



## Materials Inspection Record

1. Licensee Name: Sonic Surveys Ltd.		2. Docket Number(s): 150-00042		3. License Number(s) GL per 150.20 / TX-L02622	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: May 13, 2022; exit May 23, 2022		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03110		8. Priority: 3	9. Inspection Guidance Used: IP 87126
10. Licensee Contact Name(s): Gary Cummings VP Operations		11. Licensee E-mail Address: gary@sonic-surveys.com		12. Licensee Telephone Number(s): 713-252-2575	
13. Inspection Type: <input type="checkbox"/> Initial <input type="checkbox"/> Routine <input type="checkbox"/> Announced <input checked="" type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): TBD <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	

## 16. Scope and Observations:

Sonic Surveys is a wireline services company specializing in underground storage cavern logging and analysis. The company was authorized by a State of Texas license to store sealed sources and neutron generators at its facility in Mont Belvieu, and to use them at temporary job sites in State jurisdiction. The company performed work at temporary job sites in NRC jurisdiction under the terms of a reciprocity request filed in May 2022 for the remainder of the calendar year. The scope of this inspection was limited to an evaluation of licensed activities (logging a 150,000 barrel liquefied petroleum gas (LPG) underground storage cavern using a 150-mCi sealed source of Co-60) at a Marathon Petroleum storage terminal in Woodhaven, Michigan.

The inspector accompanied the licensee's field personnel to the job site in Woodhaven to observe all phases of logging on Woodhaven LPG #1. The inspector observed the handling and use of the source, logging activities, and area surveys and source transport preparations upon conclusion of the work. The crew (consisting of a logging supervisor and his assistant) were knowledgeable of radiation protection procedures and licensee procedures, used a calibrated and operable survey instrument as required, wore appropriate dosimetry, and used adequate handling tools and other ALARA practices. The source transport container was adequately secured and labeled. Independent surveys in the vicinity of this container with the source present were well within DOT limits and NRC limits to members of the public. Independent surveys in the vicinity of the wellhead following conclusion of the work found no evidence of residual contamination or elevated exposure levels.

The inspector reviewed a selection of records available at the job site including shipping papers, vehicle survey records, operating and emergency procedures, and a copy of the State of Texas license.

No violations of NRC requirements were identified as a result of this inspection. The inspector held an exit meeting with the licensee by telephone on May 23, 2022.