December 3, 2025

Mr. Michael Squire, P.E.
NYSDEC
625 Broadway – 11th Floor
Albany, NY 12233

Via Electronic Transmission

RE: BCP Site #C344070
Former Material Research Corp.
542 Route 303
Orangetown, New York

Dear Mr. Squire:

On behalf of our client, Sony Electronics, Inc. (Sony), WSP USA (WSP) is pleased to submit this proposed Work Plan to conduct additional delineation following a supplemental investigation within the onsite operable unit 1 (OU-1) at the above-referenced site. This additional delineation is in response to data gaps identified in the OU-1 Supplemental Investigation (SI) which was conducted in July 2025 and summarized in the OU-1 SI Report submitted to the New York State Department of Environmental Conservation (NYSDEC) on November 25, 2025.

This Work Plan presents a strategy to further delineate three contiguous areas in the OU-1 area where concentrations of constituents of concern (COCs) were detected above the protection of groundwater soil cleanup objectives (SCOs), and to characterize and delineate sporadic detections below the SCOs elsewhere in OU-1. This delineation plan proposes advancing approximately 45 - 50 additional shallow soil borings in OU-1.

The proposed drilling and sampling presented in this scope of work will be conducted in a similar manner at all of the proposed drilling locations and consistent with the December 2024 OU-1 SI Work Plan (approved April22, 2025). All field work will follow the Health and Safety Plan and Community Air Monitoring Plan included in the NYSDEC-approved Remedial Action Work Plan (May 2018).

OU-1 SUPPLEMENTAL INVESTIGATION FINDINGS

As discussed in the OU-1 SI Report, three clusters of detections of elevated chlorinated volatile organic compounds (VOCs) were noted in the OU-1 area. Additionally, sporadic detections of one or more COCs were detected in the central part of the OU-1 area.

J1 Area: Concentrations of TCE (trichloroethylene), cis-1,2 DCE (1,2-dichloroethane), and vinyl chloride were detected above SCOs in shallow unsaturated soil at three locations in the northwestern part of the OU-1 area. The area exceeding SCOs is delineated to the south and southeast. Because the SI Work Plan was based on results of an earlier passive soil-vapor survey, soil sampling was not conducted to the north or east and, therefore, these directions are not well delineated. Additionally, the area is

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immediately adjacent to the property line and historic attempts to investigate the private property has thus far been unsuccessful, so the area to the west cannot be assessed.

K4 Area: Concentrations of cis-1,2 DCE were detected above SCOs in shallow soil at two locations in the northeastern part of the OU-1 area, with additional detections below SCOs at 11 locations in close proximity to these locations. The area exceeding SCOs is well delineated to the north/northwest and south/southwest based on the results of the SI, but not well delineated or characterized in the immediate vicinity of the two locations where detections exceeded SCOs.

F3-W Area: A narrow pocket of fill material was observed at a depth of 0.8 foot during drilling activities at one location in the southern part of the OU-1 area. A sample of the fill interval contained elevated concentrations of 1,1,1-TCA (1,1,1-trichloroethane), TCE, and cis-1,2 DCE exceeding the protection of groundwater SCOs. The fill material was not observed in nearby soil borings to the east and a sample collected immediately beneath the fill interval did not contain COCs exceeding SCOs. The SI did not include samples to the north, south or west of this location. While the fill pocket is believed to be limited, the area is not well delineated.

Sporadic Detections: Detections of one or more COCs in shallow soil were noted at eight locations in the central part of the OU-1 area, five of which were detected below the limit of quantitation (J-flagged). These detections did not appear to be contiguous with any of the three areas identified above, and all detections were below the SCOs.

