



January 25, 2021  
Project No. 2020-261  
Via Email

David Yelton  
Deputy Building Official  
Department of Community Development - City of Beverly Hills  
455 North Rexford Drive  
Beverly Hills, CA 90210

***Re: August 11 to December 10, 2020 – Dust Monitoring and Site Work Observations, Lots 12 and 13, Beverly Hills, California***

Dear Mr. Yelton:

Lindmark Engineering (LE) is pleased to submit this report which documents the observations and dust monitoring for the additional maintenance work performed at Lots 12 and 13, south of North Santa Monica Boulevard (NSMB) and between Alpine Drive and Doheny Drive, Beverly Hills (site). The site is depicted on Figures 1 through 3, Appendix A. Figures 1 through 3 also depict the roads and alley ways in the site vicinity.

The site consists of two vacant lots 12 and 13 which comprise the four parcels 4342-015-038; 4342-015-039; 4342-015-040 and 4342-015-041, including the “island” property adjacent to and just west of Doheny Drive. Previous assessments at the site have found arsenic concentrations in soil above normal background for California soils with a maximum concentration of 996 milligrams per kilogram (mg/kg). No arsenic was detected in vegetation samples collected from Lots 12 and 13 in 2016. The site majority owner is the Beverly Hills Land Company (BHLC), which is responsible for trimming all existing hedges, shrubs and plants, and cutting weeds at the site and abutting the City of Beverly Hills (City) right of way.

The BHLC completed maintenance work at the site on December 14, 2016, described by the City as Phase I. Given the known site conditions and potential for dust generation, LE conducted dust monitoring at the site, on behalf of the City, including analytical testing for total arsenic in air. LE’s Phase I report, dated January 18, 2017, found that during site maintenance activities arsenic was not detected in any air samples and that the daily time-weighted average of total dust concentrations recorded during site work did not exceed a difference of 50 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) between upwind and downwind monitoring stations. Additional maintenance work was performed by the BHLC in February 2017 during which time LE conducted daily weather and dust monitoring during landscaping maintenance activities. The additional observations and monitoring results were presented in a report, dated March 6, 2017.

Between July 24 and September 29, 2017, the BHLC was responsible for implementing Phase II activities at the site. Phase II site work included removal of the existing chain link fence and posts, relocating the fence posts and installing the new chain link. Other activities within the scope of the Phase II work included spreading landscape mulch, potholing and planting new shrubs, drip irrigation line installation, and installation of a green screen on the new fence. The City also requested the BHLC to include application of a new soil sealant at the site. The Phase II monitoring was documented by LE in a report dated, February 9, 2018.

Additional maintenance activities by BHLC were monitored by LE from March 23 through April 3, 2017, and presented in our report, dated April 28, 2017, also from April 24 through July 7, 2017, and presented in our report, dated October 12, 2017, from July 10 through December 29, 2017, and presented in our report, dated February 25, 2018, from January 5 through June 11, 2018, and presented in our report, dated July 2, 2018, from June 26 through September 18, 2018, and presented in our report, dated October 15, 2018, from October 9, 2018 through January 29, 2019, and presented in our report, dated February 6, 2019, February 12, 2019 through June 24, 2019, and presented in our report dated August 5, 2019, from July 16 through December 3, 2019, and presented in our report, dated February 4, 2020, and lastly from January 6 to July 7, 2020, and presented in our report, dated August 10, 2020. The scope of work for the Phase I and additional maintenance work included fence repair and replacement, which had the potential to generate dust during the repair activities. No soil removal was conducted during the activities.

This report summarizes the additional maintenance work performed on Lots 12 and 13, and on the island, by the BHLC between August 11 to December 10, 2020. The scope of the additional maintenance work was to: trim the grass and weeds within the interior of Lots 12 and 13, trim the weeds between the new fence line and the NSMB curb, trim the weeds along the fence line against Civic Center Drive at Lot 13, trim the hedges along Civic Center Drive at Lot 12, and trim the grass and weeds around the outer perimeter of the island, as well as the trees and grass inside the island. Watering the grass surface was also performed. The additional maintenance involved similar work activities as performed during the Phase I, and subsequent maintenance such as minor fence repair. Air sampling, dust monitoring and weather monitoring were conducted continuously during landscaping maintenance activities each day. The air samples were archived and not analyzed by the laboratory since field observations and monitoring data indicated no potential dust concerns.

## **SITE WORK OBSERVATIONS**

LE observed the site maintenance activities by the BHLC between August 11 to December 10, 2020 (see Table 1 for specific work dates). Site work was generally performed along the fence line adjacent to NSMB, along the fence line adjacent to Civic Center Drive, and on the island. A list of work dates and the approximate location of work performed each day is summarized on Table 1, Appendix B.

A detailed description of work performed each day is summarized on the daily field reports, included as Appendix C.

Landscaping maintenance work was performed by BHLC's contractor Rubio's Landscaping. Site work generally consisted of clipping, cutting, and sawing bushes, branches, and shrubs. Workers also performed removal of weeds and grass using mechanical weed whackers and clipping using hand tools.

## **DUST MONITORING AND ARSENIC SAMPLING ACTIVITIES**

The action level for fugitive dust concentrations, caused by man-made activities disturbing soil, based on South Coast Air Quality Management District (AQMD) Rule 403, is a difference of 50  $\mu\text{g}/\text{m}^3$  between upwind and downwind monitoring stations.

High wind conditions can lead to higher dust emissions, and work should be stopped during high wind conditions. Adverse wind conditions are considered either a wind speed greater than 15 miles per hour (mph) averaged over a 15-minute period, or instantaneous wind speeds exceeding 25 mph. Wind conditions were monitored based on the information collected by the on-site weather station.

Each day where landscaping maintenance was performed, monitoring stations for fugitive dust in air were generally positioned upwind and downwind of the work area, generally located along the

northern or southern fence line of Lots 12 and 13 and the island using MIE Model 1000 personal dust monitors (PDR 1000). The monitoring station located on the north fence line was generally upwind of the work area when wind directions were coming from the north, west, or southwest, and the monitoring station located on the south fence line was generally upwind of the work area when wind directions were coming from the south, southeast, and east.

LE monitored the on-site weather station and the dust monitoring instruments approximately every 15 minutes during site work. The stations were generally adjusted to follow the site workers and current wind conditions. The field monitoring logs are included as Appendix D, and indicate fugitive dust concentrations at each monitoring station, wind speed and direction, and site work observations.

Each day the air was sampled continuously during work hours at the downwind monitoring station using an air sampling pump attached to a 37 mm MCE filter cartridge. Samples were archived, and not submitted to the laboratory based on LE's field observations and monitoring which indicated no dust concerns. Although arsenic has never been detected in air or vegetation samples, the air samples would have been analyzed for arsenic if visible fugitive dust had been observed, or if a difference of 50  $\mu\text{g}/\text{m}^3$  between upwind and downwind monitoring stations had been recorded.

## **SUMMARY OF DUST MONITORING FINDINGS**

The fugitive dust concentrations recorded during site work did not exceed a difference of 50  $\mu\text{g}/\text{m}^3$  between upwind and downwind monitoring stations on any of the workdays. Refer to the field monitoring logs, included in Appendix D, for each workday to determine which monitoring station was representative of the downwind sampling position. Dust was not observed during site work for this monitoring period. The maximum recorded wind speed was 8.8 mph on November 23, 2020, and there was therefore no adverse wind condition.

Observations of site work are documented on the daily field reports, included as Appendix C.

## **CONCLUSIONS**

Based on LE's observations of site work activities, and our monitoring data, LE concludes the activities did not pose an environmental concern to the community during this monitoring period.

## **RECOMMENDATIONS**

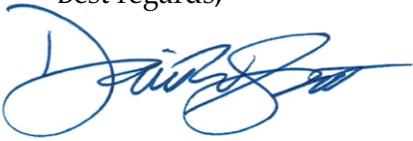
LE recommends continuation of monitoring and collection of daily downwind air samples for total arsenic in dust, and only analyzing the samples in the event dust is observed in the work area and there is either visible dust crossing the property line or the action level for fugitive dust is exceeded.

LE also recommends that a source of water for dust suppression continues to be available at all times during maintenance work since activities not involving power tools may still generate dust if the soil is sufficiently dry (e.g. vehicle traffic, digging, and raking).

Please call us at 818-707-6100 if you have any questions.

