



December 26, 2018

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
December 16, 2018 – December 22, 2018

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 **December 16, 2018 – December 22, 2018**. No construction activities occurred on December 16 or December 22, 2018.

Construction activities during the week included hauling soil out of the Gale yard; stockpiling soil in the Gale yard; conducting dewatering well maintenance along Wilshire Blvd. between Tower Dr. and La Cienega Blvd.; as well as lagging, excavating, packing, and installing struts and walers below deck. 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
December 26, 2018

CONCLUSION

To date, 189 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
12/16/2018 - 12/22/2018



Summaries (10)

Date	Monday, December 17, 2018
Monitor	Annamarie Hand
Location	La Cienega Station
Time	14:45:00 to 23:30:00
Compliant	Yes
Summary	<p>Contractors/Subcontractors: STS</p> <p>Representatives On-Site: Bill Dimalanta (STS); Richard Garcia (Metro)</p> <p>Work Location(s): Gale Yard; below deck along Wilshire Blvd.</p> <p>The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 14:45 hours to 23:30 hours on December 17th, 2018. EI ICM Annamarie Hand met with STS Superintendent Bill Dimalanta to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.</p> <p>Work for the day included stockpiling soil in the Gale Yard, lagging below deck, and excavating below deck.</p>
Date	Monday, December 17, 2018
Monitor	Daniel Chang
Location	La Cienega Station
Time	06:00:00 to 15:00:00
Compliant	Yes
Summary	<p>Contractors/Subcontractors: STS; Mad Transportation; Century Sweeping</p> <p>Representatives On-Site: Jacob Ravaghi (STS); Lorena Vela (STS); Tarek Hamdi (Metro); Aaron Jayne (Metro); David Ramirez (Psomas)</p> <p>Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.</p> <p>The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 15:00 hours on December 17th, 2018. EI ICM Daniel Chang met with STS Superintendent Jacob Ravaghi and Metro Inspector Tarek Hamdi 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).</p> <p>Work for the day included hauling soil out of the Gale Yard; receiving lagging and strut deliveries in the Gale Yard; as well as excavating, installing walers, and packing below deck.</p> <p>Crews began operating the crane in the Gale Yard at 07:20 hours, but it was operated at a low rpm, and its use did not produce a noise exceedance.</p>





Attachment A
Daily Monitoring Reports
12/16/2018 - 12/22/2018



Date	Tuesday, December 18, 2018
Monitor	Daniel Chang
Location	La Cienega Station
Time	06:00:00 to 15:00:00
Compliant	Yes
Summary	<p>Contractors/Subcontractors: STS; Century Sweeping</p> <p>Representatives On-Site: Jacob Ravaghi (STS); Howard Jordan (STS); Lorena Vela (STS); Aaron Jayne (Metro); David Ramirez (Psomas)</p> <p>Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.; eastbound number three lane of Wilshire Blvd. between La Cienega Blvd. and Tower Dr.</p> <p>The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 15:00 hours on December 18th, 2018. EI ICM Daniel Chang met with STS Superintendent Jacob Ravaghi and Metro Inspector Aaron Jayne 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).</p> <p>Work for the day included receiving waler deliveries in the Gale Yard; hoisting lagging and walers into the Gale shaft; conducting dewatering well maintenance along Wilshire Blvd. between La Cienega Blvd. and Tower Dr.; as well as excavating, lagging, and installing walers below deck.</p> <p>Crews began operating the crane in the Gale Yard at 07:15 hours, but it was operated at a low rpm, and its use did not produce a noise exceedance.</p>
Date	Tuesday, December 18, 2018
Monitor	Annamarie Hand
Location	La Cienega Station
Time	14:45:00 to 23:30:00
Compliant	Yes
Summary	<p>Contractor/Subcontractors: STS</p> <p>Representatives On-Site: Bill Dimalanta (STS); Richard Garcia (Metro); Grover Williams (Metro)</p> <p>Work Location(s): Gale Yard; below deck along Wilshire Blvd.</p> <p>The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 14:45 hours to 23:30 hours on December 18th, 2018. EI ICM Annamarie Hand met with STS Superintendent Bill Dimalanta to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.</p> <p>Work for the day included stockpiling soil in the Gale Yard, hoisting a waler into the Gale shaft, excavating below deck, and lagging below deck.</p>
Date	Wednesday, December 19, 2018
Monitor	Annamarie Hand
Location	La Cienega Station
Time	16:45:00 to 23:30:00
Compliant	Yes
Summary	<p>Contractors/Subcontractors: STS</p> <p>Representatives On-Site: Bill Dimalanta (STS); Andrew Baldwin (Metro)</p> <p>Work Location(s): Gale Yard; below deck along Wilshire Blvd.</p> <p>The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 16:45 hours to 23:30 hours on December 19th, 2018. EI ICM Annamarie Hand met with STS Superintendent Bill Dimalanta to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.</p> <p>Work for the day included stockpiling soil in the Gale Yard, excavating below deck, and lagging below deck.</p>





