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subject: Probabilities of Waste Stream Intersections in the CRA-2026 PA Calculations

This memorandum documents the probabilities used to sample individual CH-TRU and RH-TRU waste streams during drilling intrusion events in the CRA-2026 performance assessment (PA) calculations. These probabilities are applied within the stochastic algorithm used to generate random futures, in which an intrusion into an excavated, waste-filled area first results in selection of the waste handling category, Contact-Handled (CH) or Remote-Handled (RH), followed by sampling of the specific waste stream(s) encountered. Once the waste stream type is determined, waste stream selection is based on intersection probabilities derived from the relative volume fractions of that waste type within the repository inventory.

For CRA-2026, two PA calculations are performed using distinct waste inventories. The CRA-2026 Interim State (IS) calculation uses the inventory documented by Van Soest (2025a), while the CRA-2026 Final State (FS) calculation uses the inventory documented by Van Soest (2025b). For the CRA-2026 IS calculation, Kim and Kicker (2025), Table 8.1, reports waste stream volumes as percentages of the total repository waste inventory but does not provide probabilities conditioned on waste handling category. Accordingly, this memorandum provides waste stream volume fractions separately for CH-TRU and RH-TRU waste for each applicable inventory. These volume fractions are used as sampling probabilities for waste stream intersections following determination of waste handling category.

The waste stream volume fractions are provided collectively in Table 1 through 4 for each waste type and inventory.

Table 1. CRA-2026 IS CH-TRU Waste Stream by Volume Fractions

Waste Stream ID	Volume (m^3)	Volume Fraction (%)	Cumulative %
SR-CH-PP	2.55E+04	16.32%	16.32%
LA-MHD01.001	9.75E+03	6.24%	22.55%
WP-BN510	9.63E+03	6.16%	28.72%
RL200-02	8.48E+03	5.43%	34.14%
RLPFP-01	6.16E+03	3.94%	38.08%
LA-MHD01-Pits	5.46E+03	3.49%	41.58%
WP-ID-SDA-SLUDGE	5.20E+03	3.33%	44.90%
WP-RF029.01	4.31E+03	2.76%	47.66%
WP-LA-MHD01.001	3.65E+03	2.34%	50.00%
WP-BNINW216	3.50E+03	2.24%	52.24%
WP-BN510.1	3.42E+03	2.19%	54.42%
IN-BN510.4	2.38E+03	1.52%	55.95%
WP-ID-RF-S3114	2.28E+03	1.46%	57.41%
IN-BN650	2.20E+03	1.41%	58.81%
WP-IN-BN-ID-SDA-SLUDGE	1.72E+03	1.10%	59.91%

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WP-SR-W027-221H-HET	1.70E+03	1.09%	61.00%
WP-RLMPDT.001	1.66E+03	1.06%	62.06%
WP-SR-W027-FB-PRE86-C	1.61E+03	1.03%	63.09%
LA-CIN04.001	1.49E+03	0.95%	64.05%
IN-BN600	1.48E+03	0.95%	65.00%
WP-RF002.01	1.43E+03	0.91%	65.91%
WP-SR-W027-HBL-BOX	1.35E+03	0.86%	66.77%
WP-BN510.4	1.31E+03	0.84%	67.61%
SR-KAC-PuOx-2	1.31E+03	0.84%	68.45%
WP-ID-RF-S5300-A	1.30E+03	0.83%	69.28%
WP-INW216.001	1.25E+03	0.80%	70.08%
LA-MHD03.001	1.24E+03	0.79%	70.88%
WP-SR-W027-221F-HETA	1.16E+03	0.74%	71.62%
RL325-01	1.13E+03	0.72%	72.34%
WP-INW218.001	1.12E+03	0.72%	73.06%
WP-ID-SRP-S3000	1.10E+03	0.70%	73.76%
RL200-01	1.02E+03	0.65%	74.41%
IN-ID-SDA-Sludge	9.94E+02	0.64%	75.05%
WP-RF001.01	9.52E+02	0.61%	75.66%
WP-SR-W026-772F-HET	8.94E+02	0.57%	76.23%
WP-BN836	8.63E+02	0.55%	76.78%
WP-SR-W026-221F-HET	8.42E+02	0.54%	77.32%
WP-LA-MIN03-NC.001	7.93E+02	0.51%	77.83%
WP-LA-MHD03.001	7.88E+02	0.50%	78.33%
OR-REDC-CH-HET	7.83E+02	0.50%	78.83%
WP-ID-SDA-SOIL	7.82E+02	0.50%	79.33%
WP-LA-CIN01.001	7.09E+02	0.45%	79.79%
WP-SR-W027-773A-HET	6.53E+02	0.42%	80.21%
SR-KAC-PuOx	6.46E+02	0.41%	80.62%
LA-TA-21-07	6.36E+02	0.41%	81.03%
WP-OR-REDC-CH-HET	6.13E+02	0.39%	81.42%
LL-M001	6.12E+02	0.39%	81.81%
WP-LA-MHD04.001	6.11E+02	0.39%	82.20%
WP-RF010.01	5.63E+02	0.36%	82.56%
RL231Z-01	5.54E+02	0.35%	82.92%
WP-BN835	5.29E+02	0.34%	83.25%
WP-ID-SDA-DEBRIS	5.28E+02	0.34%	83.59%
WP-SR-MD-PAD1	5.10E+02	0.33%	83.92%
RLHAN-01	5.07E+02	0.32%	84.24%
RLPURX-01	4.88E+02	0.31%	84.56%
WP-RF129.01	4.63E+02	0.30%	84.85%
WP-SR-W027-235F-HET	4.59E+02	0.29%	85.15%
WP-RLMPFPDD	4.51E+02	0.29%	85.43%
WP-RF129.05	4.46E+02	0.29%	85.72%
WP-SR-W027-221H-HEPA	4.19E+02	0.27%	85.99%
WP-SR-W026-221F-HEPA	4.10E+02	0.26%	86.25%

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IN-BNSRPS3.3A	4.01E+02	0.26%	86.51%
WP-ID-RF-S5100-A	3.87E+02	0.25%	86.75%
WP-RLNPDT.002	3.84E+02	0.25%	87.00%
LA-CIN01.001	3.60E+02	0.23%	87.23%
LA-TA-21-12	3.46E+02	0.22%	87.45%
RL308-01	3.44E+02	0.22%	87.67%
IN-ID-SDA-Debris	3.37E+02	0.22%	87.89%
WP-RF118.01	3.37E+02	0.22%	88.10%
WP-OR-NFS-CH-SOIL	3.34E+02	0.21%	88.32%
LA-TA-21-06	3.29E+02	0.21%	88.53%
IN-BNSRPS3.1A	3.26E+02	0.21%	88.74%
WP-RF009.01	3.20E+02	0.20%	88.94%
IN-ID-SDA-Soil	3.12E+02	0.20%	89.14%
WP-INW211.001	3.04E+02	0.19%	89.33%
WP-NTS54332R0	2.96E+02	0.19%	89.52%
IN-BN538	2.88E+02	0.18%	89.71%
WP-BNINW218	2.82E+02	0.18%	89.89%
WP-RF004.01	2.78E+02	0.18%	90.07%
WP-SR-SWMF-HET-A	2.74E+02	0.18%	90.24%
WP-SR-MD-HET	2.70E+02	0.17%	90.41%
RLRFET-01	2.56E+02	0.16%	90.58%
WP-RLCFFD.001	2.51E+02	0.16%	90.74%
IN-BNSRPS3.3B	2.43E+02	0.16%	90.89%
WP-BN211	2.43E+02	0.16%	91.05%
WP-BN296	2.37E+02	0.15%	91.20%
WP-IN-BN-ID-SDA-DEBRIS	2.32E+02	0.15%	91.35%
RL216Z-02	2.28E+02	0.15%	91.50%
WP-RF102.01	2.21E+02	0.14%	91.64%
WP-LA-TA-55-19.02	2.13E+02	0.14%	91.77%
WP-RLM325D.001	2.06E+02	0.13%	91.90%
WP-BN510.3	2.02E+02	0.13%	92.03%
LA-TA-55-30	2.00E+02	0.13%	92.16%
SR-KAC-HET-2	1.91E+02	0.12%	92.28%
WP-BN004	1.90E+02	0.12%	92.41%
WP-LA-TA-55-43.01	1.90E+02	0.12%	92.53%
WP-INW276.003	1.88E+02	0.12%	92.65%
LL-W018-S5100	1.85E+02	0.12%	92.77%
RLSWO-01	1.72E+02	0.11%	92.88%
WP-RF140.01	1.71E+02	0.11%	92.99%
WP-ID-RF-S5126	1.60E+02	0.10%	93.09%
WP-LL-M001-S5400-002	1.60E+02	0.10%	93.19%
WP-ID-RF-S3150-A	1.59E+02	0.10%	93.29%
RL222S-01	1.59E+02	0.10%	93.39%
WP-RLCBWD.001	1.59E+02	0.10%	93.50%
WP-RF101.01	1.57E+02	0.10%	93.60%
WP-IN-BN-ID-SDA-SOIL	1.54E+02	0.10%	93.69%