David Yelton  
January 25, 2021

Best regards,



David W. Smith, PG  
Senior Project Geologist



Ulf Lindmark, PE, BCEE  
President

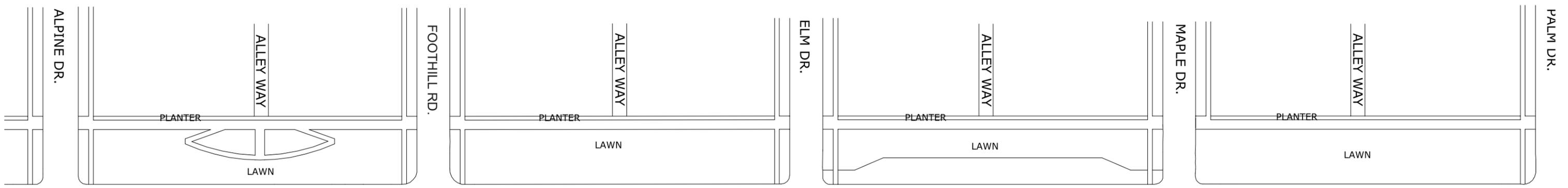
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Enclosures: Appendix A - Figures 1 through 3  
Appendix B - Table 1  
Appendix C - Daily Field Reports  
Appendix D - Field Monitoring Logs

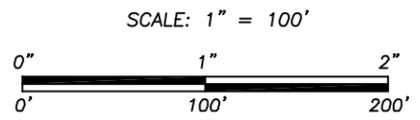
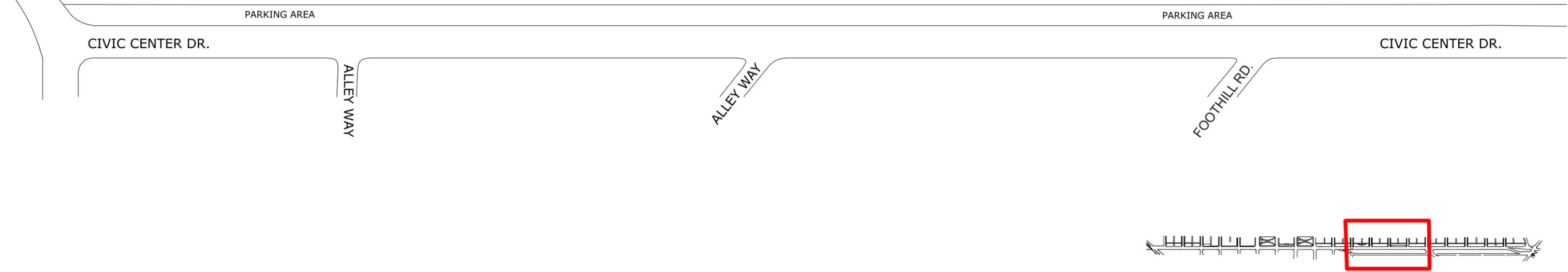
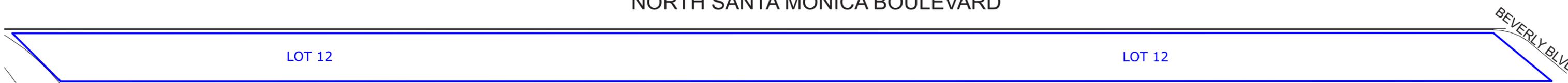
## **APPENDIX A**

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Figures 1 through 3



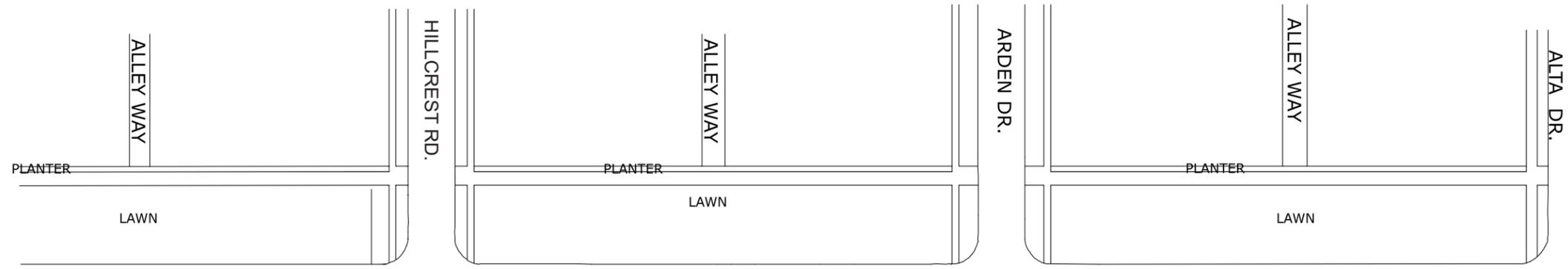
NORTH SANTA MONICA BOULEVARD



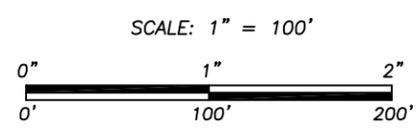
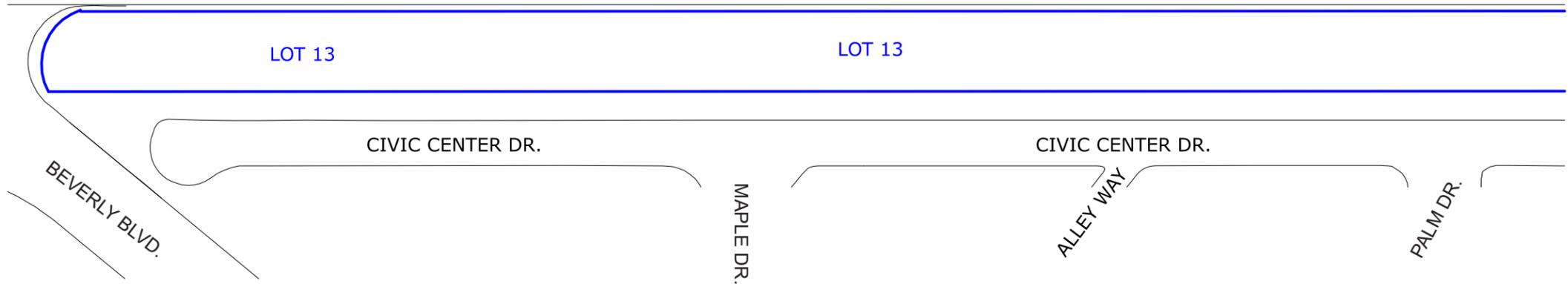
PROJECT COMPLETION REPORT  
LOTS 12 AND 13

ALPINE DR. TO BEVERLY BLVD.

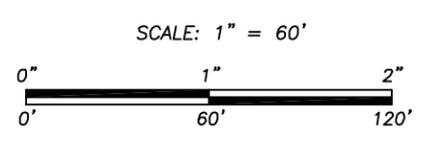
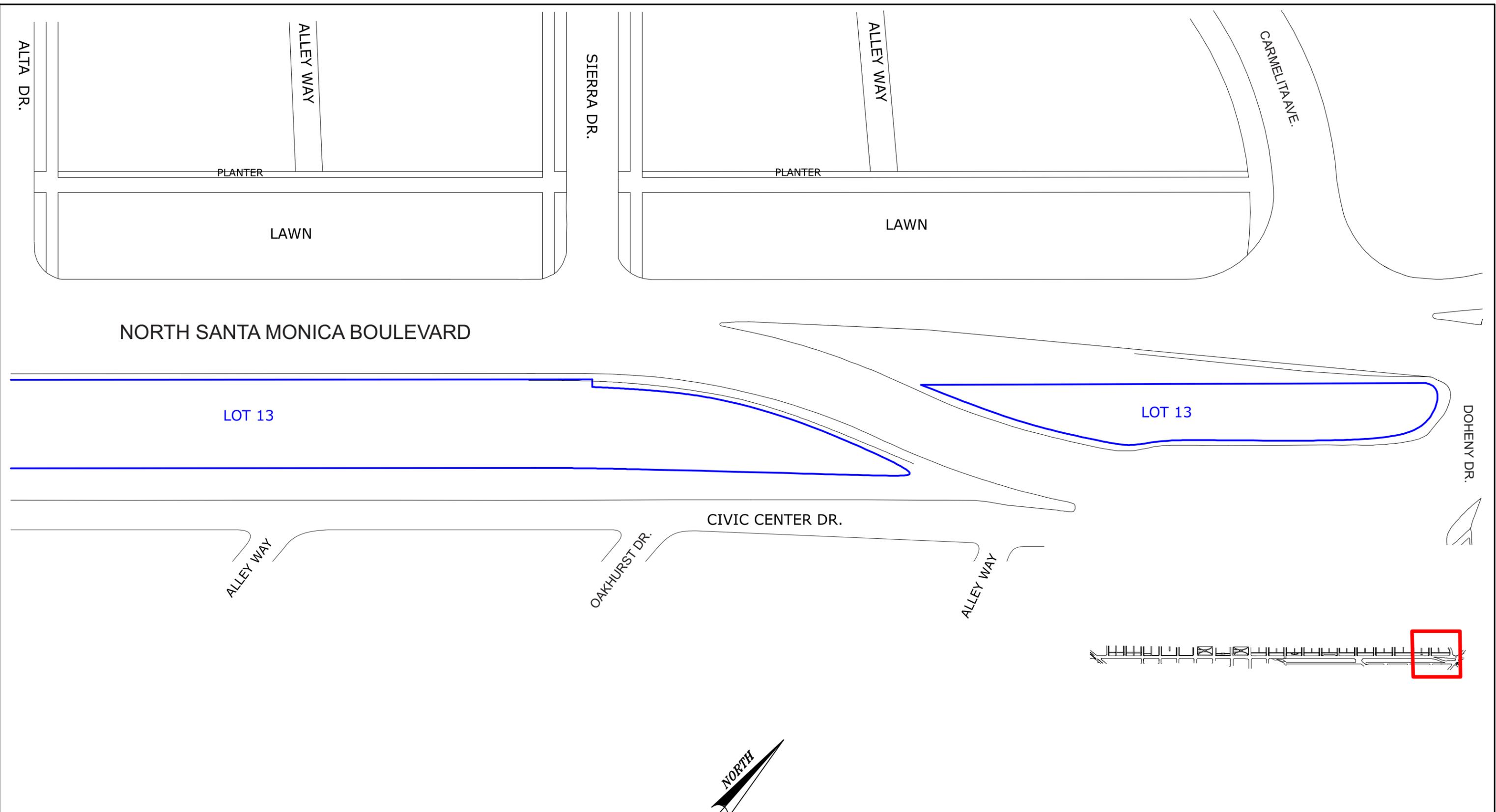
|             |              |       |             |
|-------------|--------------|-------|-------------|
| Drafted by: | Approved By: | Date: | Figure No.: |
| ST          | UL           | 1/17  | <b>1</b>    |