Attachment A
Daily Monitoring Reports
12/16/2018 - 12/22/2018



Date Wednesday, December 19, 2018
Monitor Daniel Chang
Location La Cienega Station
Time 06:00:00 to 17:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Century Sweeping; Mad Transportation

Representatives On-Site: Jacob Ravaghi (STS); Howard Jordan (STS); Lorena Vela (STS); Aaron Jayne (Metro); Tarek Hamdi (Metro); David Ramirez (Psomas)

Work Location(s): Gale Yard; N. Gale Dr. closure; below deck along Wilshire Blvd.; westbound number three lane of Wilshire Blvd. between La Cienega Blvd. and Tower Dr.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 06:00 hours to 17:00 hours on December 19th, 2018. EI ICM Daniel Chang met with STS Superintendent Jacob Ravaghi and Metro Inspector Tarek Hamdi 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 out of the Gale Yard; conducting dewatering well maintenance along the north side of Wilshire Blvd. between La Cienega Blvd. and Tower Dr.; street sweeping the site; as well as excavating, installing walers, and lagging below deck.

Crews began operating the crane in the Gale Yard at 07:10 hours, but it was operated at a low rpm, and its use did not produce a noise exceedance.

Date Thursday, December 20, 2018
Monitor Heather Bell
Location La Cienega Station
Time 06:15:00 to 15:00:00
Compliant Yes
Summary Contractors/Subcontractors: STS; Century Sweeping; Mad Transportation; DCD Electric

Representatives On-Site: Jacob Ravaghi (STS); Howard Jordan (STS); Lorena Vela (STS); Aaron Jayne (Metro); Grover Williams (Metro); Tarek Hamdi (Metro); David Ramirez (Psomas)

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 06:15 hours to 15:00 hours on December 20th, 2018. EI ICM Heather Bell met with STS Superintendent Jacob Ravaghi and Metro Inspector Tarek Hamdi 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 out of the Gale Yard, receiving strut deliveries in the Gale Yard, street sweeping the site, as well as excavating and lagging below deck.

Crews began operating the crane in the Gale Yard at 06:52 hours, but it was operated at a low rpm, and its use did not produce a noise exceedance.





Attachment A

Daily Monitoring Reports

12/16/2018 - 12/22/2018



Date Thursday, December 20, 2018

Monitor Annamarie Hand

Location La Cienega Station

Time 14:45:00 to 22:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS

Representatives On-Site: Bill Dimalanta (STS); Richard Garcia (Metro); Grover Williams (Metro)

Work Location(s): Gale 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 14:45 hours to 22:00 hours on December 20th, 2018. EI ICM Annamarie Hand met with STS Superintendent Bill Dimalanta to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

Work for the day included stockpiling soil in the Gale Yard, hoisting a strut into the Gale shaft, excavating below deck, and lagging below deck.

Date Friday, December 21, 2018

Monitor Daniel Chang

Location La Cienega Station

Time 06:00:00 to 15:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS; Mad Transportation; Century Sweeping

Representatives On-Site: Jacob Ravaghi (STS); Lorena Vela (STS); Tarek Hamdi (Metro); Aaron Jayne (Metro); David Ramirez (Psomas)

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 06:00 hours to 15:00 hours on December 21st, 2018. EI ICM Daniel Chang met with STS Superintendent Jacob Ravaghi and Metro Inspector Tarek Hamdi 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 out of the Gale Yard; conducting dewatering well maintenance along Wilshire Blvd.; receiving straw wattle and sandbag deliveries in the Gale Yard; as well as excavating, lagging, packing, and installing walers below deck.

Crews began operating the crane in the Gale Yard at 07:15 hours, but it was operated at a low rpm, and its use did not produce a noise exceedance.

Date Friday, December 21, 2018

Monitor Annamarie Hand

Location La Cienega Station

Time 14:45:00 to 20:00:00

Compliant Yes

Summary Contractors/Subcontractors: STS

Representatives On-Site: Bill Dimalanta (STS); Richard Garcia (Metro)

Work Location(s): Gale Yard

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 14:45 hours to 20:00 hours on December 21st, 2018. EI ICM Annamarie Hand met with STS Superintendent Bill Dimalanta to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB.

