



CONDUCTORLAB

2022 UPDATE

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Honeywell

CURRENT REGULATORY STATUS

- Site managed under Massachusetts Contingency Plan (MCP) in coordination with Massachusetts Department of Environmental Protection (MassDEP)
- MassDEP approved a Phase IV Remedy Implementation Plan (Phase IV RIP) for addressing groundwater discharging to unnamed brook and surface water in brook, which was implemented in June 2020
- Groundwater and surface water monitoring data continue to be reported (last report submitted November 1, 2021)
- Groundwater and surface water data collected through September 2021 confirm that the Site has achieved a condition of No Significant Risk

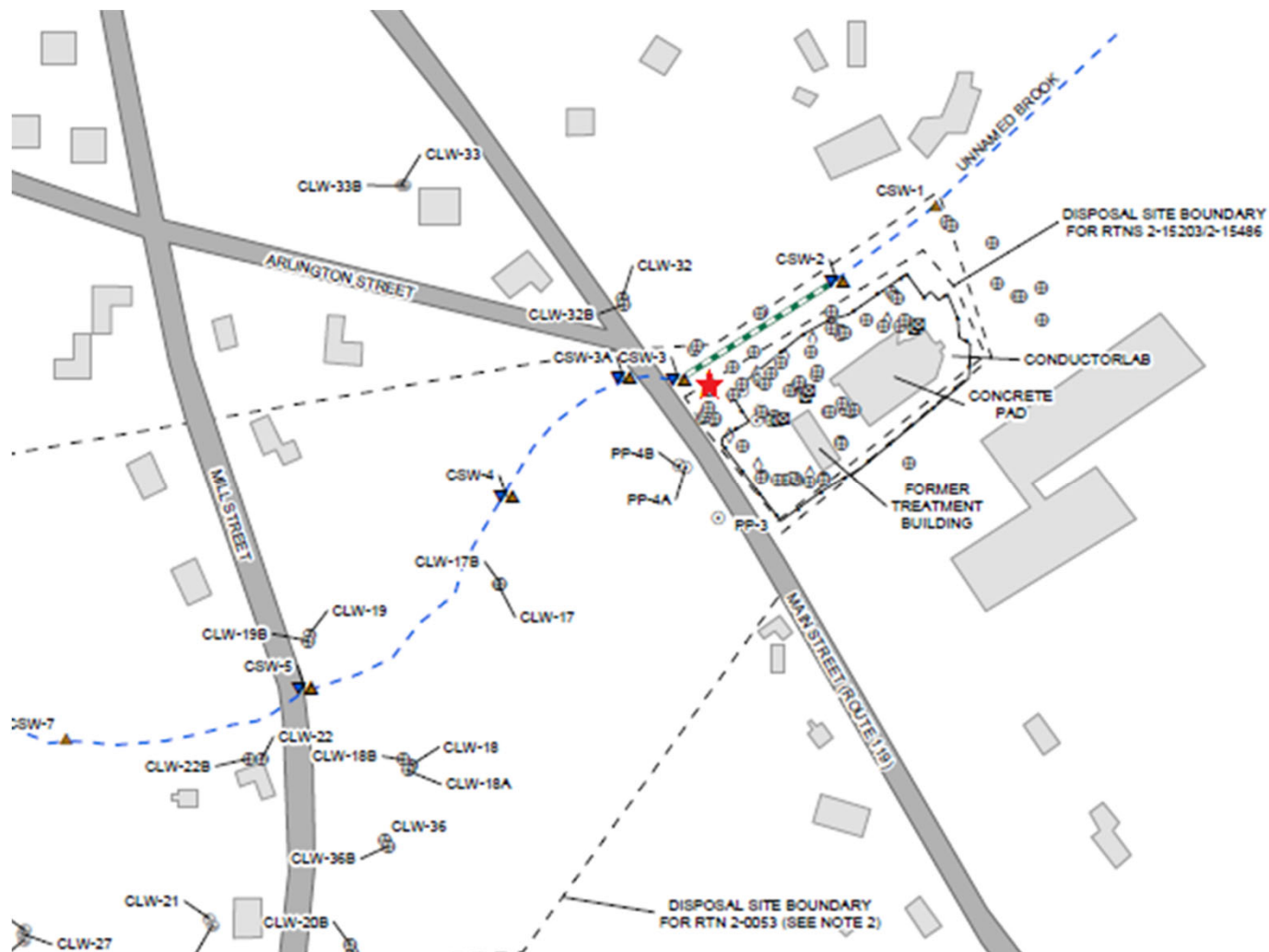
2022 UPDATE

Since our last update on June 28, 2021, Honeywell:

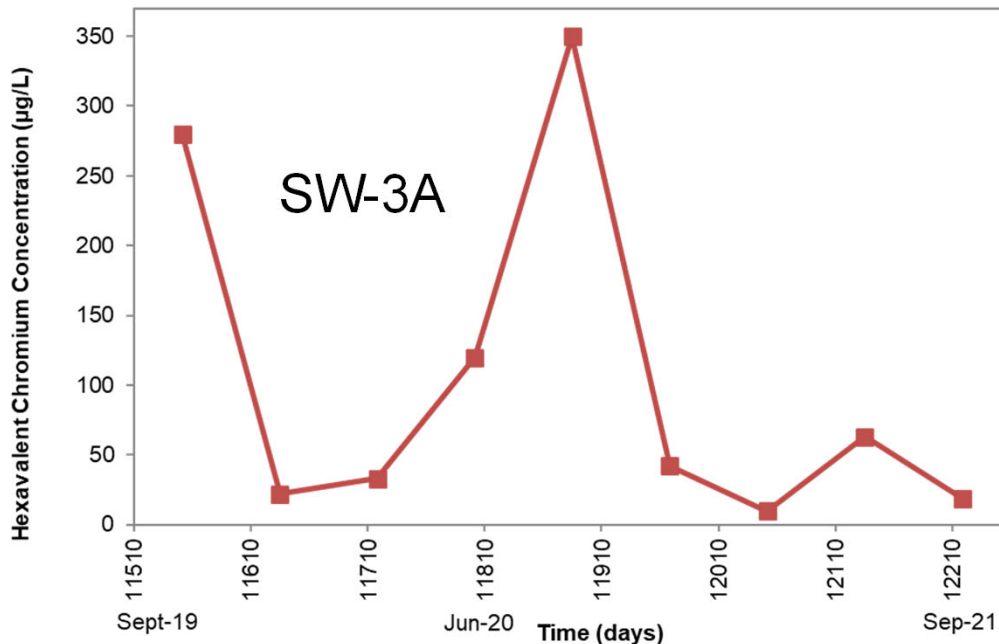
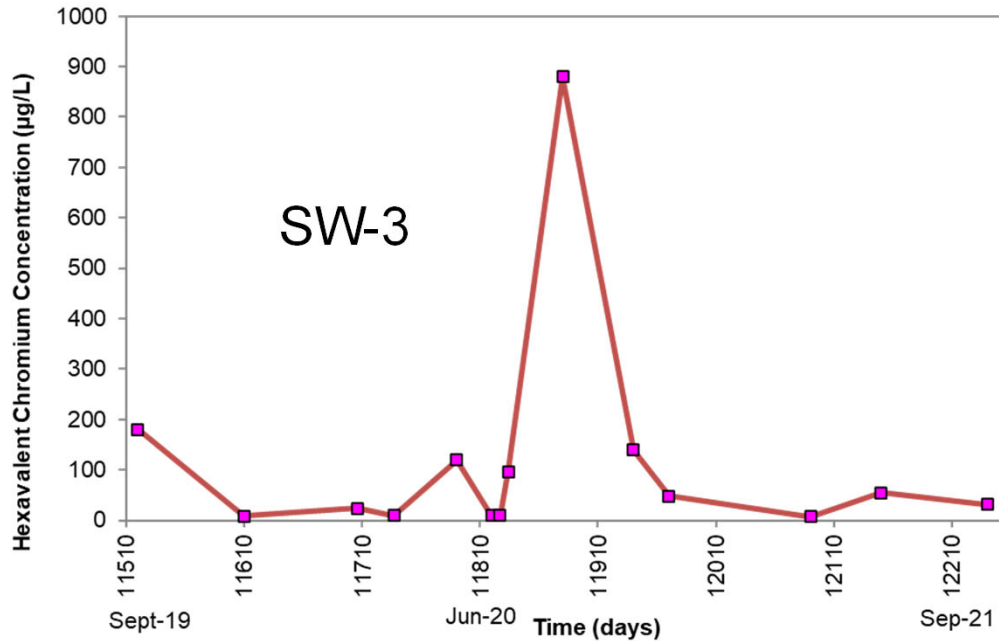
- Completed Utility-Related Abatement Measure on January 3, 2022
(Completion Report to be submitted in 60 days)
- Received groundwater and surface water data from June and September sampling rounds
- Began preparing Permanent Solution Statement

2020 ZERO VALENT IRON (ZVI) INJECTION

- Addressed potential remaining risk in the area indicated by red star
- Reduced elevated concentrations of hexavalent chromium (Cr+6) in groundwater discharging to unnamed brook and surface water in brook at sampling locations CSW-3 and CSW-3A



RECENT SURFACE-WATER MONITORING DATA



- Monitoring locations SW-3 and SW-3A are downstream of ZVI injection area
- Additional sampling rounds in June and September 2021 indicate that Cr+6 concentrations measured in September 2020 were an anomaly
- At both locations, Cr+6 concentrations have dropped below the site-specific no-effects level of 60 ug/L and low effects level of 90 ug/L

ECOLOGICAL RISK CHARACTERIZATION – SUMMARY

- Based on concentration data, a condition of No Significant Risk has been achieved for surface water
- Other lines of evidence support that No Significant Risk has been achieved.

HUMAN HEALTH RISK CHARACTERIZATION – SUMMARY

- For human health risk, cancer risks and noncancer hazards have been calculated for each receptor and complete exposure pathway
- Risk to safety (e.g., presence of physical hazards) has been evaluated
- Soil and groundwater concentrations have been compared to Upper Concentration Limits to evaluate risk to public welfare
- The above evaluations demonstrate a condition of No Significant Risk to human health, safety and public welfare.

ACTIVITY AND USE LIMITATION (AUL)

The following will be prohibited or restricted on the Conductorlab property:

- No residential, active or passive recreational, school, daycare, hospital or nursing home use per the AUL
- No consumption of produce grown in soil (Best Management Practices will be used for such activity or addressed in AUL)
- A vapor intrusion evaluation must be conducted if buildings are constructed on-property and occupied in the future (Note: investigations indicated that vapor intrusion was not occurring in off-property areas)
- No usage of groundwater for drinking water on-property or off-property (Grant of Environmental Restriction already in place)

REMAINING TASKS FOR PERMANENT SOLUTION

- Document findings from the ecological and human health risk characterization in the Permanent Solution Statement (PSS)
- Implement an Activity and Use Limitation (AUL) on the property, as a component of the PSS
- Provide draft AUL to Conductorlab Committee for review prior to recording
- Submit PSS to MassDEP by mid 2022

**THANK
YOU**

Honeywell