NORTH SANTA MONICA BOULEVARD



|   |              |       |             |
|---|--------------|-------|-------------|
| <b>PROJECT COMPLETION REPORT<br/>LOTS 12 AND 13</b> |              |       |             |
| <b>BEVERLY BLVD. TO ALTA DR./PALM DR.</b>           |              |       |             |
| Drafted by:   | Approved By: | Date: | Figure No.: |
| ST  | UL           | 1/17  | <b>2</b>    |



|   |              |       |             |
|---|--------------|-------|-------------|
| <b>PROJECT COMPLETION REPORT<br/>LOTS 12 AND 13</b> |              |       |             |
| <b>ALTA DR./PALM DR. TO DOHENY DR.</b>              |              |       |             |
| Drafted by:   | Approved By: | Date: | Figure No.: |
| ST  | UL           | 1/17  | <b>3</b>    |

## **APPENDIX B**

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Table 1

Table 1  
 Location of Daily Work Areas  
 Lots 12 and 13, Beverly Hills, Ca

| Work Date  | Lot 12     |              |         |           |               | Lot 13        |               |           |                   |            |        |            |
|------------|------------|--------------|---------|-----------|---------------|---------------|---------------|-----------|-------------------|------------|--------|------------|
|            | Alpine Dr. | Foothill Rd. | Elm Dr. | Maple Dr. | Beverly Blvd. | Beverly Blvd. | Hillcrest Rd. | Arden Dr. | Alta Dr./Palm Dr. | Sierra Dr. | Island | Doheny Dr. |
| 8/11/2020  |            |              |         |           |               |               |               |           |                   |            |        |            |
| 8/12/2020  |            |              |         |           |               |               |               |           |                   |            |        |            |
| 9/14/2020  |            |              |         |           |               |               |               |           |                   |            |        |            |
| 10/19/2020 |            |              |         |           |               |               |               |           |                   |            |        |            |
| 10/20/2020 |            |              |         |           |               |               |               |           |                   |            |        |            |
| 10/21/2020 |            |              |         |           |               |               |               |           |                   |            |        |            |
| 11/23/2020 |            |              |         |           |               |               |               |           |                   |            |        |            |
| 11/24/2020 |            |              |         |           |               |               |               |           |                   |            |        |            |
| 12/10/2020 |            |              |         |           |               |               |               |           |                   |            |        |            |

Notes:

- = Site work predominately located along NSMB
- = Site work predominately located adjacent to City-owned right-of-way adjacent to Civic Center Drive
- = Site work predominately located along both NSMB and adjacent to City-owned right-of-way adjacent to Civic Center Drive
- = Site work located throughout the island

No site work where not color-coded

## **APPENDIX C**

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Daily Field Reports

# Field Report

Sheet      of     



2625 Townsgate Road, Suite 330,  
Westlake Village, California 91361  
T 818-707-6100  
F 818-483-7810  
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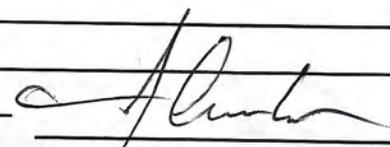
Proj. # 2020-261 Proj. Name CBH LOTS 12 & 13  
Date 08/11/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:30 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE) BH Land C. / Rubio's Landscape  
Client representatives on-site Name  
Agency representatives on-site Name  
Equipment on-site (LE) DDRs, Air pump, KWS  
Equipment on-site (Contractors) Pick-up trucks, weedwhackers, water tank, hedge trimmers

### SUMMARY OF WORK PERFORMED

- \* Rubio's crew on-site at 6:45
- \* Pime delivered instruments at 6:50
- \* Rubio's crew started weedwhacking LOT 12 from the East side, and trimming top of the hedge along NSMB
- \* Work finished LOT 12 around 11:00
- \* After lunch break they moved to LOT 13
- \* Started trimming top of the hedge along NSMB and weedwhacking LOT 13 from the west side
- \* Crew finished LOT 13 at 2:55
- \* Pump on at 7:00
- \* Pump off at 3:00
- \* No visible dust observed
- \* Max. diff. read. =  $15 < 50 \text{ } \mu\text{g}/\text{m}^3$

Action Required \_\_\_\_\_

  
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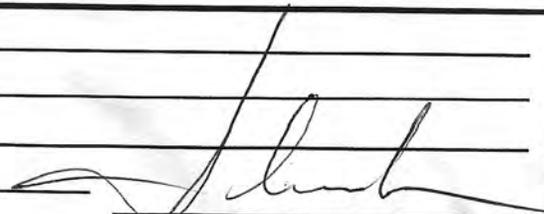
Proj. # 2020-261 Proj. Name CBH LOTS 12 & 13  
Date 08/12/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:30 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE) BH Land Co. / Rubio's Landscaping  
Client representatives on-site Name  
Agency representatives on-site Name  
Equipment on-site (LE) PDRs, airpump, KWS  
Equipment on-site (Contractors) Pick-up truck, hedge trimmers

### SUMMARY OF WORK PERFORMED

- \* Rubio's crew on-site at 6:45
- \* Started trimming hedge at LOT 12 side facing NSMB
- \* Pump on at 7:00
- \* Crew finished the LOT 12 around 10:30
- \* They moved to LOT 13 and started trimming hedge side facing NSMB
- \* Crew finished LOT 13 at 2:00, and moved to the Island
- \* Started watering and weeding inside of the Island, but very little to do because weed was so sparse
- \* Crew finished the Island at 3:00
- \* Pump off at 3:00
- \* No visual dust observed
- \* Max. diff. head. =  $14 < 50 \text{ kg/m}^3$

Action Required \_\_\_\_\_

  
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# Field Report

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Proj. # 2020-261 Proj. Name CBH LOTS 12 & 13  
Date 09/14/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:45 Departure Time 3:25  
LE Personnel ST

Contractors on-site (LE) BH Land Co. / Rubio's Landscape

Client representatives on-site Name

Agency representatives on-site Name

Equipment on-site (LE) Dust Trak DRY x2, Air pump, GWS

Equipment on-site (Contractors) Pick-up truck, water tank, Weedwhacker, hedge trimmer

## SUMMARY OF WORK PERFORMED

- \* Rubio's crew on-site at 6:45
- \* The fence around intersection of NSMB and Maple Dr. damaged in lengths of app. 15', apparently hit by the car. One of the car's wheel is inside of LOT 12
- \* Crew started watering and weedwhacking LOT 12
- \* Finished weedwhacking around 9:30 and started trimming both hedges
- \* Pump on at 9:00
- \* Crew finished LOT 12 around 11:25
- \* After lunch break they moved to LOT 13
- \* Started watering using water tank, weedwhacking, and trimming hedge along NSMB
- \* Work on LOT 13 completed around 3:10
- \* Pump off at 3:15
- \* No visible dust observed
- \* Max. drift read. =  $23 < 50 \text{ } \mu\text{g} / \text{m}^3$

Action Required \_\_\_\_\_

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Proj. # 2020-26 Proj. Name CBAI LOTS 12 & 13  
Date 10/19/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:30 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE) BH Land C. / Rubio's Landscape  
Client representatives on-site None  
Agency representatives on-site None  
Equipment on-site (LE) PDRs, Air pump, KWS  
Equipment on-site (Contractors) Pick-up truck, ATV, Hedge trimmer

## SUMMARY OF WORK PERFORMED

- \* Rubio's crew on-site at 7:30
- \* Pump on at 7:45
- \* Crew started trimming hedge along NSMB (top and side facing NSMB) at LOT 12
- \* Around 10:30 workers finished a LOT 12 and moved to a LOT 13
- \* At LOT 13 started trimming hedge along NSMB
- \* Crew finished LOT 13 around 1:45 and moved to island
- \* Workers started trimming hedge around island
- \* Crew finished the island at 3:00
- \* Pump off at 3:00
- \* No visible dust observed
- \* Max. diff. head. =  $17 \pm 50 \text{ m}^2$

Action Required \_\_\_\_\_

  
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Proj. # 2020-201 Proj. Name CBI LOTS 12 & 13  
Date 10/20/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:30 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE)  BH Land C. / Rubio's Landscape  
Client representatives on-site None  
Agency representatives on-site None  
Equipment on-site (LE) PDRs, Air pump, RWS  
Equipment on-site (Contractors) Pack-up tractor, ATV, hedge trimmer

### SUMMARY OF WORK PERFORMED

- \* Rubio's crew on site at 6:45
- \* Pump on at 7:00
- \* Crew started trimming hedge along CCD top and both sides
- \* Worker finished trimming and started piling trimmed material
- \* They stopped working at 3:00
- \* Pump off at 3:00
- \* No visible dust observed
- \* Max. diff. level =  $20 \pm 50 \mu\text{g}/\text{m}^3$

