

# Memo

**To:** Fort Point Neighborhood Association and  
St. Vincent's Lower End Neighborhood Association

**From:** Ileen Gladstone, P.E., LSP

**c:** Tommy Butler, Massport

**Date:** October 25, 2023

**Re:** Community Update #8 (Week of October 16, 2023)  
Cypher/E Street Improvement Project  
South Boston, Massachusetts  
GEI Project No. 2302746

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As the community's Licensed Site Professional (LSP) representing its interests on the Cypher/E Street Improvement Project, I am providing regular updates on project activities. The site Contractor is DW White and the LSP and Environmental Consultant representing Massport is Tetra Tech.

## 1. Recent Activity (Week of October 16, 2023)

During the rest of the week of October 16, 2023, DW White did not excavate soil and transport offsite soil in the D to E Street Connector (see Section 2). They continued excavation in the TSCA Area (see Section 2). They received and stockpiled deliveries of ¾" stone; the stone is uncontaminated material that will be used for backfilling.

## 2. Soil Excavation

Soil was excavated in the TSCA Area on two days, Thursday and Friday, October 19 and 20, 2023. Soil outside the TSCA area (D to E Street Connector) was not excavated for offsite disposal.

Work in the D to E Street Connector included drainage lines installation (see photo log).

Soil in TSCA work zone was excavated along the northern side of work zone. An orange ID marker was installed at the final subgrade elevation and backfilled with clean dense grade material. No portion of the excavation was left uncovered.

Soil in the southern portion of the TSCA work zone was excavated for lamp post foundations. Additional soil excavation to final grade was not required and an orange ID marker was installed at the final subgrade elevation and backfilled (see photo log).

Dust control monitoring, watering, and sweeping was conducted. The soil excavated in the TSCA area was moist enough that it required minimal additional dust control measures. Dust monitoring during excavation did not indicate additional action was required.

Nine trucks and six trucks of TSCA soil were shipped offsite on October 19 and 20, 2023, respectively. The trucks were decontaminated prior to leaving the site, covered, and escorted offsite and instructed to turn left to the Bypass Road.

### 3. Dust Monitoring

#### 3.1 Work Site

Dust monitoring is being conducted at the perimeter of the project work zone. Real time monitors are in place at the work site. The dust monitoring will assess the contractor's ongoing dust control measures and if additional controls are needed. The contractor will be controlling dust in the TSCA area by only exposing soil in an area that can be excavated in one day, covering the exposed soil at the end of the day, and using water misting. If the dust readings exceed the project standards, the contractor will increase their dust control measures such as additional water sprays or other measures. If necessary, work will be temporarily stopped until the project standards are met.

The dust response level (0.075 mg/m<sup>3</sup>) was not exceeded during excavation in the TSCA Area during the week.

The dust response level (0.075 mg/m<sup>3</sup>) and the action level (0.150 mg/m<sup>3</sup>) were exceeded on Monday, Tuesday and Wednesday, October 16, 17 and 18, 2023 in the work zone near E Street. The levels were exceeded due to pipe cutting or saw cutting pavement for a 15-minute interval. The work was halted, water sprayed and the conditions improved quickly. The levels were also exceeded on Friday October 20 for a 15-minute interval in the D Street laydown area where a loader was driving. DW White sprayed water, the driver was instructed to slow down, and the conditions improved quickly.

#### 3.2 Community Parks

As requested by the community, Massport is conducting dust monitoring at the A Street Park, Flaherty Park and the Mahoney Community Garden. Dust monitoring continues at each of the parks. The dust monitors are being deployed daily during the work week. Tetra Tech will place a monitor in each park at the beginning of the workday and remove it at the end of the workday. They will also be removing the solar panels and will rely on a battery pack for the monitors.

Recorded dust levels at Mahoney Park all week were below actions levels during the work week (see photo log for Monday and Tuesday, October 16 and 17, 2023).

The dust response level (0.075 mg/m<sup>3</sup>) was exceeded on Monday, October 16, 2023, at A Street Park around noon (see photo log). No work was being conducted within 2,000 feet of the park. Tetra Tech inspected the station and did not observe anything to indicate the cause.