Work for the day included stockpiling soil in the Gale Yard, excavating below deck, and lagging below deck.





Photos



Photos (35)

UID: 2492 **Latitude:** 34.065408
Date: Dec 17, 2018 **Longitude:** -118.37448
Type: Construction Activity **Elevation:** ---

Notes

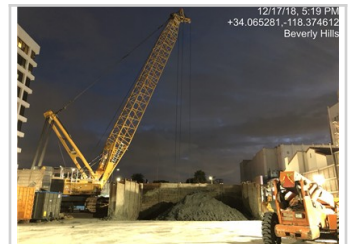
Photo shows a crew member removing cables from the muck bucket in the Gale Yard.



UID: 2490 **Latitude:** 34.06542
Date: Dec 17, 2018 **Longitude:** -118.37452
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS hoisting soil from the Gale shaft.



UID: 2491 **Latitude:** 34.065417
Date: Dec 17, 2018 **Longitude:** -118.374454
Type: Construction Activity **Elevation:** ---

Notes

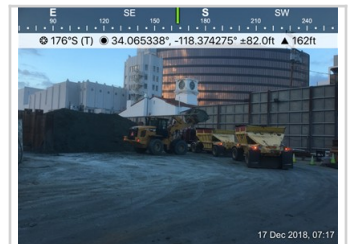
Photo shows STS hoisting soil from the Gale shaft.



UID: 2485 **Latitude:** 34.0653
Date: Dec 17, 2018 **Longitude:** -118.3742
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS loading soil into haul trucks in the Gale Yard.



UID: 2488 **Latitude:** 34.065353
Date: Dec 17, 2018 **Longitude:** -118.37418
Type: Construction Activity **Elevation:** ---

Notes

Photo shows STS unloading a lagging delivery in the Gale Yard.





Photos



UID: 2489
Date: Dec 17, 2018
Type: Construction Activity

Latitude: 34.0653
Longitude: -118.37418
Elevation: ---

Notes

Photo shows STS unloading a strut delivery in the Gale Yard.

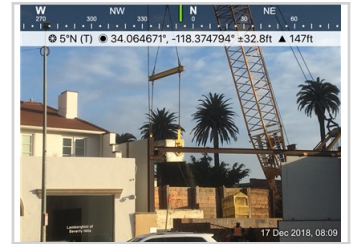


UID: 2487
Date: Dec 17, 2018
Type: Construction Activity

Latitude: 34.06469
Longitude: -118.37467
Elevation: ---

Notes

Photo shows STS dumping soil into the muck pit in the Gale Yard.

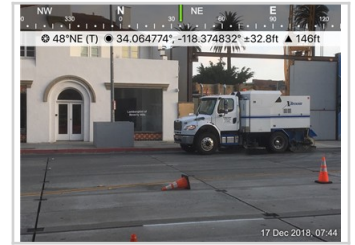


UID: 2486
Date: Dec 17, 2018
Type: Construction Activity

Latitude: 34.06469
Longitude: -118.37467
Elevation: ---

Notes

Photo shows Century Sweeping street sweeping near the Wilshire Blvd. entrance to the Gale Yard.

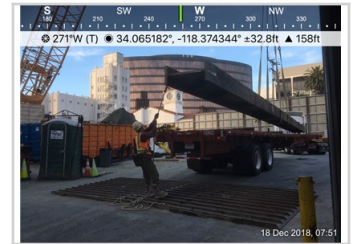


UID: 2493
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.0653
Longitude: -118.37418
Elevation: ---

Notes

Photo shows STS unloading a water delivery in the Gale Yard.



UID: 2496
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.06476
Longitude: -118.3749
Elevation: ---

Notes

Photo shows STS conducting dewatering well maintenance on the south side of Wilshire Blvd. in front of the Saban.



UID: 2495
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.064842
Longitude: -118.37525
Elevation: ---

Notes

Photo shows part of the closure STS set up in the number three eastbound lane of Wilshire Blvd. between La Cienega Blvd. and Tower Dr.





Photos

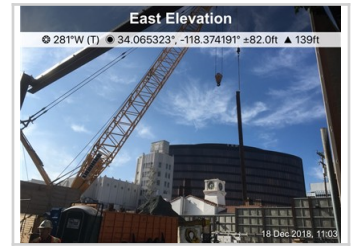


UID: 2497
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.065323
Longitude: -118.374191
Elevation: ---

Notes

Photo shows STS lowering a waler into the Gale shaft.