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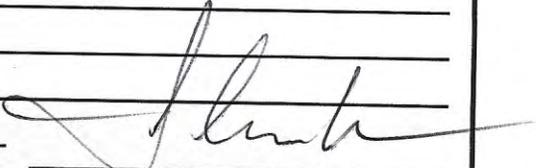
Proj. # 2020-201 Proj. Name CBH LOTS 12 & 13  
Date 10/21/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:45 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE) BH Land C. / Rubio's ~~and~~ Landscape  
Client representatives on-site Name  
Agency representatives on-site Name  
Equipment on-site (LE) PDRs, Air pump, KWS  
Equipment on-site (Contractors) Pick-up truck, Box truck, hand tools

## SUMMARY OF WORK PERFORMED

- \* Rubio's crew on-site at 7:00
- \* Pump on at 7:15
- \* Started collecting previously piled trimmed material into box truck
- \* Workers ~~and~~ finished work at LOT 12 around 2:45
- \* Pump off at 2:45
- \* No residual dust observed
- \* Max. diff. head. =  $21 < 50 \text{ mg/m}^3$

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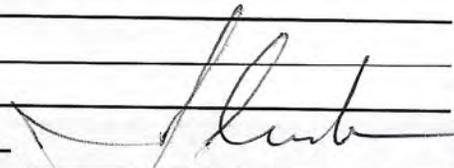
Proj. # 2020-261 Proj. Name CBH LOTS 12 & 15  
Date 11/23/20 Proj. Addr. LOTS 12 & 15  
Arrival Time 6:30 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE) BH Land Co. / Rubio's Landscape  
Client representatives on-site Name  
Agency representatives on-site Name  
Equipment on-site (LE) PDRs x2 / Air pump / KWS  
Equipment on-site (Contractors) Pick up truck, water tank, hand tools

## SUMMARY OF WORK PERFORMED

- \* Rubio's crew on-site at 6:50
- \* Crew started watering LOT 12 using water tank and started weedwhacking LOT 12 from the East side
- \* Pump on at 7:00
- \* Cont. weedwhacking
- \* Work crew finished weedwhacking around 12:45
- \* Started trimming top of the hedge along NSMB
- \* Crew finished job around 3:00
- \* Pump off at 3:00
- \* No visible dust observed
- \* Max. dust. head =  $21 < 50 \text{ } \mu\text{g}/\text{m}^3$

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Proj. # 2020-261 Proj. Name CBH LOTS 12 & 13  
Date 11/24/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:30 Departure Time 2:45  
LE Personnel ST

Contractors on-site (LE) DH Land Co/ Rubio's Landscape  
Client representatives on-site Name  
Agency representatives on-site Name  
Equipment on-site (LE) PDRs x2 / Air pump / KWS  
Equipment on-site (Contractors) Pick up truck, water tank, hand tools

## SUMMARY OF WORK PERFORMED

- \* Rubio's crew on site at 6:45
- \* Started watering and weedwhacking island, and collecting trash inside of a island, and around it well
- \* Worked finished the island around 9:00 and moved to LOT 13
- \* At LOT 13 crew started to watering and weedwhacking
- \* Worked finished weedwhacking around 1:20 and started trimming top of the hedge along NSMB and collecting trash in and out of LOT 13
- \* Crew finished LOT 13 around 2:45
- \* Pump off at 2:45
- \* No visible dust observed
- \* Max. diff. head. = 29 gpm<sup>3</sup>

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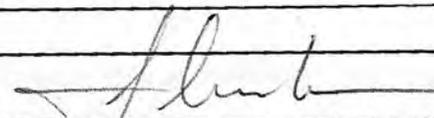
Proj. # 2020-26 Proj. Name CBH LOTS 12 & 13  
Date 12/10/20 Proj. Addr. LOTS 12 & 13  
Arrival Time 6:45 Departure Time 3:00  
LE Personnel ST

Contractors on-site (LE) BH Land Co. / Rubio's Landscape  
Client representatives on-site None  
Agency representatives on-site None  
Equipment on-site (LE) PDRs, Air Pump, KWS  
Equipment on-site (Contractors) Pick-up truck, Box truck, hedge trimmer

## SUMMARY OF WORK PERFORMED

- \* Arrived at job site at 6:45; At 7:00 met Prime Env. and collected ~~into~~ instruments (PDRs & Air pump)
- \* Rubio's crew on site at 7:15
- \* Started prep. for trimming hedge at LOT 13 along CCD from Palm Dr to Doheny Dr.
- \* At 8:00 crew started trimming hedge which ~~is~~ actually overhang CCD from Doheny towards Pal Dr.
- \* Pump on at 8:00
- \* Crew finished trimming hedge and trees around 2:00, and started cleaning CCD along LOT 13 from trimmed material
- \* Crew finished around 3:00
- \* Pump off at 3:00
- \* No visible dust observed
- \* Max. diff. head. =  $19 < 50 \text{ } \mu\text{g}/\text{m}^3$

Action Required \_\_\_\_\_

  
Signature

## **APPENDIX D**

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### Field Monitoring Logs

# Dust and Weather Field Monitoring Log

|  |  |   |  |                                      |  |
|--|--|---|--|--------------------------------------|--|
| Project Name: <u>CBH LOTS 12 &amp; 13</u>  |  | Project Number: <u>2020-201</u>                   |  | Calibration (Dust): Air (filter bag) |  |
| Weather: <u>Clean</u>  |  | Project Address: <u>LOTS 12 &amp; 13</u>          |  | Calibration (Weather): None          |  |
| Date: <u>08/11/20</u>  |  | Equipment: pDR1000, GilAir Pumps, Kestrel Weather |  | Signature:                           |  |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> across the site    UW= Upwind    DW= Downwind    Diff= DW reading-UW reading |  |   |  |                                      |  |

| Time   | Total Dust Readings (µg/m <sup>3</sup> ) |    |      | Wind          | Wind Speed | Notes                                |
|--|--|----|------|---------------|------------|--------------------------------------|
|  | UW                                       | DW | DIFF | (Coming From) | (mph)      |                                      |
| 7:00   | 16                                       | 22 | 6    | —             | 0.0        | Rubio's crew on-site at 6:45         |
| 7:15   | 18                                       | 24 | 6    | —             | 0.0        | Pipe delivered instruments at 6:45   |
| 7:30   | 16                                       | 23 | 7    | —             | 0.0        |                                      |
| 7:45   | 14                                       | 23 | 9    | S             | 0.6        | Started weedwhacking LOT 12          |
| 8:00   | 17                                       | 25 | 8    | —             | 0.0        | from the East side and trimming      |
| 8:15   | 18                                       | 26 | 8    | S             | 0.8        | top of the hedge along NSMB          |
| 8:30   | 16                                       | 26 | 10   | —             | 0.0        | Pump on at 7:00                      |
| 8:45   | 15                                       | 24 | 9    | —             | 0.0        | same as above                        |
| 9:00   | 19                                       | 27 | 8    | —             | 0.0        | same as above                        |
| 9:15   | 16                                       | 26 | 10   | —             | 0.0        | same as above                        |
| 9:30   | 14                                       | 27 | 13   | —             | 0.0        | same as above                        |
| 9:45   | 19                                       | 28 | 11   | SW            | 1.0        | same as above                        |
| 10:00  | 16                                       | 29 | 11   | SW            | 0.8        | same as above                        |
| 10:15  | 15                                       | 26 | 11   | —             | 0.0        | same as above                        |
| 10:30  | 14                                       | 24 | 10   | SW            | 1.8        | same as above                        |
| 10:45  | 14                                       | 25 | 11   | SW            | 2.2        | same as above                        |
| 11:00  | 13                                       | 24 | 11   | —             | 0.0        | Workers finished LOT 12 around 11:00 |
| 11:00 - 11:30 LUNCH                          |  |    |      |               |            |                                      |
| 11:30  | 16                                       | 26 | 10   | WSW           | 2.6        | After lunch started weedwhacking     |
| 11:45  | 15                                       | 23 | 8    | WSW           | 3.7        | LOT 13 from the West side            |
| 12:00  | 18                                       | 29 | 8    | SW            | 3.1        | and trimming top of the              |
| 12:15  | 14                                       | 26 | 12   | SW            | 3.4        | hedge along NSMB                     |
| 12:30  | 13                                       | 28 | 15   | S             | 4.2        | same as above                        |
| 12:45  | 14                                       | 24 | 10   | S             | 2.6        | same as above                        |
| 1:00   | 17                                       | 23 | 6    | S             | 2.8        | same as above                        |
| 1:15   | 15                                       | 25 | 10   | SW            | 2.0        | same as above                        |
| 1:30   | 13                                       | 26 | 13   | SW            | 3.6        | same as above                        |
| 1:45   | 13                                       | 23 | 10   | SW            | 3.6        | same as above                        |
| 2:00   | 14                                       | 22 | 8    | SW            | 3.1        | same as above                        |
| 2:15   | 14                                       | 21 | 7    | SW            | 4.0        | same as above                        |
| 2:30   | 13                                       | 20 | 7    | S             | 3.7        | same as above                        |
| 2:45   | 14                                       | 21 | 7    | S             | 5.1        | same as above                        |
| 3:00   | 14                                       | 21 | 7    | S             | 3.1        | Crew finished LOT 13 around 2:55     |
| Pump off at 3:00                             |  |    |      |               |            |                                      |
| No residual dust observed                    |  |    |      |               |            |                                      |
| Max. diff. read. = 15 < 50 µg/m <sup>3</sup> |  |    |      |               |            |                                      |