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NT-JAS-01	1.54E+02	0.10%	93.79%
WP-RLVIPAC.001	1.54E+02	0.10%	93.89%
RLWAR-01	1.49E+02	0.10%	93.99%
WP-BN304	1.43E+02	0.09%	94.08%
LA-TA-55-04	1.43E+02	0.09%	94.17%
WP-LL-M001-S5400	1.42E+02	0.09%	94.26%
WP-OR-NFS-CH-HET-A	1.42E+02	0.09%	94.35%
WP-ID-NTLLNL-S5400	1.36E+02	0.09%	94.44%
RLBW-01	1.34E+02	0.09%	94.52%
WP-RF003.01	1.33E+02	0.09%	94.61%
WP-OR-ISTP-CH-HET	1.26E+02	0.08%	94.69%
SR-KAC-HET-B	1.21E+02	0.08%	94.77%
WP-RF102.31	1.20E+02	0.08%	94.84%
WP-INW247.001R1	1.18E+02	0.08%	94.92%
LA-CIN02.001	1.18E+02	0.08%	95.00%
WP-LA-MHD09.001	1.14E+02	0.07%	95.07%
WP-LA-CIN02.001	1.13E+02	0.07%	95.14%
WP-SR-W027-221F-HET-A	1.10E+02	0.07%	95.21%
RL209E-01	1.06E+02	0.07%	95.28%
WP-RF107.04	1.05E+02	0.07%	95.35%
WP-RLMPURX.001	1.03E+02	0.07%	95.41%
WP-RLMWARD.001	1.02E+02	0.07%	95.48%
RLGEV-01	1.00E+02	0.06%	95.54%
WP-INW296.001	9.87E+01	0.06%	95.60%
SA-W136	9.66E+01	0.06%	95.67%
WP-RF124.01	9.51E+01	0.06%	95.73%
WP-RF101.30	9.36E+01	0.06%	95.79%
WP-LA-TA-55-30	9.20E+01	0.06%	95.85%
WP-RLBWD.001	9.20E+01	0.06%	95.90%
WP-OR-RF-CH-HET	9.16E+01	0.06%	95.96%
IN-IW-608	9.12E+01	0.06%	96.02%
LA-TRU-Empty-85	9.02E+01	0.06%	96.08%
SR-W027-221H-HEPA	8.96E+01	0.06%	96.14%
WP-BN252	8.82E+01	0.06%	96.19%
WP-LA-MIN02-V.001	8.71E+01	0.06%	96.25%
WP-SR-W027-235F-HEPA	8.67E+01	0.06%	96.30%
WP-BN222	8.19E+01	0.05%	96.36%
LA-TA-00-01	8.17E+01	0.05%	96.41%
WP-LA-TA-55-19.01	8.11E+01	0.05%	96.46%
WP-BN510.2	8.08E+01	0.05%	96.51%
WP-SR-W027-221H-HET-C	7.93E+01	0.05%	96.56%
WP-AECHDM	7.83E+01	0.05%	96.61%
WP-INW243.001	7.56E+01	0.05%	96.66%
RLPFP-04	7.52E+01	0.05%	96.71%
WP-RF101.35	7.37E+01	0.05%	96.76%
WP-OR-RADP-CH-HET	7.25E+01	0.05%	96.80%

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WP-BN243	7.14E+01	0.05%	96.85%
WP-SR2002.002.00	7.06E+01	0.05%	96.89%
WP-SR-LA-PAD1	6.99E+01	0.04%	96.94%
RL105-03	6.91E+01	0.04%	96.98%
SR-SWMF-HET-A	6.69E+01	0.04%	97.03%
SR-W027-773A-HET	6.61E+01	0.04%	97.07%
WP-LA-MHD10.001	6.58E+01	0.04%	97.11%
WP-INW222.001	6.57E+01	0.04%	97.15%
LA-MIN03-NC.001	6.57E+01	0.04%	97.19%
WP-RF107.01	6.41E+01	0.04%	97.24%
LA-TA-50-19	6.30E+01	0.04%	97.28%
WP-SR2001.001.00	6.17E+01	0.04%	97.32%
WP-INW252.001	6.15E+01	0.04%	97.35%
WP-RF107.03	6.15E+01	0.04%	97.39%
WP-RF101.31	6.06E+01	0.04%	97.43%
WP-RF107.07	5.78E+01	0.04%	97.47%
AE-T001	5.77E+01	0.04%	97.51%
WP-RF006.01	5.74E+01	0.04%	97.54%
WP-LA-MIN06-NS.001	5.67E+01	0.04%	97.58%
LA-TA-55-19	5.66E+01	0.04%	97.62%
RLEXX-01	5.50E+01	0.04%	97.65%
LA-TA-21-16	5.48E+01	0.04%	97.69%
WP-RF011.01	5.48E+01	0.04%	97.72%
WP-RF122.04	5.46E+01	0.03%	97.76%
IN-BN539	5.17E+01	0.03%	97.79%
RL202S-01	5.16E+01	0.03%	97.82%
WP-RF032.01	5.15E+01	0.03%	97.86%
RL300-01	5.07E+01	0.03%	97.89%
SR-W027-221H-HET-C	5.01E+01	0.03%	97.92%
SR-W027-FB-Pre86-C	4.97E+01	0.03%	97.95%
WP-INW198.001	4.96E+01	0.03%	97.98%
WP-NTS54COMR0	4.96E+01	0.03%	98.01%
WP-INW276.004	4.73E+01	0.03%	98.05%
WP-RF128.01	4.65E+01	0.03%	98.07%
IN-BN004	4.64E+01	0.03%	98.10%
WP-RF104.01	4.55E+01	0.03%	98.13%
WP-RLHMOX.001	4.55E+01	0.03%	98.16%
WP-RLM233SD.001	4.54E+01	0.03%	98.19%
WP-RF123.04	4.49E+01	0.03%	98.22%
WP-RF036.01	4.45E+01	0.03%	98.25%
WP-SR-HBL-235F-HET	4.45E+01	0.03%	98.28%
RL233S-01	4.41E+01	0.03%	98.31%
RL105-01	4.39E+01	0.03%	98.33%
WP-RLM308D.001	4.38E+01	0.03%	98.36%
AW-T033.1325	4.34E+01	0.03%	98.39%
OR-NFS-CH-HET-A	4.17E+01	0.03%	98.42%

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WP-RF141.02	4.13E+01	0.03%	98.44%
LL-W019	4.09E+01	0.03%	98.47%
RL325-03	4.06E+01	0.03%	98.49%
WP-ID-LL-M001-S5400	4.03E+01	0.03%	98.52%
WP-RF115.01	4.03E+01	0.03%	98.55%
SR-W027-HBL-Box	3.93E+01	0.03%	98.57%
OR-ISTP-CH-HET	3.89E+01	0.02%	98.60%
SR-W026-772F-HET	3.83E+01	0.02%	98.62%
WP-RLCCP308D1	3.76E+01	0.02%	98.65%
WP-RLNPURX.001	3.68E+01	0.02%	98.67%
WP-LA-MSG04.001	3.59E+01	0.02%	98.69%
WP-SR-AGNS-HET	3.51E+01	0.02%	98.71%
WA-IN-BN-ID-SDA-SLUDGE	3.49E+01	0.02%	98.74%
RLWAR-03	3.37E+01	0.02%	98.76%
WP-SR-221H-PUOX	3.33E+01	0.02%	98.78%
IN-BN-SRP-S3000.2A	3.26E+01	0.02%	98.80%
WP-RLSWOCD.001	3.21E+01	0.02%	98.82%
WP-RF101.29	3.07E+01	0.02%	98.84%
LA-LANHD01	2.98E+01	0.02%	98.86%
WP-NT-RF-BERYLLIUM	2.96E+01	0.02%	98.88%
WP-RF130.01	2.88E+01	0.02%	98.90%
LA-MSG04.001	2.87E+01	0.02%	98.92%
RLBAT-01	2.83E+01	0.02%	98.93%
WP-RF005.01	2.80E+01	0.02%	98.95%
WP-BN161	2.73E+01	0.02%	98.97%
WC-LA-MIN02-V.001	2.65E+01	0.02%	98.99%
WP-RF008.01	2.61E+01	0.02%	99.00%
OR-CHEM-CH-HET	2.52E+01	0.02%	99.02%
WP-RF119.01	2.36E+01	0.02%	99.03%
WP-OR-GENR-CH-HET	2.35E+01	0.02%	99.05%
WP-OR-NFS-CH-HET	2.35E+01	0.02%	99.06%
WP-OR-CHEM-CH-HET	2.31E+01	0.01%	99.08%
WP-SR-SDD-HOM-B	2.20E+01	0.01%	99.09%
WP-LA-OS-00-01.001	2.19E+01	0.01%	99.11%
WP-SR-MD-SOIL	2.10E+01	0.01%	99.12%
WP-RF031.01	2.05E+01	0.01%	99.13%
LA-MHD04.001	2.03E+01	0.01%	99.15%
WP-RF110.05	2.00E+01	0.01%	99.16%
SR-W027-221H-HET	1.97E+01	0.01%	99.17%
WP-INW161.001	1.93E+01	0.01%	99.18%
WP-INW169.001	1.93E+01	0.01%	99.20%
WP-RF005.02	1.84E+01	0.01%	99.21%
WP-ID-NRD.1	1.83E+01	0.01%	99.22%
WP-RLM231ZD.001	1.83E+01	0.01%	99.23%
WP-LA-MIN04-S.001	1.79E+01	0.01%	99.24%
RLESG-01	1.70E+01	0.01%	99.25%

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WP-RLCCP300D1	1.70E+01	0.01%	99.26%
IN-BNINW218	1.66E+01	0.01%	99.28%
WP-RF033.01	1.66E+01	0.01%	99.29%
IN-BN-218	1.64E+01	0.01%	99.30%
WP-ID-AECHDM	1.64E+01	0.01%	99.31%
WP-RF122.05	1.64E+01	0.01%	99.32%
OR-RF-CH-HET	1.63E+01	0.01%	99.33%
WP-INW276.002	1.62E+01	0.01%	99.34%
RLPFP-03	1.62E+01	0.01%	99.35%
WP-RLETECD.001	1.62E+01	0.01%	99.36%
LA-MHD09.001	1.53E+01	0.01%	99.37%
WC-LA-CIN01.001	1.53E+01	0.01%	99.38%
OR-RADP-CH-HET	1.53E+01	0.01%	99.39%
WP-RLMSSC.001	1.52E+01	0.01%	99.40%
LA-TA-21-13	1.51E+01	0.01%	99.41%
WP-RLRFETS.001	1.50E+01	0.01%	99.42%
LA-OS-00-01.001	1.48E+01	0.01%	99.43%
WP-LA-OS-00-03	1.47E+01	0.01%	99.44%
WP-LL-W019-S3900-002	1.47E+01	0.01%	99.45%
WP-RLMHASH.001	1.46E+01	0.01%	99.45%
SR-MD-HET	1.46E+01	0.01%	99.46%
WP-RF107.06	1.45E+01	0.01%	99.47%
RL201-03	1.45E+01	0.01%	99.48%
SR-MD-PAD1	1.45E+01	0.01%	99.49%
LA-TA-21-09	1.43E+01	0.01%	99.50%
WP-RLM300D.001	1.41E+01	0.01%	99.51%
RLARG-01	1.39E+01	0.01%	99.52%
WP-LA-MHD02.001	1.37E+01	0.01%	99.53%
OR-GENR-CH-HET	1.35E+01	0.01%	99.54%
WP-RF124.02	1.34E+01	0.01%	99.54%
WP-ID-NTLLNL-S3900	1.26E+01	0.01%	99.55%
WP-RF123.03	1.22E+01	0.01%	99.56%
SR-W027-235F-HET	1.19E+01	0.01%	99.57%
WP-RF139.01	1.18E+01	0.01%	99.58%
WP-AECHHM	1.16E+01	0.01%	99.58%
WP-LA-MHD05-ITRI.001	1.14E+01	0.01%	99.59%
LA-TRU-Empty-SWB	1.13E+01	0.01%	99.60%
WP-RF134.02	1.13E+01	0.01%	99.61%
WP-RLM209ED.001	1.13E+01	0.01%	99.61%
WP-RLMGEVALD.001	1.13E+01	0.01%	99.62%
WP-OR-NBL-CH-HET	1.11E+01	0.01%	99.63%
WP-SR-W026-221F-HOM	1.09E+01	0.01%	99.63%
WP-RF121.01	1.08E+01	0.01%	99.64%
WP-RF141.01	1.07E+01	0.01%	99.65%
WP-RF135.02	1.05E+01	0.01%	99.65%
WP-INW276.001	1.03E+01	0.01%	99.66%

