



**REMEDIATION SERVICES BRANCH  
ANNUAL REPORT**

State Form 57108 (R / 12-21)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
OFFICE OF LAND QUALITY  
REMEDIATION SERVICES BRANCH  
Submit report to: Program e-Submission folder and  
project manager

**Purpose:** For the Voluntary Remediation Program (VRP), this Annual Report form satisfies Indiana Code (IC) 13-25-5-15, *Voluntary remediation work plan; implementation; reports*, for making regular reports to the commissioner concerning the remediation and Paragraph 20, *Progress Reports* of the current Voluntary Remediation Agreement (VRA). The purpose of progress reports is to assure IDEM that (a) work is progressing in line with the schedule provided in the VRA and the approved Remediation Work Plan (RWP), and (b) completion of the project can be reasonably assured on the scheduled date. If IDEM determines that the Applicant has not made good faith efforts to execute the VRA or fails to maintain the schedule in the RWP, VRP can withdraw from the VRA and terminate the project.

For the State Cleanup Program (SCP), this Annual Report form satisfies the requirement for annual reporting of project progress under the Scope of Work (SOW), contained in the Notice of Liability and Information Request letter (NL Letter). This form does not take the place of the need for submittal of other work plans and reports, which are required per the SOW, contained in the NL Letter and which are necessary to document the completion of site characterization and implementation of remedial actions under IC 13-25-4-9(a) and IC 13-24-1-2.

**Due Date:** January 31, annually, until site achieves closure (receives Covenant Not to Sue from VRP or No Further Action letter from SCP). Information submitted is for the prior calendar year.

Project Identification		Current Information	
Program	<input checked="" type="checkbox"/> Voluntary Remediation	<input type="checkbox"/> State Cleanup	
Site program number	6020801		
Site name	Former Indianapolis Consumer Electronics Facility (formerly known as "Thomson-Former RCA Facility")		
Site address	600 North Sherman Drive, Indianapolis, IN 46201		
Submitter's name	Chase Forman - Ramboll		
Submitter's email address	chase.forman@ramboll.com		
Current site owner(s) name	City of Indianapolis Department of Metropolitan Development		
Current site owner(s) address	200 East Washington Street, Suite T2042, Indianapolis, IN 46204		
Current site owner(s) email	Piers Kirby (Administrator for Real Estate and Brownfield Redevelopment) piers.kirby@indy.gov		
Current site owner(s) phone number	317-327-5131		
Responsible party/Applicant name, address, email and phone number (if different than current owner)	General Electric Company Dawn Varacchi-Ives c/o Angelica Todd 1 River Road, Building 33-2 Schenectady, NY 12345 781-710-4608		
Any other IDEM programs and program number	N/A		
Consultant or Representation for the Applicant(s)	Ramboll - Chase Forman (Project Manager)		
Project Background			
Current site use (Brief)	The site is currently vacant and unused and formerly housed the Indianapolis Consumer Electronics (CE) plant (also known as Thomson/RCA). The buildings on the plant property, which spans both sides of a CSX railroad, were demolished in the early 2010s. The city then acquired the property in 2017 with an intended goal of redevelopment.		
Any significant change in surrounding site use	None in the past year.		

Current project stage ( <i>site characterization, active remediation, post-remedial monitoring, plume stability monitoring, etc.</i> )	Active remediation and Post-remedial monitoring  Amendments generally consisting of a carbon substrate have been injected into onsite injection wells on four separate occasions between 2011 and 2017. Following IDEM approval of a Supplemental Amendment Injection Work Plan in 2022, additional injection wells were installed with an additional round of injections conducted at the property between October 2022 and April 2023.
Release-related chemical(s)	Chlorinated volatile organic compounds (CVOCs); primarily trichloroethene (TCE) and its associated breakdown daughter products and 1,1,1-trichloroethane (TCA) and its associated breakdown daughter products.
Off-site contamination ( <i>yes or no</i> )	Yes
Potentially completed pathways	None; both the groundwater and soil vapor pathways appear to be incomplete based on recent sampling efforts undertaken by Ramboll (in 2022 and 2023) and others (in prior years)

