

December 21, 2017

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SCANNED

SITE ASSESSMENT,
REMEDICATION &
REVITALIZATION

Ms. Jan Trent
Hydrogeologist
State Remediation Section
Site Assessment, Remediation+
& Revitalization Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Re: Response to DHEC Comments, dated October 24, 2017
Ingersoll Rand–Honea Path Plant
Honea Path, South Carolina
BLWM Site ID: 400238
AEM Project No. 1320-1702

Dear Ms. Trent:

In a letter dated October 24, 2017, regarding the *Supplemental Source Area Assessment Report for the Former TCE AST Tank Pad*, the South Carolina Department of Health and Environmental Control (DHEC) requested that "prior to submittal of a Feasibility Study (FS) to address source area soil contamination and groundwater ... a meeting (be held) to discuss potential remedies, the focus and structure of an FS, and the Voluntary Cleanup Program."

Per telephone discussions between DHEC and Atlanta Environmental Management, Inc. (AEM) on November 16, 2017, DHEC further clarified that they would like to have a better understanding of options for source area remediation at the site, including both soil and groundwater. To further this discussion, Ingersoll Rand proposes the following:

- Conduct a Focused Feasibility Study of potential soil and groundwater remediation strategies in the primary source areas as indicated on Figure 1.
- Soil source areas are defined as those in the vicinity of soil borings SB-05 and B-01.
- Groundwater source areas are defined as those in the vicinity of monitoring well SH-02 and recovery well MW-19A.
- Preliminary review has resulted in the following options: (1) Soil source areas: Soil Vapor Extraction, Chemical Oxidation, and No Action. (2) Ground water source areas: Vacuum Extraction, Air Sparging, *In Situ* Chemical Oxidation, *In Situ* Oxygen Curtain, Modified Pump and Treat, and Continued Pump and Treat. The analysis will also acknowledge the large-scale groundwater containment and treatment remedy that has been ongoing at the site for many years.
- The desktop evaluation for both soil and groundwater source areas will aid in determining whether there are remedial options that can be further evaluated. This could include the performance of a treatability study or a pilot test.

Ms. Jan Trent—DHEC
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This Focused Feasibility Study will take approximately six months to complete. Upon your written approval of our proposed approach, we will respond with a specific due date.

If you have any questions, please call us at 404-329-9006.

Sincerely,

Atlanta Environmental Management, Inc.



Leona Miles, CHMM
Project Manager



Michael Brock, P.G.
Vice President

/krf

c: Michael Goldstein (Ingersoll Rand)

Enclosures

Legend

- - Soil Boring
- ⊕ - Residuum Aquifer Zone Monitoring Well
- ⊖ - Partially Weathered Rock Aquifer Zone Recovery Well