UID: 2494
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.06487
Longitude: -118.37546
Elevation: ---

Notes

Photo shows STS conducting dewatering well maintenance on the south side of Wilshire Blvd. between La Cienega Blvd. and Hamilton Dr.



UID: 2498
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.06469
Longitude: -118.37467
Elevation: ---

Notes

Photo shows STS lowering a waler into the Gale shaft.

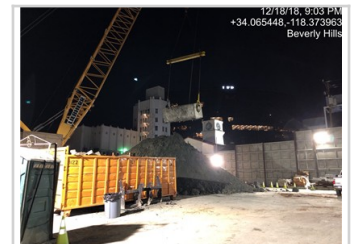


UID: 2500
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.06528
Longitude: -118.3742
Elevation: ---

Notes

Photo shows STS dumping excavated spoils into the muck pit in the Gale Yard.

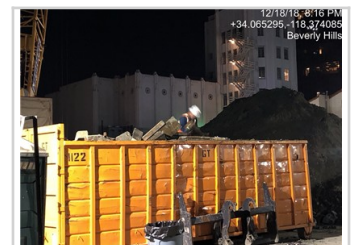


UID: 2499
Date: Dec 18, 2018
Type: Construction Activity

Latitude: 34.06529
Longitude: -118.37423
Elevation: ---

Notes

Photo shows STS flattening debris in the dumpster in the Gale Yard.

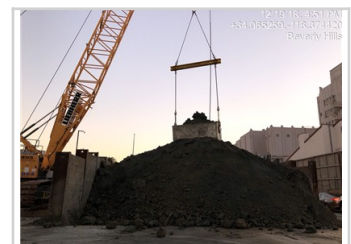


UID: 2504
Date: Dec 19, 2018
Type: Construction Activity

Latitude: 34.065259
Longitude: -118.37442
Elevation: ---

Notes

Photo shows STS hoisting excavated soil out of the Gale shaft.





Photos



UID: 2505
Date: Dec 19, 2018
Type: Construction Activity

Latitude: 34.065262
Longitude: -118.3744
Elevation: - - -

Notes

Photo shows STS dumping soil into the muck pit in the Gale Yard.

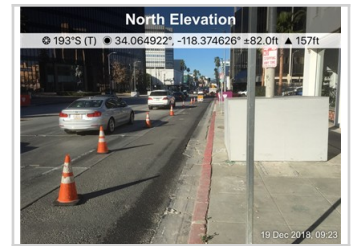


UID: 2502
Date: Dec 19, 2018
Type: Construction Activity

Latitude: 34.064922
Longitude: -118.374626
Elevation: - - -

Notes

Photo shows part of the lane closure STS set up in the westbound number three lane of Wilshire Blvd. between La Cienega Blvd. and Tower Dr.



UID: 2503
Date: Dec 19, 2018
Type: Construction Activity

Latitude: 34.06513
Longitude: -118.37549
Elevation: - - -

Notes

Photo shows STS conducting dewatering well maintenance along the north side of Wilshire Blvd. between Hamilton Dr. and La Cienega Blvd.



UID: 2501
Date: Dec 19, 2018
Type: Construction Activity

Latitude: 34.06528
Longitude: -118.37419
Elevation: - - -

Notes

Photo shows STS loading soil into haul trucks in the Gale Yard.



UID: 2507
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.0653
Longitude: -118.3742
Elevation: - - -

Notes

Photo shows a crew member operating a loader in the Gale Yard.



UID: 2506
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.06532
Longitude: -118.37419
Elevation: - - -

Notes

Photo shows crews preparing to lower equipment into the Gale shaft.





Photos

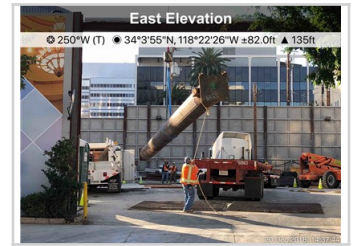


UID: 2509
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.06525
Longitude: -118.37405
Elevation: ---

Notes

Photo shows STS unloading a strut delivery in the Gale Yard.



UID: 2508
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.0656
Longitude: -118.37405
Elevation: ---

Notes

Photo shows a strut delivery arriving to the Gale Yard.



UID: 2511
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.06535
Longitude: -118.3742
Elevation: ---

Notes

Photo shows crews lowering a strut into the Gale shaft.

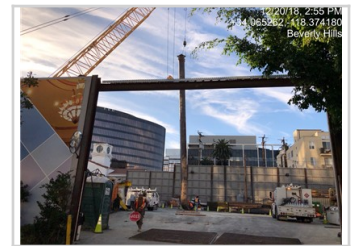


UID: 2510
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.065262
Longitude: -118.37416
Elevation: ---

Notes

Photo shows crews preparing to lower a strut into the Gale shaft.

