



Department of Energy
Washington, DC 20585

October 6, 2021

Mr. Ryan Murdock
Technical Services Project Manager
Waste Control Specialists LLC
9998 West State Hwy 176
Andrews, Texas 79714

Dear Mr. Murdock:

In response to your email dated September 21, 2021 to Dr. James Shuler of my staff, enclosed is Department of Energy (DOE) Quality Assurance Program Approval (QAPA) Approval Number 0037, Revision 0, for Waste Control Specialists LLC (WCS). This approval of QAPA 0037 is based on DOE Packaging Certification Program (PCP) endorsement of the Texas Commission of Environmental Quality's (TCEQ) December 6, 2018 approval of the WCS *Quality Assurance Plan*, QAP-100, Revision 5, effective date 1/23/2019, in the WCS Radioactive Material License R04100 Amendment 35, Condition 100, expiration date September 10, 2024.

This DOE QAPA satisfies DOE Order 460.1D, Hazardous Materials Packaging and Transportation Safety, and therefore complies with the provisions in 49 CFR 173.7(d) for the DOE to maintain packaging standards equivalent to those specified in 10 CFR Part 71.

The expiration date of DOE QAPA 0037, Revision 0, is September 10, 2024, to coincide with the expiration date of R04100 Amendment 35. If you wish to renew, revise, or terminate QAPA 0037, please request this action in writing. Any revisions to WCS QAP-100 requiring an amendment to R04100, should be submitted to DOE PCP prior to implementation of the proposed changes.

Since WCS is an agreement state licensee (TX), WCS must not consign a DOE certified package for shipment. Only Departmental elements or persons working under contract to Departmental elements may consign a DOE certified package for shipment. However, WCS can transfer the material on-site to DOE elements or persons working under contract to DOE elements for consignment of a DOE certified package.

If you have any questions, please contact me or Dr. Shuler at (301) 903-5513.

Sincerely,

Julia C.

Julia C. Shenk **Shenk**
Headquarters Certifying Official

Director

Office of Packaging and Transportation

Digitally signed by
Julia C. Shenk
Date: 2021.10.06
09:33:35 -04'00'

Enclosure

cc: James Shuler, EM-4.24
QA Docket 2021-004



U.S. Department of Energy
QUALITY ASSURANCE PROGRAM APPROVAL
 For Type B and Fissile Radioactive Material Packages

1. APPROVAL NUMBER
0037

REVISION
 0

Pursuant to DOE Order 460.1D, *Hazardous Materials Packaging and Transportation Safety*, subparagraph 4.a.(3), *Quality Assurance (QA)* directs that each Departmental element that participates in the use, design, purchase, fabrication, handling, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, and modification of Type B or fissile materials packaging must have and maintain a quality assurance (QA) program in accordance with 10 CFR Part 71, Subpart H that is approved by the NRC or the DOE Certifying Official, prior to the performance of those operations. The Contractors Requirements Document in Attachment 1 of Paragraph 5.a. of the Order imposes the same requirement on DOE contractors. Based on the reliance on statements and representations heretofore made in Block 5 by the organization named in Block 2, the Quality Assurance Program Description identified in Block 5 is hereby approved. This approval is issued to satisfy the requirements of the Order, 49 CFR 173.7.(d), and 10 CFR 71.101. This approval is subject to all applicable rules, regulations, and orders of the U.S. Department of Energy now or hereafter in effect and to any conditions specified below.

2. ORGANIZATION NAME
 Waste Control Specialists LLC (WCS)

3. EXPIRATION DATE
 September 10, 2024

STREET ADDRESS
 9998 West State Hwy 176

4. DOCKET NUMBER
 2021-004

CITY
 Andrews

STATE
 TX

ZIP CODE
 79714

5. QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION, and DATE
Quality Assurance Plan, QAP-100, Revision 5, effective date 1/23/2019 (approved by Texas Commission of Environmental Quality 12/6/2018 and Radioactive Material License R04100 Amendment 35, expiration date September 10, 2024).

6. CONDITIONS

1. Activities conducted regarding Type B and fissile material transportation packagings are to be executed under applicable criteria of 10 CFR Part 71 Subpart H. Authorized activities include: design, procurement, fabrication, assembly, testing, modification, maintenance, repair and use of transportation packagings.
2. Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
 - a. Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
 - b. Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(d)].
 - c. Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
3. Planned and periodic audits of all aspects of the Quality Assurance Program shall be conducted in accordance with written procedures or checklists, by appropriately trained personnel not having direct responsibility in the areas being audited, in accordance with 10 CFR 71.137.
4. In addition to the requirements of Subparts G and H of 10 CFR 71, and except as specified in Section 5(d), "Conditions," of applicable Certificates of Compliance, each package must be designed, fabricated, acceptance tested, operated, and maintained in accordance with applicable Safety Analysis Report for Packaging requirements; specifically, Chapter 7, "Operating Procedures," Chapter 8, "Acceptance Tests and Maintenance Program," and Chapter 9, "Quality Assurance."

FOR THE U.S. DEPARTMENT OF ENERGY

SIGNATURE

DATE OF ISSUANCE

Julia C. Shenk

Digitally signed by Julia C. Shenk
 Date: 2021.10.06 09:36:34 -04'00'

October 6, 2021

Julia C. Shenk
 DOE Headquarters Certifying Official
 Director, Office of Packaging and Transportation