Environmental Intelligence, LLC

June 25, 2019

Robert Welch
Project Manager
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

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
June 9, 2019 – June 15, 2019

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 (1) the Memorandum of Agreement (MOA) for Advance Utilities Relocation Phase of the Purple Line Extension Project – Segment 1 – Between the City of Beverly Hills and the Los Angeles Metropolitan Transportation Authority (City Agreement No. 452-14), and (2) 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 **June 9, 2019 – June 15, 2019**. No construction activities were conducted on June 9, 2019.

Construction activities during the week included excavating below deck, lagging below deck, hauling equipment and materials into the Gale yard shaft, hoisting dirt from the shaft and removing spoils from the yard, equipment and machinery repair and maintenance in the yard, moving equipment and steel beams underground, installation of equipment underground, maintenance work on the crane, ironwork in the Gale yard, and deliveries of materials to the yard. EI ICMs were present on site during all construction activities and 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 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 noise monitoring data are provided in Attachment B.

CONCLUSION

To date, 203 violations have been issued, 18 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: Valerie Mudegoren, 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

6/9/2019 - 6/15/2019

Summaries (10)

Date Monday, June 10, 2019

Monitor Annamarie Hand

Location La Cienega Station

Time 05:15:00 to 14:00:00

Compliant Yes

Summary Contractors/ Subcontractors: STS, Century Sweeping, Rivera Trucking

Representatives On-Site: Howard Jordan (STS); Alex Morales (STS); Lorena Vela (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro); Christian Clarion

Work Location(s): Gale yard; N. Gale Dr. closure; below deck along 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 14:00 hours on June 10th, 2019. EI ICM Annamarie Hand met with STS Foreman Alex Morales to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB.

The North Gale closure was set up at 05:55 hours and included 4 additional sound barriers. Haul trucks arrived at 06:06 hours.

Work for the day included deliveries of materials to the yard; excavating below deck, lagging below deck, hauling equipment and materials into the Gale yard shaft, hoisting dirt from the shaft and haul trucks removing spoils from the yard.

Date Monday, June 10, 2019

Monitor Daniel Chang

Location La Cienega Station

Time 13:45:00 to 23:30:00

Compliant Yes

Summary Contractors/Subcontractors: STS, PSOMAS, Century Sweeping.

Representatives On-Site: Bill Damalanta (STS); Richard Garcia (Metro); Eddie (Metro); Marvin Mai (PSOMAS); Lorena Vella (STS); Alex Morales (STS).

Work Location(s): North Gale Drive enclosure; Gale yard; La Cienega yard; below deck along Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 13:45 hours to 23:30 hours on June 10th, 2019. EI ICM Daniel Chang met with STS superintendent Bill Damanlata and Metro Inspector Richard Garcia to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 93.9 dB (to 94.00 dB).

Work for the day included hauling soil off site, lowering equipment into the Gale yard shaft, mechanical work on heavy machinery, refueling equipment, moving equipment underground, moving steel beams underground, and delivery of metal pipe.

The closure on North Gale Drive was removed at 14:40 hours. The construction street sweeper cleaned the streets adjacent to Gale yard and La Cienega yard at 14:15 hours.

Non-project construction (VCI) from 16:00 to 23:00 limited noise readings for the day.

Date	Tuesday, June 11, 2019
Monitor	Annamarie Hand
Location	La Cienega Station
Time	05:15:00 to 14:00:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS, Century Sweeping, Rivera Trucking Representatives On-Site: Howard Jordan (STS); Alex Morales (STS); Lorena Vela (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro); Christian Clarion Work Location(s): Gale yard; N. Gale Dr. closure; below deck along 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 14:00 hours on June 11th, 2019. EI ICM Annamarie Hand met with STS Foreman Alex Morales to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. The North Gale closure was set up at 05:55 hours and included 4 additional sound barriers. Haul trucks arrived at 06:06 hours. Work for the day included deliveries of materials to the yard; excavating below deck, lagging below deck, hauling equipment and materials into the Gale yard shaft, hoisting dirt from the shaft and haul trucks removing spoils from the yard.