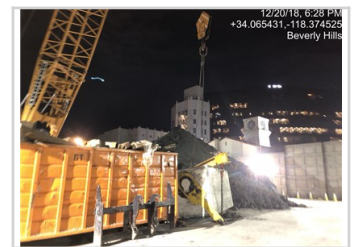


UID: 2512
Date: Dec 20, 2018
Type: Construction Activity

Latitude: 34.0653
Longitude: -118.37425
Elevation: ---

Notes

Photo shows crews using the crane to lift the muck bucket in the Gale Yard.

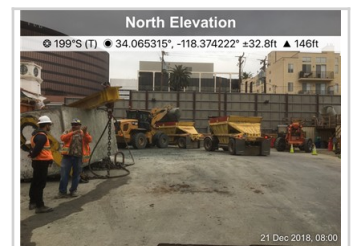


UID: 2514
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.065315
Longitude: -118.3742
Elevation: ---

Notes

Photo shows STS loading soil into a haul truck in the Gale Yard.





Photos



UID: 2515
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.06475
Longitude: -118.3749
Elevation: ---

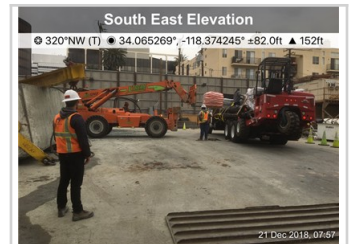
Notes
Photo shows Century Sweeping street sweeping along the north side of Wilshire Blvd. between Gale Dr. and Hamilton Dr.



UID: 2513
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.0653
Longitude: -118.3742
Elevation: ---

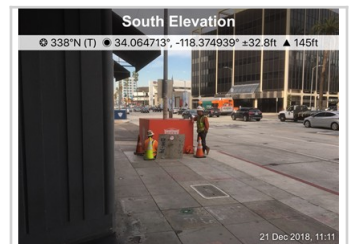
Notes
Photo shows crews receiving a delivery of straw wattles and sandbags in the Gale Yard.



UID: 2516
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.06475
Longitude: -118.374939
Elevation: ---

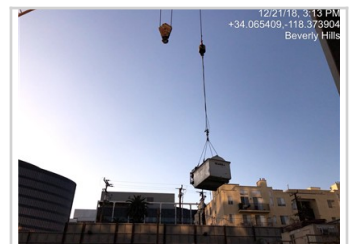
Notes
Photo shows crews conducting dewatering well maintenance at the southeast corner of Hamilton Dr./Wilshire Blvd.



UID: 2517
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.0653
Longitude: -118.37424
Elevation: ---

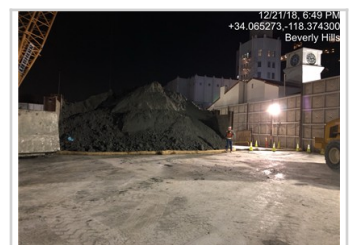
Notes
Photo shows crews lowering equipment into the Gale shaft.



UID: 2519
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.06533
Longitude: -118.37426
Elevation: ---

Notes
Photo shows crews setting up weather-proofing measures in the Gale Yard.



UID: 2518
Date: Dec 21, 2018
Type: Construction Activity

Latitude: 34.06529
Longitude: -118.37423
Elevation: ---

Notes
Photo shows crews hoisting excavated spoils out of the Gale shaft.





