

MEMORANDUM

TO: Andrew Louw and Luisa Oliveira (City of Somerville)

CC: Weston & Sampson Team, File

FROM: Joseph Spencer and Taylor Smith (Weston & Sampson)

DATE: July 12, 2021

SUBJECT: Conway Park Remediation and Redevelopment – Weekly Update
Week Ending July 9, 2021

Construction at Conway Park in Somerville is ongoing. Quirk Construction (Quirk), under contract with the City of Somerville (the City), mobilized on April 20, 2021. A summary of the Project status and this week's activities are as follows:

Week: 12

Phase: 1

Primary Contractor: Quirk

Requests for Information (RFIs)

There are three RFIs currently outstanding. Outstanding RFIs include:

- *RFI #1* - Stormwater connection – submitted 4/30/21
 - Design is with Quirk. Quirk to provide cost for changes.
- *RFI #3* - MBTA Retaining Wall & Fence – submitted 6/4/21
 - Design is with Quirk. Quirk to provide cost for changes.

Major Milestones

The following major milestones were reached this week:

- Quirk completed shipping of topsoil to Turnkey Landfill (TREE) in Rochester, NH
- Quirk completed truck wash area construction
- EPA began soft mobilization to Site

On-going Construction

Construction of the following is on-going:

- Sub-field grading
- Wall and fencing adjacent to MBTA right-of-way
- Inspection, maintenance, and repair of environmental protection

Outstanding Items

The following items require attention:

- Resolution of RFIs #1 and 3

Dust Monitoring

Monitoring for dust at the perimeter of the Site and adjacent to residences, pedestrians, and bicyclists is achieved through a network of four (4) continuous dust monitoring instruments. One is placed in front of the adjacent Allen Court residences and the other three are moved daily, if necessary, based on wind direction. The instruments, TSI DustTracks, measure particulate matter in air and continuously log the results to a computer where the results are stored. The 150 micrograms/cubic meter ($\mu\text{g}/\text{m}^3$) Project action level being used at both the Site perimeter and in the work zone and is based the EPA's National Ambient Air Quality Standard (NAAQS) for coarse particles, which is a 24-hour Time-Weighted Average (TWA), and is considered a conservative action level based on site-specific risk calculations. If any 15-minute exceedance of the 24-hour TWA is exceeded, e-mail alerts are sent to Weston & Sampson and Quirk, and Site work is temporarily halted while additional dust suppression methods are employed.

Exposed soil, stockpiles, and areas where earth is being disturbed are sprayed regularly with water by Quirk to prevent the release of dust/soil particles. Some areas are covered with a geotextile fabric and weighed down with clean stone. No dust meters in the four (4) monitor network have recorded a 24-hour TWA above 150 $\mu\text{g}/\text{m}^3$ during the work week ending July 9, 2021.

The following ranges of average daily dust concentrations have been recorded this week:

- Downwind: 16.3 to 70 $\mu\text{g}/\text{m}^3$
- Crosswind: 12.5 to 50.1 $\mu\text{g}/\text{m}^3$
- Upwind: 30.2 to 35.4 $\mu\text{g}/\text{m}^3$
- Meter adjacent to eastern border/residences: 12.5 to 39.8 $\mu\text{g}/\text{m}^3$

Pay Requests

No pay requests were reviewed by Weston & Sampson this week.

Schedule

The Project is currently approximately 2 weeks behind schedule based on the initial Project schedule provided. Quirk sent revised Phase 2, 3, and 4 schedule with the following projected:

- **Next week:** EPA to continue soft mobilization to Site
- **Labor Day:** EPA to turn Site over back to Quirk
- **Mid-October:** Drop dead date for beginning turf installation

Additionally, Quirk provided a list of items for completion during Phase 2 that were originally scheduled for Phases 3 and 4. Weston & Sampson and EPA reviewed the list of items provided by Quirk and agree it is appropriate for the work to be completed during Phase 2 as long as it does not interfere with EPA's work.

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