SCOPE OF WORK

Soil Borings

The results of the OU-1 SI identified data gaps requiring further characterization and delineation of three areas, approximately 45 -50 additional soil borings are proposed (Figure 1). Each soil boring will be advanced to a depth of 5 ft bg (feet below grade), which was the approximate depth of the water table throughout the area during the July SI drilling. Where soil borings were advanced below the water table during the SI, visual and instrumental observations (i.e., staining and PID (photoionization detector) readings) indicated the greatest presence of COCs were detected in unsaturated shallow soils. Detections of chlorinated VOCs in select saturated samples collected during the SI are generally attributed to detections in groundwater. Additional soil borings or further delineation may be completed during this proposed scope of work, if appropriate, based on field observations, particularly if the fill interval in the F3-W area is observed elsewhere.

Soil borings will be advanced using a Geoprobe 7822DT direct-push drill rig or similar, which was effective in penetrating the very compact soils encountered during the SI. Prior to commencing drilling activities, WSP or the selected drilling subcontractor will contact 811 to mark buried utilities in the work area. Prior to the July 2025 SI, WSP retained a private utility location contractor to identify buried utilities in the area using ground penetrating radar, frequency induction, and passive scanning for utilities. Markings made on pavement during that effort were most recently observed intact in November 2025 and may be relied upon if present during future drilling efforts. No drilling will be conducted within 4 feet of known buried utilities, including several buried argon lines which run along the property boundary to the west. Soil samples will be collected continuously from all soil borings and all soil samples will be geologically logged in accordance with ASTM D 2488 and ASTM D 2487.

Soil from each sample interval will be placed into a dedicated, sealed plastic bag and the headspace within the bag will be screened for the presence of VOCs with a PID with a 10.6 eV bulb that will be calibrated to an isobutylene standard and soil samples from each interval will be placed into laboratory-supplied glassware, properly labeled and stored in chilled coolers. At a minimum, one soil sample from each soil boring will be submitted to York Analytical Laboratories (York) (now part of ALS

Limited) for analysis. York is a certified New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) laboratory. Samples that show evidence of grossly impacted soil or have elevated VOC headspace readings will be submitted for halogenated VOCs by EPA Method 8260 analysis. If there are no obvious field screening observations at a boring location, then the soil collected from the 2- to 3-foot interval will be submitted for laboratory analysis, which is the approximate midpoint of the unsaturated zone based on the SI. Additional soil borings for further horizontal characterization and/or soil samples requiring laboratory analysis will be based on actual field conditions observed during the drilling activities.

Reporting

An amendment to the OU-1 Supplemental Investigation Report summarizing the additional field work completed and detailing the results of the investigation will be submitted to the NYSDEC for comment and approval. Using data generated from this proposed delineation effort and from the July 2025 SI, the amendment will identify, characterize, and delineate areas onsite within OU-1 where concentrations of COCs in unsaturated soil exceed SCOs.

If you have any questions, please feel free to contact Karen directly at (475) 882-1706.

Kind regards,

WSP USA

Karen B. Destefanis, PG(NY)
Vice President

Reviewed by:

