



Environmental
Intelligence, LLC

June 7, 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
May 26, 2019 – June 1, 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 **May 26, 2019 – June 1, 2019**. No construction activities were conducted on May 26 or May 27, 2019.

Construction activities during the week included excavating below deck, lagging below deck, hauling spoils from the Gale shaft, hauling equipment and materials into the Gale yard shaft, hoisting dirt from the shaft and removing spoils from the 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.

Robert Welch
Joseph DeMello
June 7, 2019

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

A handwritten signature in black ink, appearing to read "Jeremiah George", enclosed within a simple, hand-drawn oval border.

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
 5/26/2019 - 6/1/2019



Summaries (9)

Date Tuesday, May 28, 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 May 28, 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 North Gale closure was set up at 05:50 hours and included 4 additional sound barriers. Haul trucks arrived at 06:05 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, May 28, 2019
Monitor Ben Rosenkoetter
Location La Cienega Station
Time 14:00:00 to 23:00:00
Compliant Yes
Summary Contractors/ Subcontractors: STS
 Representatives On-Site: 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 14:00 hours to 23:00 hours on May 28th, 2019. EI ICM Benjamin Rosenkoetter met with STS Foreman Bill Dimalanta to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB.
 Work for the swing shift included excavating below Wilshire Blvd decking and hauling spoils from the Gale shaft.





Attachment A
Daily Monitoring Reports
 5/26/2019 - 6/1/2019



Date Wednesday, May 29, 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), Alex Kay (COBH)
 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 May 29, 2019. EI ICM Yani Pohl 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 06:00 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, May 29, 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); 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 May 29th, 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 excavating below deck, hauling equipment and materials into the shaft, and hauling spoils and debris from the shaft.
 Note: Winds >11mph during the shift

Date Thursday, May 30, 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 May 30, 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 North Gale closure was set up at 05:55 hours and included 4 additional sound barriers. Haul trucks arrived at 06:05 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.





Attachment A
Daily Monitoring Reports
 5/26/2019 - 6/1/2019



Date Thursday, May 30, 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 May 30th, 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 excavating below deck, hauling equipment and materials into the shaft, and hauling spoils and debris from the shaft.

Note: Winds >9mph during the shift

Date Friday, May 31, 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); Bill Dimalanta (STS (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 May 31, 2019. EI ICM Yani Pohl met with STS Foreman Bill Dimalanta 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 05:45 hours and included 4 additional sound barriers. Haul trucks arrived at 06:05 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 Friday, May 31, 2019

Monitor Annamarie Hand

Location La Cienega Station

Time 13:45:00 to 20:45:00

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 20:45 hours on May 31st, 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 excavating below deck, hauling equipment and materials into the shaft, and hauling spoils and debris from the shaft.

Note: Winds >9mph during the shift





Attachment A
Daily Monitoring Reports
5/26/2019 - 6/1/2019



Date Saturday, June 01, 2019

Monitor Ben Rosenkoetter

Location La Cienega Station

Time 13:00:00 to 18:00:00

Compliant Yes

Summary Contractors/ Subcontractors: STS

Representatives On-Site: 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 13:00 hours to 18:00 hours on June 1, 2019. EI ICM Benjamin Rosenkoetter met with STS Foreman Bill Dimalanta to discuss the day's activities. At the beginning of the shift, ICM calibrated the sound meter to 94.00 dB.

Work for the swing shift included excavating below Wilshire Blvd decking and hauling spoils from the Gale shaft.





Photos



Photos (20)

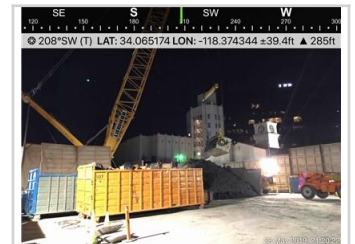
UID: 3258 **Latitude:** 34.06517
Date: May 28, 2019 **Longitude:** -118.37434
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows spoils being lifted from the Gale shaft and being stockpiled within Gale yard.