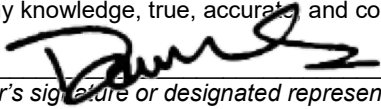
<b>Delineation Status</b>		
<i>Identify the status of contaminant delineation in each medium as "On-going" or "Completed." If on-going, specify data gaps and a projected completion date. If marked completed on this form, include VFC # of document demonstrating evidence of completed delineation.</i>		
Soil/Sediment	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	Onsite, impacted soils within the unsaturated shallow zones have been delineated. This is consistent with information provided within the May 2010 Remediation Work Plan (RWP). This RWP is VFC #55736583.
Groundwater	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	Groundwater delineation is complete per the RWP (VFC #55736583). Groundwater monitoring is conducted at varying frequencies (quarterly, semi-annually and annually) per the RWP.
Vapor	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	When buildings were historically onsite and occupied, an sub-slab depressurization system operated from 2008 through approximately 2012-2013 in the western portion of the main building. Once the buildings were demolished and the property deemed vacant, the pathway was incomplete. Additionally, soil gas monitoring efforts began along the southern property boundary in a down-gradient direction from the injection area in November 2017. This was in response to elevated detections of methane in soil gas. Work was performed in accordance with a August 2017 work plan (VFC #80499369) and continues on a quarterly basis.
Preferential pathways	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	The groundwater and soil gas monitoring performed on a regular basis aids in continually monitoring the preferential pathways. Results of these efforts are documented in annual progress reports submitted to IDEM, the most recent of which was submitted February 28, 2023 (VFC #83441371)

Ecological assessment	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	N/A; no ecological receptor populations onsite based on information provided in the RWP (VFC #55736583)
<b>Schedules</b>		
Schedule of all field work previous year	Groundwater monitoring efforts in accordance with the RWP for the site was completed on a quarterly basis in January/February (1Q), April (2Q), July/September (3Q) and October/December (4Q) 2023. The scope was modified slightly for the 1st, 2nd and 4th quarter events due to the recent injections (only wells outside of the injection zone were sampled as approved through VFC #83427456). During the July/September event (3Q), all wells (annual, semi-annual and quarterly) were sampled. Multiple mobilizations were required during several of the sampling events due to well tampering and vandalism.  Soil gas monitoring efforts were completed for the site quarterly in 2023.	
Proposed field schedule for coming year	Groundwater and soil gas monitoring will continue on a quarterly basis in January, April, July and October 2024.	
Proposed schedule for document submittals in coming year	This Annual Report form will be submitted to IDEM by January 31, 2025. The more detailed Annual Progress Report will be submitted by February 28, 2025.	
Items proposed but not completed in the past year	None.	
Schedule with next steps for the coming year ( <i>more investigation, develop RWP, suspend active remediation, etc.</i> )	Groundwater monitoring will continue on the quarterly schedule for the monitoring wells onsite, in accordance with the approved RWP. Updates to the existing Environmental Restrictive Covenants (ERCs) for the site may be considered in support of the city's redevelopment efforts.	
Expected timeline to closure	Groundwater monitoring is expected to continue for at least 5 years following the completion of the supplemental injections to assess the impact of those injections in groundwater.	
<b>Operating Systems</b>		
Description of any systems that operated during the year ( <i>Remediation or vapor mitigation</i> )	None.	
Down time	N/A	
Still operable or that could be operable	N/A	
Expected life	N/A	
<b>Institutional Control Development</b>		
Steps to develop onsite and off-site institutional controls ( <i>completed and planned</i> )	Several ERCs have previously been established (depending on the parcels) that detail soil management procedures for excavations, restrict the site from groundwater extraction, and restrict redevelopment uses to exclude residential land use, motels, hotels, hospitals, daycare facilities, playgrounds, schools, or other sensitive uses. It is GE's understanding that the City of Indianapolis has drafted versions of modified ERC's for the property that are being reviewed by Indiana Brownfields.	
<b>Administrative Record</b>		
List of the documents, including VFC numbers, documenting current status of site characterizations and/or remedial actions.	<ol style="list-style-type: none"> <li>1.) 2022 Annual Progress Report (dated February 28, 2023) - submitted to IDEM on 2/28/23 (VRP #83441371).</li> <li>2.) Supplemental Amendment Injection Work Plan (dated August 9, 2022) - submitted to IDEM on 8/9/22 (VRP #83357116).</li> <li>3.) Remediation Work Plan (dated May 17, 2010) - VFC #55736583.</li> <li>4.) Modifications to RWP Work Scope (dated January 31, 2023) - VFC #83427456.</li> </ol>	

5.) Methane Assessment Work Plan (dated August 2017) - VFC #80499369.  
6.) Preliminary Phase II Investigation, Bridges Townhomes (dated June 2023) - VFC #83525416. Note this is a report conducted on a property that was formerly considered part of the VRP property but was conducted by others and submitted to Indiana Brownfields.

I, Dawn Varacchi-Ives, certify that this document and all attachments were prepared  
(Print or Type Name of Submitter)

under my direction or supervision by qualified personnel. Based on my inquiry of the persons who gathered the information, it is, to the best of my knowledge, true, accurate and complete. I further certify that I am authorized to submit this information.



Submitter's signature or designated representative

1/30/2024

Date (month, day, year)