Attachment B – Noise Monitoring Data Log

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
December 17, 2018					
SLC-2	6:18	71.4	64	N/P	Noise was exclusively ambient. The exceedance was produced by a non-project delivery truck operating near the sound meter.
SLC-2	6:36	57	64	No	Noise was primarily ambient. Cars pulling into Gale Yard, opening gate, and workers arriving.
SLC-2	7:08	69.2	69	N/P	Haul trucks moving into Gale Yard and loading. Crane starting. The exceedance was produced by a garbage truck operating near the sound meter.
SLC-6/L-8	7:30	74.1	79	No	Loading haul trucks with excavated material and street sweeping around Gale Yard.
SLC-6/L-8	8:09	74.7	79	No	Crane hoisting material out of shaft and haul trucks transporting excavated material off site.
SLC-6/L-8	8:45	75.5	79	No	Crane hoisting material out of shaft and haul trucks transporting excavated material off site.
SLC-2	9:12	66.6	71.8	No	Loading haul trucks and transporting material off site.
SLC-7	9:40	61.2	71.8	No	Loading haul trucks and transporting material off site.
SLC-7	10:05	62.3	71.6	No	Trucks hauling and car traffic.
SLC-6/L-8	10:57	75.3	79	No	Crane hoisting material out of shaft and haul trucks transporting excavated material off site.
SLC-7	12:58	65.7	72.9	No	Strut delivery at the Gale Yard and construction street sweepers were cleaning N Gale closure.
SLC-7	13:15	68.1	72.9	No	Unloading struts from delivery truck.
SLC-7	13:31	64.2	72.9	No	Strut delivery unloading.
SLC-7	14:00	64.4	72.1	No	Unloading lagging delivery.
SLC-7	14:25	65.5	72.1	No	Lowering struts into Gale shaft.
SLC-7	14:45	64.5	72.1	No	Day crew is switching with the swing shift.
SLC-6/L-8	15:05	75	79	No	Crane is hoisting materials in and out of the shaft.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-4/L-9	15:30	62.2	67	No	Crane is hoisting materials in and out of the shaft.
SLC-2	16:00	63	71.8	No	Crane is hoisting materials in and out of the shaft; crews are lagging below the deck on Wilshire.
SLC-7	16:30	64.5	71.8	No	Crews are excavating and lagging below the deck on Wilshire; crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-1	17:00	63.5	67.6	No	Crews are lagging and excavating below the deck on Wilshire; crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	17:30	65.6	72.4	No	Crews are lagging and excavating below the deck on Wilshire; crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	18:00	66.6	70	No	Crane is hoisting excavated spoils from the shaft onto the muck pile. Ambient: car alarm
SLC-1	18:30	63	65.5	No	Crane is hoisting excavated spoils from the shaft onto the muck pile. Ambient: Fire trucks and Ambulance
SLC-7	19:30	65	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	20:00	62.4	68	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-1	20:30	59.2	64.9	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	21:00	63	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	21:30	59.7	67	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	22:00	61.7	66	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	22:30	59.5	66	No	Crane is lowering tanks into the shaft to refuel equipment.
December 18, 2018					
SLC-7	6:21	57.1	64	No	Noise was exclusively ambient; cars driving on Gale.
SLC-7	6:41	59.2	64	No	Noise was primarily ambient; workers arriving, cars pulling into Gale Yard, and crews setting up closure on N Gale. Crews began operating the crane in the Gale Yard.
SLC-7	7:11	62.5	69	No	Moving equipment into shaft with crane.
SLC-7	8:20	62.5	71.7	No	Welding and additional waler work in Gale Yard.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	8:40	63.1	71.7	No	Receiving waler delivery at the Gale Yard.
SLC-7	9:10	64.3	71.8	No	Receiving waler delivery at the Gale Yard.
SLC-7	9:30	66.1	71.8	No	Waler delivery and moving forklift to Wilshire to maintain dewatering wells.
SLC-6/L-8	10:10	74.4	79	No	Crane operation in Gale Yard, maintenance of dewatering wells on Wilshire.
SLC-6/L-8	10:30	75.8	79	No	Maintaining dewatering well in front of Saban Theatre.
SLC-4/L-9	11:23	62.6	65.6	No	Crane operation in Gale Yard and maintaining dewatering wells on Wilshire Blvd.
SLC-7	12:32	60.5	71.9	No	Work within Gale Yard and in shaft. Crane moving waler.
SLC-6/L-8	12:52	77	79	No	Dewatering well maintenance with forklift on Wilshire.
SLC-4/L-9	13:12	62.6	65.6	No	Crane moving lagging into shaft, dewatering well work on Wilshire.