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WP-LA-MHD08.001	9.81E+00	0.01%	99.67%
WP-SR-W026-221F-HET-A	9.70E+00	0.01%	99.67%
RLBW-03	9.66E+00	0.01%	99.68%
WP-RF122.01	9.63E+00	0.01%	99.69%
OR-IFEL-CH-HET	9.45E+00	0.01%	99.69%
LA-TA-03-14	9.40E+00	0.01%	99.70%
WA-BN510.4	9.12E+00	0.01%	99.70%
WP-RF110.01	9.08E+00	0.01%	99.71%
OR-W1A-CH-SOIL	9.03E+00	0.01%	99.72%
LA-MIN02-V.001	9.00E+00	0.01%	99.72%
OR-SOURCE-CH-HET	8.87E+00	0.01%	99.73%
OR-MRF-CH-HET	8.82E+00	0.01%	99.73%
WP-SR-KAC-PUOX	8.60E+00	0.01%	99.74%
RLPFP-01A	8.40E+00	0.01%	99.74%
WC-LA-MHD01.001	7.56E+00	0.00%	99.75%
WP-SR-W027-221H-HET-D	7.56E+00	0.00%	99.75%
WP-SR-SDD-HET-A	7.53E+00	0.00%	99.76%
RLP11-01	7.52E+00	0.00%	99.76%
WP-OR-NFS-CH-HOM-A	7.40E+00	0.00%	99.77%
WP-SR-BCLDP-HET	7.32E+00	0.00%	99.77%
AW-N027.531	7.23E+00	0.00%	99.78%
IN-BN-RF432	7.20E+00	0.00%	99.78%
IN-BN222	7.20E+00	0.00%	99.79%
OR-PGDP-CH-HET	7.14E+00	0.00%	99.79%
IN-BN836	6.96E+00	0.00%	99.79%
WP-RLEXXOD.001	6.93E+00	0.00%	99.80%
WP-ID-AECHHM	6.30E+00	0.00%	99.80%
LA-LA225D	6.29E+00	0.00%	99.81%
WP-RF125.01	6.29E+00	0.00%	99.81%
SP-CHHD	6.27E+00	0.00%	99.82%
WP-NT-RF-METAL	6.09E+00	0.00%	99.82%
IN-BN835	5.94E+00	0.00%	99.82%
IN-BNINW216	5.94E+00	0.00%	99.83%
WP-ID-SA-T001	5.88E+00	0.00%	99.83%
RL300-03	5.46E+00	0.00%	99.83%
WA-IN-BN-ID-SDA-DEBRIS	5.25E+00	0.00%	99.84%
RL233S-03	5.25E+00	0.00%	99.84%
OR-LWT-CH-HET	4.83E+00	0.00%	99.84%
RLCFF-03	4.83E+00	0.00%	99.85%
SR-LA-PAD1	4.62E+00	0.00%	99.85%
LA-MHD05-ITRI.001	4.61E+00	0.00%	99.85%
IN-IC-603	4.41E+00	0.00%	99.86%
WP-RF107.05	4.41E+00	0.00%	99.86%
WP-RF122.03	4.41E+00	0.00%	99.86%
LA-TA-21-08	4.20E+00	0.00%	99.86%
LL-W018-SS	4.20E+00	0.00%	99.87%

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RLSAN-01	4.20E+00	0.00%	99.87%
WP-SR-W027-235F-HOM	4.20E+00	0.00%	99.87%
LA-TA-03-29	4.19E+00	0.00%	99.87%
IN-BN-RF801	4.02E+00	0.00%	99.88%
WA-IN-BN-ID-SDA-SOIL	3.99E+00	0.00%	99.88%
WC-LA-MIN03-NC.001	3.99E+00	0.00%	99.88%
OR-MSRE-CH-HET	3.99E+00	0.00%	99.88%
OR-NBL-CH-HET	3.99E+00	0.00%	99.89%
SR-SDD-HOM-A	3.99E+00	0.00%	99.89%
SR-W027-235F-HEPA	3.97E+00	0.00%	99.89%
IN-BN-RF003	3.84E+00	0.00%	99.89%
WP-NT-RF-GRAPHITE	3.78E+00	0.00%	99.90%
RLCFF-01	3.78E+00	0.00%	99.90%
WP-ID-NTVERB-S5400	3.76E+00	0.00%	99.90%
SR-BCLDP-HET	3.76E+00	0.00%	99.90%
LL-T004	3.73E+00	0.00%	99.91%
WP-ID-LL-W019-S3900	3.57E+00	0.00%	99.91%
LA-TA-21-15	3.36E+00	0.00%	99.91%
SR-W026-221F-HET-A	3.36E+00	0.00%	99.91%
WP-NTLRC-S5400	3.15E+00	0.00%	99.92%
OR-CRF-CH-HET	3.15E+00	0.00%	99.92%
WP-SR-W027-321-322M-HET	3.15E+00	0.00%	99.92%
WP-LA-MIN05-V.001	2.93E+00	0.00%	99.92%
OR-NFS-CH-SOIL	2.73E+00	0.00%	99.92%
OR-SWSA-CH-SOIL	2.73E+00	0.00%	99.92%
SR-SDD-HOM-B	2.73E+00	0.00%	99.93%
LA-MIN05-V.001	2.72E+00	0.00%	99.93%
WP-SR-AGNS-HOM	2.52E+00	0.00%	99.93%
SR-HBL-235F-HET	2.51E+00	0.00%	99.93%
IN-BN-RF311	2.34E+00	0.00%	99.93%
WP-BN600	2.31E+00	0.00%	99.93%
LA-TA-55-21	2.31E+00	0.00%	99.94%
WP-RF135.01	2.31E+00	0.00%	99.94%
WP-SR-MD-HOM-A	2.31E+00	0.00%	99.94%
IN-BN-RF420	2.13E+00	0.00%	99.94%
RLGEV-03	2.10E+00	0.00%	99.94%
SR-MD-SOIL	2.10E+00	0.00%	99.94%
WP-SR-W027-221H-HOM	2.10E+00	0.00%	99.94%
WP-ID-NTLBL-S5400	2.09E+00	0.00%	99.95%
WP-RF122.06	2.03E+00	0.00%	99.95%
WP-RF123.01	1.97E+00	0.00%	99.95%
LA-MHD08.001	1.93E+00	0.00%	99.95%
WP-RF117.01	1.89E+00	0.00%	99.95%
SR-W027-221F-HET-A	1.89E+00	0.00%	99.95%
WP-ID-NTLLLBL-S5400	1.88E+00	0.00%	99.95%
LA-TRU-Empty-110	1.88E+00	0.00%	99.95%

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LA-TRU-Empty-55	1.88E+00	0.00%	99.96%
SR-SDD-HET-A	1.88E+00	0.00%	99.96%
WP-ID-SNL-HCF-S5400	1.68E+00	0.00%	99.96%
WP-BLCHDN.001	1.68E+00	0.00%	99.96%
ND-T002	1.68E+00	0.00%	99.96%
WP-NTLBL-S5400	1.68E+00	0.00%	99.96%
WP-RF015.01	1.68E+00	0.00%	99.96%
WP-SR-KAC-HET	1.68E+00	0.00%	99.96%
LA-MIN04-S.001	1.57E+00	0.00%	99.96%
OR-NFS-CH-HOM-A	1.52E+00	0.00%	99.97%
WP-MU-W002	1.47E+00	0.00%	99.97%
LA-CIN03.001	1.47E+00	0.00%	99.97%
RL618-01	1.47E+00	0.00%	99.97%
SA-W134	1.47E+00	0.00%	99.97%
WP-SR-SDD-HOM-A	1.47E+00	0.00%	99.97%
WP-SR-221H-EUOX	1.46E+00	0.00%	99.97%
WP-LL-T004-S3141-002	1.42E+00	0.00%	99.97%
WP-ID-GEVNC-02	1.26E+00	0.00%	99.97%
WP-LA-CIN03.001	1.26E+00	0.00%	99.97%
RLESG-03	1.26E+00	0.00%	99.97%
SR-AGNS-HOM	1.26E+00	0.00%	99.98%
SR-W026-221F-HOM	1.26E+00	0.00%	99.98%
SR-W027-321-322M-HET	1.26E+00	0.00%	99.98%
WP-ID-LL-T004-S3141	1.05E+00	0.00%	99.98%
LA-TA-03-28	1.05E+00	0.00%	99.98%
OR-GRSC-CH-HET	1.05E+00	0.00%	99.98%
RLFFTF-01	1.05E+00	0.00%	99.98%
RLMLL-01	1.05E+00	0.00%	99.98%
WP-SR-W027-773A-HOM	1.05E+00	0.00%	99.98%
WP-RF116.01	9.27E-01	0.00%	99.98%
LA-TA-55-38	8.40E-01	0.00%	99.98%
LA-TA-55-400	8.40E-01	0.00%	99.98%
WC-LA-MHD09.001	8.40E-01	0.00%	99.98%
WP-RF123.02	8.40E-01	0.00%	99.98%
SA-W137	8.40E-01	0.00%	99.98%
SR-W027-221H-HOM	8.40E-01	0.00%	99.98%
WP-SR-SWMF-HET-B	8.40E-01	0.00%	99.99%
LA-MIN06-NS.001	6.79E-01	0.00%	99.99%
OR-OXIDE-CH-HET	6.48E-01	0.00%	99.99%
IN-BN-599	6.30E-01	0.00%	99.99%
WP-ID-SNL-SOURCES-S5400	6.30E-01	0.00%	99.99%
LA-TA-21-17	6.30E-01	0.00%	99.99%
LA-TA-50-69	6.30E-01	0.00%	99.99%
WC-LA-MHD03.001	6.30E-01	0.00%	99.99%
WP-LA-MHD02-PTX.001	6.30E-01	0.00%	99.99%
OR-SWSA-CH-HET	6.30E-01	0.00%	99.99%

