



February 3, 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
January 19, 2020 – January 25, 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 19, 2020 – January 25, 2020**. No construction activities were scheduled or monitored on January 19th.

Construction activities during the week included lane closure installation, concrete deliveries to the Gale yard, deliveries of materials to the Gale yard, electric work and laying down conduit below the deck on Wilshire Blvd., 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
Joseph DeMello
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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
 1/19/2020 - 1/25/2020



Summaries (6)

Date Monday, January 20, 2020
Monitor Annamarie Hand
Location La Cienega Station
Time 05:15:00 to 14:30:00
Compliant Yes
Summary Contractors/ Subcontractors: STS; Metro; Pacific Steel Group, Dynalectric, Main Electric
 Representatives On-Site: Alex Morales (STS); Tarek Hamdi (Metro); German Garcia (Metro); Richard Garcia (Metro); Marvin Mai (Psomas); Eric Barrett (STS).
 Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.; closure on Wilshire Blvd.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 14:30 hours on January 20th, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.
 Work for the shift included setting up N. Gale Dr. closure; electric work and laying down conduit below the deck on Wilshire Blvd.; hoisting rebar and construction materials into the Gale yard shaft; and delivery of rebar and materials to the Gale yard.
 North Gale closure was set-up at 05:35 hours. It was taken down at 13:15 hours.

Date Tuesday, January 21, 2020
Monitor Annamarie Hand
Location La Cienega Station
Time 05:15:00 to 14:30:00
Compliant Yes
Summary Contractors/ Subcontractors: STS; Metro; Pacific Steel Group, Dynalectric, Main Electric
 Representatives On-Site: Alex Morales (STS); Tarek Hamdi (Metro); German Garcia (Metro); Richard Garcia (Metro); Marvin Mai (Psomas); Eric Barrett (STS).
 Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.; Closure on Wilshire Blvd.
 The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 14:30 hours on January 21st, 2020. EI ICM Annamarie Hand met with Alex Morales (STS) to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter to 94.00 dB.
 Work for the shift included setting up N. Gale Dr. closure; electric work and laying down conduit below the deck on Wilshire Blvd.; hoisting rebar and construction materials into the Gale yard shaft; and delivery of rebar and materials to the Gale yard.
 North Gale closure was set-up at 05:45 hours. It was taken down at 13:15 hours.





Attachment A
Daily Monitoring Reports
 1/19/2020 - 1/25/2020



Date Wednesday, January 22, 2020

Monitor Eric Weiss

Location La Cienega Station

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

Compliant Yes

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

Representatives On-Site: Tarek Hamdi (Metro); Marvin Mai (PSOMAS); Alex Morales (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 January 22nd, 2020. EI ICM Eric Weiss met with Metro Inspector Tarek Hamdi, Marvin Mai for PSOMAS, Henry Flores for PSG, as well as Alex Morales 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 delivery of heavy rebar to the Gale Yard, as well as equipment and supplies being transported into the tunnel beneath the Gale Yard via the use of a large crane.

Date Thursday, January 23, 2020

Monitor Eric Weiss

Location La Cienega Station

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

Compliant Yes

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

Representatives On-Site: Tarek Hamdi (Metro); Marvin Mai (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 January 23, 2020. EI ICM Eric Weiss met with Metro Inspector Tarek Hamdi, Marvin Mai 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 delivery of heavy rebar and soil to the Gale Yard, as well as equipment and supplies being transported into the tunnel beneath the Gale yard via the use of a large crane.

Date Friday, January 24, 2020

Monitor Eric Weiss

Location La Cienega Station

Time 05:30:00 to 13:30:00

Compliant Yes

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

Representatives On-Site: Tarek Hamdi (Metro); Marvin Mai (PSOMAS); Howard Jordan (STS); Henry Flores (PSG).