UID: 3257 **Latitude:** 34.065174
Date: May 28, 2019 **Longitude:** -118.374344
Type: Construction Activity **Elevation:** ---

Notes
 Photo shows spoils being removed from the Gale shaft and stockpiled within the Gale yard.



UID: 3256 **Latitude:** 34.065
Date: May 28, 2019 **Longitude:** -118.374
Type: Construction Activity **Elevation:** 148

Notes
 Photo shows crew unloading I-beams from delivery truck in the Gale yard.



UID: 3255 **Latitude:** 34.065
Date: May 28, 2019 **Longitude:** -118.374
Type: Construction Activity **Elevation:** 160

Notes
 Photo shows delivery truck inside North Gale closure.



UID: 3259 **Latitude:** 34.0652358790504
Date: May 29, 2019 **Longitude:** -118.374313747074
Type: Construction Activity **Elevation:** 41.1855230331421

Notes
 Photo shows crane hauling spoils from the shaft onto the muck pile.





Photos



UID: 3260 **Latitude:** 34.0653446527376
Date: May 29, 2019 **Longitude:** -118.374308690324
Type: Construction Activity **Elevation:** 42.1584091186523

Notes

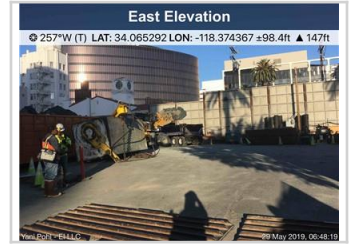
Photo shows crew attaching crane cables to the fuel tanks before they are lowered into the shaft.



UID: 3273 **Latitude:** 34.065292
Date: May 29, 2019 **Longitude:** -118.374367
Type: Construction Activity **Elevation:** - - -

Notes

Photo shows STS crew loading spoils into haul trucks in the Gale yard.



UID: 3272 **Latitude:** 34.065784
Date: May 29, 2019 **Longitude:** -118.374046
Type: Construction Activity **Elevation:** - - -

Notes

Photo shows STS crew setting up the N Gale closure.



UID: 3274 **Latitude:** 34.065224
Date: May 29, 2019 **Longitude:** -118.374046
Type: Construction Activity **Elevation:** - - -

Notes

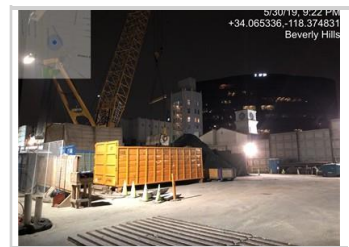
Photo shows STS crew moving lumber in the Gale yard.



UID: 3264 **Latitude:** 34.0652664097954
Date: May 30, 2019 **Longitude:** -118.374349057823
Type: Construction Activity **Elevation:** 41.185746099856

Notes

Photo shows crane hauling spoils from the shaft onto the muck pile.



UID: 3263 **Latitude:** 34.0652291586997
Date: May 30, 2019 **Longitude:** -118.374066791212
Type: Construction Activity **Elevation:** 41.1857862472534

Notes

Photo shows crane hoisting debris from the shaft into the dumpster.





Photos



UID: 3261
Date: May 30, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 151

Notes
Photo shows crew performing crane maintenance inside the Gale yard.



UID: 3262
Date: May 30, 2019
Type: Construction Activity

Latitude: 34.065
Longitude: -118.374
Elevation: 157

Notes
Photo shows haul truck being loaded with spoils inside the Gale yard.



UID: 3275
Date: May 31, 2019
Type: Construction Activity

Latitude: 34.065109
Longitude: -118.374168
Elevation: ---

Notes
Photo shows STS crew loading spoils into haul trucks in the Gale yard.



UID: 3277
Date: May 31, 2019
Type: Construction Activity

Latitude: 34.065178
Longitude: -118.374115
Elevation: ---

Notes
Photo shows crane hauling spoils out of the tunnel.