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WP-OR-LWT-CH-HET	6.30E-01	0.00%	99.99%
RL231Z-03	6.30E-01	0.00%	99.99%
SR-W026-221F-HET	6.30E-01	0.00%	99.99%
SR-W027-773A-HOM	6.30E-01	0.00%	99.99%
WP-SR-MD-HOM-C	6.30E-01	0.00%	99.99%
WA-SR-KAC-PUOX	5.38E-01	0.00%	99.99%
WP-RF126.04	4.88E-01	0.00%	99.99%
LB-T001	4.43E-01	0.00%	99.99%
LB-T002	4.43E-01	0.00%	99.99%
IN-BN-522	4.20E-01	0.00%	99.99%
IN-BN-602	4.20E-01	0.00%	99.99%
IN-MD-811	4.20E-01	0.00%	99.99%
WP-ID-NT-RF-DECON	4.20E-01	0.00%	99.99%
LA-TA-21-05	4.20E-01	0.00%	99.99%
LA-TA-50-01	4.20E-01	0.00%	99.99%
LA-TA-50-18	4.20E-01	0.00%	99.99%
WC-LA-MIN05-V.001	4.20E-01	0.00%	99.99%
ND-T001	4.20E-01	0.00%	99.99%
WP-NTS54MIX1R0	4.20E-01	0.00%	99.99%
OR-TDYN-CH-HET	4.20E-01	0.00%	99.99%
WP-RF113.01	4.20E-01	0.00%	100.00%
WP-RF137.01	4.20E-01	0.00%	100.00%
RL221U-03	4.20E-01	0.00%	100.00%
RL308-03	4.20E-01	0.00%	100.00%
RLIAEA-03	4.20E-01	0.00%	100.00%
WP-SR-BCLDP.003.001	4.20E-01	0.00%	100.00%
WP-RF126.01	2.44E-01	0.00%	100.00%
IN-BN-RF290	2.10E-01	0.00%	100.00%
IN-RF-806	2.10E-01	0.00%	100.00%
WP-ID-LBNL-S5400	2.10E-01	0.00%	100.00%
WP-ID-NTLBL-S3900	2.10E-01	0.00%	100.00%
WP-ID-NTLRC-S5400	2.10E-01	0.00%	100.00%
WP-ID-NTS-EGG-HET	2.10E-01	0.00%	100.00%
WP-ID-NTS-ITRI-S5310	2.10E-01	0.00%	100.00%
WP-ID-NTS-TTR-HET	2.10E-01	0.00%	100.00%
WP-ID-RF-BNL-ASH	2.10E-01	0.00%	100.00%
LA-TA-03-30	2.10E-01	0.00%	100.00%
WC-LA-CIN02.001	2.10E-01	0.00%	100.00%
WC-LA-MHD08.001	2.10E-01	0.00%	100.00%
WC-LA-MIN04-S.001	2.10E-01	0.00%	100.00%
RLCH2-01	2.10E-01	0.00%	100.00%
SA-W138M	2.10E-01	0.00%	100.00%
SR-BCLDP.004.004	2.10E-01	0.00%	100.00%
SR-DWPF-HET	2.10E-01	0.00%	100.00%
SR-KAC-HET-A	2.10E-01	0.00%	100.00%
SR-NIST-HET	2.10E-01	0.00%	100.00%

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SR-SWMF-HET-B	2.10E-01	0.00%	100.00%
SR-W026-221F-HEPA	2.10E-01	0.00%	100.00%
SR-W027-235F-HOM	2.10E-01	0.00%	100.00%
SR-W027-773A-HET-A	2.10E-01	0.00%	100.00%
WP-SR-W027-321M-HOM	2.10E-01	0.00%	100.00%
WP-LA-OS-00-01	9.76E-02	0.00%	100.00%
OR-PUBE-CH-HOM	4.88E-02	0.00%	100.00%
KA-T003	4.00E-02	0.00%	100.00%
LA-OS-00-04	1.20E-02	0.00%	100.00%
WP-LA-OS-00-04	2.69E-03	0.00%	100.00%

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Table 2. CRA-2026 IS RH-TRU Waste Stream by Volume Fractions

Waste Stream ID	Volume (m^3)	Volume Fraction (%)	Cumulative %
OR-REDC-RH-HET	2.12E+02	13.38%	13.38%
RL325-08	1.91E+02	12.05%	25.43%
OR-RF-RH-HET	1.48E+02	9.34%	34.77%
WP-ID-ANLE-S5000	1.19E+02	7.51%	42.28%
RL300-08	9.49E+01	5.99%	48.27%
RL105-09	7.60E+01	4.80%	53.07%
WP-AERHDM	7.35E+01	4.64%	57.70%
IN-AE-AGHC-02	6.14E+01	3.87%	61.58%
WP-OR-REDC-RH-HET	4.60E+01	2.90%	64.48%
LA-TA-03-27	4.55E+01	2.87%	67.35%
RL105-08	4.31E+01	2.72%	70.07%
RLPFP-08	3.87E+01	2.44%	72.52%
RLPURX-08	3.53E+01	2.23%	74.74%
WP-ID-HFEF-S5400-RH	3.44E+01	2.17%	76.91%
RLWTP-08	2.81E+01	1.77%	78.69%
IN-NRF-SPC-103	2.74E+01	1.73%	80.42%
AW-T031.1322	2.52E+01	1.59%	82.01%
RLESG-08	2.47E+01	1.56%	83.57%
AE-T009	2.03E+01	1.28%	84.85%
WP-GEVNC.01	1.97E+01	1.24%	86.09%
WP-SR-RL-BCLDP.001	1.84E+01	1.16%	87.25%
WP-IN-ID-NRF-SPC	1.74E+01	1.10%	88.35%
WP-LA-MHD03.002	1.42E+01	0.90%	89.24%
AW-W020.13	1.29E+01	0.81%	90.06%
IN-ID-HFEF-S5000-RP	1.20E+01	0.76%	90.82%
SR-RH-773A.01	1.13E+01	0.71%	91.53%
IN-ID-INL-152M	1.10E+01	0.69%	92.22%
RLHAN-08	7.81E+00	0.49%	92.72%
RL221U-08	7.49E+00	0.47%	93.19%
KA-T001	7.40E+00	0.47%	93.66%
RLBAT-08	6.39E+00	0.40%	94.06%
RLESG-09	6.26E+00	0.40%	94.45%
OR-W1A-RH-SOIL	5.92E+00	0.37%	94.83%
WP-SNL-HCF-S5400-RH	5.83E+00	0.37%	95.20%
RLPFP-09	4.65E+00	0.29%	95.49%
BT-T001	4.44E+00	0.28%	95.77%
RLGEV-08	3.81E+00	0.24%	96.01%
OR-MSRE-RH-HET	3.70E+00	0.23%	96.24%
WP-IN-ID-NRF-153	3.36E+00	0.21%	96.46%
WP-BT-T001	3.15E+00	0.20%	96.65%
IN-ID-EBR-S5000	2.59E+00	0.16%	96.82%
SR-RH-221H.01	2.29E+00	0.14%	96.96%
IN-ID-HFEF-S3000-RP	2.22E+00	0.14%	97.10%
OR-CHEM-RH-HET	2.22E+00	0.14%	97.24%

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RL222S-08	2.07E+00	0.13%	97.37%
RL325-09	2.00E+00	0.13%	97.50%
SA-W135	1.85E+00	0.12%	97.62%
SR-RH-221H.02	1.85E+00	0.12%	97.73%
SR-RH-MNDPAD1.01	1.73E+00	0.11%	97.84%
WP-ID-MFC-S5400-RH	1.68E+00	0.11%	97.95%
WP-SR-RH-FBL.01	1.68E+00	0.11%	98.05%
LA-TA-35-02	1.57E+00	0.10%	98.15%
IN-ID-Sample-Fuel	1.48E+00	0.09%	98.25%
IN-NRF-OMC	1.48E+00	0.09%	98.34%
WP-SR-BCLDP.003	1.47E+00	0.09%	98.43%
OR-ISTP-RH-HET	1.30E+00	0.08%	98.51%
OR-RADP-RH-HET	1.30E+00	0.08%	98.60%
OR-MRF-RH-HET	1.11E+00	0.07%	98.67%
OR-WC14-RH-HET	1.11E+00	0.07%	98.74%
SP-RHHD	1.11E+00	0.07%	98.81%
SR-RH-FBL.02	1.11E+00	0.07%	98.88%
WP-SR-BCLDP.001.001	1.05E+00	0.07%	98.94%
WP-SR-BCLDP.004.002	1.05E+00	0.07%	99.01%
WP-ID-RTC-S3000	8.40E-01	0.05%	99.06%
WP-SR-BCLDP.001.002	8.40E-01	0.05%	99.12%
IN-AW-T031.1322	7.40E-01	0.05%	99.16%
OR-GRSC-RH-HOM	7.40E-01	0.05%	99.21%
RLBW-08	6.46E-01	0.04%	99.25%
IN-ID-MFC-SOLID	6.16E-01	0.04%	99.29%
IN-ID-RF-S5000-RH	6.16E-01	0.04%	99.33%
SR-RH-235F.01	6.16E-01	0.04%	99.37%
IN-ID-BTO-030	4.93E-01	0.03%	99.40%
SR-RH-FBL.01	4.93E-01	0.03%	99.43%
WP-ID-INTEC-RH	4.20E-01	0.03%	99.45%
WP-SR-BCLDP.004.003	4.20E-01	0.03%	99.48%
SA-W139	3.87E-01	0.02%	99.51%
IN-ID-ANLW-W269-RH	3.70E-01	0.02%	99.53%
IN-ID-INTEC-308-RH	3.70E-01	0.02%	99.55%
IN-RF-SOURCE-RH	3.70E-01	0.02%	99.58%
KA-T002	3.70E-01	0.02%	99.60%
KA-W016	3.70E-01	0.02%	99.62%
OR-RF-RH-HET-A	3.70E-01	0.02%	99.65%
SP-RHIN	3.70E-01	0.02%	99.67%
RL100D-08	3.23E-01	0.02%	99.69%
RL170-08	3.23E-01	0.02%	99.71%
RL200-10	3.23E-01	0.02%	99.73%
RL209E-08	3.23E-01	0.02%	99.75%
RLBART-07	3.23E-01	0.02%	99.77%
RLBET-08	3.23E-01	0.02%	99.79%
RLCH2-09	3.23E-01	0.02%	99.81%