Date	Tuesday, June 11, 2019
Monitor	Daniel Chang
Location	La Cienega Station
Time	13:45:00 to 23:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS, PSOMAS, Century Sweeping Representatives On-Site: Bill Damalanta (STS); Richard Garcia (Metro); Eddie (Metro); Marvin Mai (PSOMAS); Lorena Vella (STS); Alex Morales (STS) Work Location(s): North Gale Drive enclosure; Gale yard; La Cienega yard; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 13:45 hours to 23:30 hours on June 11th, 2019. EI ICM Daniel Chang met with STS superintendent Bill Damanlata and Metro Inspector Richard Garcia to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 93.9 dB (to 94.00 dB). Work for the day included strut delivery, lowering equipment into the Gale yard shaft, miscellaneous material delivery, mechanical work on heavy machinery, moving equipment underground, moving struts underground, and installation of equipment underground, hoisting soil, stockpiling soil in Gale yard, and excavation. The closure on North Gale Drive was removed at 14:25 hours. The construction street sweeper cleaned the streets adjacent to Gale yard and La Cienega yard at 14:15 hours. Non-project construction (VCI) from 16:00 to 22:00 limited noise readings for the day.

Date	Wednesday, June 12, 2019
Monitor	Anna Sahl
Location	La Cienega Station
Time	05:30:00 to 14:00:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS, Century Sweeping, Rivera Trucking Representatives On-Site: Howard Jordan (STS); Alex Morales (STS); Lorena Vela (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro) Work Location(s): Gale yard; N. Gale Dr. closure; below deck along Wilshire Blvd. 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 June 12, 2019. EI ICM Anna Sahl met with Metro Inspector Tarek Hamdi to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. The North Gale closure was set up at 05:50 hours and included 4 additional sound barriers. Haul trucks arrived at 06:01 hours. Work for the day included deliveries of materials to the yard; excavating below deck, lagging below deck, hauling equipment and materials into the Gale yard shaft, hoisting dirt from the shaft and haul trucks removing spoils from the yard.

Date	Wednesday, June 12, 2019
Monitor	Annamarie Hand
Location	La Cienega Station
Time	13:45:00 to 23:15:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS Representatives On-Site: Richard Garcia (Metro); Andrew Baldwin (Metro); Bill Dimalanta (STS) Work Location(s): Gale yard; N. Gale Dr. closure; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 13:45 hours to 23:15 hours on June 12th, 2019. EI ICM Annamarie Hand met with STS Foreman Bill Dimalanta to discuss the day's activities. At the beginning of the shift, ICM Annamarie Hand calibrated the sound meter to 94.00 dB. Work for the swing included ironwork in the Gale yard, excavating below deck, repairing equipment and machinery in the yard, and hauling equipment and materials into the shaft. At approximately 17:30 hours, the crane malfunctioned, halting the removal of spoils from the shaft. Work in the shaft was halted at 19:30 hours. Maintenance crews began work on the crane at this time, and worked until end of shift. Notes: Winds >10 mph during much of the shift. VCI Construction began work on N. Gale at 16:00 Hours, and concluded at roughly 21:15 hours, when the closure was picked up.

Date	Thursday, June 13, 2019
Monitor	Anna Sahl
Location	La Cienega Station
Time	05:30:00 to 14:00:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS, Century Sweeping, Rivera Trucking Representatives On-Site: Howard Jordan (STS); Alex Morales (STS); Lorena Vela (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro) Work Location(s): Gale yard; N. Gale Dr. closure; below deck along Wilshire Blvd. 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 June 13, 2019. EI ICM Anna Sahl met with STS Foreman Alex Morales to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. At 05:55 hours STS foreman Alex Morales informed Anna Sahl that the crane was being repaired so no hauling would occur for the day. The North Gale closure was set up at 06:15 hours and taken down at 11:30 hours. Work for the day included deliveries of materials to the yard and repairing the crane.

