



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION III

STATEMENT OF BASIS

TE CONNECTIVITY
(Formerly Tyco Electronics Corporation and AMP Inc.)
LANDISVILLE, PENNSYLVANIA
EPA ID No. PAD980554778

Prepared by
Office of Pennsylvania Remediation
Land and Chemicals Division
August 2014

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List of Acronyms

EI	Environmental Indicator
EPA	Environmental Protection Agency
MCL	Maximum Contaminant Level
MSC	Medium Specific Concentration
PADEP	Pennsylvania Department of Environmental Protection
RCRA	Resource Conservation and Recovery Act
SB	Statement of Basis

Section 1: Introduction

The U.S. Environmental Protection Agency (EPA) has prepared this Statement of Basis (SB) in accordance with the Corrective Action Program to solicit public comment on its proposed remedy for the TE Connectivity (TE) facility located at 1590 Kauffman Road, Landisville, Pennsylvania (the Facility or the Site). EPA's review of available information indicates that there are no unaddressed releases of hazardous wastes or hazardous constituents from the Facility. Based on that assessment, EPA is proposing no further corrective action or land use controls are necessary at this time at the Facility. EPA has determined that its proposed decision is protective of human health and the environment. This SB highlights key information relied upon by EPA in making its proposed decision.

The Facility is also subject to EPA's Corrective Action Program under the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA) of 1976, and the Hazardous and Solid Waste Amendments (HSWA) of 1984, 42 U.S.C. §§ 6901 *et seq.* (Corrective Action Program). The Corrective Action program is designed to ensure that certain facilities subject to RCRA have been investigated and that all releases of hazardous waste and hazardous constituents have been remediated. The Commonwealth of Pennsylvania (the Commonwealth) is not authorized for the Corrective Action program under Section 3006 of RCRA. Therefore, EPA retains primary authority in the Commonwealth for the Corrective Action program.

The Administrative Record (AR) for the Facility contains all documents, including data and quality assurance information, on which EPA's proposed decision is based. The Index to the AR may be found at the end of the SB. See Section 5, Public Participation, for information on how you may review the documents contained in the AR and submit any comments you may have concerning EPA's proposed decision for the Facility.

Section 2: Facility Background

The Facility encompasses approximately 7.5 acres and is located within an area that is primarily rural/residential and farmland with some light commercial/industrial uses intermixed. The Facility mainly consists of a 64,000 square foot manufacturing building and a 17,000 cubic foot retention pond that receives surface water runoff via underground piping from storm sewers located throughout the property. A site plan is presented in Figure 1.

TE manufactures electronic and electrical connection devices for consumers and the automotive industry. Processes conducted at the Facility include stamping of copper and copper alloys into terminals and connectors, brazing a portion of the connectors, heat treating parts and electroplating the surface of the connectors and terminals with nickel, tin, tin-lead, copper, or gold. Processes also include machining, baking, parts assembly, and packaging.

The Facility is classified as a large quantity generator (LQG) of hazardous wastes. Wastes currently generated from the Facility's operations consist of primarily spent non-halogenated solvents and wastes produced from the electroplating process. Spent non-halogenated solvents, electroplating sludges and other manufacturing wastes are sent offsite for disposal. Wastewaters from the electroplating and any miscellaneous spills are directed to the onsite wastewater treatment system (WWTS) for treatment. Treated water is discharged to the Lancaster Area Sewer Authority (LASA) Publicly Owned Treatment Works (POTW). The remaining filtered sludges from the wastewater treatment are disposed offsite at permitted facilities.

Section 3: Summary of Environmental Investigation

In 1995, TE conducted a Baseline Environmental Site Assessment (BESA) at the facility to assess the general environmental condition of the property and to identify and evaluate any potential environmental concerns associated with the site. The assessment consisted of an environmental information survey, site reconnaissance and field investigation.

The environmental information survey mainly consisted of a comprehensive review of all obtainable files about the site. This includes the review of federal, state, and municipal records, available internal files and site physical data such as topography and aerial photographs. The site reconnaissance comprised of a walk-through to document and assess general environmental conditions at the site. The Facility procured several sub slab corings, soil and groundwater samples as part of the field investigation to confirm the environmental conditions.

The environmental information survey and site reconnaissance did not reveal any potential environmental concerns. The field investigation evaluated sub slab corings, soils and groundwater at the facility. Six sub slab corings and several soil boring were installed throughout the site. The corings and soil boring samples were visually inspected and screened for volatile organic compounds (VOCs) and hydrogen cyanide. Several soil samples were procured at various depths for each boring location. TE procured multiple groundwater samples over a span of several years at various locations and depths to assess the groundwater conditions at the site. Soil and groundwater samples were analyzed for VOCs, semi-volatile organic compounds (SVOCs), total phenols, cyanide and heavy metals.

