



LAUREL ENVIRONMENTAL GEOSCIENCES, DPC

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July 20, 2020

**Weekly CAMP Reporting; 27-09 40th Avenue Site, Queens County, Long Island City, NY 11101
– Site Number C241241**

In accordance with the approved supplemental remedial investigation work plan for the above referenced site, a community air monitoring program (“CAMP”) is included with any intrusive activities to monitor for fugitive dust or volatile organic compounds (“VOCs”) generated by work at the site. CAMP has been run during all work at the site, which began July 8, 2020. The approved work plan requires weekly reporting of CAMP data to the NYSDEC. This letter report covers the time period from July 13 through July 16, 2020. The CAMP action levels are set at 0.15 milligrams per cubic meter (“mg/m³”) above background for dust and 5 parts per million (“ppm”) for VOCs. The background readings were approximately 0.020mg/m³ for dust and 0ppm for VOCs. However, the background was increased substantially to 0.15mg/m³ during the drilling on 27th Street on July 15 at approximately 12:00pm, due to heavy construction machinery and vehicles working on the street.

Five (5) incidences of CAMP dust level exceedances were documented during this reporting period. The first incident occurred on July 14, at 7:35am, prior to work beginning for the day, when a large wind gust kicked up fugitive dust in proximity to the downwind CAMP unit. No other CAMP exceedances were noted during that day. The remaining four (4) incidents were related to saw cutting the concrete flagging prior to drilling the off-site soil vapor and groundwater monitoring points on July 15, and July 16, 2020. The concrete was thoroughly saturated both before and during the saw cutting process, but no amount of water was able to subdue the fugitive dust generated during this process. The saw cutting process took less than 5 minutes at each work location and was temporarily halted if pedestrians were passing through the area downwind of the work zone.

No CAMP exceedances for VOCs were documented during this period.

Graphs showing the 15-minute time weighted average (“TWA”) for CAMP conducted in the work zone and at the downwind parameter have been attached to this letter report. A figure showing each monitoring location has also been attached.

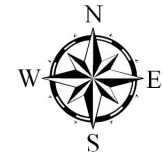
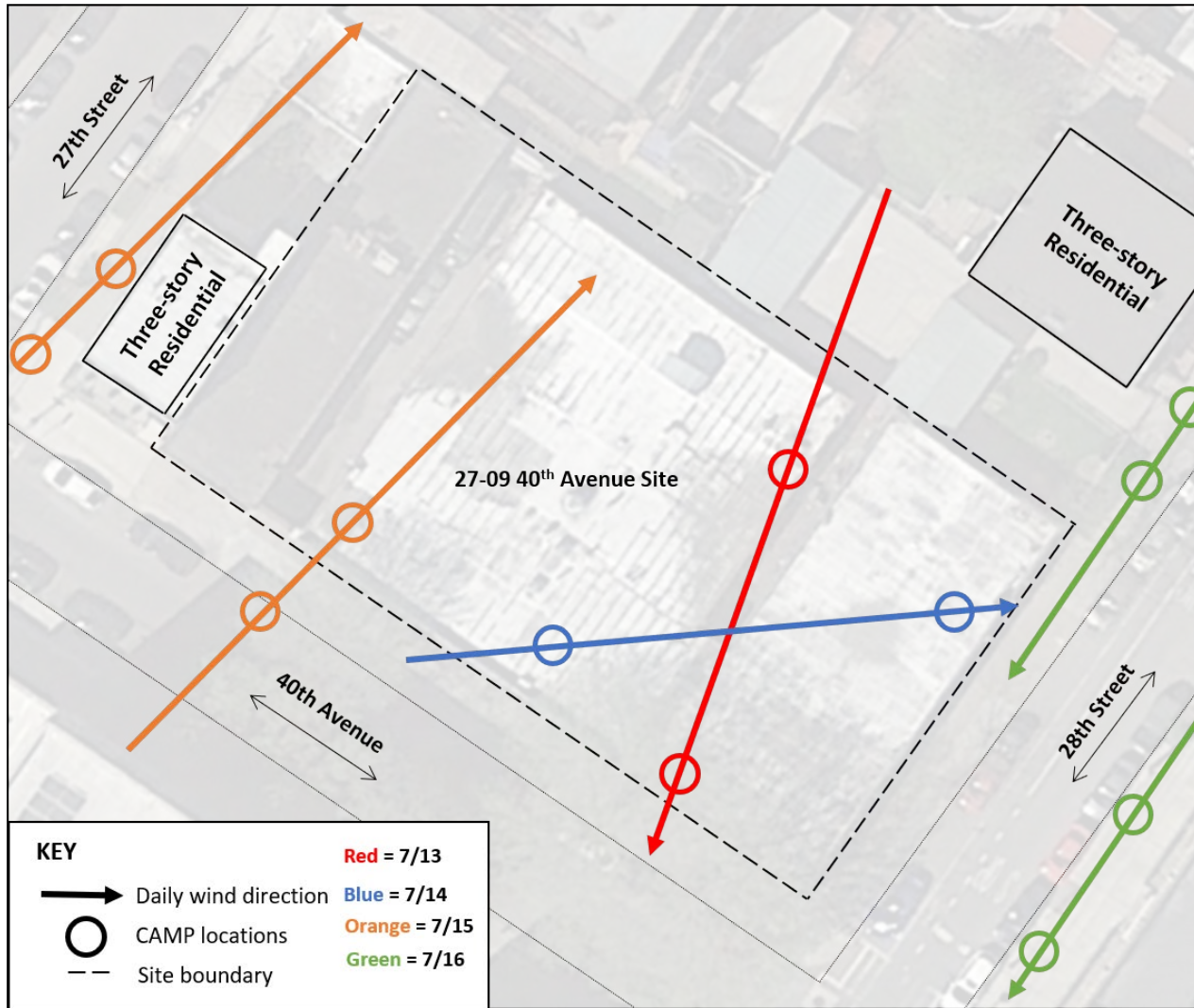
Respectfully submitted,

