

## ATTACHMENT 4 REQUIRED HAZARDOUS WASTE CHARACTERIZATION INFORMATION

INFORMATION <sup>1</sup>	REGULATORY BASIS <sup>2</sup>	PERMIT CONDITION
Waste name (textual descriptor, optional)		WAP Section 6.3.1.1
Unique waste identifier (generally a number, optional)		WAP Section 6.3
Waste generation location (e.g., building and room number, optional)		WAP Section 6.3.1.1
Name(s) of individuals that are responsible for performing waste characterization (optional)		WAP Section 6.3.1
Date of, and basis for, most recent waste characterization (e.g., RCRA air emission status, annual review, waste undergoes a significant change, or off-site facility information indicates waste is different)	40 CFR §§ 264.13(a)(3)(i), 264.13(b)(4), 268.7(b)	PCs II.D.1, II.D.2, II.D.4, II.D.5, II.D.6, II.D.7, II.D.8, and II.D.9; WAP Sections 6.3, 6.3.1.1, 6.3.1.4, and 6.4.2
Waste source (identify all that apply): <ul style="list-style-type: none"> <li>• Propulsion Tests</li> <li>• Laboratories</li> <li>• Engineering</li> <li>• Environmental</li> <li>• Unused chemical</li> <li>• Spent or partially spent chemical</li> <li>• Remediation waste</li> <li>• Waste treatment residual</li> <li>• Aggregated/composited waste (list all applicable waste identifiers)</li> <li>• Formerly characteristic hazardous waste having undergone treatment to remove the characteristic</li> <li>• Other (specify)</li> </ul>	40 CFR §§ 264.13(a)(1), 268.7(b)	WAP Sections 6.1.2, 6.2.2.2, 6.2.2.8, 6.2.3.2; WAP Tables 6.2 and 6.3; WAP Figure 6.3
Detailed waste generation process description	40 CFR § 264.13(a)(1)	WAP Sections 6.3 and 6.3.1.1
Method of characterization: <ul style="list-style-type: none"> <li>• Sampling and analysis (detailed requirements in WAP)</li> <li>• Identification of acceptable knowledge (AK) (Listing of AK)</li> </ul>	40 CFR §§ 264.13(a)(2), 268.7(a)(1)	PCs II.D.2, II.D.2.a, and II.D.2.b; WAP Sections 6.3, 6.2.2.8, and 6.3; WAP Tables 6.2 and 6.3

INFORMATION <sup>1</sup>	REGULATORY BASIS <sup>2</sup>	PERMIT CONDITION
documentation types at Permit Conditions 3.3.3.4 and 3.3.3.6)		
All EPA Hazardous Waste Numbers (i.e., hazardous waste codes)	40 CFR §§ 264.13(a)(1), 268.7(a)(2), 268.9(a)	PCs II.D.1, II.D.8.a, and II.D.9.a; WAP Figure 6.1
<b>RCRA Air Emission Information</b>		
Documentation of the exemption, if any, of RCRA air emission requirements (e.g., average volatile organic (VO) concentration less than 500 ppmw, organic concentration less than 10% by weight)	40 CFR §§ 264.13(a)(1), 264.13(b)(6), 264.1030(b), 264.1050(b), 264.1080(b), 264.1082(c), 264.1082(c)(1), 264.1086	PCs II.D.5, II.D.8.c, and II.D.9.b; WAP Sections 6.2.2.3, 6.2.2.8, and 6.2.3.2
<b>Land Disposal Restriction Status Information <sup>3</sup></b>		
Documentation supporting one of the following LDR statuses; <ul style="list-style-type: none"> <li>• Waste is prohibited from land disposal</li> <li>• Waste meets LDR treatment standards</li> <li>• Waste is exempted from LDRs</li> </ul>	40 CFR §§ 264.13(b)(6), 268.1(c), 268.3, 268.7(a)(1), 268.50	PCs II.D.4, II.D.6, and II.D.8.a; WAP Sections 6.0, 6.2.2.2, 6.2.2.6, and 6.2.2.8
Waste characterization information to support LDR status determination includes the following; <ul style="list-style-type: none"> <li>• All underlying hazardous constituents in characteristic hazardous waste including their range of concentrations</li> <li>• All constituents of concern in F001-F005 and F039 hazardous wastes including their range of concentrations</li> <li>• Wastewater / non-wastewater classification</li> <li>• Total suspended solids (TSS) concentration by weight</li> <li>• Total organic carbon (TOC) concentration by weight</li> <li>• Identification of any special treatment regulatory subcategory</li> <li>• High total organic carbon (TOC) waste (i.e., greater than or equal to 10%)</li> </ul>	40 CFR §§ 268.2 (i), 268.7(a)(2), 268.9(a), 268.40(a)	WAP Sections 6.2.2.7 and 6.6.2; WAP Tables 6.2 and 6.3

All information queries are required, at a minimum, to comply with 40 CFR 264.13(a)(1) and Permit Condition II.D.1.

Applicable New Mexico Annotated Code (NMAC) is not referenced for brevity.

LDR information queries must be established prior to placement of waste at a permitted waste management unit in accordance with Permit Condition II.C.6, unless the waste is generated at one of these units.

Table is referenced at Permit Condition II.C.3.a.

Information is required unless identified as “optional”.

All information queries are required, at a minimum, to comply with 40 CFR 264.13(a)(1) and Permit Condition II.D.1.

Applicable New Mexico Annotated Code (NMAC) is not referenced for brevity.

LDR information queries must be established prior to placement of waste at a permitted waste management unit in accordance with Permit Condition II.D.6, unless the waste is generated at one of these units.