



**REMEDIAL SERVICES BRANCH
ANNUAL REPORT**

State Form 57108 (R / 12-21)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY
REMEDIAL 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	6960203		
Site name	Indiana Steel & Wire Plant North of Jackson Street		
Site address	2200 East Jackson Street, Muncie, Indiana		
Submitter's name	Tom A. Marzec		
Submitter's email address	TomM@st-ma.com		
Current site owner(s) name	Kitselman Pure Energy Park LLC (KPEP) Mark Peters GK Technologies, Inc. retains responsibility to complete work required to receive Certificate of Completion and Covenant Not to Sue from IDEM		
Current site owner(s) address	4620 W Bethel Avenue, Muncie IN 47304		
Current site owner(s) email	mpeters@brittpeters.com		
Current site owner(s) phone number	864-630-8505		
Responsible party/Applicant name, address, email and phone number (if different than current owner)			
Any other IDEM programs and program number	NA		
Consultant or Representation for the Applicant(s)	St. John - Mittelhauser & Associates, A Terracon Company		
Project Background			
Current site use (Brief)	Groundwater pump and treat system, KPEP redevelopment site		
Any significant change in surrounding site use	Ongoing constuction of KPEP/Dannar building		
Current project stage (site characterization, active remediation, post-remedial monitoring, plume stability monitoring, etc.)	Active groundwater remediation, post remedial monitoring of Electroform Landfill integrity		
Release-related chemical(s)	Zinc, ammonia, chloride, sulfate, cyanide, copper, lead		

Off-site contamination (yes or no)	Yes
Potentially completed pathways	Construction workers within excavations for soil direct contact, groundwater containment system preventing ecological exposure to White River

Delineation Status		
<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	Ammended RWP (#82659811 and 82658912)
Groundwater	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	Ammended RWP (#82659811 and 82658912)
Vapor	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	Ammended RWP (#82659811 and 82658912)
Preferential pathways	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	Ammended RWP (#82659811 and 82658912)
Ecological assessment	<input type="checkbox"/> On-going <input checked="" type="checkbox"/> Complete	Ammended RWP (#82659811 amd 82658912)
Schedules		
Schedule of all field work previous year	Daily pumping from recovery wells for plume containment, operation and maintenance of groundwater treatment plant and well network, semi-annual groundwater sampling in April and October. Electroform and Jackson Street Landfill and Mocks Pond inspections in June and December.	
Proposed field schedule for coming year	Daily pumping from recovery wells for plume containment, operation and maintenance of groundwater treatment plant and well network, semi-annual groundwater sampling in April and October. Electroform and Jackson Street Landfills and Mocks Pond inspection in June and December.	
Proposed schedule for document submittals in coming year	1) April 2022 GW Monitoring Report (submitted January 10, 2023) 2) October 2022 GW Monitoring Report 3) April 2023 GW Monitoring Report	
Items proposed but not completed in the past year	NA	
Schedule with next steps for the coming year (more investigation, develop RWP, suspend active remediation, etc.)	Ongoing groundwater remediation and monitoring, ongoing monitoring of Electroform and Jackson Street Landfills cap integrity and Mocks Pond inspection.	
Expected timeline to closure	To be determined	
Operating Systems		
Description of any systems that operated during the year (Remediation or vapor mitigation)	Active recovery well network and groundwater treatment system for containment and treatment of groundwater impacted with zinc, ammonia, chloride, and sulfate plume.	
Down time	System shut down for brief intervals to accomodate semi-annual groundwater sampling in April and October	
Still operable or that could be operable	NA	
Expected life	To be determined	
Institutional Control Development		
Steps to develop onsite and off-site institutional controls (completed and planned)	1) ERC for site recorded June 12, 2015 - restricts property to industrial/commercial, prohibits use of groundwater except for remedial purposes, requires maintenance of engineered barrier over Electroform Landfill and requires that stormwater be properly managed and controlled. 2) ERC for neighboring City of Muncie property (John Craddock Wetland Nature Preserve) recorded March 7, 2001 - prohibits groundwater consumption, installation of groundwater wells except for environmental	

investigation and remediation, and residential or agricultural use of the property

3) ERC for neighboring Norfolk Southern Railroad properties recorded November 20, 2002 - prohibits groundwater consumption, the installation of groundwater wells except for environmental investigation and remediation purposes, and residential or agricultural use of the property. Also limits subsurface activities.

Administrative Record

List of the documents, including VFC numbers, documenting current status of site characterizations and/or remedial actions.

- 1) VRP Remediation Work Plan (#30359832, 30367939, 30424286)
- 2) Ammended RWP (#82658911 and 82658912)
- 3) April 2022 Groundwater Monitoring Report (document ID not issued yet)

I, Tom A. Marzec, 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

1/10/23
Date (month, day, year)