

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

ADDENDUM NO. 1 TO CLEANUP AND ABATEMENT ORDER NO. R9-2017-0041

**AN ADDENDUM TO ADD DIRECTIVE O AND REVISE THE DEADLINE FOR
DIRECTIVE D FOR ORDER NO. R9-2017-0041, FORMER ELECTRALAB
FACILITY, 1105 SECOND STREET, ENCINITAS, CALIFORNIA**

The California Regional Water Quality Control Board, San Diego Region (hereinafter San Diego Water Board), finds that:

1. **INVESTIGATIVE ORDER NO. R9-2017-0041.** Except as contradicted or superseded by the findings and directives set forth in this Addendum No. 1 to Cleanup and Abatement Order No. R9-2017-0041 (Order), all of the previous findings and directives of the Order remain in full force and effect.

2. **ADDITIONAL PHASE OF INVESTIGATION NEEDED.** Pursuant to Directive D of the Order, the Dischargers¹ were to submit a Site Investigation Report (Report) on October 30, 2017, describing and interpreting the results of implementation of the Site Investigation Work Plan (Work Plan).² On October 17, 2017, TE Connectivity Inc. (TE) requested an extension of time for submittal of the report required under Directive D, in accordance with Provision M.9 of the Order,³ and noted that additional investigation work will be required beyond that described in the Work Plan. TE proposed it prepare a work plan addendum that would include a summary of data collected to date as well as plans for installation of monitoring wells and for performance of additional investigation activities. TE requested a due date for the work plan addendum of December 15, 2017, and either a due date for the Report of May 1, 2018, or an opportunity to submit a second work plan addendum.

Directive C.5 of the Order recognized “that work plan addenda and supplementary investigations and monitoring may be required to further characterize the site and evaluate remedial alternatives.” According to TE, “conditions outside the control of [TE]...necessitate a time extension.” These conditions include difficult drilling conditions that limited sampler penetration as well as a delay in collection of soil vapor data due to unavailability of Summa canisters from the analytical laboratory. Preliminary data collected during the first phase of field investigation in summer and fall 2017 are inadequate to fully characterize the site in advance of developing

¹ TE Connectivity Inc., Tyco International (US) Inc., Electralab Printed Electronics Corporation, and Self-Realization Fellowship.

² The Report was due 120 days after the San Diego Water Board approved the Work Plan, which occurred on June 30, 2017.

³ Letter from TE Connectivity Inc. to San Diego Water Board dated October 17, 2017. Request for Extension for Submittal of Site Investigation Report, Cleanup and Abatement Order No. R9-2017-0041, Former Electralab Facility, 1105 Second Street, Encinitas, CA.

remedial alternatives for the Feasibility Study, which is the next deliverable (Directive E) due to the Board after approval of the Report.

Providing the Dischargers until December 15, 2017, to submit an Interim Report summarizing site characterization to date, and to submit a Site Investigation Work Plan Addendum to conduct the work needed to complete the site characterization, is reasonable in light of the unforeseen conditions outside the control of TE. To ensure the Dischargers have ample time to fully characterize the site, a due date of June 30, 2018, to submit a final Site Investigation Report is reasonable in light of the need to perform an additional phase of investigation in support of remedial design. Allowing the Dischargers to submit a second work plan addendum in April 2018 is unreasonable, however, because a June 30, 2018, deadline for the Report provides ample time to complete site characterization in two phases if necessary.

3. **CALIFORNIA ENVIRONMENTAL COMPLIANCE ACT.** This action is exempt from the provisions of the California Environmental Quality Act in accordance with section 15061(b)(3) of chapter 3, title 14 of the California Code of Regulations because it can be seen with certainty that there is no possibility that the activity in question will have a significant effect on the environment.

IT IS HEREBY ORDERED that, pursuant to Water Code sections 13267 and 13304, Order No. R9-2017-0041 is amended as follows:

1. Directive O is added:

- O. **INTERIM REPORT/SITE INVESTIGATION WORK PLAN ADDENDUM.** The Dischargers shall submit an Interim Report/Site Investigation Work Plan Addendum (Interim Report) describing and interpreting the results from implementation of the Work Plan. The Interim Report must be received by the San Diego Water Board by 5:00 p.m. on **December 15, 2017**. The Interim Report shall contain, at a minimum, the following information:
 1. **Geologic Characterization.** The Report shall characterize subsurface geology, hydrogeology, and all preferential pathways identified to date that may affect groundwater and soil vapor flow and contaminant migration.
 2. **Groundwater Flow Characterization.** The Report shall describe the rate(s) and direction(s) of local groundwater flow, in the horizontal and vertical dimensions, for all water-bearing units potentially affected by the waste constituent(s) that were discharged at the site.
 3. **Field Methodologies.** The Report shall briefly describe the field methodologies used for soil vapor sampling, soil sampling, groundwater sampling, and any other field sampling-related activities, including drilling and soil logging. Selected methods for purging and sampling monitoring wells and/or borings shall be capable of providing representative samples of

groundwater for detecting all of the waste constituents.

4. **Laboratory Analyses.** The Report shall present results of all analyses performed including laboratory analytical methods and quality assurance/quality control sample results. The suite of chemical analyses, methods, and protocols must be adequate to quantitatively identify and characterize the full range of site-specific waste constituents. Geotechnical analytical results shall be reported if site-specific physical property data were collected for input to the human health risk assessment (HHRA). All sampling data shall be presented in tabular format that includes the sample location, result, depth, and sampling date.
 5. **Sample Locations and Number.** The Report shall describe the locations and number of samples collected, and include a map showing sample locations during the preceding phase of investigation.
 6. **Conclusions.** The Report shall include conclusions based on the results of the soil vapor, soil, and groundwater sampling and the HHRA.
 7. **Work Plan Addendum.** The Report shall provide recommendations for additional work and a schedule for implementation. The work plan addendum shall propose additional site investigation work to complete site characterization and shall include updated information, consistent with that described in Directive C, necessary to conduct an additional phase of investigation.
2. The due date for submittal of the Site Investigation Report pursuant to Directive D of the Order is changed from **120 calendar days after approval of the Site Investigation Work Plan** to **June 30, 2018**.
 3. Directive L is replaced with the following:

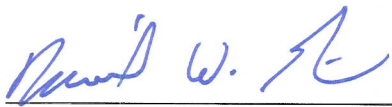
COMPLIANCE DATES. For easy reference, the compliance dates required by the CAO are repeated below.

Directive	Directive Requirement	Due Date
C	Site Investigation Work Plan	60 calendar days after CAO adoption
D	Site Investigation Report	June 30, 2018
E	Feasibility Study	90 calendar days after Site Investigation Report approval
G	Notification Plan	Within 60 days of CAO adoption
H.1	Remedial Action Plan	Within 90 calendar days of Board approval of Feasibility Study
H.2	RAP Implementation	60 calendar days after RAP approval

Directive	Directive Requirement	Due Date
I	Cleanup and Abatement Completion Report	Within 90 calendar days of completion of remediation
J	Semiannual Progress Reports	March 15 and September 15 of each year following completion of remediation
O	Interim Report/Site Investigation Work Plan Addendum	December 15, 2017

An extension of due date(s) may be granted by the San Diego Water Board for good cause.

ORDERED BY



DAVID W. GIBSON
Executive Officer

20 November 2017
DATE