale Yard.



UID: 4399
Date: Jan 15, 2020
Type: Construction Activity

Latitude: 34.06539
Longitude: -118.374146
Elevation: - - -

Notes
 This photo shows Gale yard where most of the activity was concentrated in for today.



UID: 4400
Date: Jan 15, 2020
Type: Overview

Latitude: 34.065247
Longitude: -118.374291
Elevation: - - -

Notes
 This photo shows crane activity and crates that were used to move materials into shaft. STS crew came shortly after to retrieve materials.



UID: 4396
Date: Jan 16, 2020
Type: Construction Activity

Latitude: 34.06565
Longitude: -118.37455
Elevation: - - -

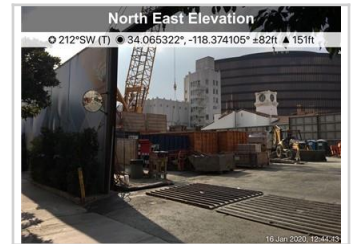
Notes
 The image shows North Gale Drive and the adjacent Gale Yard. The road closure signage is in place.



UID: 4398
Date: Jan 16, 2020
Type: Construction Activity

Latitude: 34.06532
Longitude: -118.37411
Elevation: - - -

Notes
 The image shows a large crane being used to lower supplies down to the tunnel beneath the Gale Yard.



UID: 4397
Date: Jan 16, 2020
Type: Construction Activity

Latitude: 34.06553
Longitude: -118.37416
Elevation: - - -

Notes
 The image shows a forklift being used to transfer road closer signage from the Gale Yard to a truck.





Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
January 13, 2020					
No noise readings taken due to wind					
January 14, 2020					
No noise readings taken due to wind					
January 15, 2020					
No noise readings taken due to wind					
January 16, 2020					
SLC-2	7:24:00	59.6	69	No	Light traffic along Gale Drive. Equipment being moved inside Gale Yard.
SLC-2	8:18:00	59.1	71.7	No	Traffic along N. Gale Dr. Lane closure signage being transferred from Gale Yard to a truck via forklift.
SLC-2	9:16:00	59.9	71.8	No	There is traffic along N. Gale Dr. Intermittent activity inside Gale Yard.
SLC-2	10:00:00	61	71.6	No	A small street sweeper is cleaning the ground inside of the Gale Yard. There is moderate traffic along Gale Dr.
SLC-2	11:00:00	61	71.9	No	Moderate traffic along Gale Drive. Intermittent activity inside Gale yard.
SLC-2	12:00:00	62	71.9	No	Traffic along N. Gale Dr. One emergency vehicle along Wilshire Boulevard. Intermittent activity inside Gale Yard.
SLC-2	13:00:00	63	72.9	No	There is intermittent work activity in the Gale Yard. There is intermittent traffic along N. Gale Dr.
January 17, 2020					
SLC-2	6:09:00	57.7	64	No	Moderate traffic along N. Gale Dr. initially a safety meeting inside the Gale Yard. Then, inside the Gale yard, metal objects were transferred to a large dumpster.
SLC-2	7:35:00	60.7	69	No	Moderate traffic along Gale Dr. Trucks intermittently leaving and entering Gale Yard.
SLC-6A	8:37:00	72	73.8	N/P	This noise location not applicable to MOA Section 1. Rush-hour traffic along Wilshire Boulevard. Cement trucks entering and leaving Gale



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
					yard. Emergency vehicle activity at The intersection of San Vicente and Wilshire.
SLC-2	9:29:00	60.9	71.8	No	There is moderate traffic along N. Gale Dr. A forklift is moving equipment and supplies inside of the Gale Yard.
SLC-7	10:34:00	71	71.6	N/P	Back up alarm from a N/P related food truck for the adjacent business to the east. Significant N/P relayed traffic along N. Gale Dr.
SLC-7	11:36:00	63	71.9	No	Light activity inside the Gale Yard. Moderate traffic along N. Gale Dr.
SLC-2	12:36:00	63.9	71.9	No	Moderate traffic along N. Gale Dr. Crane activity inside the Gale Yard.
SLC-2	13:43:00	60.9	72.9	No	Moderate traffic along N. Gale Dr. inside of the Gale Yard there is a forklift being used to move large metal pipe.
SLC-2	6:09:00	57.7	64	No	Moderate traffic along N. Gale Dr. initially a safety meeting inside the Gale Yard. Then, inside the Gale yard, metal objects were transferred to a large dumpster.
SLC-2	7:35:00	60.7	69	No	Moderate traffic along Gale Dr. Trucks intermittently leaving and entering Gale Yard.