SLC-1	13:35	62.7	65.8	No	Gale Yard work and Maintenance on dewatering wells on Wilshire.
SLC-2	13:55	64.2	72.1	No	Welding in Gale Yard and lowering walers into shaft.
SLC-4/L-9	14:22	64.6	66.1	No	Work in Gale Yard and picking up Wilshire closure.
SLC-6/L-8	16:00	76.7	79	No	Crane is lowering walers into the Gale shaft.
SLC-7	16:30	68.4	71.8	No	Crews are lagging below the deck; crane is lowering materials into the shaft.
SLC-4/L-9	17:00	62.8	66	No	Crane is lowering materials into the shaft.
SLC-1	17:30	63	67.3	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	18:00	65.1	70	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	18:30	63.4	70	No	Crane is hoisting excavated spoils from shaft onto the muck pile.
SLC-2	19:30	61.3	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	20:00	63.7	68	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	20:30	60.3	68	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	21:00	62.4	67	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	21:30	61.5	67	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	22:00	63	66	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	22:30	59	66	No	Crane is lowering tanks into the shaft to refuel equipment below the deck.
December 19, 2018					
SLC-2	6:15	56.7	64	No	Noise was exclusively ambient, cars driving by.
SLC-7	6:41	62.1	64	No	Noise was primarily ambient, cars pulling into Gale Yard, moving equipment into Gale Yard.
SLC-2	7:12	63	69	No	Haul trucks arriving, crane operation starting in Gale Yard.
SLC-4/L-9	7:33	66.1	65.2	N/P	Haul trucks loading and transporting excavated material off site. The exceedance was produced by a garbage truck operating near the sound meter.
SLC-6/L-8	7:51	75.7	79	No	Trucks hauling excavated material off site.
SLC-1	8:11	63.5	68	No	Haul truck loading and transport.
SLC-7	8:41	63.8	71.7	No	Trucks hauling and transporting excavated material.
SLC-4/L-9	9:03	61.1	67	No	Trucks hauling and transporting excavated material.
SLC-1	9:26	63.9	67.2	No	Maintenance on dewatering wells westbound number 3 lane on Wilshire. Work in Gale Yard.
SLC-7	9:48	72.6	71.8	N/P	Load out of excavated material. The exceedance was produced by sirens and a non-project delivery truck nearby.
SLC-1	10:13	63.3	68.1	No	Maintenance on dewatering wells on Wilshire and load out at Gale Yard.
SLC-2	10:35	62.3	71.6	No	Haul trucks and dewatering well maintenance.
SLC-7	11:13	65.2	71.9	No	Hauling excavated material, dewatering well maintenance.
SLC-4/L-9	11:42	62.3	65.6	No	Soil hauling, hoisting material with crane, dewatering well maintenance.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-6/L-8	12:01	74	79	No	Trucks hauling soil out of the Gale Yard.
SLC-7	12:28	62.9	71.9	No	Trucks were hauling soil out of the Gale Yard.
SLC-7	13:00	62.2	72.9	No	Trucks were hauling soil out of the Gale Yard.
SLC-4/L-9	13:21	60.6	65.6	No	Trucks were hauling soil out of the Gale Yard, and crews were conducting dewatering well maintenance on Wilshire.
SLC-6/L-8	13:39	74.7	79	No	Gale Yard work and dewatering well maintenance on Wilshire.
SLC-1	14:02	67.3	66.5	N/P	Gale Yard work, haul trucks, dewatering well maintenance. The exceedance was produced by a Lamborghini driving on Hamilton from the dealership.
SLC-7	14:43	63.2	72.1	No	Gale Yard truck loading and hauling, moving forklift into Gale Yard, traffic on Gale Drive.
SLC-2	15:30	66.7	72.3	No	Crews operating crane in the Gale Yard and hauling soil out of the Yard.
SLC-4/L-9	16:00	62.3	66.5	No	Crews operating the crane in the Gale Yard.
SLC-6/L-8	16:17	75.2	79	No	Crews were hoisting soil out of the Gale shaft and dumping it into the muck pit.
SLC-7	17:00	64.7	72.4	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-1	17:30	63.4	67.6	No	Crane is hoisting excavated spoils from the shaft onto the muck pile
SLC-4/L-9	18:00	63.1	65.3	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	18:30	65.8	70	No	Crane is hoisting excavated spoils from shaft onto the muck pile.
SLC-2	19:00	64.2	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	19:30	63.9	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-1	20:00	61.3	64.9	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	20:30	61	66	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	21:00	62.9	67	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-1	21:31	60.7	65.1	No	Crane is hoisting excavated spoils from the shaft onto the muck pile