Date	Thursday, June 13, 2019
Monitor	Annamarie Hand
Location	La Cienega Station
Time	13:45:00 to 23:15:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS Representatives On-Site: Richard Garcia (Metro); Andrew Baldwin (Metro); Bill Dimalanta (STS) Work Location(s): Gale yard; N. Gale Dr. closure; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 13:45 hours to 23:15 hours on June 13th, 2019. EI ICM Annamarie Hand met with STS Foreman Bill Dimalanta to discuss the day's activities. At the beginning of the shift, ICM Annamarie Hand calibrated the sound meter to 94.00 dB. Work for the swing included ironwork in the Gale yard, excavating below deck, repairing equipment and machinery in the yard, hauling spoils from the shaft, and hauling equipment and materials into the shaft. Notes: Winds >10 mph during the shift. Non-project VCI Construction began work on N. Gale at 16:00 Hours, and concluded at roughly 21:15 hours, when the closure was picked up.

Date	Friday, June 14, 2019
Monitor	Yani Pohl
Location	La Cienega Station
Time	05:15:00 to 14:00:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS Representatives On-Site: Howard Jordan (STS); Alex Morales (STS); Marvin Mai (Psomas); Tarek Hamdi (Metro) Work Location(s): Gale yard; N. Gale Dr. closure; below deck along 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 14:00 hours on June 14th, 2019. EI ICM Yani Pohl met with STS Foreman Alex Morales to discuss the day's activities. At the beginning of the shift, ICM Yani Pohl calibrated the sound meter to 94.00 dB. Work for the day included hauling spoils from the Gale yard, delivery of steel beams, repair work on the crane and stockpiling of spoils in the Gale yard. The North Gale closure was set up at 05:45 hours and included 4 additional sound barriers. Haul trucks arrived at 06:05 hrs. The crane was under repair from 10:30 hrs to 12:45 hrs.

Date	Saturday, June 15, 2019
Monitor	Anna Sahl
Location	La Cienega Station
Time	06:45:00 to 14:30:00
Compliant	Yes
Summary	Contractors/ Subcontractors: STS, Century Sweeping, Rivera Trucking Representatives On-Site: Howard Jordan (STS); Alex Morales (STS); Ryan Bunyon (Psomas); Aaron Jayne (Metro) Work Location(s): Gale yard; N. Gale Dr. closure; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:45 hours to 14:30 hours on June 15, 2019. EI ICM Anna Sahl met with STS Foreman Alex Morales to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB. The N Gale Dr closure was taken down at 14:30 hours. Work for the day included excavating below deck, lagging below deck, hauling equipment and materials into the Gale yard shaft, hoisting dirt from the shaft and haul trucks removing spoils from the yard.

Photos

Photos (30)

UID: 3317
Date: Jun 10, 2019
Type: General
Latitude: 34.0649522927597
Longitude: -118.376119266573
Elevation: 42.1789855957031

Notes

Photo shows view of the La Cienega and Gale yard from La Cienega at Wilshire Blvd.

UID: 3312
Date: Jun 10, 2019
Type: General
Latitude: 34.0656097655881
Longitude: -118.374132966527
Elevation: 41.4600345007141

Notes

Photo shows North Gale closure sound barrier.

UID: 3316
Date: Jun 10, 2019
Type: General
Latitude: 34.0668725614862
Longitude: -118.374110314692
Elevation: 42.4761800765981

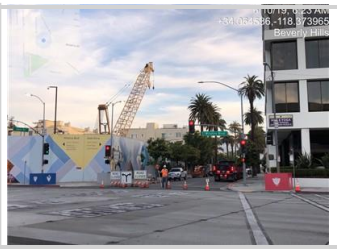
Notes

Photo shows road closure signage on Gale at San Vicente.

UID: 3314
Date: Jun 10, 2019
Type: General
Latitude: 34.0645078636962
Longitude: -118.374116752352
Elevation: 41.1867341995239

Notes

Photo shows view of the Gale yard from Wilshire at South Gale. Haul trucks are lined up in the North Gale closure.