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RLFFTF-08	3.23E-01	0.02%	99.83%
RLMLB-08	3.23E-01	0.02%	99.85%
RL618-08	2.58E-01	0.02%	99.87%
IN-ID-ANLE-BIN	2.47E-01	0.02%	99.88%
SR-RH-772F.01	2.47E-01	0.02%	99.90%
IN-MO-545	2.29E-01	0.01%	99.91%
WP-SR-BCLDP.002	2.10E-01	0.01%	99.93%
WP-SR-RL-BCLDP.002	2.10E-01	0.01%	99.94%
SR-RH-SDD.01	1.94E-01	0.01%	99.95%
IN-ID-Bettis-Pu8Li14B	1.23E-01	0.01%	99.96%
IN-ID-MISC-RH	1.23E-01	0.01%	99.97%
IN-ID-Source-Material	1.23E-01	0.01%	99.98%
IN-ID-TRA-W345-RH	1.23E-01	0.01%	99.98%
SR-BCLDP.003	1.23E-01	0.01%	99.99%
SR-RH-SWD.01	1.23E-01	0.01%	100.00%

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Table 3. CRA-2026 FS CH-TRU Waste Stream by Volume Fractions

Waste Stream ID	Volume (m^3)	Volume Fraction (%)	Cumulative %
SR-CH-PP	3.11E+04	18.46%	18.46%
LA-MHD01.001	1.18E+04	7.01%	25.47%
RL200-02	1.03E+04	6.12%	31.59%
WP-BN510	9.63E+03	5.72%	37.30%
LA-MHD01-Pits	6.66E+03	3.95%	41.26%
RLPFP-01	6.16E+03	3.66%	44.91%
WP-ID-SDA-SLUDGE	5.20E+03	3.09%	48.00%
WP-RF029.01	4.31E+03	2.56%	50.56%
WP-LA-MHD01.001	3.65E+03	2.17%	52.73%
WP-BNINW216	3.50E+03	2.08%	54.81%
WP-BN510.1	3.42E+03	2.03%	56.84%
IN-BN510.4	2.38E+03	1.41%	58.25%
WP-ID-RF-S3114	2.28E+03	1.35%	59.60%
IN-BN650	2.20E+03	1.31%	60.91%
WP-IN-BN-ID-SDA-SLUDGE	1.72E+03	1.02%	61.93%
WP-SR-W027-221H-HET	1.70E+03	1.01%	62.94%
WP-RLMPDT.001	1.66E+03	0.99%	63.93%
WP-SR-W027-FB-PRE86-C	1.61E+03	0.96%	64.88%
SR-KAC-PuOx-2	1.60E+03	0.95%	65.83%
LA-CIN04.001	1.49E+03	0.88%	66.72%
LA-MHD03.001	1.49E+03	0.88%	67.60%
IN-BN600	1.48E+03	0.88%	68.48%
WP-RF002.01	1.43E+03	0.85%	69.33%
WP-SR-W027-HBL-BOX	1.35E+03	0.80%	70.13%
WP-BN510.4	1.31E+03	0.78%	70.91%
WP-ID-RF-S5300-A	1.30E+03	0.77%	71.68%
WP-INW216.001	1.25E+03	0.74%	72.42%
RL200-01	1.22E+03	0.72%	73.15%
RL325-01	1.20E+03	0.71%	73.86%
WP-SR-W027-221F-HETA	1.16E+03	0.69%	74.55%
WP-INW218.001	1.12E+03	0.66%	75.21%
WP-ID-SRP-S3000	1.10E+03	0.65%	75.86%
IN-ID-SDA-Sludge	9.94E+02	0.59%	76.45%
WP-RF001.01	9.52E+02	0.57%	77.02%
OR-REDC-CH-HET	9.39E+02	0.56%	77.58%
WP-SR-W026-772F-HET	8.94E+02	0.53%	78.11%
WP-BN836	8.63E+02	0.51%	78.62%
WP-SR-W026-221F-HET	8.42E+02	0.50%	79.12%
WP-LA-MIN03-NC.001	7.93E+02	0.47%	79.59%
WP-LA-MHD03.001	7.88E+02	0.47%	80.06%
SR-KAC-PuOx	7.83E+02	0.46%	80.52%
WP-ID-SDA-SOIL	7.82E+02	0.46%	80.99%
LL-M001	7.40E+02	0.44%	81.43%
WP-LA-CIN01.001	7.09E+02	0.42%	81.85%

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WP-SR-W027-773A-HET	6.53E+02	0.39%	82.24%
LA-TA-21-07	6.36E+02	0.38%	82.61%
WP-OR-REDC-CH-HET	6.13E+02	0.36%	82.98%
WP-LA-MHD04.001	6.11E+02	0.36%	83.34%
WP-RF010.01	5.63E+02	0.33%	83.68%
RL231Z-01	5.62E+02	0.33%	84.01%
WP-BN835	5.29E+02	0.31%	84.32%
WP-ID-SDA-DEBRIS	5.28E+02	0.31%	84.64%
WP-SR-MD-PAD1	5.10E+02	0.30%	84.94%
RLHAN-01	5.07E+02	0.30%	85.24%
RLPURX-01	4.88E+02	0.29%	85.53%
WP-RF129.01	4.63E+02	0.27%	85.80%
WP-SR-W027-235F-HET	4.59E+02	0.27%	86.08%
WP-RLMPFPDD	4.51E+02	0.27%	86.35%
WP-RF129.05	4.46E+02	0.26%	86.61%
WP-SR-W027-221H-HEPA	4.19E+02	0.25%	86.86%
WP-SR-W026-221F-HEPA	4.10E+02	0.24%	87.10%
IN-BNSRPS3.3A	4.01E+02	0.24%	87.34%
LA-CIN01.001	3.92E+02	0.23%	87.57%
WP-ID-RF-S5100-A	3.87E+02	0.23%	87.80%
WP-RLNPDT.002	3.84E+02	0.23%	88.03%
LA-TA-21-12	3.46E+02	0.21%	88.24%
RL308-01	3.44E+02	0.20%	88.44%
IN-ID-SDA-Debris	3.37E+02	0.20%	88.64%
WP-RF118.01	3.37E+02	0.20%	88.84%
WP-OR-NFS-CH-SOIL	3.34E+02	0.20%	89.04%
LA-TA-21-06	3.29E+02	0.20%	89.23%
IN-BNSRPS3.1A	3.26E+02	0.19%	89.43%
WP-RF009.01	3.20E+02	0.19%	89.62%
IN-ID-SDA-Soil	3.12E+02	0.19%	89.80%
WP-INW211.001	3.04E+02	0.18%	89.98%
WP-NTS54332R0	2.96E+02	0.18%	90.16%
IN-BN538	2.88E+02	0.17%	90.33%
WP-BNINW218	2.82E+02	0.17%	90.50%
WP-RF004.01	2.78E+02	0.17%	90.66%
WP-SR-SWMF-HET-A	2.74E+02	0.16%	90.83%
WP-SR-MD-HET	2.70E+02	0.16%	90.99%
RLRFET-01	2.56E+02	0.15%	91.14%
WP-RLCFFD.001	2.51E+02	0.15%	91.29%
IN-BNSRPS3.3B	2.43E+02	0.14%	91.43%
WP-BN211	2.43E+02	0.14%	91.58%
WP-BN296	2.37E+02	0.14%	91.72%
SR-KAC-HET-2	2.33E+02	0.14%	91.85%
WP-IN-BN-ID-SDA-DEBRIS	2.32E+02	0.14%	91.99%
RL216Z-02	2.28E+02	0.14%	92.13%
WP-RF102.01	2.21E+02	0.13%	92.26%

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WP-LA-TA-55-19.02	2.13E+02	0.13%	92.38%
WP-RLM325D.001	2.06E+02	0.12%	92.51%
WP-BN510.3	2.02E+02	0.12%	92.63%
LA-TA-55-30	2.00E+02	0.12%	92.75%
WP-BN004	1.90E+02	0.11%	92.86%
WP-LA-TA-55-43.01	1.90E+02	0.11%	92.97%
WP-INW276.003	1.88E+02	0.11%	93.08%
LL-W018-S5100	1.85E+02	0.11%	93.19%
RLSWO-01	1.79E+02	0.11%	93.30%
RL222S-01	1.78E+02	0.11%	93.40%
NT-JAS-01	1.71E+02	0.10%	93.51%
WP-RF140.01	1.71E+02	0.10%	93.61%
WP-ID-RF-S5126	1.60E+02	0.09%	93.70%
WP-LL-M001-S5400-002	1.60E+02	0.09%	93.80%
WP-ID-RF-S3150-A	1.59E+02	0.09%	93.89%
WP-RLCBWD.001	1.59E+02	0.09%	93.99%
WP-RF101.01	1.57E+02	0.09%	94.08%
WP-IN-BN-ID-SDA-SOIL	1.54E+02	0.09%	94.17%
WP-RLVIPAC.001	1.54E+02	0.09%	94.26%
RLWAR-01	1.49E+02	0.09%	94.35%
SR-KAC-HET-B	1.47E+02	0.09%	94.44%
WP-BN304	1.43E+02	0.08%	94.52%
LA-TA-55-04	1.43E+02	0.08%	94.61%
WP-LL-M001-S5400	1.42E+02	0.08%	94.69%
WP-OR-NFS-CH-HET-A	1.42E+02	0.08%	94.78%
WP-ID-NTLLNL-S5400	1.36E+02	0.08%	94.86%
RLBW-01	1.34E+02	0.08%	94.94%
WP-RF003.01	1.33E+02	0.08%	95.02%
WP-OR-ISTP-CH-HET	1.26E+02	0.07%	95.09%
WP-RF102.31	1.20E+02	0.07%	95.16%
WP-INW247.001R1	1.18E+02	0.07%	95.23%
LA-CIN02.001	1.18E+02	0.07%	95.30%
SA-W136	1.15E+02	0.07%	95.37%
WP-LA-MHD09.001	1.14E+02	0.07%	95.44%
WP-LA-CIN02.001	1.13E+02	0.07%	95.51%
WP-SR-W027-221F-HET-A	1.10E+02	0.07%	95.57%
RL209E-01	1.06E+02	0.06%	95.63%
WP-RF107.04	1.05E+02	0.06%	95.70%
WP-RLMPURX.001	1.03E+02	0.06%	95.76%
SR-W027-221H-HEPA	1.03E+02	0.06%	95.82%
WP-RLMWARD.001	1.02E+02	0.06%	95.88%
RLGEV-01	1.00E+02	0.06%	95.94%
WP-INW296.001	9.87E+01	0.06%	96.00%
WP-RF124.01	9.51E+01	0.06%	96.05%
WP-RF101.30	9.36E+01	0.06%	96.11%
WP-LA-TA-55-30	9.20E+01	0.05%	96.16%

