

Class I and II Well Inspection Form US Environmental Protection Agency – Region 4 Underground Injection Control Program 61 Forsyth Street SW, MC 9T25, Atlanta, Georgia, 30303 Phone: (404)562-9424					Inspection ID	EPA Well ID#: K Y S 0 7 7 0 0 0 1									
						Year-Month-Day: 2 0 2 4 - 1 0 - 2 3									
						EPA Permit # (or RA): K Y I 1 0 6 1									
						Page 1 Of 2									
Inspector(s): Carol Chen (lead), Lonnie Dorn					Start Time: 2:38 pm										
										End Time: 3:15 pm					
Facility Contact Information	Facility Name: Sterling Materials														
	Street Address: 100 Sierra Drive														
	City: Verona County: Gallatin State: KY Zip: 41092														
	Nature of Business: limestone mining operations														
	Facility Owner/Operator: Sterling Ventures, LLC Phone: 859-567-7300														
	Email: gkuhnhein@yahoo.com														
	Facility Contact (if different): Garth Kuhnhein Phone: 859-653-2556														
	O/O Mailing Address: 376 South Broadway														
	City: Lexington County: State: KY Zip: 40508														
Well Data from File	Well Name & #: INJECTION WELL #UIC-1														
	Well Type (see table): Class I (Nonhazardous industrial) State Permit:														
	Latitude (°N): 38.830003 Longitude (°W): -84.759794 Elevation (ft):														
	Injection Method (check applicable): ☒ Casing Injector; ☐ Tubing & Packer; ☐ Cemented Injection Tubing														
	☐ Other:														
	roof of mine														
Field Measurements and Observations	Total Depth (ft): 484 Inner Casing Size (in): 10 Tubing Size (in): 8 Packer Depth (ft): no packer														
	Inj. Zone: ☐ Open Hole; ☐ Perforated; Top(ft) Bottom(ft): 509to mine floor Max. Injection Pressure (psig): 400														
	Latitude (°N): 000 Longitude (°W): 000 Elevation (ft):														
	EPA GPS ID: SC8284 Well Status (see table): AC If not Active, Reported Date Last Active:														
	Nature of Injected Fluid(s) if any: Lime Stabilized Pickling Liquor Sludge (LSWPLS)														
	final waste product from pickling/cleaning steel during steel manufacturing process.														
	Notes & Comments (include discrepancies from database values): Authorization to inject was dated, January 20, 2022.														
	The last mechanical integrity test was demonstrated on January 5, 2021.														
	No well remediations nor well workovers have been conducted for the injection well.														
	We're told Injection pressures typically show (20 or so) psig changes, which they can see on the monitor screens. The monitors are located in a hut at the injection well. Materials from the steel company are hauled by trucks, with air tags to track it, placed into black dumpsters. Sludges need to be weathered first, before injection begins.														
See reverse for additional observations, comments and photo log															
UIC Inspector					UIC Inspector										
Name: Carol Chen					Name:										
Signature: CAROL CHEN					Signature:										
Digitally signed by CAROL CHEN Date: 2024.12.10 15:14:42 -05'00'															
Version 2018-04-18															

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Field Measurements and Observations (Cont.)	(Cont) INJECTION WELL #UIC-1 Class I (Nonhazardous industrial)																																
	Today, operator emailed Year 2023 Quarterly Monitoring Reports to Carol Chen. These reports showed injection activities throughout the year.																																
	Photo ID: DSCN1462 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: building with steps to the injection well and sump pit																																
	Photo ID: DSCN1463 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: building with steps to the injection well and sump pit																																
	Photo ID: DSCN1464 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: view of the injection well																																
	Photo ID: DSCN1465 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: closer to the injection well																																
Photo Log	Photo ID: DSCN1466 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: drain pipe to sump pit																																
	Photo ID: DSCN1467 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: inside control room, visible screens and videos, for monitoring																																
	Photographer: Carol Chen EPA Camera ID: SC8284																																
	Photo ID: DSCN1468 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: left side of the control room																																
	Photo ID: DSCN1469 Time: none Lat (°N): 000 Long (°W) 000																																
	Description: right side of the control room																																
	Photo ID: DSCN1470 Time: none Lat (°N): 000 Long (°W) 000																																
Description: mine video and location map																																	
Photo ID: DSCN1471 Time: none Lat (°N): 000 Long (°W) 000																																	
Description: monitoring screen: measurements/percentages																																	
Photo ID: DSCN1472 Time: none Lat (°N): 000 Long (°W) 000																																	
Description: monitoring screen: measurements/and percentages																																	
Photo ID: DSCN1473 Time: none Lat (°N): 000 Long (°W) 000																																	
Description: drain																																	
UIC Inspector Name: Carol Chen Signature: CAROL CHEN Digitally signed by CAROL CHEN Date: 2024.12.10 15:15:07 -05'00'																	UIC Inspector Name: Signature:																
Version 2018-04-18																																	