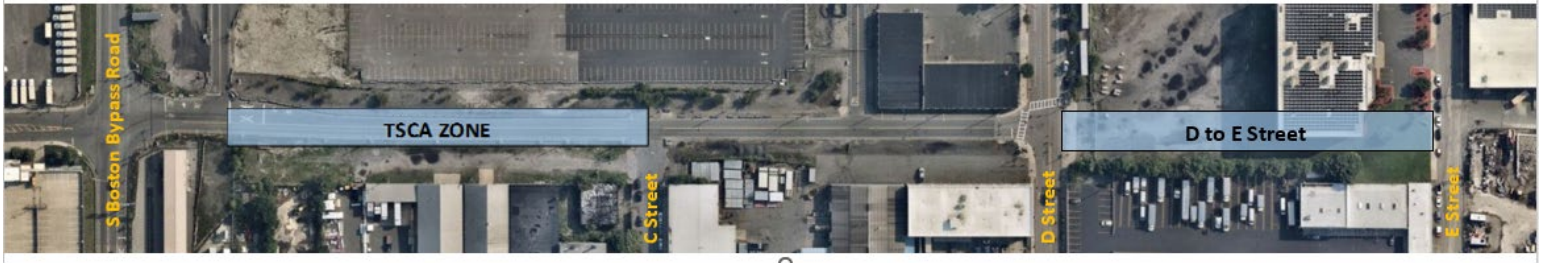
The dust response level (0.075 mg/m<sup>3</sup>) was exceeded on Wednesday, October 18, 2023, at the Flaherty Street Park around 8:00 am (see photo log). Tetra Tech inspected the station and observed a member of the public smoking a cigarette near the monitoring shed.

### 4. Schedule

As typical on construction projects, the contractor provides a look ahead schedule. These schedules often get modified based on field conditions, but they provide a good estimation of upcoming activities. According to DW White's look ahead schedule, the following activities are planned:

Week of 10/23/2023	<ul style="list-style-type: none"><li>• Continue roadway construction in TSCA Area, excavation confirmed for Tuesday, Wednesday and Thursday, October 24, 25, and 26, 2023</li><li>• Install drainage in portion of roadway in TSCA Area</li><li>• Continue roadway construction in D to E Street Connector</li></ul>
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Week of 10/30/23	<ul style="list-style-type: none"><li>• Continue roadway construction in TSCA Area, excavation confirmed for Tuesday and Thursday, October 31, and November 2, 2023</li><li>• Continue roadway construction in D to E Street Connector</li></ul>
Week of 11/6/2023	<ul style="list-style-type: none"><li>• Continue roadway construction in TSCA Area</li><li>• Continue roadway construction in D to E Street Connector</li></ul>



## 5. Project Website

Massport and GEI have been collaborating on a project website, [cyphereproject.com](http://cyphereproject.com). The website includes contact numbers for Massport, the PowerPoint presentations from the community meetings, and traffic management and environmental controls information. The Community LSP page includes my background and contact information. I will be posting regular Community Updates on the website to keep you informed on the project progress, soil excavation, trucking, dust monitoring results, schedule, and other project activities.

## 6. Additional Activities

I conducted a site visit on Friday October 20, 2023.

### Attachment

ISG:jam

B:\Working\MASSPORT\2302746 Cypher\_E St LSP Services\01\_ADMIN\Community Updates\8. 10252023 update.docx