Laurel Environmental Geosciences, DPC.

Jamie Burgher
Geologist II

ATTACHMENTS:

- 1: CAMP Locations
- 2: Downwind CAMP graphs
- 3: Work Zone CAMP graphs



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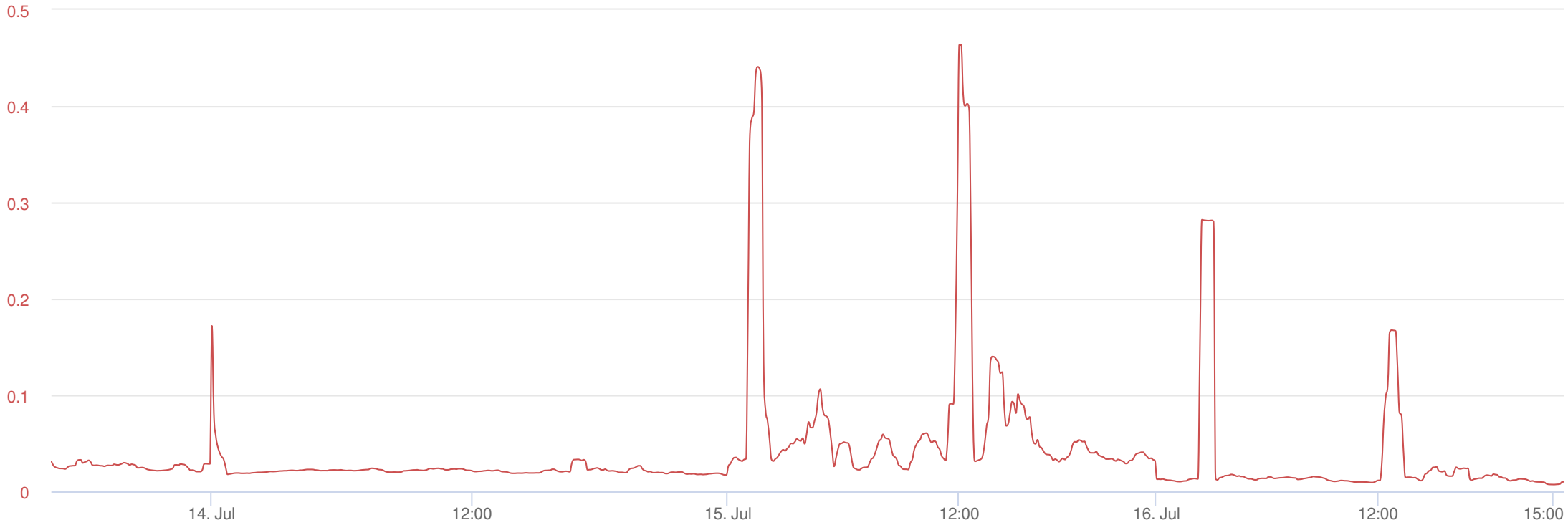
WEEKLY CAMP LOCATIONS – WEEK 1