Work Location(s): The Gale Yard. N. 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 13:30 hours on 24 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 delivery of heavy rebar to the Gale yard, as well as equipment and supplies being transported into the tunnel beneath the Gale yard via the use of a large crane.





Attachment A
Daily Monitoring Reports
1/19/2020 - 1/25/2020



Date Saturday, January 25, 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: Richard Garcia (Metro); Adnan Aldwir (PSOMAS); Armando Perez (STS); Henry Flores (PSG).

Work Location(s): The Gale yard. N. 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 January 25, 2020. EI ICM Eric Weiss met with Metro Inspector Richard Garcia, Adnan Aldwir for PSOMAS, Henry Flores for PSG, as well as Armando Perez 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 delivery of heavy rebar to the Gale yard, as well as equipment and supplies being transported into the tunnel beneath the Gale yard via the use of a large crane. A PSG work crew of carpenters continued to work beneath Gale yard until about 13:40 hours.





Photos



Photos (17)

UID: 4409 **Latitude:** 34.064941
Date: Jan 14, 2020 **Longitude:** -118.375335
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS laborers manually adjusting the height of the pole boxes on Wilshire Blvd.



UID: 4406 **Latitude:** 34.064575
Date: Jan 20, 2020 **Longitude:** -118.373031
Type: General **Elevation:** ---

Notes

View of the North Gale yard closure from Wilshire Blvd and Tower Dr.



UID: 4405 **Latitude:** 34.065089
Date: Jan 20, 2020 **Longitude:** -118.373878
Type: Construction Activity **Elevation:** ---

Notes

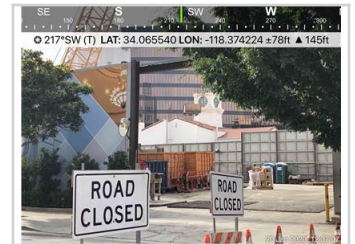
Delivery of Pacific Steel Group rebar to the STS North Gale yard. View from N. Gale Dr.



UID: 4407 **Latitude:** 34.06554
Date: Jan 20, 2020 **Longitude:** -118.374224
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane hauling out debris from the shaft into the dumpster in the North Gale yard.



UID: 4408 **Latitude:** 34.065353
Date: Jan 21, 2020 **Longitude:** -118.374213
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS front loader loading grout sample bins onto a flatbed truck in the North Gale yard.





Photos



UID: 4410 **Latitude:** 34.065032
Date: Jan 21, 2020 **Longitude:** -118.374056
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS crane hauling materials into the shaft in the North Gale yard.



UID: 4411 **Latitude:** 34.06557
Date: Jan 22, 2020 **Longitude:** -118.37416
Type: Pre-Activity **Elevation:** ---

Notes

The image shows N. Gale Dr. and the adjacent Gale yard. The road closure signage is in place.



UID: 4412 **Latitude:** 34.06546
Date: Jan 22, 2020 **Longitude:** -118.37411
Type: Construction Activity **Elevation:** ---

Notes

The image shows a large crane being used to move heavy rebar down to the tunnel beneath the Gale yard.



UID: 4413 **Latitude:** 34.06479
Date: Jan 23, 2020 **Longitude:** -118.37407
Type: Pre-Activity **Elevation:** ---

Notes

The image shows an STS crew placing traffic cones along Wilshire Blvd., just north of the Gale yard, at the beginning of the work day.



UID: 4414 **Latitude:** 34.06558
Date: Jan 23, 2020 **Longitude:** -118.3742
Type: Construction Activity **Elevation:** ---

Notes

The image shows a forklift that is transferring heavy rebar from a flatbed truck to the Gale Yard.



UID: 4415 **Latitude:** 34.06504
Date: Jan 23, 2020 **Longitude:** -118.37415
Type: Construction Activity **Elevation:** ---

Notes

The image shows a large crane being used to move building supplies to the tunnel beneath the Gale yard.