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	22:00	61.2	66	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	22:30	61.1	66	No	Crane is lowering tanks into the shaft to refuel equipment.
December 20, 2018					
SLC-7	6:45	62.7	64	No	Operating crane in Gale Yard, most noise coming from N/P sirens.
SLC-2	7:22	66	69	No	Commuter traffic.
SLC-6/L-8	7:58	64.4	79	No	Commuter traffic and haul trucks exiting Gale Yard.
SLC-5	8:15	65.4	71	No	Relatively quiet trucks leaving Gale Yard.
SLC-7	8:36	60.3	71.7	No	Crane work in Gale Yard.
SLC-7	9:09	66.6	71.8	No	Trucks arriving to Gale Yard.
SLC-2	9:35	65.3	71.8	No	Trucks arriving to Gale Yard, loud truck horn.
SLC-6/L-8	9:56	74.9	79	No	Commuter traffic and trucks leaving Gale Yard
SLC-7	10:42	58.8	71.6	No	Trucks arriving to Gale Yard.
SLC-5	11:06	61.6	70	No	Noisy non-project vehicle near sound meter.
SLC-7	11:54	62.5	71.9	No	Work stalled for lunch.
SLC-2	12:56	63.3	71.9	No	Waiting for struts to arrive.
SLC-2	13:22	65.9	72.9	No	Struts arriving to Gale Yard.
SLC-7	14:18	62.6	72.9	No	Struts arriving to Gale Yard.
SLC-7	15:00	66.4	72.3	No	Crews are excavating and lagging below the deck on Wilshire; crane hoisted one strut into Gale shaft.
SLC-6/L-8	15:30	75.4	79	No	Crews are excavating and lagging below the deck on Wilshire; crane is hoisting materials into the shaft.
SLC-4/L-9	16:00	63.2	66.5	No	Crane is hoisting materials into the shaft.
SLC-1	16:30	62.1	66.6	No	Crane is hoisting materials in and out of the shaft.
SLC-2	17:00	63.2	72.4	No	Crane is hoisting materials in and out of the shaft
SLC-1	17:30	60.8	67.6	No	Crane is hoisting materials in and out of the shaft.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	18:00	61.3	70	No	Crews are lagging below the deck on Wilshire. Crane is on standby.
SLC-7	18:31	64.6	70	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	19:00	61.5	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile; crews are excavating and lagging below the deck.
SLC-7	19:30	63.3	71	No	Crane is hoisting excavated spoils from the shaft onto the muck pile; crews are excavating and lagging below the deck.
SLC-2	20:00	61.5	68	No	Crane is hoisting excavated spoils from the shaft onto the muck pile; crews are excavating and lagging below the deck.
SLC-7	20:30	65.8	68	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-2	23:00	62.7	65	No	Crane is lowering equipment into the shaft to refuel equipment.
December 21, 2018					
SLC-7	6:12	55.4	64	No	Noise was exclusively ambient.
SLC-2	6:30	57.6	64	No	Ambient noise, cars and people arriving to Gale Yard.
SLC-2	7:46	64.9	69	No	Loading haul trucks and hauling excavated material off site.
SLC-7	8:08	66.6	71.7	No	Loading haul trucks and hauling excavated material off site.
SLC-4/L-9	8:31	70.4	67	N/P	Truck hauling and loading, underground work, car traffic. The exceedance was produced by a garbage truck operating nearby.
SLC-6/L-8	8:53	75.9	79	No	Street traffic, crane operation, work in Gale Yard.
SLC-1	9:13	68.9	67.2	N/P	Work within Gale Yard, car traffic on Hamilton. The exceedance was produced by a garbage truck in operation nearby.
SLC-2	9:39	61.5	71.8	No	Gale Yard work and car traffic.
SLC-7	10:04	62.3	71.6	No	Gale Yard work and car traffic.
SLC-2	10:30	64.7	71.6	No	Loading haul trucks in Gale Yard and hauling excavated material off site.
SLC-4/L-9	10:52	65.8	66.3	No	Loading haul trucks in Gale Yard and hauling excavated material off site.
SLC-6/L-8	11:10	75.6	79	No	Loading haul trucks in Gale Yard, hauling excavated material off site, and dewatering well maintenance in front of Saban.



Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	12:28	60.6	71.9	No	Construction activity focused underground; noise was primarily ambient.
SLC-7	13:10	65.4	72.9	No	Crane work in Gale Yard.
SLC-4/L-9	13:32	61.2	65.6	No	Construction activity focused underground; noise was primarily ambient.
SLC-2	15:00	62.8	72.3	No	Crane is lowering equipment into the shaft to refuel equipment.
SLC-1	15:30	65.3	68.3	No	Crane is hoisting materials into the shaft.
SLC-4/L-9	16:00	63.1	66.5	No	Crane is hoisting materials in and out of the shaft.
SLC-2	17:00	70.4	72.4	No	Crane is hoisting materials in and out of the shaft. Ambient: Lamborghini idling
SLC-7	17:30	64.6	72.4	No	Crane is hoisting materials in and out of the shaft.
SLC-2	18:00	80.8	71.8	N/P	Crane is hoisting excavated spoils from the shaft onto the muck pile. The exceedance was produced by a fire truck and ambulance at 8383 Wilshire.
SLC-2	18:30	60.4	70	No	Crane is hoisting excavated spoils from the shaft onto the muck pile.
SLC-7	19:00	63.1	71	No	Crane is hoisting materials in and out of the shaft.