LOT 12

LOT 13



# Dust and Weather Field Monitoring Log

|   |   |                                      |
|---|---|--------------------------------------|
| Project Name: <u>CBH LOTS 12 &amp; 13</u>   | Project Number: <u>2020-261</u>                   | Calibration (Dust): Air (filter bag) |
| Weather: <u>Clear / Hot</u>   | Project Address: <u>LOTS 12 &amp; 13</u>          | Calibration (Weather): None          |
| Date: <u>08/12/20</u>   | Equipment: pDR1000, GilAir Pumps, Kestrel Weather | Signature: <i>[Signature]</i>        |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading |   |                                      |

| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |    |               | Wind          | Wind Speed | Notes  |
|-------|--|----|---------------|---------------|------------|--|
|       | UW                                       | DW | DIFF          | (Coming From) | (mph)      |  |
| 7:00  | 21                                       | 26 | 5             | -             | 0.0        | Rubio's crew started trimming                |
| 7:15  | 22                                       | 25 | 3             | -             | 0.0        | hedge at LOT 12 side facing                  |
| 7:30  | 20                                       | 26 | 6             | -             | 0.0        | NSMB   |
| 7:45  | 18                                       | 24 | 6             | -             | 0.0        | Pump on at 7:00                              |
| 8:00  | 19                                       | 25 | 6             | S             | 0.8        | same as above                                |
| 8:15  | 21                                       | 26 | 5             | SW            | 1.1        | same as above                                |
| 8:30  | 20                                       | 27 | 7             | -             | 0.0        | same as above                                |
| 8:45  | 23                                       | 28 | 5             | -             | 0.0        | same as above                                |
| 9:00  | 22                                       | 28 | 6             | SW            | 0.6        | same as above                                |
| 9:15  | 22                                       | 29 | 5             | SW            | 1.6        | same as above                                |
| 9:30  | 21                                       | 29 | 8             | -             | 0.0        | same as above                                |
| 9:45  | 20                                       | 29 | 9             | WSW           | 1.0        | same as above                                |
| 10:00 | 18                                       | 29 | 9             | WSW           | 1.5        | same as above                                |
| 10:15 | 22                                       | 28 | 6             | WSW           | 2.1        | same as above                                |
| 10:30 | 21                                       | 28 | 7             | SW            | 0.8        | Crew finished LOT 12 around                  |
| 10:45 | 23                                       | 27 | 4             | -             | 0.0        | 10:30 moved to LOT 13                        |
| 10:50 | 24                                       | 25 | 1             | SW            | 1.8        | At LOT 13 started trimming                   |
| 11:15 | 22                                       | 28 | 6             | SW            | 2.6        | hedge along NSMB side                        |
| 11:30 | 20                                       | 30 | 10            | S             | 2.5        | facing NSMB                                  |
| 11:45 | 19                                       | 29 | 10            | SW            | 2.0        | same as above                                |
| 12:00 | 20                                       | 28 | 8             | SW            | 1.8        | same as above                                |
|       |  |    | 12:00 - 12:30 |               |            | LUNCH  |
| 12:30 | 21                                       | 29 | 8             | SW            | 2.6        | After <del>break</del> a lunch break         |
| 12:45 | 18                                       | 30 | 12            | WSW           | 3.1        | crew cont. trimming hedge                    |
| 1:00  | 19                                       | 31 | 14            | WSW           | 3.6        | facing NSMB                                  |
| 1:15  | 19                                       | 29 | 10            | SW            | 3.0        | same as above                                |
| 1:30  | 15                                       | 28 | 13            | SW            | 3.0        | same as above                                |
| 1:45  | 18                                       | 27 | 9             | SW            | 2.8        | same as above                                |
| 2:00  | 19                                       | 27 | 10            | SW            | 3.7        | Workers finished LOT 13                      |
| 2:15  | 20                                       | 30 | 10            | SW            | 4.3        | at 2:00 and moved to                         |
| 2:30  | 22                                       | 31 | 9             | SW            | 4.0        | Island                                       |
| 2:45  | 21                                       | 29 | 8             | SW            | 2.2        | At the Island they started                   |
| 3:00  | 24                                       | 30 | 6             | WSW           | 3.1        | to watering and weedwhacking,                |
|       |  |    |               |               |            | but very little to do                        |
|       |  |    |               |               |            | They finished at 3:00                        |
|       |  |    |               |               |            | Pumps off at 3:00                            |
|       |  |    |               |               |            | No <del>visual</del> visual dust observed    |
|       |  |    |               |               |            | Max. diff. read. = 14 < 50 µg/m <sup>3</sup> |

LOT 12

LOT 13

ISLAND



# Dust and Weather Field Monitoring Log

|  |   |                                      |
|--|---|--------------------------------------|
| Project Name: <u>C3H LOTS 12 &amp; 13</u>  | Project Number: <u>2020-261</u>                   | Calibration (Dust): Air (filter bag) |
| Weather: <u>Hazy</u>   | Project Address: <u>LOTS 12 &amp; 13</u>          | Calibration (Weather): None          |
| Date: <u>09/14/20</u>  | Equipment: pDR1000, GilAir Pumps, Kestrel Weather | Signature:                           |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> , across the site UW= Upwind DW = Downwind Diff= DW reading-UW reading |   |                                      |

| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |     |      | Wind<br>(Coming From) | Wind Speed<br>(mph) | Notes   |
|-------|--|-----|------|-----------------------|---------------------|---|
|       | UW                                       | DW  | DIFF |                       |                     |   |
| 7:00  | 195                                      | 210 | 15   | -                     | 0.0                 | Rubio's crew started watering LOT 12                  |
| 7:15  | 198                                      | 213 | 15   | -                     | 0.0                 | using water tank, and weedwhacking                    |
| 7:30  | 200                                      | 210 | 10   | -                     | 0.0                 | same as above   |
| 7:45  | 188                                      | 202 | 14   | -                     | 0.0                 | same as above   |
| 8:00  | 189                                      | 206 | 17   | -                     | 0.0                 | same as above   |
| 8:15  | 180                                      | 188 | 8    | -                     | 0.0                 | same as above   |
| 8:30  | 174                                      | 186 | 12   | -                     | 0.0                 | same as above   |
| 8:45  | 176                                      | 187 | 11   | -                     | 0.0                 | same as above   |
| 9:00  | 173                                      | 185 | 12   | -                     | 0.0                 | same as above   |
| 9:15  | 184                                      | 190 | 6    | SW                    | 1.3                 | same as above   |
| 9:30  | 185                                      | 192 | 7    | -                     | 0.0                 | Crew finished weedwhacking                            |
| 9:45  | 187                                      | 198 | 11   | SW                    | 0.9                 | around 9:30   |
| 10:00 | 187                                      | 200 | 13   | SW                    | 1.8                 | Started trimming both hedges                          |
| 10:15 | 191                                      | 210 | 19   | SW                    | 1.1                 | Pump off at 9:00                                      |
| 10:30 | 194                                      | 217 | 23   | SW                    | 1.6                 | same as above   |
| 10:45 | 187                                      | 210 | 23   | SW                    | 2.3                 | same as above   |
| 11:00 | 187                                      | 206 | 18   | WSW                   | 1.9                 | same as above   |
| 11:30 | 185                                      | 206 | 21   | WSW                   | 2.1                 | Crew finished LOT 12 around 11:30 - 12:00 LUNCH 11:25 |
| 12:00 | 167                                      | 183 | 16   | SW                    | 2.3                 | After lunch break worked                              |
| 12:15 | 164                                      | 180 | 16   | SW                    | 1.9                 | moved to LOT 13                                       |
| 12:30 | 166                                      | 182 | 16   | SW                    | 1.1                 | Started watering using water                          |
| 12:45 | 160                                      | 178 | 16   | SW                    | 1.6                 | tank, weedwhacking and                                |
| 1:00  | 158                                      | 169 | 21   | SW                    | 1.9                 | trimming hedge along NSRAB                            |
| 1:15  | 160                                      | 169 | 9    | WSW                   | 0.9                 | same as above   |
| 1:30  | 155                                      | 165 | 10   | WSW                   | 1.3                 | same as above   |
| 1:45  | 154                                      | 169 | 13   | SW                    | 1.9                 | same as above   |
| 2:00  | 156                                      | 169 | 11   | SW                    | 2.2                 | same as above   |
| 2:15  | 150                                      | 165 | 15   | SW                    | 2.3                 | same as above   |
| 2:30  | 151                                      | 160 | 9    | SW                    | 2.0                 | same as above   |
| 2:45  | 145                                      | 162 | 17   | SW                    | 2.1                 | same as above   |
| 3:00  | 140                                      | 160 | 20   | SW                    | 1.9                 | same as above   |
| 3:15  | 146                                      | 155 | 9    | SW                    | 1.8                 | Workers completed LOT 13 around 3:10                  |
|       |  |     |      |                       |                     | Pump off at 3:15                                      |
|       |  |     |      |                       |                     | No mutual dust observed                               |
|       |  |     |      |                       |                     | Max. diff. read. = 23 < 50                            |