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WP-RLBWD.001	9.20E+01	0.05%	96.22%
WP-OR-RF-CH-HET	9.16E+01	0.05%	96.27%
IN-IW-608	9.12E+01	0.05%	96.33%
LA-TRU-Empty-85	9.02E+01	0.05%	96.38%
WP-BN252	8.82E+01	0.05%	96.43%
WP-LA-MIN02-V.001	8.71E+01	0.05%	96.48%
WP-SR-W027-235F-HEPA	8.67E+01	0.05%	96.54%
WP-BN222	8.19E+01	0.05%	96.58%
LA-TA-00-01	8.17E+01	0.05%	96.63%
WP-LA-TA-55-19.01	8.11E+01	0.05%	96.68%
WP-BN510.2	8.08E+01	0.05%	96.73%
WP-SR-W027-221H-HET-C	7.93E+01	0.05%	96.78%
WP-AECHDM	7.83E+01	0.05%	96.82%
SR-W027-773A-HET	7.67E+01	0.05%	96.87%
WP-INW243.001	7.56E+01	0.04%	96.91%
RLPFP-04	7.52E+01	0.04%	96.96%
WP-RF101.35	7.37E+01	0.04%	97.00%
WP-OR-RADP-CH-HET	7.25E+01	0.04%	97.04%
WP-BN243	7.14E+01	0.04%	97.09%
WP-SR2002.002.00	7.06E+01	0.04%	97.13%
WP-SR-LA-PAD1	6.99E+01	0.04%	97.17%
RL105-03	6.91E+01	0.04%	97.21%
SR-SWMF-HET-A	6.69E+01	0.04%	97.25%
WP-LA-MHD10.001	6.58E+01	0.04%	97.29%
WP-INW222.001	6.57E+01	0.04%	97.33%
LA-MIN03-NC.001	6.57E+01	0.04%	97.37%
WP-RF107.01	6.41E+01	0.04%	97.41%
LA-TA-50-19	6.30E+01	0.04%	97.44%
RL202S-01	6.27E+01	0.04%	97.48%
WP-SR2001.001.00	6.17E+01	0.04%	97.52%
WP-INW252.001	6.15E+01	0.04%	97.55%
WP-RF107.03	6.15E+01	0.04%	97.59%
AE-T001	6.13E+01	0.04%	97.63%
WP-RF101.31	6.06E+01	0.04%	97.66%
WP-RF107.07	5.78E+01	0.03%	97.70%
WP-RF006.01	5.74E+01	0.03%	97.73%
WP-LA-MIN06-NS.001	5.67E+01	0.03%	97.76%
LA-TA-55-19	5.66E+01	0.03%	97.80%
RLEXX-01	5.50E+01	0.03%	97.83%
SR-W027-221H-HET-C	5.49E+01	0.03%	97.86%
LA-TA-21-16	5.48E+01	0.03%	97.90%
WP-RF011.01	5.48E+01	0.03%	97.93%
WP-RF122.04	5.46E+01	0.03%	97.96%
AW-T033.1325	5.29E+01	0.03%	97.99%
IN-BN539	5.17E+01	0.03%	98.02%
WP-RF032.01	5.15E+01	0.03%	98.05%

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RL300-01	5.07E+01	0.03%	98.08%
SR-W027-FB-Pre86-C	4.97E+01	0.03%	98.11%
WP-INW198.001	4.96E+01	0.03%	98.14%
WP-NTS54COMR0	4.96E+01	0.03%	98.17%
LL-W019	4.86E+01	0.03%	98.20%
WP-INW276.004	4.73E+01	0.03%	98.23%
WP-RF128.01	4.65E+01	0.03%	98.26%
IN-BN004	4.64E+01	0.03%	98.28%
WP-RF104.01	4.55E+01	0.03%	98.31%
WP-RLHMOX.001	4.55E+01	0.03%	98.34%
WP-RLM233SD.001	4.54E+01	0.03%	98.37%
WP-RF123.04	4.49E+01	0.03%	98.39%
WP-RF036.01	4.45E+01	0.03%	98.42%
RL325-03	4.45E+01	0.03%	98.45%
WP-SR-HBL-235F-HET	4.45E+01	0.03%	98.47%
RL233S-01	4.41E+01	0.03%	98.50%
RL105-01	4.39E+01	0.03%	98.52%
WP-RLM308D.001	4.38E+01	0.03%	98.55%
OR-NFS-CH-HET-A	4.17E+01	0.02%	98.57%
WP-RF141.02	4.13E+01	0.02%	98.60%
WP-ID-LL-M001-S5400	4.03E+01	0.02%	98.62%
WP-RF115.01	4.03E+01	0.02%	98.65%
SR-W026-772F-HET	4.02E+01	0.02%	98.67%
SR-W027-HBL-Box	3.93E+01	0.02%	98.69%
OR-ISTP-CH-HET	3.89E+01	0.02%	98.72%
WP-RLCCP308D1	3.76E+01	0.02%	98.74%
WP-RLNPURX.001	3.68E+01	0.02%	98.76%
WP-LA-MSG04.001	3.59E+01	0.02%	98.78%
WP-SR-AGNS-HET	3.51E+01	0.02%	98.80%
WA-IN-BN-ID-SDA-SLUDGE	3.49E+01	0.02%	98.82%
RLWAR-03	3.37E+01	0.02%	98.84%
WP-SR-221H-PUOX	3.33E+01	0.02%	98.86%
IN-BN-SRP-S3000.2A	3.26E+01	0.02%	98.88%
WP-RLSWOCD.001	3.21E+01	0.02%	98.90%
WP-RF101.29	3.07E+01	0.02%	98.92%
LA-LANHD01	2.98E+01	0.02%	98.94%
WP-NT-RF-BERYLLIUM	2.96E+01	0.02%	98.96%
WP-RF130.01	2.88E+01	0.02%	98.97%
LA-MSG04.001	2.87E+01	0.02%	98.99%
RLBAT-01	2.83E+01	0.02%	99.01%
WP-RF005.01	2.80E+01	0.02%	99.02%
WP-BN161	2.73E+01	0.02%	99.04%
WC-LA-MIN02-V.001	2.65E+01	0.02%	99.06%
WP-RF008.01	2.61E+01	0.02%	99.07%
OR-CHEM-CH-HET	2.52E+01	0.01%	99.09%
WP-RF119.01	2.36E+01	0.01%	99.10%

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WP-OR-GENR-CH-HET	2.35E+01	0.01%	99.11%
WP-OR-NFS-CH-HET	2.35E+01	0.01%	99.13%
WP-OR-CHEM-CH-HET	2.31E+01	0.01%	99.14%
WP-SR-SDD-HOM-B	2.20E+01	0.01%	99.15%
WP-LA-OS-00-01.001	2.19E+01	0.01%	99.17%
WP-SR-MD-SOIL	2.10E+01	0.01%	99.18%
WP-RF031.01	2.05E+01	0.01%	99.19%
LA-MHD04.001	2.03E+01	0.01%	99.20%
WP-RF110.05	2.00E+01	0.01%	99.22%
SR-W027-221H-HET	1.97E+01	0.01%	99.23%
WP-INW161.001	1.93E+01	0.01%	99.24%
WP-INW169.001	1.93E+01	0.01%	99.25%
WP-RF005.02	1.84E+01	0.01%	99.26%
WP-ID-NRD.1	1.83E+01	0.01%	99.27%
WP-RLM231ZD.001	1.83E+01	0.01%	99.28%
LA-OS-00-01.001	1.80E+01	0.01%	99.29%
WP-LA-MIN04-S.001	1.79E+01	0.01%	99.30%
RLESG-01	1.70E+01	0.01%	99.31%
WP-RLCCP300D1	1.70E+01	0.01%	99.32%
IN-BNINW218	1.66E+01	0.01%	99.33%
WP-RF033.01	1.66E+01	0.01%	99.34%
IN-BN-218	1.64E+01	0.01%	99.35%
WP-ID-AECHDM	1.64E+01	0.01%	99.36%
WP-RF122.05	1.64E+01	0.01%	99.37%
OR-RF-CH-HET	1.63E+01	0.01%	99.38%
WP-INW276.002	1.62E+01	0.01%	99.39%
RLPFP-03	1.62E+01	0.01%	99.40%
WP-RLETECD.001	1.62E+01	0.01%	99.41%
LA-MHD09.001	1.53E+01	0.01%	99.42%
WC-LA-CIN01.001	1.53E+01	0.01%	99.43%
OR-RADP-CH-HET	1.53E+01	0.01%	99.44%
WP-RLMSSC.001	1.52E+01	0.01%	99.45%
LA-TA-21-13	1.51E+01	0.01%	99.46%
WP-RLRFETS.001	1.50E+01	0.01%	99.47%
WP-LA-OS-00-03	1.47E+01	0.01%	99.48%
WP-LL-W019-S3900-002	1.47E+01	0.01%	99.48%
WP-RLMHASH.001	1.46E+01	0.01%	99.49%
SR-MD-HET	1.46E+01	0.01%	99.50%
WP-RF107.06	1.45E+01	0.01%	99.51%
RL201-03	1.45E+01	0.01%	99.52%
SR-MD-PAD1	1.45E+01	0.01%	99.53%
LA-TA-21-09	1.43E+01	0.01%	99.54%
WP-RLM300D.001	1.41E+01	0.01%	99.54%
RLARG-01	1.39E+01	0.01%	99.55%
WP-LA-MHD02.001	1.37E+01	0.01%	99.56%
OR-GENR-CH-HET	1.35E+01	0.01%	99.57%