UID: 3315
Date: Jun 10, 2019
Type: Construction Activity
Latitude: 34.0647249327377
Longitude: -118.374753563329
Elevation: 41.1870107650757

Notes

Photo shows crane hoisting a man basket into the Gale shaft.

Photos

UID: 3313
Date: Jun 10, 2019
Type: Construction Activity

Latitude: 34.0653291612806
Longitude: -118.374031925463
Elevation: 41.1850690841675

Notes

Photo shows haul trucks entering the Gale yard.

UID: 3319
Date: Jun 10, 2019
Type: Construction Activity

Latitude: 34.065334
Longitude: -118.374359
Elevation: - - -

Notes

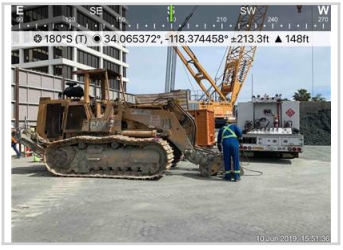
Photo shows metal pipe delivery in Gale yard for installation underground.

UID: 3320
Date: Jun 10, 2019
Type: Construction Activity

Latitude: 34.065372
Longitude: -118.374458
Elevation: - - -

Notes

Photo shows STS mechanic performing maintenance and refueling on bulldozer.



UID: 3318
Date: Jun 10, 2019
Type: Construction Activity

Latitude: 34.065708
Longitude: -118.374222
Elevation: - - -

Notes

Photo shows road closure on North Gale Drive.

UID: 3324
Date: Jun 11, 2019
Type: General

Latitude: 34.0646543964253
Longitude: -118.374756600177
Elevation: 41.1875905990601

Notes

Photo shows view of the Gale yard crane from the Saban Theatre.

UID: 3323
Date: Jun 11, 2019
Type: General

Latitude: 34.0645483047428
Longitude: -118.374187048509
Elevation: 41.1866989432884

Notes

Photo shows view of the N Gale Dr closure from S Gale Dr at Wilshire Blvd.

Photos

UID: 3321
Date: Jun 11, 2019
Type: General

Latitude: 34.065522634036
Longitude: -118.374024473158
Elevation: 41.1848363867035

Notes

Photo shows view of the N Gale Dr closure.

UID: 3322
Date: Jun 11, 2019
Type: Construction Activity

Latitude: 34.0647225141446
Longitude: -118.373975774456
Elevation: 41.518138885498

Notes

Photo shows delivery of struts to the Gale yard.

UID: 3325
Date: Jun 11, 2019
Type: Construction Activity

Latitude: 34.065647
Longitude: -118.374062
Elevation: - - -

Notes

Photo shows road closure on North Gale Drive.

UID: 3327
Date: Jun 11, 2019
Type: Construction Activity

Latitude: 34.064777
Longitude: -118.373924
Elevation: - - -

Notes

Photo shows STS using crane to hoist soil and stockpile in the Gale yard.

UID: 3326
Date: Jun 11, 2019
Type: Construction Activity

Latitude: 34.065475
Longitude: -118.374306
Elevation: - - -

Notes

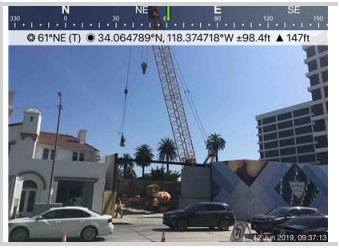
Photo shows STS using forklift to move equipment in the Gale yard.

UID: 3329
Date: Jun 12, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 147

Notes

Photo shows crane hoisting welding equipment from the Gale yard shaft.



Photos

UID: 3328
Date: Jun 12, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 150

Notes

Photo shows crew preparing steel beams for off-loading inside the Gale yard.