Photos



UID: 4417 **Latitude:** 34.06451
Date: Jan 24, 2020 **Longitude:** -118.37392
Type: Pre-Activity **Elevation:** ---

Notes

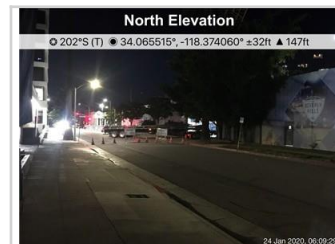
The image shows an STS crew closing the north of the Gale Dr. at the beginning of the work day.



UID: 4416 **Latitude:** 34.06552
Date: Jan 24, 2020 **Longitude:** -118.37406
Type: Construction Activity **Elevation:** ---

Notes

The image shows a flatbed truck delivering heavy rebar to the Gale yard.



UID: 4418 **Latitude:** 34.06519
Date: Jan 24, 2020 **Longitude:** -118.37404
Type: Construction Activity **Elevation:** ---

Notes

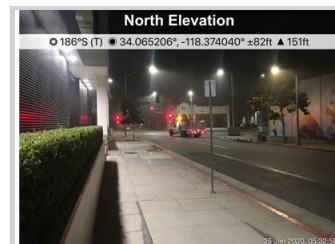
The image shows a large crane being used to move building supplies to the tunnel beneath the Gale yard.



UID: 4419 **Latitude:** 34.06521
Date: Jan 25, 2020 **Longitude:** -118.37404
Type: Pre-Activity **Elevation:** ---

Notes

The image shows an STS crew closing N. Gale Dr. at Wilshire Blvd. at the beginning of the work day.



UID: 4420 **Latitude:** 34.06497
Date: Jan 25, 2020 **Longitude:** -118.37392
Type: Construction Activity **Elevation:** ---

Notes

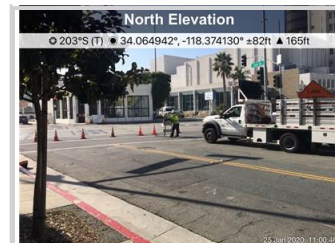
The image shows a flatbed truck delivering heavy rebar to the Gale yard.



UID: 4421 **Latitude:** 34.06494
Date: Jan 25, 2020 **Longitude:** -118.37413
Type: Post-Activity **Elevation:** ---

Notes

The image shows an STS crew opening N. Gale Dr. at Wilshire Blvd.





Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
January 20, 2020					
SLC-7	9:46:00	62	71.8	No	STS crane is on standby for emergency egress while crews work below the deck on Wilshire Blvd
January 21, 2020					
SLC-7	8:00:00	65	71.7	No	STS crane is on standby for emergency egress while crews work below the deck on Wilshire Blvd Ambient noise: leaf blower
SLC-1	8:30:00	62.5	68	No	Sound reading from STS La Cienega yard's exhaust fan. Ambient noise: external construction in N. Hamilton using pneumatic drills.
January 22, 2020					
SLC-2	5:34:00	55.7	59	No	Light traffic along N Gale Dr. STS crew completely closed off N. Gale Dr. at the Gale yard during this time.
SLC-2	6:30:00	57.9	64	No	Light traffic along N. Gale Dr. inside of the Gale yard A forklift was being used to move construction supplies. The crane was being used to move construction supplies to the tunnel beneath the yard.
SLC-2	7:34:00	62.5	69	No	There is traffic along N. Galr Dr. A crane is being used to move construction supplies down to the tunnel beneath Gale Yard.
SLC-7	8:37:00	69.5	71.7	No	Moderate traffic along N Gale Dr. Crane work inside Gale Yard.
SLC-2	9:30:00	60.1	71.8	No	Significant traffic along N Gale Drive. Crane work inside Gale Yard.
SLC-7	10:32:00	60.8	71.6	No	Significant amount of traffic along N. Gale Dr. Train activity inside the Gale Yard.
SLC-2	11:35:00	60.3	71.9	No	Light work activity inside Gale Yard. Moderate traffic along N. Gale Dr.
SLC-2	12:39:00	63.5	71.9	No	Significant traffic along N. Gale Dr. forklift moving construction supplies inside Gale Yard. Train work inside Gale Yard.
SLC-2	13:28:00	62.4	72.9	No	Emergency vehicles along San Vicente. STS Open N Gale Dr. Crane activity inside Gale Yard.
January 23, 2020					