27-09 40th Avenue, Queens, Long Island City, New York

PROJECT #: 19-401.2
DRAWING DATE: 7-15-20
DRAWN BY: JB
CHECKED BY: JB
REVISIONS: NA

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

07/13/2020 0:00:00 – 07/18/2020 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m

mg/m³

DustTrak-8530

RS232(C)

MIN

0.007

AVG

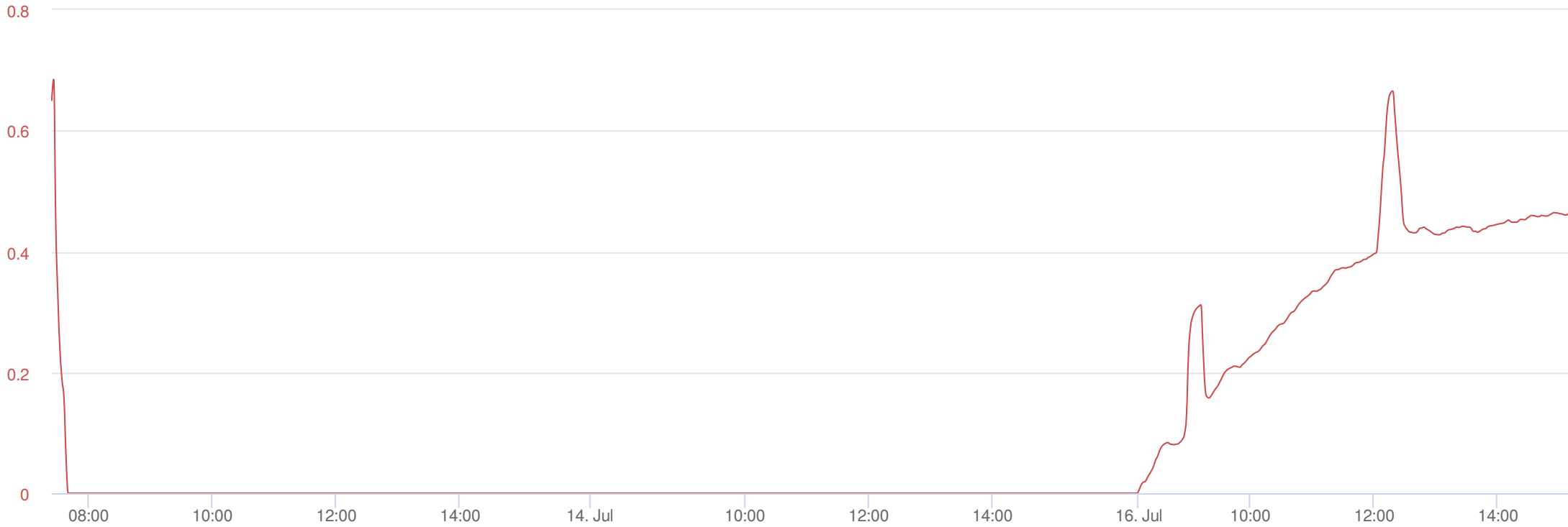
0.0396

MAX

0.4643

Name 36200 Downwind
S/N OB179097
Location 27-09 40th Avenue,
Queens County, Long 1,
Island City, NY 11101

07/12/2020 14:08:00 – 07/18/2020 17:08:00
(GMT-05:00) Eastern Time (US & Canada)



VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0.1

MAX

0.7765

Name 36200 Downwind
S/N 0B179097
Location 27-09 40th Avenue,
Queens County, Long 1,
Island City, NY 11101

07/13/2020 14:06:00 – 07/18/2020 17:06:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m

mg/m³

DustTrak-8530

RS232(C)

MIN

0.0092

AVG

0.0387

MAX

0.6396

Name 39296 Work Zone

S/N 0B323474

Location 27-09 40th Avenue,
Queens County, Long 1,
Island City, NY 11101

07/13/2020 14:06:00 – 07/18/2020 17:06:00
(GMT-05:00) Eastern Time (US & Canada)



VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0

MAX

0.035

Name 39296 Work Zone
S/N 0B323474
Location 27-09 40th Avenue,
Queens County, Long 1,
Island City, NY 11101