LOT 12

LOT 13



*[Handwritten signature]*  
3

## Dust and Weather Field Monitoring Log

|   |   |                                      |
|---|---|--------------------------------------|
| Project Name: <b>CBH LOTS 12 &amp; 13</b> | Project Number: <b>2020-261</b>                   | Calibration (Dust): Air (filter bag) |
| Weather: <b>Cloudy</b>                    | Project Address: <b>LOTS 12 &amp; 13</b>          | Calibration (Weather): None          |
| Date: <b>10/19/20</b>                     | Equipment: pDR1000, GilAir Pumps, Kestrel Weather | Signature:                           |

Action Levels: Site Dust > 50 µg/m<sup>3</sup>, across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading

| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |         |       | Wind<br>(Coming From) | Wind Speed<br>(mph) | Notes  |
|-------|--|---------|-------|-----------------------|---------------------|--|
|       | UW                                       | DW      | DIFF. |                       |                     |  |
| 7:45  | 63                                       | 77      | 14    | —                     | 0.0                 | Workers on site at 7:30                      |
| 8:00  | 65                                       | 77      | 12    | —                     | 0.0                 | Pump on at 7:45                              |
| 8:15  | 61                                       | 73      | 12    | —                     | 0.0                 | Started trimming hedge along NSMB            |
| 8:30  | 63                                       | 75      | 12    | —                     | 0.0                 |  |
| 8:45  | 62                                       | 74      | 12    | —                     | 0.0                 | Same as above                                |
| 9:00  | 66                                       | 77      | 11    | —                     | 0.0                 | Same as above                                |
| 9:15  | 65                                       | 75      | 10    | —                     | 0.0                 | Same as above                                |
| 9:30  | 62                                       | 76      | 14    | SW                    | 1.3                 | Same as above                                |
| 9:45  | 63                                       | 74      | 11    | SW                    | 0.9                 | Same as above                                |
| 10:00 | 61                                       | 75      | 14    | —                     | 0.0                 | Same as above                                |
| 10:15 | 64                                       | 77      | 13    | SW                    | 2.1                 | Same as above                                |
| 10:30 | 63                                       | 78      | 15    | SW                    | 0.6                 | Crew finished LOT 12 cca 10:30               |
| 10:45 | 68                                       | 80      | 12    | WSW                   | 1.6                 | Moved to LOT 13 and started                  |
| 11:00 | 71                                       | 82      | 11    | WSW                   | 1.8                 | trimming hedge along NSMB                    |
|       |  | 11:00 — | 11:30 |                       |                     | LUNCH  |
| 11:30 | 70                                       | 85      | 15    | —                     | 0.0                 | After lunch break workers                    |
| 11:45 | 73                                       | 84      | 11    | —                     | 0.0                 | resumed hedge trimming                       |
| 12:00 | 69                                       | 81      | 12    | SW                    | 1.7                 | Same as above                                |
| 12:15 | 70                                       | 83      | 13    | SW                    | 2.1                 | Same as above                                |
| 12:30 | 68                                       | 85      | 17    | SW                    | 2.2                 | Same as above                                |
| 12:45 | 65                                       | 81      | 16    | WSW                   | 1.7                 | Same as above                                |
| 1:00  | 67                                       | 80      | 13    | WSW                   | 0.9                 | Same as above                                |
| 1:15  | 69                                       | 82      | 13    | SW                    | 0.8                 | Same as above                                |
| 1:30  | 66                                       | 82      | 16    | SW                    | 1.8                 | Same as above                                |
| 1:45  | 66                                       | 81      | 15    | SW                    | 2.0                 | Crew finished LOT 13 around 1:45             |
| 2:00  | 69                                       | 80      | 11    | SW                    | 2.1                 | and moved to a Island                        |
| 2:15  | 70                                       | 83      | 13    | SW                    | 1.9                 | Started trimming hedge around                |
| 2:30  | 67                                       | 79      | 12    | WSW                   | 1.5                 | Island                                       |
| 2:45  | 65                                       | 81      | 16    | WSW                   | 0.9                 | Same as above                                |
| 3:00  | 63                                       | 80      | 17    | SW                    | 2.1                 | Workers completed Island around 3:00         |
|       |  |         |       |                       |                     | Pump off at 2:00                             |
|       |  |         |       |                       |                     | No visible dust observed                     |
|       |  |         |       |                       |                     | Max. diff. Meas. = 17 < 50 µg/m <sup>3</sup> |

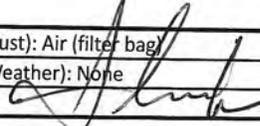
LOT 12

LOT 13

ISLAND

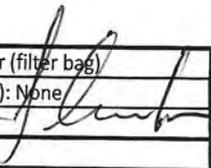


## Dust and Weather Field Monitoring Log

| Project Name: <u>CBH LOTS 12 &amp; 13</u>   |  |    | Project Number: <u>2020-261</u>                   |                       |                     | Calibration (Dust): Air (filter bag)   |  |  |
|---|--|----|---|-----------------------|---------------------|--|--|--|
| Weather: <u>Cloudy</u>  |  |    | Project Address:                                  |                       |                     | Calibration (Weather): None  |  |  |
| Date: <u>10/20/20</u>   |  |    | Equipment: pDR1000, GilAir Pumps, Kestrel Weather |                       |                     | Signature:  |  |  |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> , across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading |  |    |   |                       |                     |  |  |  |
| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |    |   | Wind<br>(Coming From) | Wind Speed<br>(mph) | Notes  |  |  |
|   | UW                                       | DW | DIFF  |                       |                     |  |  |  |
| 7:00  | 50                                       | 60 | 10  | -                     | 0.0                 | Rubio's crew on-site at 6:45   |  |  |
| 7:15  | 55                                       | 67 | 12  | -                     | 0.0                 | Pump on at 7:00  |  |  |
| 7:30  | 51                                       | 67 | 16  | -                     | 0.0                 | Crew started trimming hedge  |  |  |
| 7:45  | 52                                       | 68 | 16  | -                     | 0.0                 | along CCD, top and both  |  |  |
| 8:00  | 53                                       | 66 | 13  | -                     | 0.0                 | sides  |  |  |
| 8:15  | 55                                       | 67 | 12  | SW                    | 0.8                 | Same as above  |  |  |
| 8:30  | 51                                       | 66 | 15  | -                     | 0.0                 | Same as above  |  |  |
| 8:45  | 49                                       | 65 | 16  | -                     | 0.0                 | Same as above  |  |  |
| 9:00  | 53                                       | 68 | 15  | -                     | 0.0                 | Same as above  |  |  |
| 9:15  | 50                                       | 67 | 17  | -                     | 0.0                 | Same as above  |  |  |
| 9:30  | 54                                       | 69 | 15  | -                     | 0.0                 | Same as above  |  |  |
| 9:45  | 55                                       | 69 | 14  | SW                    | 1.1                 | Same as above  |  |  |
| 10:00   | 51                                       | 67 | 16  | SW                    | 0.9                 | Same as above  |  |  |
| 10:15   | 50                                       | 66 | 16  | SW                    | 1.6                 | Same as above  |  |  |
| 10:30   | 49                                       | 65 | 16  | SW                    | 1.3                 | Same as above  |  |  |
| 10:45   | 47                                       | 66 | 19  | -                     | 0.0                 | Same as above  |  |  |
| 11:00   | 50                                       | 66 | 16  | SW                    | 2.0                 | Same as above  |  |  |
|   |  |    | 11:00 - 11:30                                     |                       |                     | Lunch  |  |  |
| 11:30   | 47                                       | 65 | 18  | SW                    | 2.0                 | After lunch break workers  |  |  |
| 11:45   | 46                                       | 61 | 15  | WSW                   | 2.6                 | continued trimming hedge   |  |  |
| 12:00   | 49                                       | 63 | 14  | WSW                   | 2.1                 | along CCD  |  |  |
| 12:15   | 50                                       | 60 | 10  | WSW                   | 3.0                 | Same as above  |  |  |
| 12:30   | 51                                       | 65 | 14  | SW                    | 2.9                 | Same as above  |  |  |
| 12:45   | 49                                       | 63 | 14  | SW                    | 2.1                 | Same as above  |  |  |
| 1:00  | 49                                       | 62 | 13  | SW                    | 3.0                 | Same as above  |  |  |
| 1:15  | 50                                       | 64 | 14  | S                     | 3.3                 | Same as above  |  |  |
| 1:30  | 47                                       | 66 | 19  | S                     | 3.1                 | Around 1:30 workers finished   |  |  |
| 1:45  | 45                                       | 64 | 19  | SW                    | 2.9                 | trimming hedge and started   |  |  |
| 2:00  | 49                                       | 61 | 12  | SW                    | 2.7                 | piling up trimmed material   |  |  |
| 2:15  | 46                                       | 60 | 14  | SW                    | 3.0                 |  |  |  |
| 2:30  | 43                                       | 63 | 20  | SW                    | 3.5                 | Same as above  |  |  |
| 2:45  | 45                                       | 65 | 20  | SW                    | 3.1                 | Same as above  |  |  |
| 3:00  | 42                                       | 62 | 20  | SW                    | 3.2                 | Crew stopped working at 3:00   |  |  |
|   |  |    |   |                       |                     | Pump off at 3:00   |  |  |
|   |  |    |   |                       |                     | No signal alert observed   |  |  |
|   |  |    |   |                       |                     | Max. diff. reading = 20 < 50 µg/m <sup>3</sup>   |  |  |