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WP-RF124.02	1.34E+01	0.01%	99.58%
WP-ID-NTLLNL-S3900	1.26E+01	0.01%	99.58%
WP-RF123.03	1.22E+01	0.01%	99.59%
SR-W027-235F-HET	1.19E+01	0.01%	99.60%
WP-RF139.01	1.18E+01	0.01%	99.61%
WP-AECHHM	1.16E+01	0.01%	99.61%
WP-LA-MHD05-ITRI.001	1.14E+01	0.01%	99.62%
LA-TRU-Empty-SWB	1.13E+01	0.01%	99.63%
WP-RF134.02	1.13E+01	0.01%	99.63%
WP-RLM209ED.001	1.13E+01	0.01%	99.64%
WP-RLMGEVALD.001	1.13E+01	0.01%	99.65%
WP-OR-NBL-CH-HET	1.11E+01	0.01%	99.65%
WP-SR-W026-221F-HOM	1.09E+01	0.01%	99.66%
WP-RF121.01	1.08E+01	0.01%	99.67%
WP-RF141.01	1.07E+01	0.01%	99.67%
WP-RF135.02	1.05E+01	0.01%	99.68%
WP-INW276.001	1.03E+01	0.01%	99.68%
WP-LA-MHD08.001	9.81E+00	0.01%	99.69%
WP-SR-W026-221F-HET-A	9.70E+00	0.01%	99.70%
RLBW-03	9.66E+00	0.01%	99.70%
WP-RF122.01	9.63E+00	0.01%	99.71%
OR-IFEL-CH-HET	9.45E+00	0.01%	99.71%
LA-TA-03-14	9.40E+00	0.01%	99.72%
WA-BN510.4	9.12E+00	0.01%	99.72%
WP-RF110.01	9.08E+00	0.01%	99.73%
OR-W1A-CH-SOIL	9.03E+00	0.01%	99.73%
LA-MIN02-V.001	9.00E+00	0.01%	99.74%
OR-SOURCE-CH-HET	8.87E+00	0.01%	99.74%
AW-N027.531	8.82E+00	0.01%	99.75%
OR-MRF-CH-HET	8.82E+00	0.01%	99.76%
WP-SR-KAC-PUOX	8.60E+00	0.01%	99.76%
RLPFP-01A	8.40E+00	0.00%	99.77%
WC-LA-MHD01.001	7.56E+00	0.00%	99.77%
WP-SR-W027-221H-HET-D	7.56E+00	0.00%	99.77%
WP-SR-SDD-HET-A	7.53E+00	0.00%	99.78%
RLP11-01	7.52E+00	0.00%	99.78%
WP-OR-NFS-CH-HOM-A	7.40E+00	0.00%	99.79%
WP-SR-BCLDP-HET	7.32E+00	0.00%	99.79%
IN-BN-RF432	7.20E+00	0.00%	99.80%
IN-BN222	7.20E+00	0.00%	99.80%
OR-PGDP-CH-HET	7.14E+00	0.00%	99.80%
IN-BN836	6.96E+00	0.00%	99.81%
WP-RLEXXOD.001	6.93E+00	0.00%	99.81%
WP-ID-AECHHM	6.30E+00	0.00%	99.82%
LA-LA225D	6.29E+00	0.00%	99.82%
WP-RF125.01	6.29E+00	0.00%	99.82%

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SP-CHHD	6.27E+00	0.00%	99.83%
WP-NT-RF-METAL	6.09E+00	0.00%	99.83%
IN-BN835	5.94E+00	0.00%	99.84%
IN-BNINW216	5.94E+00	0.00%	99.84%
WP-ID-SA-T001	5.88E+00	0.00%	99.84%
RL300-03	5.46E+00	0.00%	99.85%
WA-IN-BN-ID-SDA-DEBRIS	5.25E+00	0.00%	99.85%
RL233S-03	5.25E+00	0.00%	99.85%
OR-LWT-CH-HET	4.83E+00	0.00%	99.85%
RLCFF-03	4.83E+00	0.00%	99.86%
SR-LA-PAD1	4.62E+00	0.00%	99.86%
LA-MHD05-ITRI.001	4.61E+00	0.00%	99.86%
LL-T004	4.49E+00	0.00%	99.87%
IN-IC-603	4.41E+00	0.00%	99.87%
WP-RF107.05	4.41E+00	0.00%	99.87%
WP-RF122.03	4.41E+00	0.00%	99.87%
LA-TA-21-08	4.20E+00	0.00%	99.88%
LL-W018-SS	4.20E+00	0.00%	99.88%
RLSAN-01	4.20E+00	0.00%	99.88%
WP-SR-W027-235F-HOM	4.20E+00	0.00%	99.88%
LA-TA-03-29	4.19E+00	0.00%	99.89%
IN-BN-RF801	4.02E+00	0.00%	99.89%
WA-IN-BN-ID-SDA-SOIL	3.99E+00	0.00%	99.89%
WC-LA-MIN03-NC.001	3.99E+00	0.00%	99.89%
OR-MSRE-CH-HET	3.99E+00	0.00%	99.90%
OR-NBL-CH-HET	3.99E+00	0.00%	99.90%
SR-SDD-HOM-A	3.99E+00	0.00%	99.90%
SR-W027-235F-HEPA	3.97E+00	0.00%	99.90%
IN-BN-RF003	3.84E+00	0.00%	99.90%
WP-NT-RF-GRAPHITE	3.78E+00	0.00%	99.91%
RLCFF-01	3.78E+00	0.00%	99.91%
WP-ID-NTVERB-S5400	3.76E+00	0.00%	99.91%
SR-BCLDP-HET	3.76E+00	0.00%	99.91%
WP-ID-LL-W019-S3900	3.57E+00	0.00%	99.92%
LA-TA-21-15	3.36E+00	0.00%	99.92%
SR-W026-221F-HET-A	3.36E+00	0.00%	99.92%
WP-NTLRC-S5400	3.15E+00	0.00%	99.92%
OR-CRF-CH-HET	3.15E+00	0.00%	99.92%
WP-SR-W027-321-322M-HET	3.15E+00	0.00%	99.93%
WP-LA-MIN05-V.001	2.93E+00	0.00%	99.93%
OR-NFS-CH-SOIL	2.73E+00	0.00%	99.93%
OR-SWSA-CH-SOIL	2.73E+00	0.00%	99.93%
SR-SDD-HOM-B	2.73E+00	0.00%	99.93%
LA-MIN05-V.001	2.72E+00	0.00%	99.93%
WP-SR-AGNS-HOM	2.52E+00	0.00%	99.94%
SR-HBL-235F-HET	2.51E+00	0.00%	99.94%

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IN-BN-RF311	2.34E+00	0.00%	99.94%
WP-BN600	2.31E+00	0.00%	99.94%
LA-TA-55-21	2.31E+00	0.00%	99.94%
WP-RF135.01	2.31E+00	0.00%	99.94%
WP-SR-MD-HOM-A	2.31E+00	0.00%	99.94%
IN-BN-RF420	2.13E+00	0.00%	99.94%
RLGEV-03	2.10E+00	0.00%	99.95%
SR-MD-SOIL	2.10E+00	0.00%	99.95%
WP-SR-W027-221H-HOM	2.10E+00	0.00%	99.95%
WP-ID-NTLBL-S5400	2.09E+00	0.00%	99.95%
WP-RF122.06	2.03E+00	0.00%	99.95%
WP-RF123.01	1.97E+00	0.00%	99.95%
LA-MHD08.001	1.93E+00	0.00%	99.95%
WP-RF117.01	1.89E+00	0.00%	99.95%
SR-W027-221F-HET-A	1.89E+00	0.00%	99.96%
WP-ID-NTLLLBL-S5400	1.88E+00	0.00%	99.96%
LA-TRU-Empty-110	1.88E+00	0.00%	99.96%
LA-TRU-Empty-55	1.88E+00	0.00%	99.96%
SR-SDD-HET-A	1.88E+00	0.00%	99.96%
WP-ID-SNL-HCF-S5400	1.68E+00	0.00%	99.96%
WP-BLCHDN.001	1.68E+00	0.00%	99.96%
ND-T002	1.68E+00	0.00%	99.96%
WP-NTLBL-S5400	1.68E+00	0.00%	99.96%
WP-RF015.01	1.68E+00	0.00%	99.96%
WP-SR-KAC-HET	1.68E+00	0.00%	99.97%
LA-MIN04-S.001	1.57E+00	0.00%	99.97%
OR-NFS-CH-HOM-A	1.52E+00	0.00%	99.97%
WP-MU-W002	1.47E+00	0.00%	99.97%
LA-CIN03.001	1.47E+00	0.00%	99.97%
RL618-01	1.47E+00	0.00%	99.97%
SA-W134	1.47E+00	0.00%	99.97%
WP-SR-SDD-HOM-A	1.47E+00	0.00%	99.97%
WP-SR-221H-EUOX	1.46E+00	0.00%	99.97%
WP-LL-T004-S3141-002	1.42E+00	0.00%	99.97%
WP-ID-GEVNC-02	1.26E+00	0.00%	99.97%
WP-LA-CIN03.001	1.26E+00	0.00%	99.98%
RLESG-03	1.26E+00	0.00%	99.98%
SR-AGNS-HOM	1.26E+00	0.00%	99.98%
SR-W026-221F-HOM	1.26E+00	0.00%	99.98%
SR-W027-321-322M-HET	1.26E+00	0.00%	99.98%
WP-ID-LL-T004-S3141	1.05E+00	0.00%	99.98%
LA-TA-03-28	1.05E+00	0.00%	99.98%
OR-GRSC-CH-HET	1.05E+00	0.00%	99.98%
RLFFTF-01	1.05E+00	0.00%	99.98%
RLMLL-01	1.05E+00	0.00%	99.98%
WP-SR-W027-773A-HOM	1.05E+00	0.00%	99.98%

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WP-RF116.01	9.27E-01	0.00%	99.98%
LA-TA-55-38	8.40E-01	0.00%	99.98%
LA-TA-55-400	8.40E-01	0.00%	99.98%
WC-LA-MHD09.001	8.40E-01	0.00%	99.98%
WP-RF123.02	8.40E-01	0.00%	99.98%
SA-W137	8.40E-01	0.00%	99.99%
SR-W027-221H-HOM	8.40E-01	0.00%	99.99%
WP-SR-SWMF-HET-B	8.40E-01	0.00%	99.99%
LA-MIN06-NS.001	6.79E-01	0.00%	99.99%
OR-OXIDE-CH-HET	6.48E-01	0.00%	99.99%
IN-BN-599	6.30E-01	0.00%	99.99%
WP-ID-SNL-SOURCES-S5400	6.30E-01	0.00%	99.99%
LA-TA-21-17	6.30E-01	0.00%	99.99%
LA-TA-50-69	6.30E-01	0.00%	99.99%
WC-LA-MHD03.001	6.30E-01	0.00%	99.99%
WP-LA-MHD02-PTX.001	6.30E-01	0.00%	99.99%
OR-SWSA-CH-HET	6.30E-01	0.00%	99.99%
WP-OR-LWT-CH-HET	6.30E-01	0.00%	99.99%
RL231Z-03	6.30E-01	0.00%	99.99%
SR-W026-221F-HET	6.30E-01	0.00%	99.99%
SR-W027-773A-HOM	6.30E-01	0.00%	99.99%
WP-SR-MD-HOM-C	6.30E-01	0.00%	99.99%
WA-SR-KAC-PUOX	5.38E-01	0.00%	99.99%
LB-T001	4.95E-01	0.00%	99.99%
LB-T002	4.95E-01	0.00%	99.99%
WP-RF126.04	4.88E-01	0.00%	99.99%
IN-BN-522	4.20E-01	0.00%	99.99%
IN-BN-602	4.20E-01	0.00%	99.99%
IN-MD-811	4.20E-01	0.00%	99.99%
WP-ID-NT-RF-DECON	4.20E-01	0.00%	99.99%
LA-TA-21-05	4.20E-01	0.00%	99.99%
LA-TA-50-01	4.20E-01	0.00%	99.99%
LA-TA-50-18	4.20E-01	0.00%	99.99%
WC-LA-MIN05-V.001	4.20E-01	0.00%	99.99%
ND-T001	4.20E-01	0.00%	99.99%
WP-NTS54MIX1R0	4.20E-01	0.00%	99.99%
OR-TDYN-CH-HET	4.20E-01	0.00%	100.00%
WP-RF113.01	4.20E-01	0.00%	100.00%
WP-RF137.01	4.20E-01	0.00%	100.00%
RL221U-03	4.20E-01	0.00%	100.00%
RL308-03	4.20E-01	0.00%	100.00%
RLIAEA-03	4.20E-01	0.00%	100.00%
WP-SR-BCLDP.003.001	4.20E-01	0.00%	100.00%
WP-RF126.01	2.44E-01	0.00%	100.00%
IN-BN-RF290	2.10E-01	0.00%	100.00%
IN-RF-806	2.10E-01	0.00%	100.00%