UID: 3276
Date: May 31, 2019
Type: Construction Activity

Latitude: 34.065464
Longitude: -118.373833
Elevation: ---

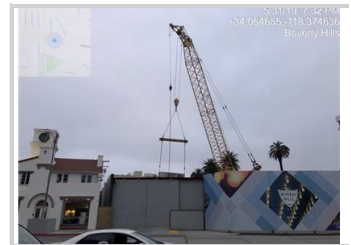
Notes
Photo shows haul trucks arriving at the Gale yard.



UID: 3267
Date: May 31, 2019
Type: Construction Activity

Latitude: 34.0650575650021
Longitude: -118.374481580179
Elevation: 41.9280624389648

Notes
Photo shows crane hauling spoils from the shaft onto the muck pile.





Photos



UID: 3265
Date: May 31, 2019
Type: Construction Activity

Latitude: 34.0652908112549
Longitude: -118.374318223096
Elevation: 42.2033157348633

Notes

Photo shows crane hauling spoils from the shaft onto the muck pile.



UID: 3269
Date: Jun 01, 2019
Type: Construction Activity

Latitude: 34.064823
Longitude: -118.374504
Elevation: - - -

Notes

Photo shows the recently cleaned entrance to the Gale yard via Wilshire Blvd.



UID: 3268
Date: Jun 01, 2019
Type: Construction Activity

Latitude: 34.065201
Longitude: -118.374241
Elevation: - - -

Notes

Photo shows contractor lifting spoils from the Gale shaft and stockpiling.