- - Fenceline
- - Piping (With Flow Direction)
- ===== - Trail

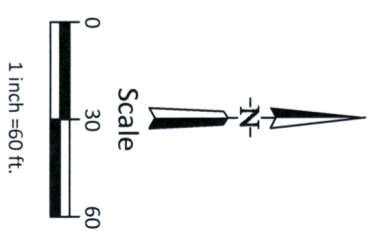
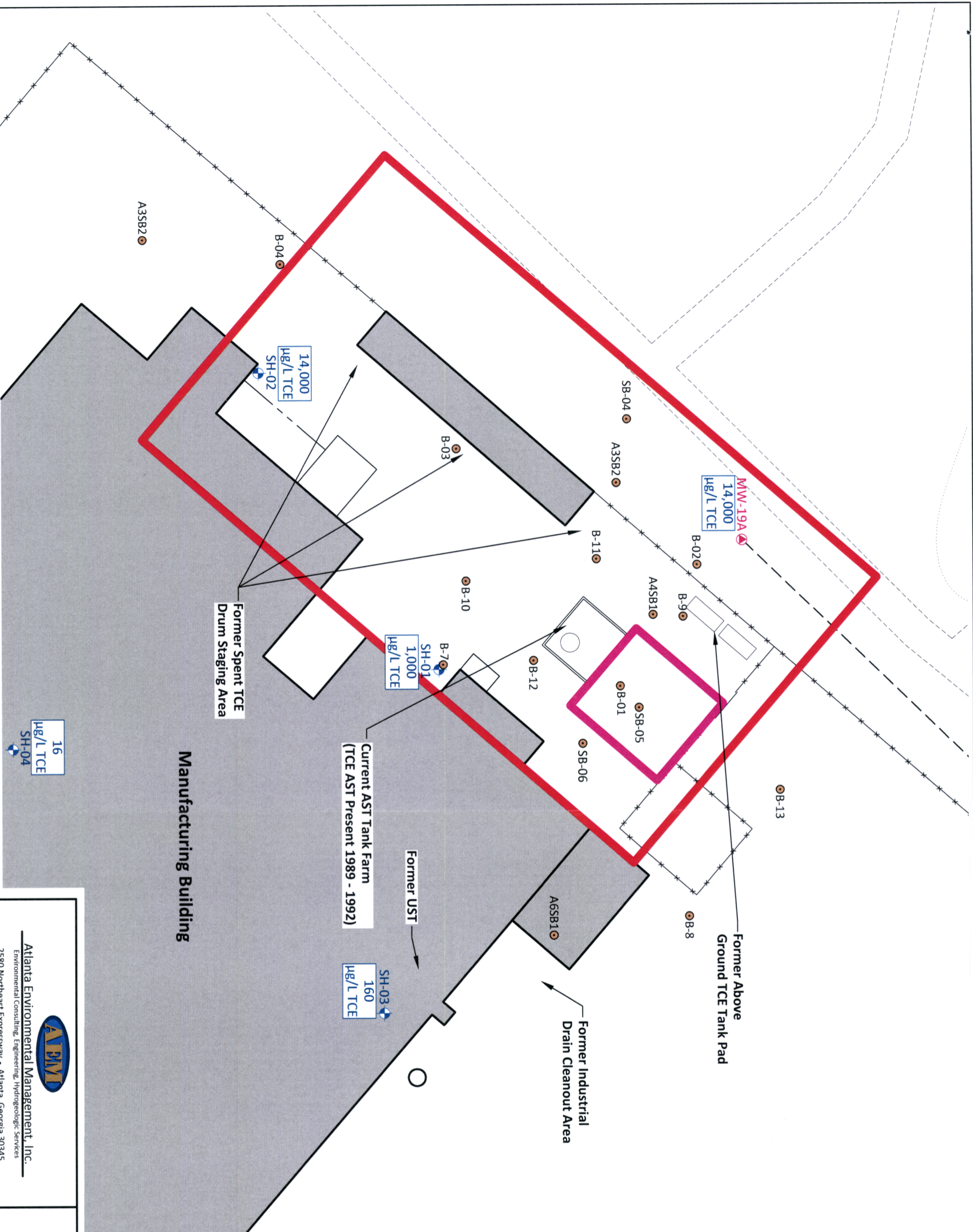
mg/kg - Milligrams per Kilogram

- Analyte Exceeding EPA Region IX Industrial Regional Screening Level

- Groundwater Source Area

- Soil Source Area

Depth	B-01 (10/2016)	SB-05 (2006)
0-1 ft.	0.089	--
5 ft.	0.54	--
10 ft.	57	93
20 ft.	3.0	--
~25 ft	Water Table	



A E M M
Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
Phone: 404.329.9006 • Fax: 404.329.2057

PROJECT #:	1320-1702-03	DATE:	December 19, 2017
DRAWN BY:	TL	REVISED:	----
CHECKED BY:	LM	SCALE:	1" = 2000'
PROJECT MGR:	LM	PRINTED:	2/20/2017 11:29 AM

Honea Path Plant
415 Brick Mill Road
Honea Path, South Carolina

Soil and Groundwater Source Areas