UID: 3332
Date: Jun 12, 2019
Type: General

Latitude: 34.0653417905749
Longitude: -118.374396680703
Elevation: 41.1859073868051

Notes

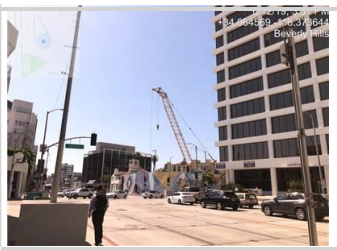
Photo shows view of the crane lowered for repairs in the N Gale yard.

UID: 3330
Date: Jun 12, 2019
Type: General

Latitude: 34.064729044969
Longitude: -118.373561650351
Elevation: 41.1860347559293

Notes

Photo shows view of the Gale yard from Wilshire Blvd.



UID: 3331
Date: Jun 12, 2019
Type: Construction Activity

Latitude: 34.0653768258342
Longitude: -118.374536561885
Elevation: 46.8295288085938

Notes

Photo shows equipment removal from the Gale yard shaft.

UID: 3335
Date: Jun 13, 2019
Type: Construction Activity

Latitude: 34.065254720458
Longitude: -118.37440350592
Elevation: 41.1856908798125

Notes

Photo shows view of soil removal work in the Gale yard.

UID: 3336
Date: Jun 13, 2019
Type: Construction Activity

Latitude: 34.0653296429515
Longitude: -118.374330696175
Elevation: 41.4373515148262

Notes

Photo shows view of equipment maintenance work in the Gale yard.

Photos

UID: 3334
Date: Jun 13, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 149

Notes

Photo shows mechanics repairing the crane inside the Gale yard.

UID: 3333
Date: Jun 13, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 147

Notes

Photo shows crane repair work.

UID: 3340
Date: Jun 14, 2019
Type: Construction Activity

Latitude: 34.065399
Longitude: -118.374374
Elevation: - - -

Notes

Photo shows view of spoil hauling at the Gale yard.

UID: 3341
Date: Jun 14, 2019
Type: Construction Activity

Latitude: 34.065372
Longitude: -118.3741
Elevation: - - -

Notes

Photo shows crew unloading delivery of steel beams in the Gale yard.

UID: 3339
Date: Jun 15, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 155

Notes

Photo shows traffic control entering the N Gale Dr closure in preparation for closure removal.

UID: 3338
Date: Jun 15, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 150

Notes

Photo shows crane hoisting spoils bucket while front loader moved spoils within Gale yard.