Attachment B – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
May 28, 2019					
SLC-2	6:15	58.2	64	No	Haul trucks arriving at North Gale closure.
SLC-7	6:33	60.7	64	No	Haul trucks hauling spoils from Gale yard.
SLC-2	7:06	58.2	69	No	Crane hauling equipment into gale yard shaft.
SLC-1	7:35	62.7	67.1	No	Crane hauling equipment into Gale yard shaft. Crew excavating below deck.
SLC-7	7:56	71.5	69	Yes	Non project-related delivery truck with backup alarms on North Gale caused exceedance. Crew unloading I-beams in Gale yard.
SLC-7	8:13	67.2	71.7	No	Crane hoisting I-beams into Gale yard shaft.
SLC-6/L-8	8:34	75.2	79	No	Deliveries of I-beams to Gale yard.
SLC-2	9:01	64.1	71.8	No	Crane hoisting I-beams into Gale yard shaft. Haul trucks arriving at North Gale closure.
SLC-2	9:23	63.8	71.8	No	Haul trucks arriving at North Gale closure, being loaded with spoils in Gale yard.
SLC-9	10:01	63.7	68	No	Ventilation at La Cienega yard.
SLC-7	10:31	64	71.6	No	Haul trucks hauling spoils from Gale yard.
SLC-6/L-8	11:38	73.5	79	No	Crane hoisting spoils from Gale yard shaft. Crew excavating below deck.
SLC-1	11:56	62.7	65.7	No	Ventilation at La Cienega.
SLC-1	12:12	61.4	66	No	Crane hoisting spoils from Gale yard shaft.
SLC-7	13:07	66.5	72.9	No	Crew cleaning out spoils bucket and moving lagging material in Gale yard.
SLC-7	13:23	61.7	72.9	No	Front loader moving spoils within Gale yard.
SLC-7	14:11	64.7	72.1	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-1	14:35	62.3	66.5	No	Ventilation within La Cienega yard ongoing.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-7	15:26	64.9	72.3	No	Conducting maintenance on equipment within Gale yard. Loud banging from construction at adjacent property.
SLC-2	16:00	61.9	71.8	No	Work within Gale yard ongoing.
SLC-7	16:45	66.2	71.8	No	Lifting spoils from Gale shaft into Gale yard.
SLC-2	17:45	64.8	72.4	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-7	18:15	65.2	70	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-2	19:15	63.6	71	No	Excavation working under Wilshire Blvd decking ongoing.
SLC-7	20:16	61.8	68	No	Excavation work below Wilshire Blvd decking ongoing.
SLC-2	20:45	60.8	68	No	Work within Gale yard continues.
SLC-2	22:15	60.6	66	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
May 29, 2019					
SLC-2	6:27	57.4	64	No	STS moving equipment in yard.
SLC-1	7:07	59.3	67.1	No	Ventilation fans running in La Cienega yard.
SLC-7	7:34	70.2	69	Yes	Trucks entering and exiting Gale yard. Non project delivery truck idling next to monitor contributed to noise exceedance.
SLC-7	8:03	64.7	71.7	No	STS crew unloading steel I-beam delivery in Gale yard.
SLC-2	8:26	62.4	71.7	No	Haul trucks entering and exiting Gale yard.
L-7	8:50	62.1	68	No	Ventilation fans running in La Cienega yard.
SLC-6A	9:16	73.2	N/A	No	STS crew lowering steel I-beams into tunnel.
SLC-7	9:41	63.7	71.8	No	STS crew lowering steel I-beams into tunnel.
SLC-2	10:13	59.7	71.6	No	STS crew lowering steel I-beams into tunnel in Gale yard.
SLC-7	10:31	61.6	71.6	No	STS crew working below deck.
SLC-1	11:01	64.8	65.7	No	Ventilation fans running in the La Cienega yard.
SLC-6A	11:27	70.8	N/A	No	Haul trucks entering and exiting Gale yard.
SLC-7	11:47	60.8	71.9	No	STS crew working below deck and moving lumber in yard.
SLC-7	12:41	65.1	71.9	No	STS crew working below deck.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-1	13:01	61.3	65.8	No	STS crew working below deck. Ventilation fans running in La Cienega yard.
SLC-7	13:22	68	72.9	No	STS crew working below deck. Sweeper cleaning street in Gale closure.
SLC-2	18:00	62.3	70	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-1	19:00	63.4	67.2	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	20:00	63.4	68	No	Crane is hauling spoils from the shaft onto the muck pile. Ambient noise: sports car.
SLC-7	21:00	64.5	67	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-2	22:00	62.8	66	No	Crane is hauling spoils from the shaft onto the muck pile.
May 30, 2019					
SLC-2	6:18	58.2	64	No	Crew performing crane maintenance inside Gale yard. Haul trucks arriving at North Gale closure.
SLC-7	6:34	61.1	64	No	Haul trucks hauling spoils from Gale yard.
SLC-1	7:03	59.3	67.1	No	Haul trucks hauling spoils from Gale yard.
SLC-2	7:22	60.2	69	No	Crew moving material and equipment in Gale yard.
SLC-6/L-8	8:00	75.9	79	No	Crane hoisting materials and equipment into Gale yard shaft.