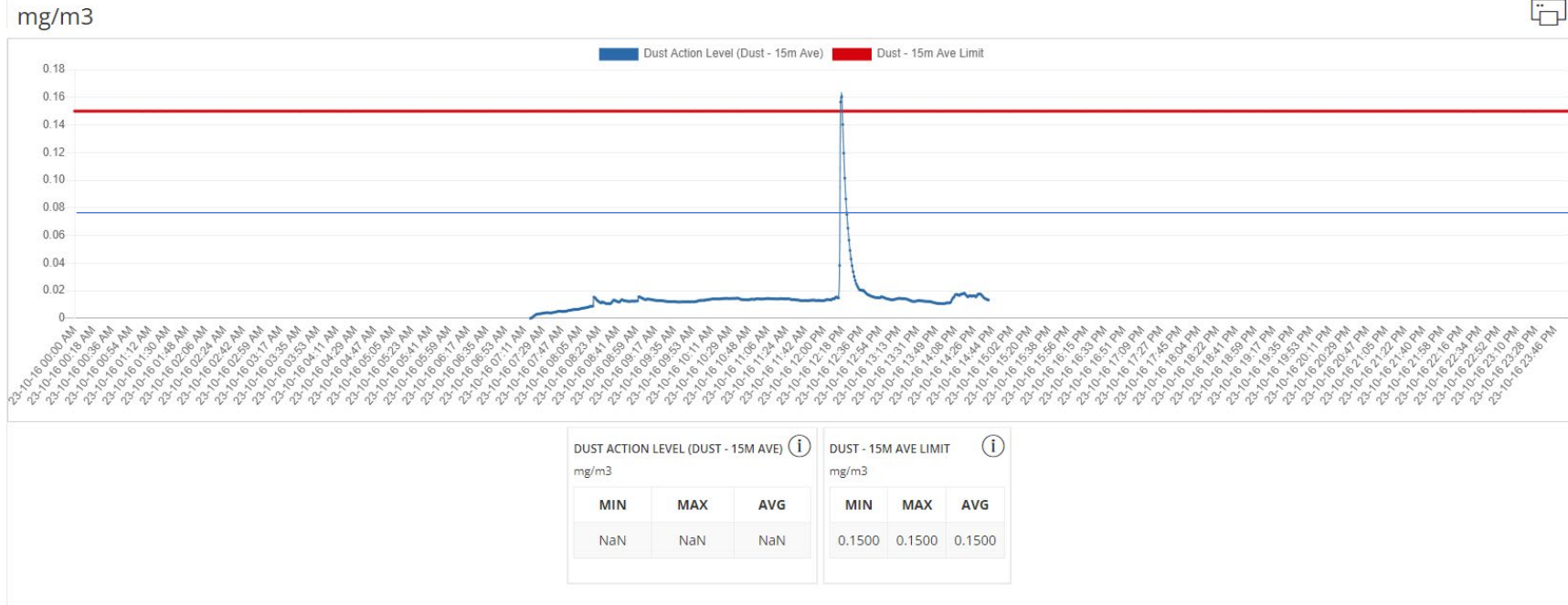
Southside liner and fill in TSCA area



Lamp post foundation and conduit



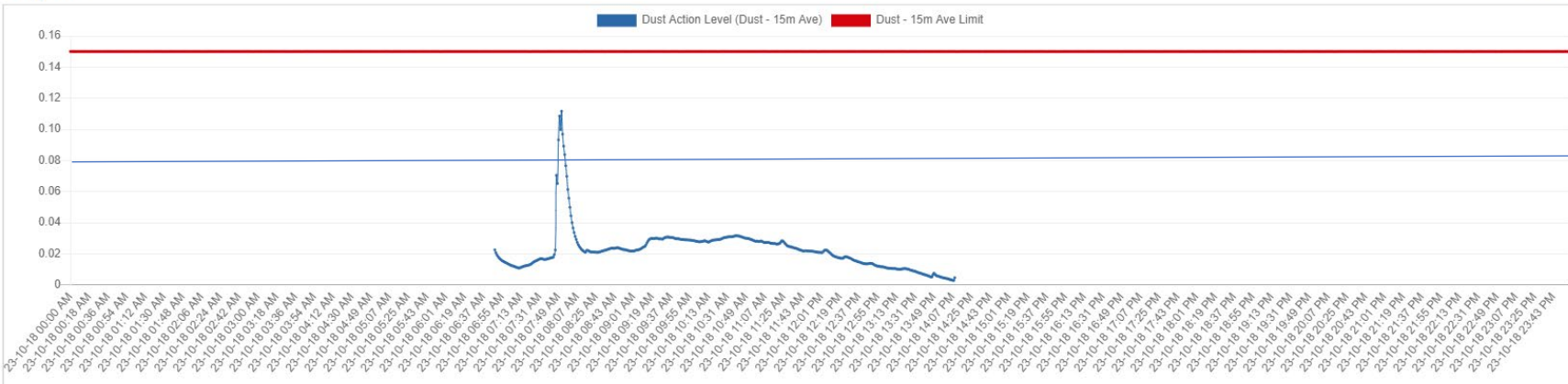
Drainage line in D to E Connector



Dust Monitoring at A Street Park, Monday, October 16, 2023



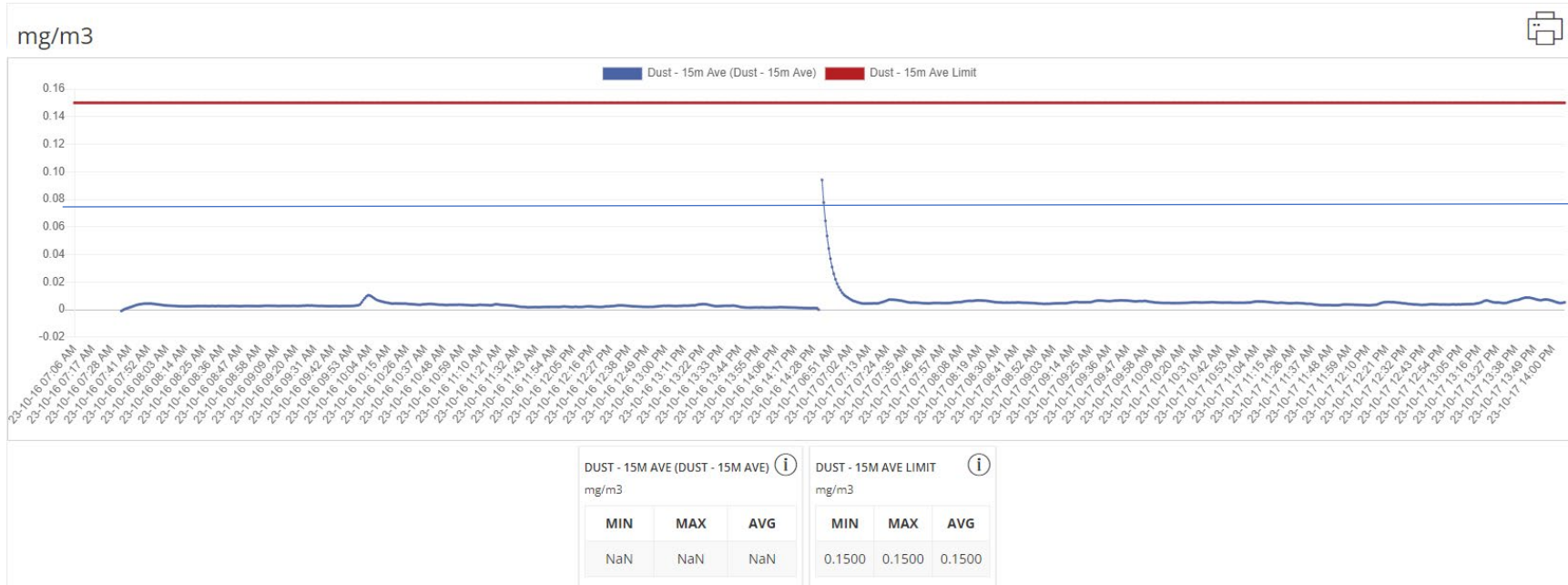
mg/m3



DUST ACTION LEVEL (DUST - 15M AVE) <span style="float: right;">i</span>			DUST - 15M AVE LIMIT <span style="float: right;">i</span>		
mg/m3			mg/m3		
MIN	MAX	AVG	MIN	MAX	AVG
NaN	NaN	NaN	0.1500	0.1500	0.1500

Dust Monitoring at Flaherty Park, Wednesday, October 18, 2023





Dust Monitoring at Mahoney Community Garden,  
 Monday and Tuesday, October 16 and 17, 2023