Photos

UID: 3337
Date: Jun 15, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 147

Notes

Photo shows forklift clearing loader of accumulated spoils inside 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
June 10, 2019					
SLC-2	6:00	57.5	67	No	Trucks are hauling out spoils from the Gale yard.
SLC-7	6:30	61.8	67	No	Trucks are hauling out spoils from the Gale yard.
SLC-6/L-8	6:50	74.7	79	No	Trucks are hauling out spoils from the Gale yard.
SLC-4/L-9	7:10	60.2	65.2	No	Trucks are hauling out spoils from the Gale yard.
SLC-7	7:40	64.4	69	No	Front loader is cleaning the area around the muck pile.
SLC-2	8:30	60.1	71.7	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-1	9:00	62.8	67.2	No	Crane is hauling spoils from the shaft onto the muck pile. Trucks are hauling spoils from the yard.
SLC-2	10:00	58.1	71.6	No	Crane is hoisting timber into the shaft.
SLC-7	10:30	62.3	71.6	No	Front loader is cleaning the area around the muck pile.
SLC-2	11:00	64.6	71.9	No	Trucks are hauling out spoils from the yard.
SLC-7	11:30	63.1	71.9	No	Trucks are hauling out spoils from the yard.
SLC-2	13:00	60.3	72.9	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	15:57	82.5	71.8	Yes	Construction crane lowering metal pipe into Gale yard shaft. Non-project VCI construction began at 16:00 hours, causing exceedance. Jackhammering at 116 North Gale Drive.
SLC-1	20:20	61.2	64.9	No	Construction ventilation fans are audible but do not produce a noise exceedance. Approximately 60.5 dB of disturbance from ventilation fans at this time and location.
SLC-1	20:41	63.1	64.9	No	Construction ventilation fans are audible but do not produce a noise exceedance. Approximately 61.2 dB of disturbance from ventilation fans at this time and location. Helicopter flying over at 20:56 raised LEQ to 63.5db.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
June 11, 2019					
SLC-7	6:00	57.8	64	No	Crews are working below the deck on Wilshire.
SLC-7	7:00	62.7	69	No	Crews are working below the deck on Wilshire.
SLC-2	7:30	65.6	69	No	Delivery of struts to the Gale yard. Ambient noise: leaf blower.
SLC-1	8:00	61.4	68	No	Delivery of struts to the Gale yard.
SLC-4/L-9	9:00	62.9	66.5	No	Delivery of struts to the Gale yard.
SLC-6/L-8	9:20	74.2	79	No	Delivery of struts to the Gale yard.
SLC-2	10:00	61.8	71.9	No	Crane is hoisting materials into the shaft.
SLC-7	11:00	67.6	71.9	No	Crane is hoisting struts into the Gale shaft. Telehandler dropped strut, causing sudden boom noise.
SLC-2	12:00	60.4	71.9	No	Crews are on lunch.
SLC-2	13:00	62.9	72.9	No	Crews are working below the deck on Wilshire.
SLC-1	18:10	62.3	65.5	No	Construction ventilation fans are audible but do not produce a noise exceedance. Approximately 61.6 dB of disturbance from ventilation fans at this time and location.
SLC-1	20:16	61.3	64.9	No	Construction ventilation fans are audible but do not produce a noise exceedance. Approximately 60.7 dB of disturbance from ventilation fans at this time and location.
SLC-7	22:38	57.7	66	No	Primarily ambient noise reading, crane is audible and underground construction.
June 12, 2019					
SLC-7	6:09	61	64	No	Haul trucks entering Gale yard, being loaded with spoils.
SLC-7	6:29	62	64	No	Haul trucks entering Gale yard, being loaded with spoils.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-7	7:14	63.6	69	No	Crew unloading steel beams from delivery truck inside North Gale road closure.
SLC-7	7:41	63.2	69	No	Crane hoisting equipment into Gale yard shaft.
SLC-1	8:02	62.2	68	No	Crane hoisting equipment and material into Gale yard shaft.
SLC-2	8:27	64.1	71.7	No	Crew cutting lumber in Gale yard, staging materials to be hoisted into Gale yard shaft.
SLC-1	9:08	63.3	67.2	No	Ventilation at La Cienega yard.
SLC-6/L-8	9:26	74.5	79	No	Crane hoisting equipment out of Gale yard shaft. Haul trucks being loaded with spoils inside Gale yard.
SLC-7	10:10	69	71.6	No	Crew moving material inside Gale yard, hosing down yard for dust control.