Michael Manolakas, PG(NY)
Northeast Regional Leader, Earth & Environment

KD:cmm
Enclosures
cc: Stephen Lawrence (NYSDOH)
Douglas Smith (Sony)
Megan McCarthy (Sony)
Scott Furman (SPR)
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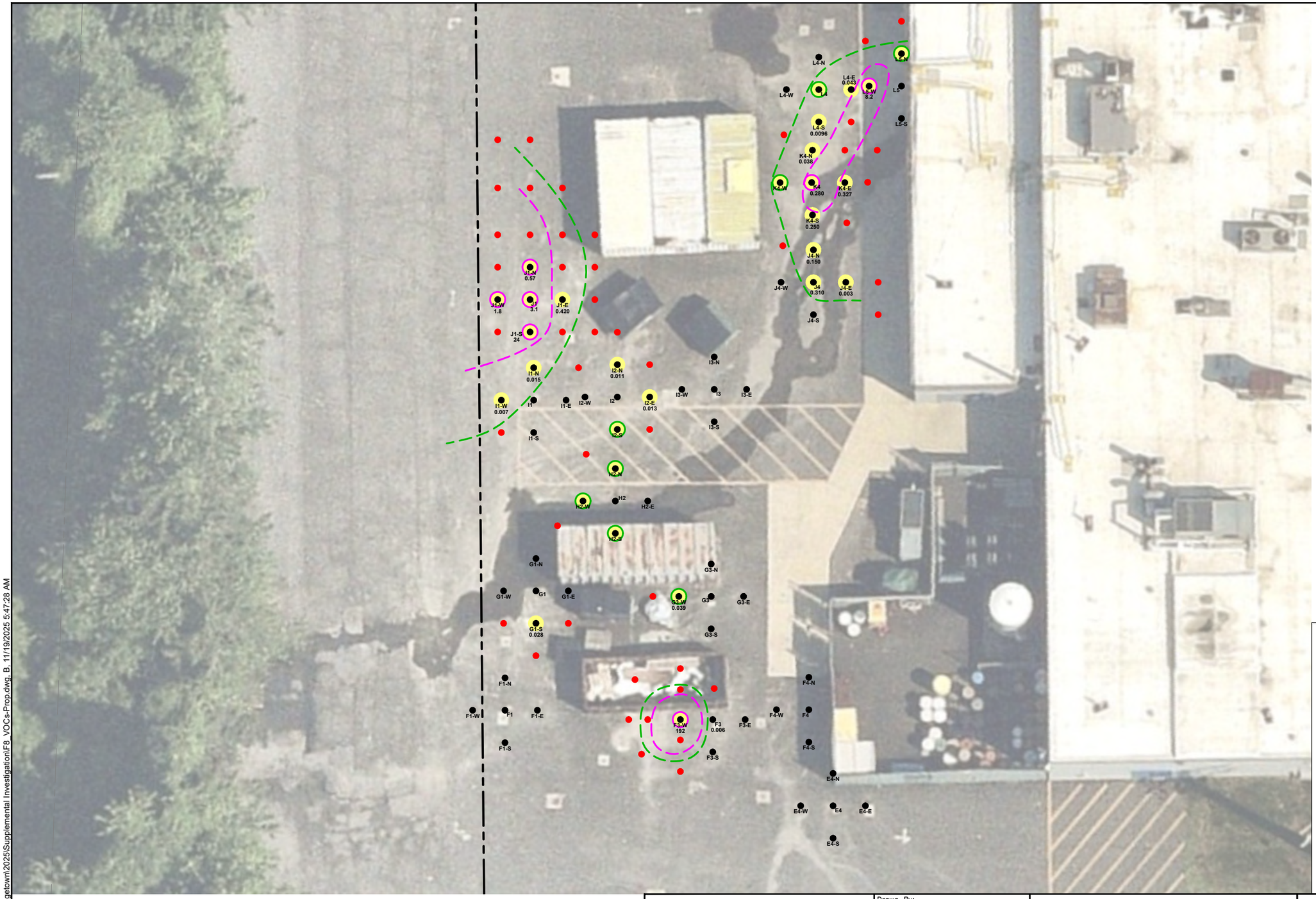
FIGURE



LEGEND

- PROPERTY BOUNDARY
- FORMER PROPERTY BOUNDARY
- SHALLOW SOIL BORING
- COMPOUND DETECTED
- COMPOUND DETECTED BELOW THE QUANTITATIVE REPORTING LIMIT (J-FLAG)
- COMPOUND DETECTED ABOVE THE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- AREA EXCEEDING SOIL CLEANUP OBJECTIVES
- LIMIT OF DETECTION
- PROPOSED SOIL BORING

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SCALE IN FEET

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Drawn By:	RAC
Checked:	KD
Approved:	KD
DWG Date:	11/19/25

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DETECTIONS OF TOTAL CHLORINATED VOLATILE ORGANIC COMPOUNDS IN UNSATURATED SOIL

FIGURE 1

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