

**From:** Hodgson, Scott A. <Scott.Hodgson@terracon.com>  
**Sent:** Friday, March 8, 2024 8:25 AM  
**To:** Schultz, Josie M - DNR  
**Cc:** mark.woppert@smoke-out.net; crdockry@gmail.com  
**Subject:** Smoke-Out Revised DERF CO 2 Costs  
**Attachments:** WDNR.DERF.Change Order 2.030724rev.pdf; Smokeout2024.Form.4400-214D.LSS Change Order.030724rev.pdf; Fig 3.Proposed Sample locations.030824rev.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Josie,

Attached are a revised Detailed Cost Summary, Linking Spreadsheet, and Proposed Sample Locations Map for the Work Plan and DERF Change Order 2 per our March 7, 2024, phone conversation. As discussed, we added installation and sampling of sub-slab vapor point VP-9 at the approximate location of the sewer line break in the Badger Scale space. We also added a passive indoor air sample in the office area of Smoke-Out at the location of previous sample IA-1. The additional scope was added on line 4.c6 Additional Vapor Sampling, which included additional Terracon time for installing and sampling sub-slab vapor point VP-9 and laboratory analysis. The total increase on this line was \$1,010.00 which was also reflected on the line for major task "Groundwater Sampling-Post-Injection Quarterly Sampling Rounds (6) and Annual Sampling Rounds (2); SSDS Vacuum Monitoring; and Vapor Monitoring" on the Linking Spreadsheet.

Please let me know if you have any questions.