The presence of low concentrations of VOCs, SVOCs and heavy metals were detected in the sub slab corings and soils at the site. Heavy metal results for the soil samples and the sub slab corings were below EPA risk based residential standards or natural background levels. None of the VOCs, SVOCs, total phenols and cyanide constituents detected in soils and corings exceeded the Pennsylvania Department of Environmental Protection (PADEP) Residential Direct Contact Medium-Specific Concentrations (MSCs) or EPA allowable risk range for direct contact for residential land use. Initially, low levels of tetrachloroethene (PCE) and 1,2-dichloroethane (1,2-DCA) were detected above the EPA

Maximum Contaminant Levels (MCLs), a level EPA determined to be protective for human health, in one of the monitoring wells. The levels detected for PCE and 1,2-DCA were 16 ug/L and 6 ug/L, respectively. Subsequent groundwater sample results for PCE and 1,2-DCA were non-detects or below MCLs and confirmed that these constituents do not pose a concern in groundwater. No other VOCs were detected in groundwater. Similarly, no SVOCs, heavy metals, cyanide, and total phenols were detected in groundwater.

Section 4: Environmental Indicators

EPA sets national goals to measure progress toward meeting the nation's major environmental goals. For Corrective Action, EPA evaluates two key environmental indicators for each facility: (1) current human exposures under control and (2) migration of contaminated groundwater under control. EPA has determined that the Facility met these indicators (i.e., there is no contamination problem that creates an unacceptable risk to human health nor is there any evidence of groundwater contamination caused by the Facility) on August 26, 2014.

Section 5: Public Participation

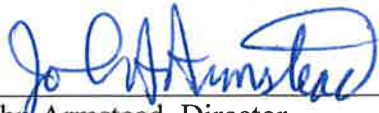
Before EPA makes a final decision on its proposed remedy for the Facility, the public may participate in the decision selection process by reviewing this SB and documents contained in the Administrative Record (AR) for the Facility. The Index to the Administrative Record lists the documents and all information considered by EPA in reaching this proposed decision. The AR is available for public review during normal business hours at:

U.S. EPA Region III
1650 Arch Street
Mail code: 3LC30
Philadelphia, PA 19103
Contact: Khai M. Dao
Phone: (215) 814-5467
Fax: (215) 814-3113
Email: dao.khai@epa.gov

Interested parties are encouraged to review the AR and comment on EPA's proposed decision. The public comment period will last thirty (30) calendar days from the date that notice is published in a local newspaper. You may submit comments by mail, fax, or e-mail to Khai M. Dao. EPA will hold a public meeting to discuss this proposed decision upon request. Requests for a public meeting should be made to Khai M. Dao.

EPA will respond to all relevant comments received during the comment period. If EPA determines that new information warrants a modification to the proposed remedy, EPA will modify the proposed remedy or select other alternatives based on such new information and/or public comments. EPA will announce its final decision and explain the rationale for any changes in a document entitled the Final Decision and Response to Comments (FDRTC). All persons who comment on this proposed remedy will receive a copy of the FDRTC. Others may obtain a copy by contacting Khai M. Dao at the address listed above.

Date: 8.28.14



John Armstead, Director
Land and Chemicals Division
US EPA, Region III

Index to Administrative Record

Site Closure Report, TE Electronics Corporation, Landisville, PA, prepared by R.E. Wright Associates, Inc., March 1989.

Baseline Environmental Site Assessment Report, TE Electronics Corporation, Landisville, PA, prepared by Groundwater Technology, August 1995.

Water Sampling Results, TE Electronics Corporation, Landisville, PA prepared by Science Applications International Corporation, August 2011.

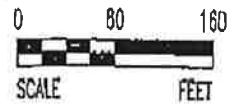
Environmental Indicator Inspection Report, TE Electronics Corporation, Landisville, PA, prepared by Baker, March 2012.