## Dust and Weather Field Monitoring Log

| Project Name: <u>CBH LOTS 12 &amp; 13</u>   |  | Project Number: <u>2020-261</u>                          |      | Calibration (Dust): <u>Air (filter bag)</u>  |            |  |
|---|--|--|------|--|------------|--|
| Weather: <u>Cloudy</u>  |  | Project Address: <u>LOTS 12 &amp; 13</u>                 |      | Calibration (Weather): <u>None</u>   |            |  |
| Date: <u>10/21/20</u>   |  | Equipment: <u>pDR1000, GilAir Pumps, Kestrel Weather</u> |      | Signature:  |            |  |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> , across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading |  |  |      |  |            |  |
| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |  |      | Wind   | Wind Speed | Notes  |
|   | UW                                       | DW   | DIFF | (Coming From)  | (mph)      |  |
| 7:15  | 40                                       | 55   | 15   | -  | 0.0        | Rubio's crew on-site at 7:00                 |
| 7:30  | 41                                       | 52   | 11   | -  | 0.0        | Pump on at 7:15                              |
| 7:45  | 39                                       | 50   | 11   | -  | 0.0        | Crew started collecting previously           |
| 8:00  | 38                                       | 50   | 12   | -  | 0.0        | soiled trimmed material                      |
| 8:15  | 35                                       | 49   | 14   | -  | 0.0        | into box truck                               |
| 8:30  | 33                                       | 45   | 12   | -  | 0.0        | same as above                                |
| 8:45  | 40                                       | 49   | 9    | -  | 0.0        | same as above                                |
| 9:00  | 41                                       | 53   | 12   | -  | 0.0        | same as above                                |
| 9:15  | 43                                       | 55   | 12   | -  | 0.0        | same as above                                |
| 9:30  | 45                                       | 57   | 12   | -  | 0.0        | same as above                                |
| 9:45  | 42                                       | 51   | 9    | -  | 0.0        | same as above                                |
| 10:00   | 45                                       | 53   | 8    | -  | 0.0        | same as above                                |
| 10:15   | 47                                       | 55   | 8    | -  | 0.0        | same as above                                |
| 10:30   | 49                                       | 58   | 9    | SW   | 0.8        | same as above                                |
| 10:45   | 53                                       | 60   | 7    | -  | 0.0        | same as above                                |
| 11:00   | 50                                       | 59   | 9    | SW   | 1.0        | same as above                                |
|   |  | 11:00  | -    | 11:30  |            | LUNCH  |
| 11:30   | 50                                       | 60   | 10   | -  | 0.0        | After lunch break workers                    |
| 11:45   | 55                                       | 61   | 6    | SW   | 1.1        | cont. to collect trimmed                     |
| 12:00   | 52                                       | 63   | 11   | SW   | 0.9        | material and cleaning LOT 12                 |
| 12:15   | 49                                       | 66   | 17   | -  | 0.0        | of the truck                                 |
| 12:30   | 47                                       | 68   | 21   | -  | 0.0        | same as above                                |
| 12:45   | 50                                       | 70   | 20   | WSW  | 1.9        | same as above                                |
| 1:00  | 51                                       | 69   | 18   | SW   | 1.5        | same as above                                |
| 1:15  | 53                                       | 65   | 12   | -  | 0.0        | same as above                                |
| 1:30  | 48                                       | 66   | 18   | SW   | 0.9        | same as above                                |
| 1:45  | 46                                       | 62   | 16   | SW   | 1.3        | same as above                                |
| 2:00  | 49                                       | 60   | 11   | -  | 0.0        | same as above                                |
| 2:15  | 54                                       | 63   | 9    | SW   | 1.8        | same as above                                |
| 2:30  | 55                                       | 61   | 6    | SW   | 2.0        | same as above                                |
| 2:45  | 57                                       | 60   | 9    | -  | 0.0        | same as above                                |
|   |  |  |      |  |            | Crew completed work at                       |
|   |  |  |      |  |            | LOT 12 around 2:45 (they                     |
|   |  |  |      |  |            | filled box truck w/ with                     |
|   |  |  |      |  |            | trimmed material and trash                   |
|   |  |  |      |  |            | Pump off at 2:45                             |
|   |  |  |      |  |            | No visual dust observed                      |
|   |  |  |      |  |            | Max. diff. read. = 20 < 50 µg/m <sup>3</sup> |



## Dust and Weather Field Monitoring Log

| Project Name: <u>6th LOTS 12 &amp; 15</u>  |  | Project Number: <u>2020-261</u>                          |               | Calibration (Dust): <u>Air (filter bag)</u> |                     |   |
|--|--|--|---------------|---|---------------------|---|
| Weather: <u>Foggy/Cloudy/Clear</u>   |  | Project Address: <u>LOTS 12 &amp; 15</u>                 |               | Calibration (Weather): <u>None</u>          |                     |   |
| Date: <u>08/23/20</u>  |  | Equipment: <u>pDR1000, GilAir Pumps, Kestrel Weather</u> |               | Signature: <u>[Signature]</u>               |                     |   |
| Action Levels: Site Dust > 50 (µg/m <sup>3</sup> ) across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading |  |  |               |   |                     |   |
| Time   | Total Dust Readings (µg/m <sup>3</sup> ) |  |               | Wind<br>(Coming From)                       | Wind Speed<br>(mph) | Notes                                       |
|  | UW                                       | DW   | DIFF          |   |                     |   |
| 7:00   | 74                                       | 88   | 14            | —   | 0.0                 | Rubio's crew started watering               |
| 7:15   | 70                                       | 86   | 16            | —   | 0.0                 | LOT 12 using water tank                     |
| 7:30   | 76                                       | 86   | 10            | —   | 0.0                 | and weedwhacking from                       |
| 7:45   | 72                                       | 84   | 12            | —   | 0.0                 | the East side of LOT 12                     |
| 8:00   | 70                                       | 81   | 11            | —   | 0.0                 | Pump on at 7:30                             |
| 8:15   | 73                                       | 85   | 12            | —   | 0.0                 | same as above                               |
| 8:30   | 71                                       | 86   | 15            | SW  | 0.9                 | same as above                               |
| 8:45   | 75                                       | 88   | 13            | —   | 0.0                 | same as above                               |
| 9:00   | 77                                       | 89   | 10            | —   | 0.0                 | same as above                               |
| 9:15   | 78                                       | 89   | 11            | —   | 0.0                 | same as above                               |
| 9:30   | 75                                       | 89   | 14            | SSW   | 0.9                 | same as above                               |
| 9:45   | 74                                       | 87   | 13            | SSW   | 1.1                 | same as above                               |
| 10:00  | 76                                       | 88   | 12            | SSW   | 0.8                 | same as above                               |
| 10:15  | 72                                       | 85   | 13            | —   | 0.0                 | same as above                               |
| 10:30  | 75                                       | 86   | 13            | —   | 0.0                 | same as above                               |
| 10:45  | 70                                       | 84   | 10            | SW  | 1.1                 | same as above                               |
| 11:00  | 69                                       | 81   | 12            | SW  | 1.0                 | same as above                               |
|  |  |  | 11:00 - 11:30 |   |                     | LUNCH BREAK                                 |
| 11:30  | 75                                       | 84   | 11            | —   | 0.0                 | After lunch break crew                      |
| 11:45  | 68                                       | 85   | 17            | SSW   | 2.0                 | cont. weedwhacking and                      |
| 12:00  | 69                                       | 80   | 21            | SSW   | 1.9                 | watering the job-site                       |
| 12:15  | 71                                       | 83   | 12            | SSW   | 2.0                 | same as above                               |
| 12:30  | 73                                       | 86   | 13            | SSW   | 2.1                 | same as above                               |
| 12:45  | 70                                       | 82   | 12            | SW  | 2.8                 | Announced 12:45 crew finished               |
| 1:00   | 75                                       | 86   | 11            | SW  | 1.5                 | weedwhacking and started                    |
| 1:15   | 74                                       | 81   | 11            | —   | 0.0                 | trimming top of the hedge                   |
| 1:30   | 68                                       | 84   | 16            | —   | 0.0                 | along NSMS and cleaning                     |
| 1:45   | 69                                       | 83   | 14            | SSW   | 1.1                 | sidewalk along CED                          |
| 2:00   | 70                                       | 86   | 16            | SSW   | 1.8                 | same as above                               |
| 2:15   | 66                                       | 85   | 19            | SW  | 2.3                 | same as above                               |
| 2:30   | 61                                       | 82   | 21            | SW  | 0.9                 | same as above                               |
| 2:45   | 65                                       | 81   | 16            | —   | 0.0                 | same as above                               |
| 3:00   | 64                                       | 80   | 14            | —   | 0.0                 | same as above                               |
|  |  |  |               |   |                     | Workshop finished all                       |
|  |  |  |               |   |                     | activities around 3:00                      |
|  |  |  |               |   |                     | Pump off at 3:00                            |
|  |  |  |               |   |                     | No residual dust observed                   |
|  |  |  |               |   |                     | Max. diff. read = 21 < 50 µg/m <sup>3</sup> |