**Scott A. Hodgson, P.G.**  
Senior Project Manager | Environmental Services



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**New Address!**

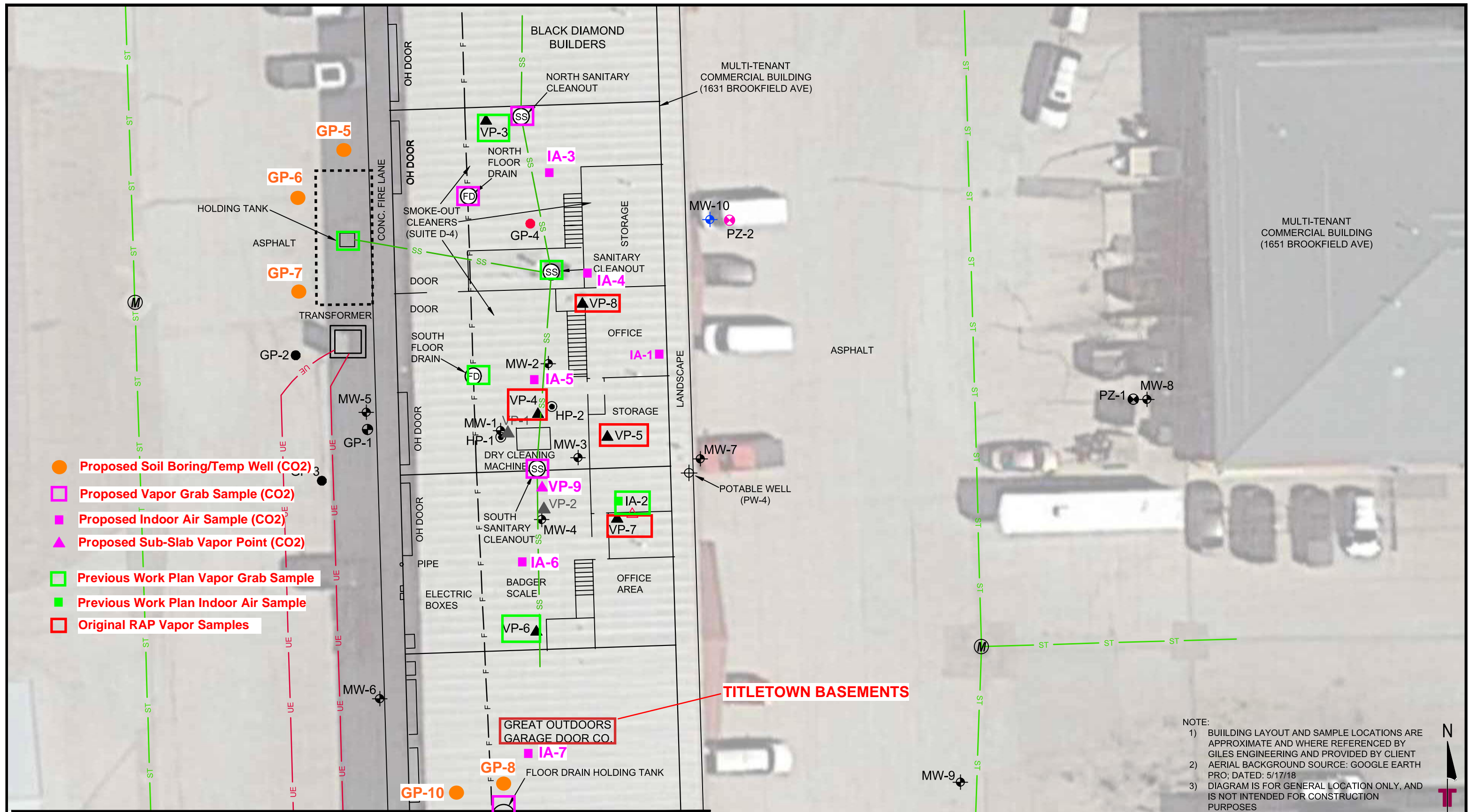


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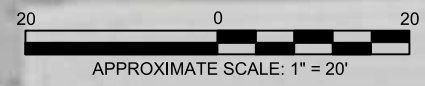
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- Proposed Soil Boring/Temp Well (CO2)
- Proposed Vapor Grab Sample (CO2)
- Proposed Indoor Air Sample (CO2)
- ▲ Proposed Sub-Slab Vapor Point (CO2)
- Previous Work Plan Vapor Grab Sample
- Previous Work Plan Indoor Air Sample
- Original RAP Vapor Samples

NOTE:  
 1) BUILDING LAYOUT AND SAMPLE LOCATIONS ARE APPROXIMATE AND WHERE REFERENCED BY GILES ENGINEERING AND PROVIDED BY CLIENT  
 2) AERIAL BACKGROUND SOURCE: GOOGLE EARTH PRO; DATED: 5/17/18  
 3) DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES



LEGEND	
<b>TERRACON SAMPLE LOCATIONS</b>	<b>GILES ENGINEERING SAMPLE LOCATIONS</b>
⊕ OBSERVATION WELL	⊕ OBSERVATION WELL
⊗ PIEZOMETER	⊗ PIEZOMETER
● DIRECT-PUSH SOIL BORING	⊙ HAND PROBE SOIL BORING
△ INDOOR AIR SAMPLE POINT	⊙ DIRECT-PUSH SOIL BORING/TEMPORARY WELL
	● DIRECT-PUSH SOIL BORING
	▲ SOIL VAPOR POINT
	▲ FORMER SOIL VAPOR POINT
	⊕ POTABLE WELL
	⊕ MANHOLE
	— F — F — FLOOR DRAIN LINE
	— UE — — — UNDERGROUND ELECTRIC LINE
	— ST — — — STORM SEWER LINE
	— SS — — — SANITARY SEWER LINE

Project Mgr:	SAH	Project No.	58187103
Drawn By:	JLM (41)	Scale:	AS SHOWN
Checked By:	EPK	File No.	58187103C1
Approved By:	SAH	Date:	10/2021

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**PROPOSED SAMPLE LOCATIONS**

**SMOKE-OUT CLEANERS**  
 1631 BROOKFIELD AVENUE, UNIT D-4  
 HOWARD, WISCONSIN





