



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

August 5, 2024

Via Electronic Mail

Mr. Eric Lewis
Specialty Earth Sciences, LLC
1050 Summit Drive
Carmel, Indiana 46032
elewis@sesciences.com

Re: Sunshine Cleaners
“Contained-in” Determination for Contaminated Soil
SCU Site # 0001147
US EPA ID # INR000005637
Fort Wayne, Allen County

Dear Mr. Lewis:

This letter is an amended approval for a July 24, 2023, request for a “contained-in” determination for 1 55-gallon container of investigation derived waste (IDW) contaminated soil that was generated at the Sunshine Cleaners site (VFC File #83511246).

The Sunshine Cleaners site is located at 2439 West Jefferson Boulevard, Fort Wayne, Allen County, Indiana.

Your request is for management options to be available based on contaminant concentrations in the IDW contaminated soil meeting applicable industrial exit levels.

For purposes of this determination, the RCRA “Contained-in” policy is applicable only to the IDW contaminated soil generated at the Sunshine Cleaners site.

In the ‘contained-in’ request, it has been described that the basis for managing the IDW contaminated soil as listed hazardous waste would be historic releases of F002 solvents from dry cleaning operations.

The constituents of concern for the F-listed hazardous waste code specified above as described in 40 CFR 261.31 and/or 40 CFR 261 Appendix VII are as follows:

F002: The following spent halogenated solvents: tetrachloroethylene (PCE), methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in

F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

Additionally, the following are breakdown products of F002 constituents and/or additional contaminants that were detected in the soil samples: cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride (VC).

Based on the information provided by the requestor, compared with the established policy criteria, the following determination applies:

Current IDW Soil

There is currently 1 55-gallon container of F002 contaminated soil. The container was identified as Drum #2. The soil is IDW contaminated soil generated from the installation of four (4) soil borings.

Soil samples were collected and analyzed to characterize the soils as generated.

The IDW contaminant concentrations detected in the soil samples appear to meet (not exceed) the 2022 Federal Industrial/Commercial Soil Direct Contact Soil Exposure Screening Levels and do not appear to exhibit a hazardous waste characteristic.

IDW contaminated soils in container Drum #2, meeting the aforementioned screening levels and not exhibiting a hazardous waste characteristic, **may** be disposed in a permitted municipal solid waste landfill.

Constituent	2022 Federal Industrial/Commercial Soil Direct Contact Soil Exposure Screening Levels (mg/kg)	TCLP Maximum Concentration of Contaminants for the Toxicity Characteristic
cis-1,2-DCE	2300	N/A
trans-1,2-DCE	300	N/A
PCE	170	0.7 ppm
TCE	19	0.5 ppm
Vinyl Chloride	17	0.2 ppm

Future IDW Soil

Future IDW contaminated soil, meeting the 2022 Federal Industrial/Commercial Soil Direct Contact Soil Exposure Screening Levels (see partial list above) and which is not characteristic hazardous waste, **may** be disposed in a permitted municipal solid waste landfill.

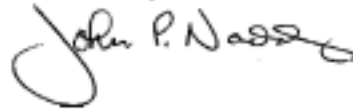
Representative sampling and analysis must be conducted on all IDW contaminated soil generated at this site to confirm applicable default levels are met.

Media which does not meet applicable default levels or exhibits any characteristic of a hazardous waste must be managed as a hazardous waste under 329 IAC 3.1, as applicable.

This on-going site-specific approval expires two (2) years from the date of the original approval letter (07/28/2023). Failure to follow the conditions specified in this letter may result in the approval being revoked.

If you have any questions, please call me at 317-233-0404 or at jnaddy@idem.in.gov.

Sincerely,



John Naddy
Compliance and Response Branch
Office of Land Quality

Enclosures

cc: Mr. Nicholas Monroe, IDEM, OLQ, State Cleanup Section

From: [Eric Lewis](#)
To: [Martin, Bradley A](#)
Cc: [Cory Smith](#)
Subject: FW: Sunshine Cleaners - Amended Contained-In Determination Letter
Date: Monday, August 5, 2024 8:11:20 AM
Attachments: [image001.png](#)
[image002.png](#)
[image004.png](#)
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[image007.png](#)
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Received.

Thanks Brad.

Eric Lewis, LPG, RPG, PG
Senior Geologist



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From: Martin, Bradley A <BAMartin@idem.IN.gov>
Sent: Monday, August 5, 2024 8:00 AM
To: Eric Lewis <elewis@sesciences.com>
Cc: Monroe, Nicholas <NMonroe@idem.IN.gov>; NADDY, JOHN <JNADDY@idem.IN.gov>
Subject: Sunshine Cleaners - Amended Contained-In Determination Letter

Attached is the Amended Contained-In Determination Letter for Sunshine Cleaners. Please respond to this email to confirm your receipt of this document.



Brad Martin
Administrative Assistant | Compliance Branch
Office of Land Quality
Indiana Department of Environmental Management

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