SLC-1	8:27	62.3	68	No	Ventilation at La Cienega yard.
SLC-7	9:05	62.8	71.8	No	Crew excavating below deck. Haul trucks arriving at North Gale closure.
SLC-2	9:23	62.6	71.8	No	Haul trucks hauling spoils from Gale yard.
SLC-9	9:53	62.2	68	No	Ventilation at La Cienega.
SLC-1	10:14	61.3	68.1	No	Crew excavating below deck.
SLC-2	10:32	59.2	71.6	No	Haul trucks hauling spoils from Gale yard.
SLC-1	11:46	62.1	65.7	No	Ventilation at La Cienega yard.
SLC-7	12:08	63.8	71.9	No	Crew putting scrap material in dumpster in Gale yard.
SLC-1	12:30	63.2	66	No	Crew cleaning up Gale yard. Haul trucks hauling spoils from Gale yard.
SLC-7	13:12	63.8	72.9	No	Crew sweeping inside Gale yard.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-7	14:00	63.5	72.1	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-1	15:00	61.1	67.3	No	Shifts are trading out in the yard.
SLC-7	16:00	64.2	71.8	No	Crane is hoisting debris from the shaft into the dumpster.
SLC-7	17:00	66.7	72.4	No	Crane is hauling spoils from the shaft onto the muck pile. Ambient noise: motorcycle.
SLC-2	18:00	62.7	70	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	19:00	64.3	71	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	20:00	62.8	68	No	Crew is at lunch. Ambient noise: locals unloading a moving truck.
SLC-7	21:00	66.4	67	No	Crane is hauling spoils from the shaft onto the muck pile. Ambient noise: sports car; motorcycle.
SLC-2	22:00	56.9	66	No	Crane is hauling spoils from the shaft onto the muck pile.
May 31, 2019					
SLC-7	5:46	57.7	59	No	STS crew setting up in Gale closure.
SLC-7	6:11	60.5	64	No	Haul trucks entering and exiting Gale yard.
SLC-1	7:01	60.6	67.1	No	Ventilation fans running in La Cienega yard.
SLC-2	7:22	67.9	69	No	STS crew working below deck in Gale yard.
SLC-7	7:48	62.9	62.9	No	STS crew working below deck in Gale yard.
SLC-2	8:22	71.5	71.7	No	STS crew working below deck in Gale yard.
SLC-2	8:47	63.5	71.7	No	Haul trucks entering and exiting Gale yard.
L-7	9:16	62.1	67.2	No	Ventilation fans running in La Cienega yard.
SLC-6A	9:39	74.5	N/A	No	Haul trucks entering and exiting Gale yard.
SLC-7	10:04	60.9	71.6	No	STS crew working below deck, crane hauling spoils out of tunnel in Gale yard.
SLC-2	10:29	59	71.6	No	STS crew working below deck, crane removing spoils from tunnel in Gale yard.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-7	11:00	63.2	71.9	No	Haul trucks entering and exiting Gale yard.
SLC-1	11:44	61.7	65.7	No	STS crew working below deck in Gale yard.
SLC-7	12:07	61.4	71.9	No	Trucks entering and exiting Gale yard.
SLC-2	12:33	66.7	71.9	No	STS crew working below deck in Gale yard.
SLC-6A	13:13	73.4	N/A	No	STS removing spoils from tunnel in Gale yard.
SLC-2	14:00	69.3	72.1	No	Crews are switching shifts in the yard. Ambient noise: tow truck.
SLC-7	16:30	66.3	71.8	No	Crane is hauling spoils from the shaft onto the muck pile. Ambient noise: delivery truck.
SLC-2	17:30	62.5	72.4	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	18:30	63.6	70	No	Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	19:30	63.4	71	No	Crane is hauling spoils from the shaft onto the muck pile.
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SLC-7	6:09	60.8	64	No	Haul trucks entering and exiting Gale yard.
SLC-7	6:28	62.4	64	No	Haul trucks entering and exiting Gale yard.
SLC-1	7:02	56.2	67.1	No	Crane removing spoils from tunnel in Gale yard.
SLC-7	7:48	66.8	69	No	Haul trucks entering and exiting Gale yard.
SLC-2	8:14	62.6	71.7	No	Haul trucks entering and exiting Gale yard.
SLC-2	8:33	65.9	71.7	No	Haul trucks entering and exiting Gale yard.
L-7	9:18	61.9	67.2	No	Ventilation fans running in La Cienega yard.
SLC-6A	9:42	73.3	N/A	No	Haul trucks entering and exiting Gale yard, crane removing spoils from tunnel in Gale yard.
SLC-7	10:04	61.8	71.6	No	Haul trucks entering and exiting Gale yard and crane removing spoils from tunnel in Gale yard.
SLC-7	13:36	63.9	72.9	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-1	14:23	62.7	66.5	No	Ventilation within La Cienega yard ongoing.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	14:50	63.2	72.1	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-7	15:36	62.7	72.3	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-2	16:53	61	71.8	No	Lifting spoils from Gale shaft and stockpiling within Gale yard.
SLC-7	17:34	62.8	72.3	No	Crews leaving site.