Attachment A

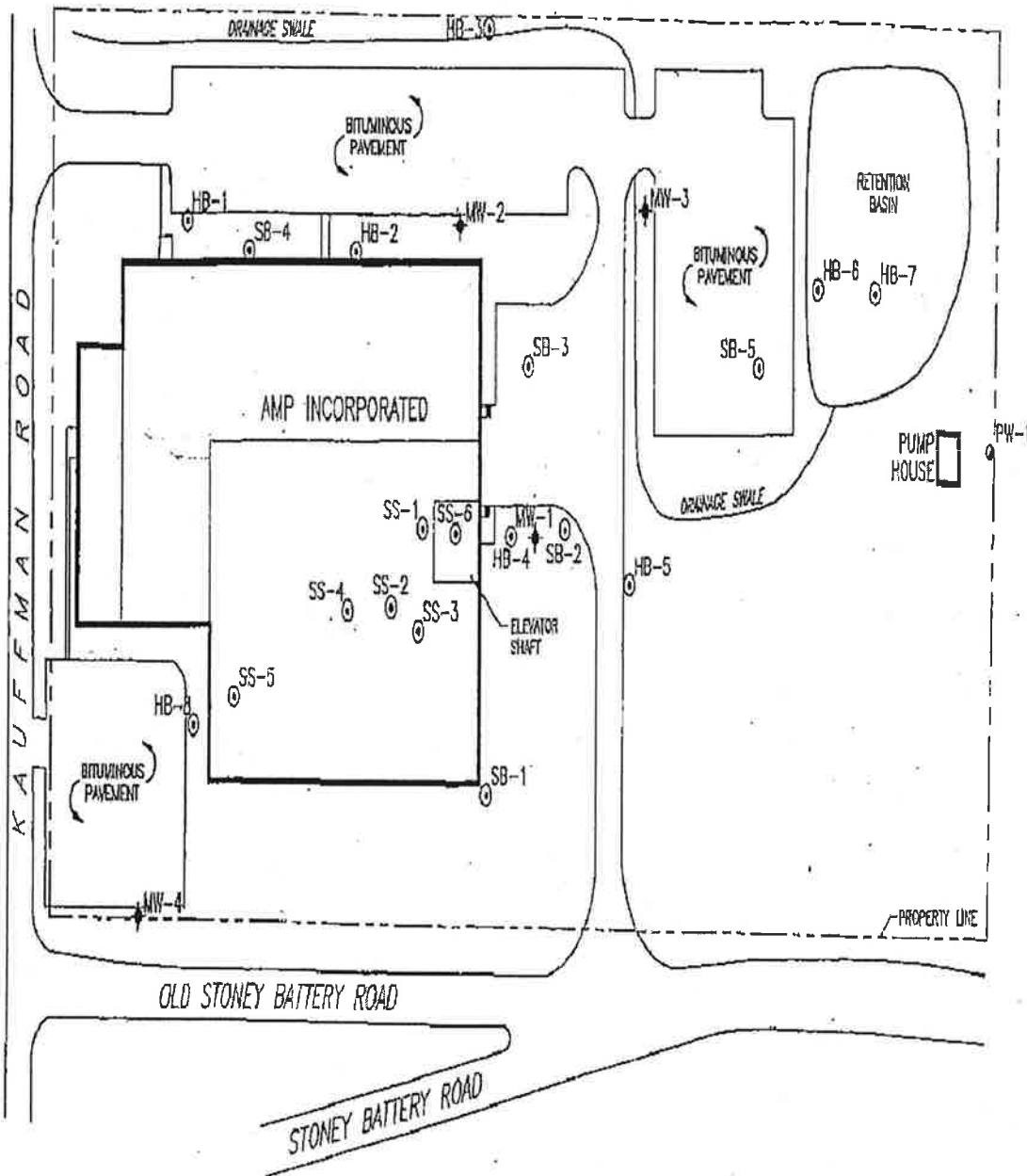
LEGEND

- ◉ EXISTING WELL
- ✦ MONITORING WELL
- ⊙ SB SOIL BORING
- ⊙ HB HAND BORING
- ⊙ SS SUBSLAB CORING

NOTE: GROUNDWATER SAMPLE PS-1 LOCATED IN THE ELEVATOR SHAFT.



SOURCE: AMP INCORPORATED, HARRISBURG, PA.
 FACILITIES SERVICES, SITE PLAN ELECTRICAL
 30 KAUFFMAN ROAD, LANDSVILLE, PA.
 NO.: 108-SPE-1 DATE: 3-8-84 REV.: 3-12-84



GROUNDWATER TECHNOLOGY 310 HORIZON CENTER DRIVE
 TRENDON, NEW JERSEY 08611
 (609) 587-0300

REV. NO.: DRAWING DATE: ACAD FILE:
 2/16/95 0130SITE

SITE PLAN

CLIENT:	AMP INCORPORATED	PI:	
LOCATION:	30 KAUFFMAN ROAD LANDSVILLE, PENNSYLVANIA	PE/RC:	
DESIGNED:	SEE SOURCE	PROJECT NO.:	04100-0130
DETAILED:	KPE	FIGURE:	2

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