

Camdenton Sites Status Table for CITCAT - January 2021

CERCLA Sites	Camdenton Sludge Disposal Area	Dawson Metal Products Camdenton Facility #2	City Lagoon #3	Mulberry Well*	Camdenton Treatment Plant Lagoon	RCRA Sites	221 Sunset Building Soil and Sub-slab Investigation	221 Sunset Residential Vapor Intrusion Evaluation
Current Status	Completed and Closed - No Further Action	The department completed review of a vapor mitigation system operation and maintenance (O&M) plan from Raytheon Technologies (formerly UTC). The department is providing comments to Raytheon on the plan. The department is reviewing a supplemental soil investigation report, submitted October 21, 2020.	The department completed review of the "Conceptual Site Model Verification, Feasibility Study Addendum Activities, Former City Lagoon #3 Site, dated Sept. 14, 2020." It is 1,407 PDF pages.	Ongoing - work and report discussion (monitoring well sampling and pump testing) under August 2019 plan approved by MoDNR.	Completed and Closed - No Further Action	Current Status	MoDNR has drafted comments on the corrective measures study (CMS) work plan (preliminary evaluation of potential corrective measure alternatives) and anticipate sending them to Modine by the end of January. Modine conducted indoor air sampling inside the 221 Sunset Drive building on Oct. 21, 2020. The purpose of the sampling was to determine the current conditions of the air inside the building. Indoor air sample results confirmed the presence of TCE inside the manufacturing building above EPAs health based screening levels for an industrial facility. Modine conducted a detailed evaluation of the building's heating, ventilation, and air conditioning (HVAC) system and building survey in late December 2020. Modine installed 6 air purifying units in the office area of the building to address indoor air vapors inside the building.	Quarterly residential vapor intrusion sampling completed. Residences exited the sampling program when four consecutive sampling events were below action levels. The last residence completed the quarterly sampling program in October 2019.
Next Steps		The department will complete review and provide comments on or approve the supplemental soil investigation report. Raytheon will implement the O&M plan once approved. Results of the soil investigation report will determine whether further action is needed.	The department submitted comments on Nov. 18, 2020 on the data/report submitted on 9/14/2020 by Golder. A technical meeting to discuss the comments with Golder has been scheduled for Jan. 26, 2021 to discuss these comments and next steps in order to complete a supplemental remedial investigation/feasibility study.	*See City Lagoon		Next Steps	MoDNR will address MoDNR's comments on the work plan and submit a revised work plan. Modine will prepare and submit the corrective measure study report (detailed evaluation of corrective measure alternatives) by April 2021. Modine and MoDNR will meet to discuss the findings of the HVAC evaluation and determine next steps to address indoor air inside the building. The next annual soil vapor and sewer gas sampling event will take place in February 2021 to coincide with the annual residential inspections.	Ongoing annual inspections at four residences with mitigation system and/or repairs. Last annual inspection completed February 2020; next annual inspections proposed for February 2021.

Original Information

CERCLA Process	Camdenton Sludge Disposal Area	Dawson Metal Products Camdenton Facility #2	City Lagoon #3	Mulberry Well*	Camdenton Treatment Plant Lagoon	RCRA Process	221 Sunset Building Soil and Sub-slab Investigation	221 Sunset Residential Vapor Intrusion Evaluation
Pre-Remedial								
Pre-CERCLA Screening	Not Applicable	Completed Sept 2017 - Further Investigation Recommended	Not Applicable		Completed August 2018 - Further Investigation Recommended	RCRA Facility Assessment Phase/Initial Site Assessment	Initiated 1992	Initiated 2016
Preliminary Assessment/Site Inspection Report	Completed 1999 - No Further Action Recommended	Abbreviated Preliminary Assessment Report completed Sept 2017 - Further Investigation Recommended. Site Inspection Report completed March 2019 - Removal Action and Further Investigation Recommended	Preliminary Assessment/Site Inspection Report completed March 1999 - Removal Action and Further Investigation Recommended		Abbreviated Preliminary Assessment Report completed Aug 2018 - Further Investigation Recommended. Site Inspection Report completed July 2019 - No Further Action Recommended	Site Characterization	Completed 1993	Residential Indoor Air Sampling Conducted 2016-2019
Interim Measures or Removal Action, if needed.	None needed	Ongoing - Subslab depressurization system operation (installed June 2018)	(See Mulberry Well)	Ongoing - Pumping and treatment as an interim measure for hydraulic containment under permit MO 00124389.				
Further characterization	Site Reassessment completed March 2019 - No Further Action Recommended	Supplemental Soil Investigation sampling was completed on June 4, 2020.	See Vapor Intrusion Investigation below.		None needed	Further Characterization	Indoor Air and Sub-slab soil gas sampling 2015	Ongoing annual repair and mitigation system inspections at two residences
Remedial Investigation/Feasibility Study						RCRA Facility Investigation Phase		
						Site Characterization Activities	Conducted 2015-2018	
CERCLA Process								
Remedial Investigation Report			Original Remedial Investigation completed 2003. Supplemental Remedial Investigation plan approved August 2019			RCRA Facility Investigation Report	Revised report submitted June 2020.	
Feasibility Study			Original Feasibility Study completed 2004			Corrective Measures Study (Remedial Alternatives Evaluation Phase)	CMS Work Plan received on 28, 2020	October
Proposed Plan						Statement of Basis (Proposed Remedy)		
Public Comment Period						Public Comment Period		
Plan posted to public						Plan posted to public		
Comments review by MoDNR						Comments review by MDNR		
Response Summary of Comments						Response Summary of Comments		
Record of Decision (ROD)						Final Remedy Decision		
Remedial Action (RA)						Corrective Measures Implementation		
Installation of remedial measures implementation report						Installation of final remedy Implementation Report		
Reopening/Confirmation, If Needed						Reopening / Confirmation, if needed		
Investigation Report			Vapor Intrusion Investigation completed 2019			Investigation Report		
Interim Measures, if needed			Approved and on webpage			Report		
			None needed			Interim Measures, if needed		

* The Mulberry Well is not a site but an impacted municipal well from the City Lagoon #3 and 221 Sunset Drive sites. As an interim remedy the well continues to be pumped to provide hydraulic control of contamination.

Data obtained from the current Supplemental RI/FS will be used to determine what rate the well will need to be pumped to remain protective of human health.

** For more information, please go to the Missouri Department of Natural Resources' Camdenton TCE webpage: <https://dnr.mo.gov/env/hwp/camdentontce.html> or the Camdenton TCE site timeline of events: <https://dnr.mo.gov/env/hwp/docs/timeline.pdf>.