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WP-ID-LBNL-S5400	2.10E-01	0.00%	100.00%
WP-ID-NTLBL-S3900	2.10E-01	0.00%	100.00%
WP-ID-NTLRC-S5400	2.10E-01	0.00%	100.00%
WP-ID-NTS-EGG-HET	2.10E-01	0.00%	100.00%
WP-ID-NTS-ITRI-S5310	2.10E-01	0.00%	100.00%
WP-ID-NTS-TTR-HET	2.10E-01	0.00%	100.00%
WP-ID-RF-BNL-ASH	2.10E-01	0.00%	100.00%
LA-TA-03-30	2.10E-01	0.00%	100.00%
WC-LA-CIN02.001	2.10E-01	0.00%	100.00%
WC-LA-MHD08.001	2.10E-01	0.00%	100.00%
WC-LA-MIN04-S.001	2.10E-01	0.00%	100.00%
RLCH2-01	2.10E-01	0.00%	100.00%
SA-W138M	2.10E-01	0.00%	100.00%
SR-BCLDP.004.004	2.10E-01	0.00%	100.00%
SR-DWPF-HET	2.10E-01	0.00%	100.00%
SR-KAC-HET-A	2.10E-01	0.00%	100.00%
SR-NIST-HET	2.10E-01	0.00%	100.00%
SR-SWMF-HET-B	2.10E-01	0.00%	100.00%
SR-W026-221F-HEPA	2.10E-01	0.00%	100.00%
SR-W027-235F-HOM	2.10E-01	0.00%	100.00%
SR-W027-773A-HET-A	2.10E-01	0.00%	100.00%
WP-SR-W027-321M-HOM	2.10E-01	0.00%	100.00%
WP-LA-OS-00-01	9.76E-02	0.00%	100.00%
KA-T003	4.88E-02	0.00%	100.00%
OR-PUBE-CH-HOM	4.88E-02	0.00%	100.00%
LA-OS-00-04	1.20E-02	0.00%	100.00%
WP-LA-OS-00-04	2.69E-03	0.00%	100.00%

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Table 4. CRA-2026 FS RH-TRU Waste Stream by Volume Fractions

Waste Stream ID	Volume (m^3)	Volume Fraction (%)	Cumulative %
OR-REDC-RH-HET	2.07E+03	29.25%	29.25%
OR-RF-RH-HET	1.49E+03	21.06%	50.31%
RL325-08	1.20E+03	16.96%	67.26%
RLWTP-08	3.15E+02	4.45%	71.72%
AW-T031.1322	2.61E+02	3.69%	75.40%
RL300-08	1.62E+02	2.29%	77.69%
AW-W020.13	1.31E+02	1.85%	79.54%
RL105-09	1.29E+02	1.82%	81.37%
WP-ID-ANLE-S5000	1.19E+02	1.68%	83.05%
RL105-08	1.19E+02	1.68%	84.73%
AE-T009	1.11E+02	1.57%	86.30%
IN-AE-AGHC-02	1.05E+02	1.48%	87.78%
KA-T001	8.28E+01	1.17%	88.95%
LA-TA-03-27	7.74E+01	1.09%	90.05%
WP-AERHDM	7.35E+01	1.04%	91.09%
RLPFP-08	6.59E+01	0.93%	92.02%
RLPURX-08	6.01E+01	0.85%	92.87%
IN-NRF-SPC-103	4.66E+01	0.66%	93.52%
WP-OR-REDC-RH-HET	4.60E+01	0.65%	94.17%
RLESG-08	4.21E+01	0.59%	94.77%
SR-RH-773A.01	3.45E+01	0.49%	95.26%
WP-ID-HFEF-S5400-RH	3.44E+01	0.49%	95.74%
IN-ID-HFEF-S5000-RP	2.04E+01	0.29%	96.03%
WP-GEVNC.01	1.97E+01	0.28%	96.31%
IN-ID-INL-152M	1.87E+01	0.26%	96.57%
WP-SR-RL-BCLDP.001	1.84E+01	0.26%	96.83%
WP-IN-ID-NRF-SPC	1.74E+01	0.25%	97.08%
WP-LA-MHD03.002	1.42E+01	0.20%	97.28%
RLHAN-08	1.33E+01	0.19%	97.47%
RL221U-08	1.28E+01	0.18%	97.65%
RLBAT-08	1.09E+01	0.15%	97.80%
RLESG-09	1.07E+01	0.15%	97.95%
OR-W1A-RH-SOIL	1.01E+01	0.14%	98.10%
RLPFP-09	7.92E+00	0.11%	98.21%
BT-T001	7.56E+00	0.11%	98.32%
RLGEV-08	6.49E+00	0.09%	98.41%
OR-MSRE-RH-HET	6.30E+00	0.09%	98.50%
WP-SNL-HCF-S5400-RH	5.83E+00	0.08%	98.58%
IN-ID-EBR-S5000	4.41E+00	0.06%	98.64%
SA-W139	4.34E+00	0.06%	98.70%
KA-T002	4.14E+00	0.06%	98.76%
KA-W016	4.14E+00	0.06%	98.82%
SR-RH-221H.01	3.90E+00	0.06%	98.87%
IN-ID-HFEF-S3000-RP	3.78E+00	0.05%	98.93%

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OR-CHEM-RH-HET	3.78E+00	0.05%	98.98%
RL222S-08	3.52E+00	0.05%	99.03%
RL325-09	3.41E+00	0.05%	99.08%
WP-IN-ID-NRF-153	3.36E+00	0.05%	99.13%
WP-BT-T001	3.15E+00	0.04%	99.17%
SA-W135	3.15E+00	0.04%	99.22%
SR-RH-221H.02	3.15E+00	0.04%	99.26%
SR-RH-MNDPAD1.01	2.94E+00	0.04%	99.30%
LA-TA-35-02	2.67E+00	0.04%	99.34%
IN-ID-Sample-Fuel	2.52E+00	0.04%	99.38%
IN-NRF-OMC	2.52E+00	0.04%	99.41%
OR-ISTP-RH-HET	2.22E+00	0.03%	99.44%
OR-RADP-RH-HET	2.22E+00	0.03%	99.47%
OR-MRF-RH-HET	1.89E+00	0.03%	99.50%
OR-WC14-RH-HET	1.89E+00	0.03%	99.53%
SP-RHHD	1.89E+00	0.03%	99.55%
SR-RH-FBL.02	1.89E+00	0.03%	99.58%
WP-ID-MFC-S5400-RH	1.68E+00	0.02%	99.60%
WP-SR-RH-FBL.01	1.68E+00	0.02%	99.63%
WP-SR-BCLDP.003	1.47E+00	0.02%	99.65%
IN-AW-T031.1322	1.26E+00	0.02%	99.67%
OR-GRSC-RH-HOM	1.26E+00	0.02%	99.68%
RLBW-08	1.10E+00	0.02%	99.70%
IN-ID-MFC-SOLID	1.05E+00	0.01%	99.71%
IN-ID-RF-S5000-RH	1.05E+00	0.01%	99.73%
SR-RH-235F.01	1.05E+00	0.01%	99.74%
WP-SR-BCLDP.001.001	1.05E+00	0.01%	99.76%
WP-SR-BCLDP.004.002	1.05E+00	0.01%	99.77%
IN-ID-BTO-030	8.40E-01	0.01%	99.79%
WP-ID-RTC-S3000	8.40E-01	0.01%	99.80%
SR-RH-FBL.01	8.40E-01	0.01%	99.81%
WP-SR-BCLDP.001.002	8.40E-01	0.01%	99.82%
IN-ID-ANLW-W269-RH	6.30E-01	0.01%	99.83%
IN-ID-INTEC-308-RH	6.30E-01	0.01%	99.84%
IN-RF-SOURCE-RH	6.30E-01	0.01%	99.85%
OR-RF-RH-HET-A	6.30E-01	0.01%	99.86%
SP-RHIN	6.30E-01	0.01%	99.87%
RL100D-08	5.50E-01	0.01%	99.87%
RL170-08	5.50E-01	0.01%	99.88%
RL200-10	5.50E-01	0.01%	99.89%
RL209E-08	5.50E-01	0.01%	99.90%
RLBART-07	5.50E-01	0.01%	99.91%
RLBET-08	5.50E-01	0.01%	99.91%
RLCH2-09	5.50E-01	0.01%	99.92%
RLFFTF-08	5.50E-01	0.01%	99.93%
RLMLB-08	5.50E-01	0.01%	99.94%

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RL618-08	4.40E-01	0.01%	99.94%
IN-ID-ANLE-BIN	4.20E-01	0.01%	99.95%
WP-ID-INTEC-RH	4.20E-01	0.01%	99.95%
SR-RH-772F.01	4.20E-01	0.01%	99.96%
WP-SR-BCLDP.004.003	4.20E-01	0.01%	99.97%
IN-MO-545	3.90E-01	0.01%	99.97%
SR-RH-SDD.01	3.30E-01	0.00%	99.98%
IN-ID-Bettis-Pu8Li14B	2.10E-01	0.00%	99.98%
IN-ID-MISC-RH	2.10E-01	0.00%	99.98%
IN-ID-Source-Material	2.10E-01	0.00%	99.99%
IN-ID-TRA-W345-RH	2.10E-01	0.00%	99.99%
SR-BCLDP.003	2.10E-01	0.00%	99.99%
SR-RH-SWD.01	2.10E-01	0.00%	99.99%
WP-SR-BCLDP.002	2.10E-01	0.00%	100.00%
WP-SR-RL-BCLDP.002	2.10E-01	0.00%	100.00%

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