SLC-9	10:30	61.4	68	No	Ventilation at La Cienega yard.
SLC-1	11:00	61.2	65.7	No	Crew excavating below deck.
SLC-1	12:04	60.7	66	No	Haul trucks hauling spoils from Gale yard shaft.
SLC-6/L-8	12:36	72.2	79	No	Deliveries at Gale yard. Heavy traffic on Wilshire Blvd.
SLC-7	14:00	64.3	72.1	No	Crane is hoisting materials and equipment into the shaft.
SLC-2	14:30	63	72.1	No	Crane is hoisting materials and equipment out of the shaft.
SLC-1	15:00	59.6	67.3	No	Crane is hoisting machinery out of the shaft.
SLC-2	15:30	59.2	72.3	No	Crews are switching shifts.
June 13, 2019					
SLC-7	7:07	58.8	69	No	Crane being repaired inside Gale yard.
SLC-7	8:27	63.8	71.7	No	Repairing the crane inside of Gale yard.
SLC-9	8:54	63.6	70	No	Ventilation at La Cienega yard.
SLC-7	9:35	62.5	71.8	No	Repairing crane inside Gale yard.
SLC-7	10:53	61.4	71.6	No	Repairing crane inside Gale yard.
SLC-1	11:15	62.4	65.7	No	Ventilation at La Cienega yard.
SLC-1	11:31	60.6	65.7	No	Repairing crane inside Gale yard.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-7	12:31	63.3	71.9	No	Crane being repaired inside Gale yard.
SLC-7	21:00	65.6	67	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-2	21:30	63.8	67	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	22:00	62.8	66	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-2	22:30	59.6	66	No	Crane is hauling spoils from the shaft onto the muck pile.
June 14, 2019					
SLC-2	6:00	58.5	64	No	Haul trucks entering and exiting Gale yard.
SLC-7	6:32	60.1	64	No	Haul trucks entering and exiting Gale yard.
SLC-1	7:27	60.9	67.1	No	Ventilation fans running in La Cienega yard.
SLC-2	7:49	65.1	69	No	Crew moving equipment in Gale yard.
SLC-2	8:11	69.3	71.7	No	Crew unloading delivery of steel beam in Gale yard. Truck entering and exiting yard.
SLC-7	8:38	62.2	71.7	No	Delivery truck entering yard with steel delivery.
SLC-7	9:09	61.7	71.8	No	Crew working below deck in Gale yard.
SLC-6/L-8	9:29	74.6	N/A	No	Crew unloading steel beam delivery in Gale yard. Truck entering and exiting yard.
SLC-7	10:26	61.8	71.6	No	Crew working below deck in Gale yard.
SLC-2	10:48	64	71.6	No	Maintenance being performed on crane in Gale yard.
SLC-7	11:18	61	71.9	No	Maintenance being done on crane in Gale yard.
SLC-7	11:45	61.4	71.9	No	Maintenance being done on crane in Gale yard.
SLC-6/L-8	12:19	72.1	N/A	No	Maintenance being done on crane in Gale yard.
SLC-1	12:41	60.7	66	No	Ventilation fans running in La Cienega yard.
SLC-7	12:59	65.1	71.9	No	Crew unloading steel beam delivery in Gale yard.
SLC-2	13:30	65.4	72.9	No	Crew unloading steel delivery from truck in Gale yard. Truck exiting yard.
June 15, 2019					
SLC-7	7:08	66.6	69	No	Street sweeper sweeping inside Gale closure.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	7:31	60.5	69	No	Haul trucks arriving at north Gale closure. Crane hoisting spoils from Gale yard shaft.
SLC-2	8:06	59.6	71.7	No	Haul trucks hauling spoils from Gale yard.
SLC-1	8:31	61.9	68	No	Ventilation at La Cienega yard.
SLC-2	9:00	60.4	71.8	No	Haul trucks hauling spoils from Gale yard. Crane hoisting spoils from Gale yard shaft.
SLC-2	9:19	59.8	71.8	No	Crane hoisting spoils from Gale yard shaft. Haul trucks hauling spoils from Gale yard.
SLC-2	9:36	60	71.8	No	Haul trucks hauling spoils from Gale yard. Crane hoisting spoils from Gale yard shaft.
SLC-6/L-8	10:00	75.8	79	No	Crane hoisting spoils from Gale yard shaft. Street sweeper on Wilshire Blvd.
SLC-1	10:22	65.8	68.1	No	Crane hoisting spoils from Gale yard shaft.
SLC-7	11:31	62.4	71.9	No	Crane hoisting spoils from Gale yard shaft. Haul trucks hauling spoils from Gale yard.
SLC-2	12:37	60.3	71.9	No	Haul trucks hauling spoils from Gale yard. Crane hoisting spoils from Gale yard shaft.
SLC-2	12:54	60.5	71.9	No	Haul trucks hauling spoils from Gale yard. Crane hoisting spoils from Gale yard shaft.
SLC-2	13:14	66	72.9	No	Crane hoisting spoils from Gale yard shaft.