

REMEDIAL ACTION REPORT

For

**OPERABLE UNIT 1 – REMEDIAL ACTION PHASE 2
FORMER KIL-TONE COMPANY SUPERFUND SITE
VINELAND, NEW JERSEY
PROPERTY ID: 014 – 527 E. Cherry Street**

**CONTRACT NO.: W912DQ-16-D-3003
Task Order: W912DQ-18-F-3031**

PREPARED FOR:

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Former Kil-Tone Superfund Superfund Site
Vineland, New Jersey
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APPENDICES

Appendix A	Signed Access & Restoration Agreement Forms
Appendix B	Design Drawings

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LIST OF ACRONYMS & ABBREVIATIONS

bgs	below ground surface
CCIA	Cumberland County Improvement Authority
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CQCSM	Contractor Quality Control Systems Manager
CY	Cubic yard
DGA	Dense graded aggregate
EPA	U.S. Environmental Protection Agency
FKTC	Former Kil-Tone Company
HDPE	High Density Polyethylene
µg/L	Microgram per Liter
mg/kg	Milligram per kilogram
NJDEP	New Jersey Department of Environmental Protection
NPL	National Priorities List
OU	Operable Unit
PAL	Project Action Limit
PCB	Polychlorinated biphenyl
PM	Project Manager
PPE	Personal protective equipment
QA	Quality assurance
QAPP	Quality Assurance Project Plan
QC	Quality control
RAR	Remedial Action Report
RDCSRS	Residential Direct Contact Soil Remediation Standards
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RPM	Remedial Project Manager
SES	Sevenson Environmental Services, Inc.
SSHO	Site Safety and Health Officer
SVOC	Semi volatile organic compounds
TAL	Target Analyte List
USDA	United State Department of Agriculture
USACE	U.S. Army Corps of Engineers
USEPA	United States Environmental Protection Agency
VOC	Volatile organic compounds

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REMEDIAL ACTION REPORT - SECTION 3

sampling event reached as high as 13,000 mg/kg while lead was 31,000 mg/kg, respectively.

A second mobilization for core sampling was made at the direction of USACE. An additional 18 boring locations were provided, to be sampled at 12" intervals or until the water table was reached. This also included six core samples through the basement floor. A majority of the sample locations resulted in some level of contamination with the highest concentration of arsenic at 9,500 mg/kg while lead had a high concentration of 12,000 mg/kg. All investigation core samples can be found below in table 3.1.2 with all sample locations shown in Figure 3.1.1, above.