# Dust and Weather Field Monitoring Log

|   |   |                                      |
|---|---|--------------------------------------|
| Project Name: <b>CBH 2015 12813</b>   | Project Number: <b>2020-261</b>                   | Calibration (Dust): Air (filter bag) |
| Weather: <b>FOGGY / CLOUDY</b>  | Project Address: <b>LOTS 12 &amp; 13</b>          | Calibration (Weather): None          |
| Date: <b>11/24/20</b>   | Equipment: pDR1000, GilAir Pumps, Kestrel Weather | Signature: <i>[Signature]</i>        |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading |   |                                      |

STAND

| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |                  |       | Wind<br>(Coming From) | Wind Speed<br>(mph) | Notes   |
|-------|--|------------------|-------|-----------------------|---------------------|---|
|       | UW                                       | DW               | DIFF  |                       |                     |   |
| 7:00  | 74                                       | 89               | 15    | —                     | 0.0                 | Rubio's crew on site at                                 |
| 7:15  | 71                                       | 89               | 18    | —                     | 0.0                 | 6:45  |
| 7:30  | 73                                       | <del>88</del> 90 | 17    | —                     | 0.0                 | Started weedwhacking and                                |
| 7:45  | 75                                       | 91               | 16    | —                     | 0.0                 | cleaning the island                                     |
| 8:00  | 76                                       | 88               | 18    | —                     | 0.0                 | Pump and at 7:00  |
| 8:15  | 68                                       | 85               | 17    | SW                    | 0.9                 | same at above   |
| 8:30  | 71                                       | 83               | 12    | SW                    | 1.1                 | same at above   |
| 8:45  | 70                                       | 84               | 14    | —                     | 0.0                 | same at above   |
| 9:00  | 66                                       | 81               | 15    | —                     | 0.0                 | Workweek finished the                                   |
| 9:15  | 65                                       | 80               | 15    | —                     | 0.0                 | island around 9:00 and                                  |
| 9:30  | 68                                       | 83               | 15    | —                     | 0.0                 | moved to LOT 13   |
| 9:45  | 69                                       | 85               | 16    | SSW                   | 1.1                 | At LOT 13 they started                                  |
| 10:00 | 67                                       | 87               | 20    | SSW                   | 1.0                 | watering area and weedw.                                |
| 10:15 | 66                                       | 84               | 18    | —                     | 0.0                 | same at above   |
| 10:30 | 62                                       | 80               | 18    | —                     | 0.0                 | same at above   |
| 10:45 | 66                                       | 82               | 16    | SW                    | 0.9                 | same at above   |
| 11:00 | 61                                       | 79               | 18    | SW                    | 1.8                 | same at above   |
| 11:30 | 64                                       | 82               | 11:30 | —                     | 11:30               | LUNCH   |
| 11:45 | 65                                       | 86               | 21    | —                     | 0.0                 | After lunch break crew                                  |
| 12:00 | 60                                       | 80               | 20    | —                     | 0.0                 | cont. <del>the</del> weedwhacking                       |
| 12:15 | 63                                       | 79               | 16    | SW                    | 2.1                 | LOT 13  |
| 12:30 | 59                                       | 76               | 17    | SW                    | 1.5                 | same at above   |
| 1:00  | 62                                       | 80               | 18    | SW                    | 0.9                 | same at above   |
| 1:15  | 64                                       | 81               | 17    | —                     | 0.0                 | Around 1:20 crew finished                               |
| 1:30  | 65                                       | 84               | 19    | SW                    | 0.9                 | weedwhacking and started                                |
| 1:45  | 67                                       | 88               | 21    | SSW                   | 1.8                 | trimming <del>the</del> <del>bed</del> <del>edges</del> |
| 2:00  | 61                                       | 87               | 26    | SSW                   | 2.1                 | top of <del>the</del> the hedge                         |
| 2:15  | 60                                       | 83               | 23    | —                     | 0.0                 | along NSMB and cleaning                                 |
| 2:30  | 59                                       | 80               | 21    | SW                    | 2.3                 | LOT 13 in and outside                                   |
| 2:45  | 62                                       | 81               | 19    | SW                    | 0.9                 | Workers finished a LOT                                  |
|       |  |                  |       |                       |                     | 15 around 2:45  |
|       |  |                  |       |                       |                     | Pump off at 2:45  |
|       |  |                  |       |                       |                     | No signal about observed                                |
|       |  |                  |       |                       |                     | Max. diff. head = 26 < 50 µg/m <sup>3</sup>             |



## Dust and Weather Field Monitoring Log

|   |   |                                      |
|---|---|--------------------------------------|
| Project Name: <u>CBH LOTS 12 &amp; 13</u>   | Project Number: <u>2020-201</u>                   | Calibration (Dust): Air (filter bag) |
| Weather: <u>Cloudy / Calm</u>   | Project Address: <u>LOTS 12 &amp; 13</u>          | Calibration (Weather): None          |
| Date: <u>12/10/20</u>   | Equipment: pDR1000, GilAir Pumps, Kestrel Weather | Signature: <i>[Signature]</i>        |
| Action Levels: Site Dust > 50 µg/m <sup>3</sup> , across the site    UW= Upwind    DW = Downwind    Diff= DW reading-UW reading |   |                                      |

| Time  | Total Dust Readings (µg/m <sup>3</sup> ) |         |      | Wind<br>(Coming From) | Wind Speed<br>(mph) | Notes   |
|-------|--|---------|------|-----------------------|---------------------|---|
|       | UW                                       | DW      | DIFF |                       |                     |   |
| 8:00  | 68                                       | 78      | 10   | —                     | 0.0                 | Rubio's crew on site at                         |
| 8:15  | 65                                       | 77      | 12   | —                     | 0.0                 | 8:15 started prep.                              |
| 8:30  | 71                                       | 79      | 8    | —                     | 0.0                 | At 8:00 started trimming                        |
| 8:45  | 70                                       | 81      | 11   | —                     | 0.0                 | hedge and trees at CCD                          |
| 9:00  | 67                                       | 80      | 13   | —                     | 0.0                 | along LOT 13, which they                        |
| 9:15  | 65                                       | 81      | 16   | —                     | 0.0                 | trimming CCD from Dairy                         |
| 9:30  | 62                                       | 80      | 18   | NE                    | 3.3                 | Dr. towards Palm Dr.                            |
| 9:45  | 66                                       | 79      | 13   | N                     | 1.8                 | Pumps on at 8:00                                |
| 10:00 | 65                                       | 83      | 18   | NE                    | 4.1                 | Same at above                                   |
| 10:15 | 69                                       | 85      | 16   | —                     | 0.0                 | Same at above                                   |
| 10:30 | 66                                       | 82      | 16   | —                     | 0.0                 | Same at above                                   |
| 10:45 | 64                                       | 81      | 17   | N                     | 3.8                 | Same at above                                   |
| 11:00 | 67                                       | 79      | 12   | N                     | 4.1                 | Same at above                                   |
|       |  | 11:00 — |      | 11:30                 |                     | LUNCH   |
| 11:30 | 90                                       | 82      | 12   | NW                    | 5.8                 | After lunch break crew                          |
| 11:30 | 65                                       | 84      | 19   | NW                    | 6.3                 | resumed trimming a hedge                        |
| 11:45 | 66                                       | 81      | 15   | N                     | 3.4                 | and trees                                       |
| 12:00 | 63                                       | 80      | 17   | N                     | 1.8                 | Same at above                                   |
| 12:15 | 66                                       | 84      | 18   | NE                    | 6.1                 | Same at above                                   |
| 12:30 | 67                                       | 81      | 14   | NE                    | 5.8                 | Same at above                                   |
| 12:45 | 63                                       | 79      | 16   | N                     | 6.3                 | Same at above                                   |
| 1:00  | 64                                       | 82      | 18   | N                     | 6.6                 | Same at above                                   |
| 1:15  | 67                                       | 81      | 14   | N                     | 5.3                 | Same at above                                   |
| 1:30  | 66                                       | 80      | 14   | N                     | 4.7                 | Same at above                                   |
| 1:45  | 66                                       | 83      | 17   | NE                    | 3.3                 | Same at above                                   |
| 2:00  | 62                                       | 80      | 18   | NE                    | 5.6                 | Around 2:00 crew finished                       |
| 2:15  | 65                                       | 82      | 17   | NE                    | 7.1                 | trimming a hedge and                            |
| 2:30  | 65                                       | 81      | 16   | NE                    | 6.8                 | trees and started cleaning                      |
| 2:45  | 66                                       | 83      | 17   | N                     | 7.0                 | CCD from trimmed material                       |
| 3:00  | 61                                       | 79      | 18   | N                     | 5.3                 | along LOT 13                                    |
|       |  |         |      |                       |                     | Crew finished work around                       |
|       |  |         |      |                       |                     | 3:00  |
|       |  |         |      |                       |                     | Pumps off at 3:00                               |
|       |  |         |      |                       |                     | No visible dust observed                        |
|       |  |         |      |                       |                     | Max. diff. not read = 19 < 50 µg/m <sup>3</sup> |