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-7	5:53:00	60.3	59	N/P	There are only safety meetings being held inside the Gale yard. All other significant noises coming from traffic along N Gale Dr.
SLC-2	6:55:00	59.9	64	No	A crane is being used to ferry construction supplies from the surface to the tunnel beneath Gale Yard. Intermittent traffic along N. Dale Dr.
SLC-2	7:55:00	61.2	69	No	Moderate traffic along N. Gale Dr. crane work as well as the use of a forklift inside the Gale Yard.
SLC-7	9:05:00	63.3	71.8	No	Significant traffic how long N Gale Dr. Crane work inside Gale Yard.
SLC-7	10:36:00	65.5	71.6	No	Crane work inside Gale Yard. A forklift is being used to transfer rebar from a truck to the Gale Yard. Significant traffic along N Gale Yard.
SLC-2	11:28:00	58.7	71.9	No	Moderate traffic along N. Gale Dr. very light activity inside Gale Yard.
SLC-7	12:33:00	61.7	71.9	No	Motor traffic along N Gale Dr. Crane work inside Gale Yard.
January 24, 2020					
SLC-2	5:56:00	57.9	59	No	Light traffic along N. Gale Dr.. Inside the Gale Yard there were Tailboard meetings. The were also two deliveries of heavy rebar via flatbed truck
SLC-2	6:51:00	60.3	64	No	Moderate traffic along N. Gale Dr. crane work inside Gale Yard.
SLC-7	8:12:00	62.9	71.6	No	Crane activity inside the Gale Yard. Traffic along Gale Dr.
SLC-2	9:00:00	63.6	71.8	No	Significant traffic along N. Gail Dr. crane work inside Gale Yard.
SLC-7	10:11:00	63.2	71.6	No	Traffic along N. Gale Dr. A forklift is being used to transfer metal debris to large dumpsters inside the Gale Yard.
SLC-2	10:55:00	57.9	71.6	No	Moderate traffic along N. Gale Dr. Almost no activity inside Gale Yard.
SLC-7	11:50:00	61.3	71.9	No	A forklift is working inside the Gale Yard. There is traffic along N Gale Dr.
SLC-2	13:01:00	62.2	72.9	No	Significant traffic along N. Gale Dr. crane work inside the Gale Yard. Then the removal of road closure signage along N. Gale Dr.
January 25, 2020					
SLC-2	5:57:00	52.5	59	No	Tail board meetings inside the Gale Yard. Very light traffic along N Gale Drive.
SLC-2	6:56:00	58.1	64	No	The crane is being used inside of the Gale Yard. Light traffic along N. Gale Dr.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	8:13:00	55.8	71.7	No	Crane work inside Gale Yard. Light traffic along N. Gail Dr.
SLC-2	8:59:00	59	71.7	No	Crane work inside the Gale Yard. Light traffic along N Gale Dr.
SLC-7	10:09:00	59.5	71.6	No	Very little activity inside the Gale Yard. Moderate traffic along N Gale Dr.
SLC-7	10:41:00	61.2	71.6	No	Moderate traffic along N Gale Dr. Very little activity inside the Gale Yard.
SLC-7	11:59:00	63.4	71.9	No	Moderate traffic along N. Gale Dr. Very little activity inside the Gale Yard. The carpenters are working beneath Gale Yard.
SLC-7	12:51:00	62.3	71.9	No	Moderate traffic along N. Gale Dr. The carpenters are working beneath Gale Yard.